

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016429.D
 Acq On : 26 May 2020 16:37
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Manual Integrations
 APPROVED

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 5/27/2020 12:27:50 PM

Quant Time: May 26 17:57:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	151186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	256833	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	248338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	126419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	104350	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	5.46	113	84108	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	8.70	98	328180	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	11.12	95	123577	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59479	48.477	ug/l	97
3) Chloromethane	1.31	50	81692	54.452	ug/l	99
4) Vinyl Chloride	1.39	62	115840	58.456	ug/l	99
5) Bromomethane	1.62	94	153504	61.493	ug/l	99
6) Chloroethane	1.70	64	82035	56.133	ug/l	100
7) Trichlorofluoromethane	1.91	101	190129	57.663	ug/l	97
8) Diethyl Ether	2.17	74	75608	56.257	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	73793	51.504	ug/l	98
10) Methyl Iodide	2.49	142	75063	46.767	ug/l	99
11) Tert butyl alcohol	3.01	59	117241	258.983	ug/l	100
12) 1,1-Dichloroethene	2.35	96	76083	51.928	ug/l	99
13) Acrolein	2.27	56	80709	360.158	ug/l	99
14) Allyl chloride	2.70	41	126625	52.903	ug/l	100
15) Acrylonitrile	3.11	53	243342	269.951	ug/l	99
16) Acetone	2.42	43	210133	269.394	ug/l	100
17) Carbon Disulfide	2.54	76	225841	52.088	ug/l	100
18) Methyl Acetate	2.75	43	101459	53.335	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	282276	55.278	ug/l	99
20) Methylene Chloride	2.83	84	86875	51.632	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	87648	52.641	ug/l	92
22) Diisopropyl ether	3.82	45	271015	56.208	ug/l	98
23) Vinyl Acetate	3.78	43	1214239	281.603	ug/l	100
24) 1,1-Dichloroethane	3.67	63	154991	54.195	ug/l	99
25) 2-Butanone	4.63	43	349721	275.936	ug/l	100
26) 2,2-Dichloropropane	4.54	77	138590	53.315	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	103285	54.447	ug/l	98
28) Bromochloromethane	4.98	49	73058	53.292	ug/l	98
29) Tetrahydrofuran	5.09	42	232592	283.163	ug/l	99
30) Chloroform	5.17	83	171520	57.073	ug/l	100
31) Cyclohexane	5.54	56	136818	56.369	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	156057	56.712	ug/l	100
36) 1,1-Dichloropropene	5.76	75	125653	55.186	ug/l	99
37) Ethyl Acetate	4.79	43	134921	53.620	ug/l	99
38) Carbon Tetrachloride	5.75	117	138476	56.115	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	142909	56.668	ug/l	98
40) Benzene	6.11	78	371751	54.703	ug/l	100
41) Methacrylonitrile	5.00	41	70456	52.366	ug/l	97
42) 1,2-Dichloroethane	6.16	62	136508	55.031	ug/l	100
43) Isopropyl Acetate	6.41	43	221773	54.943	ug/l	100
44) Trichloroethene	7.18	130	121016	54.326	ug/l	99
45) 1,2-Dichloropropane	7.49	63	93273	54.956	ug/l	98
46) Dibromomethane	7.63	93	67265	54.389	ug/l	98
47) Bromodichloromethane	7.87	83	138978	55.639	ug/l	97
48) Methyl methacrylate	7.74	41	101646	55.261	ug/l	99
49) 1,4-Dioxane	7.71	88	49507	1045.965	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	703523	275.787	ug/l	100
52) Toluene	8.76	92	251892	57.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	158576	55.783	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	158875	54.361	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	99335	55.866	ug/l	97
56) Ethyl methacrylate	9.16	69	154406	57.705	ug/l	99
57) 1,3-Dichloropropane	9.35	76	163785	55.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	412670	289.141	ug/l	100
59) 2-Hexanone	9.48	43	546578	278.263	ug/l	100
60) Dibromochloromethane	9.57	129	116682	57.066	ug/l	99
61) 1,2-Dibromoethane	9.65	107	112021	57.408	ug/l	100
64) Tetrachloroethene	9.32	164	136246	52.662	ug/l	93
65) Chlorobenzene	10.12	112	273977	55.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	105754	55.595	ug/l	99
67) Ethyl Benzene	10.24	91	479140	56.169	ug/l	99
68) m/p-Xylenes	10.34	106	379659	113.815	ug/l	99
69) o-Xylene	10.68	106	178754	56.390	ug/l	99
70) Styrene	10.70	104	304580	56.914	ug/l	99
71) Bromoform	10.84	173	89557	57.029	ug/l #	99
73) Isopropylbenzene	11.00	105	467937	54.825	ug/l	100
74) N-amyl acetate	10.88	43	192819	53.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	117784	54.631	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	139050m	52.995	ug/l	
77) Bromobenzene	11.24	156	124024	56.119	ug/l	98
78) n-propylbenzene	11.35	91	523153	54.214	ug/l	100
79) 2-Chlorotoluene	11.40	91	310918	54.160	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	388445	54.437	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	57406	52.613	ug/l	99
82) 4-Chlorotoluene	11.49	91	375799	54.430	ug/l	100
83) tert-Butylbenzene	11.76	119	340143	55.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	395726	55.029	ug/l	99
85) sec-Butylbenzene	11.93	105	433016	56.016	ug/l	99
86) p-Isopropyltoluene	12.05	119	404637	56.029	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	216009	55.058	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	214273	53.954	ug/l	99
89) n-Butylbenzene	12.37	91	343572	54.836	ug/l	99
90) Hexachloroethane	12.58	117	73236	55.957	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	210913	54.554	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35901	53.812	ug/l	97

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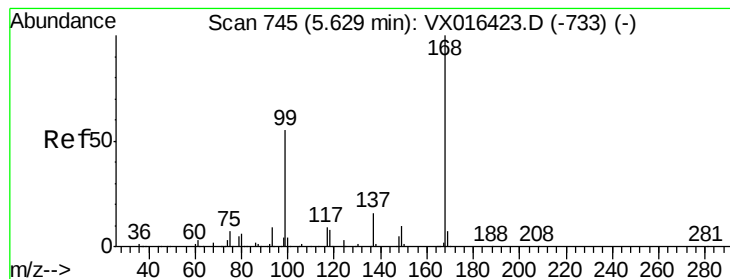
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	128907	53.569	ug/l	99
94) Hexachlorobutadiene	13.77	225	48430	55.813	ug/l	96
95) Naphthalene	13.82	128	468861	54.375	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127441	54.794	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion:168 Resp: 151186

Ion Ratio Lower Upper

168 100

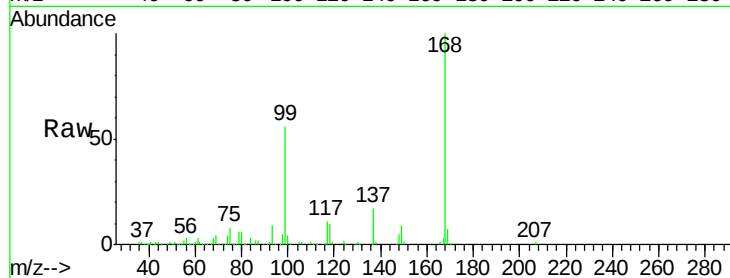
99 55.5 44.4 66.6

Manual Integrations

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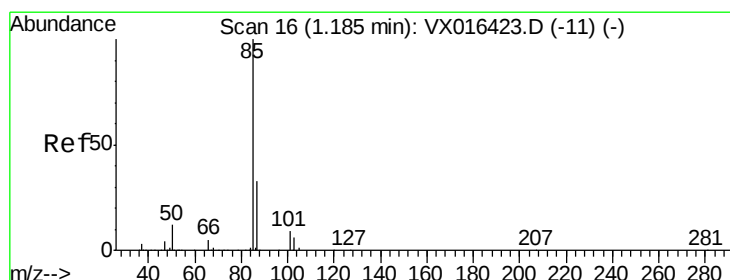
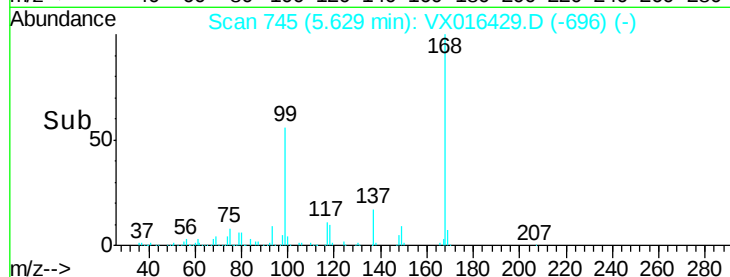
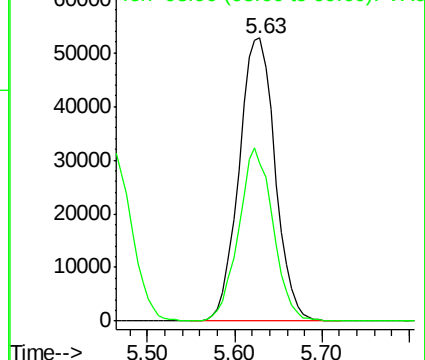
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.477 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016429.D

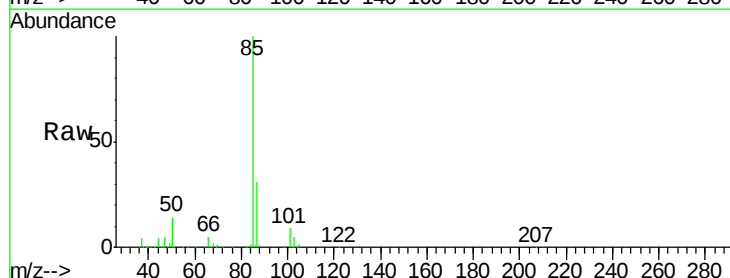
Acq: 26 May 2020 16:37

Tgt Ion: 85 Resp: 59479

Ion Ratio Lower Upper

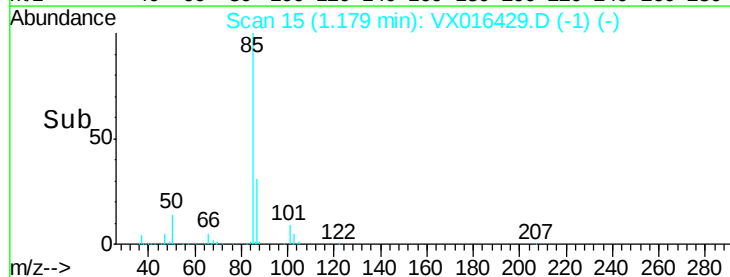
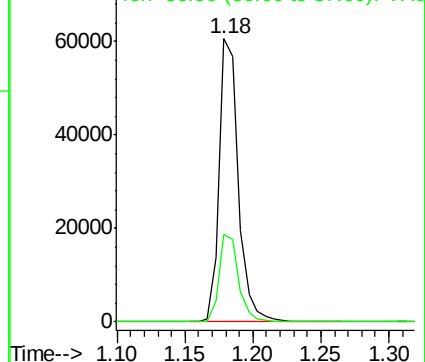
85 100

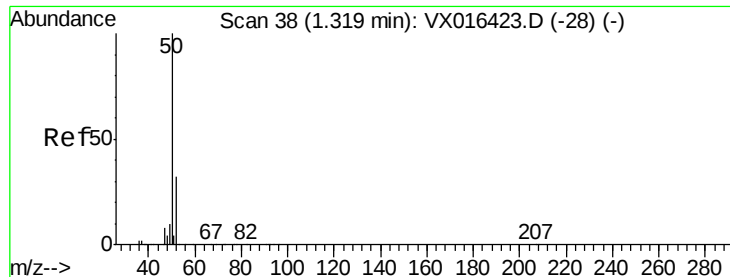
87 31.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.452 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 50 Resp: 81692

Ion Ratio Lower Upper

50 100

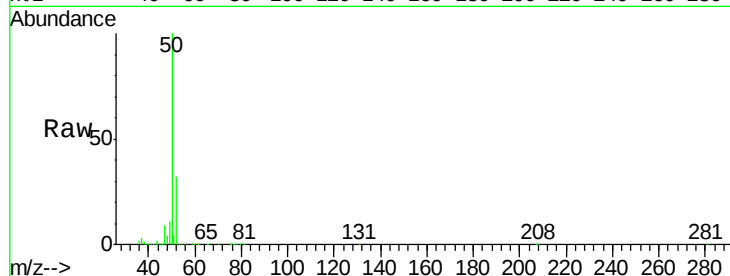
52 32.0 25.9 38.9

Manual Integrations

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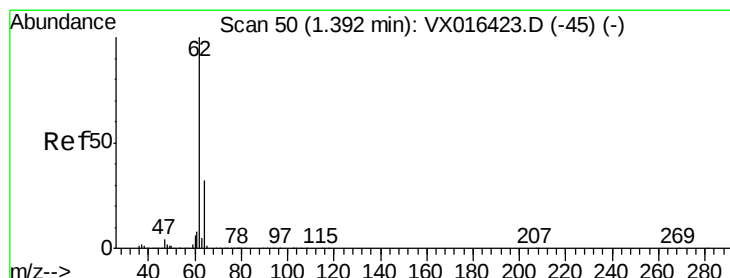
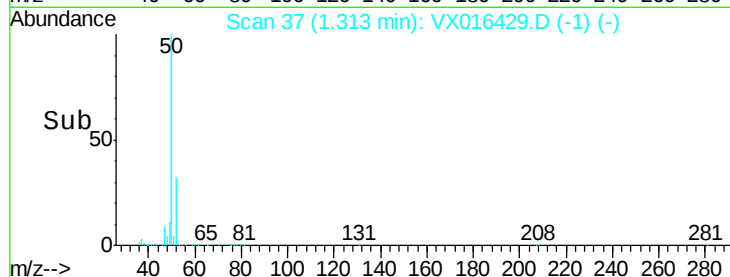
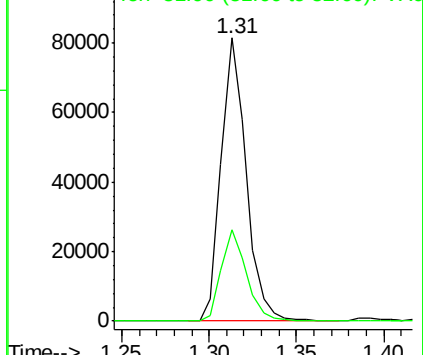
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.456 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016429.D

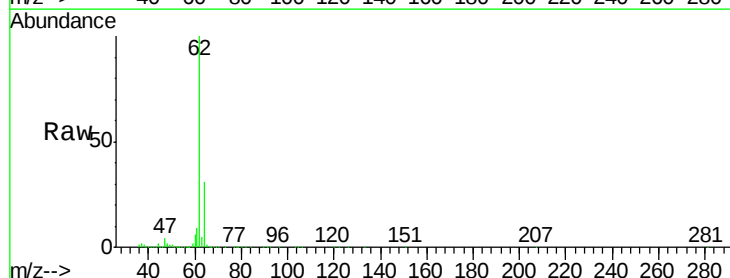
Acq: 26 May 2020 16:37

Tgt Ion: 62 Resp: 115840

Ion Ratio Lower Upper

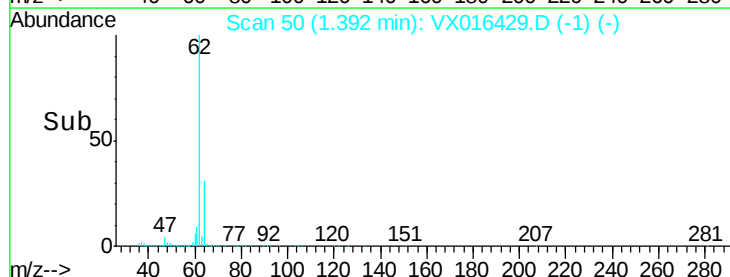
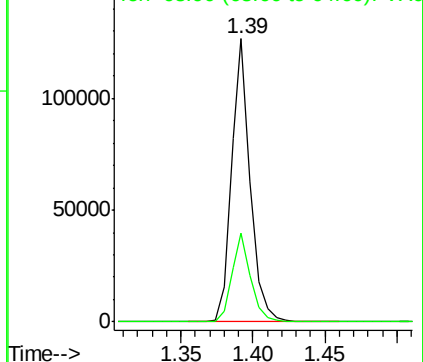
62 100

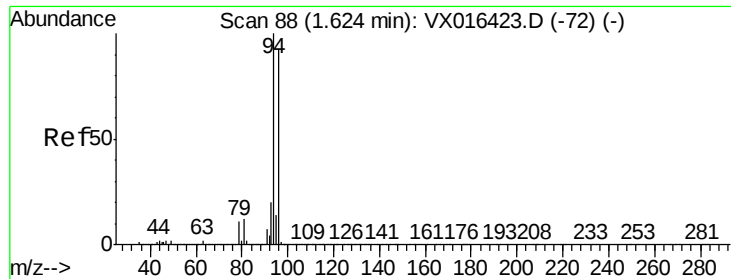
64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 61.493 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 94 Resp: 153504

Ion Ratio Lower Upper

94 100

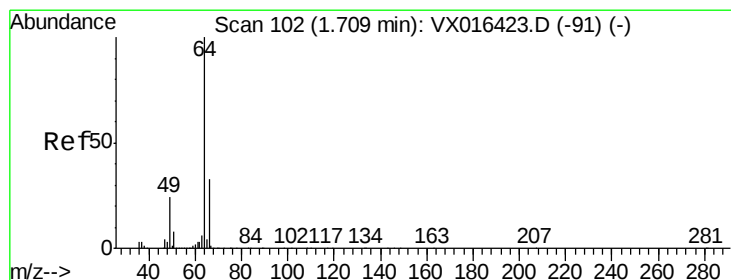
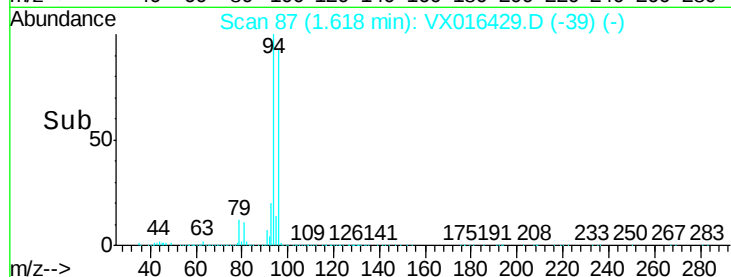
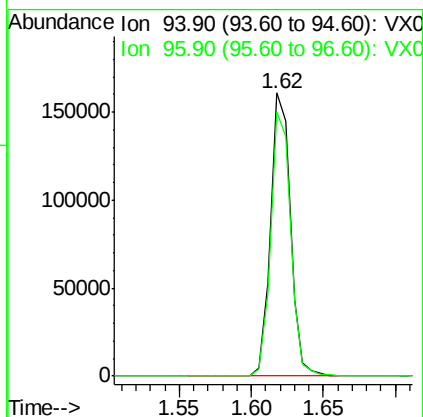
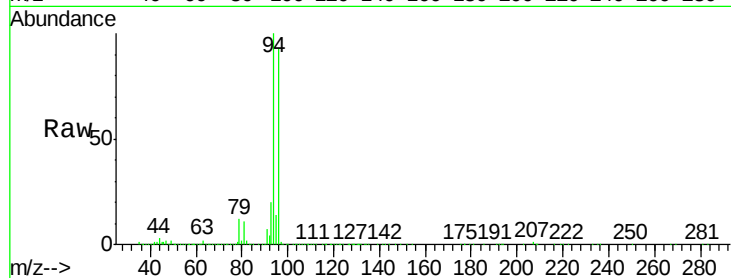
96 93.1 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 56.133 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016429.D

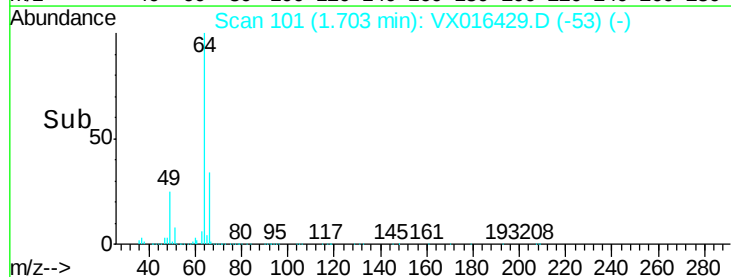
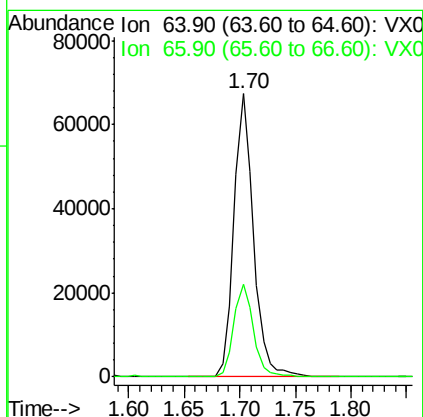
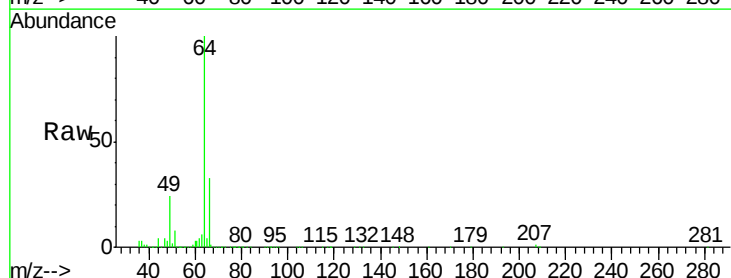
Acq: 26 May 2020 16:37

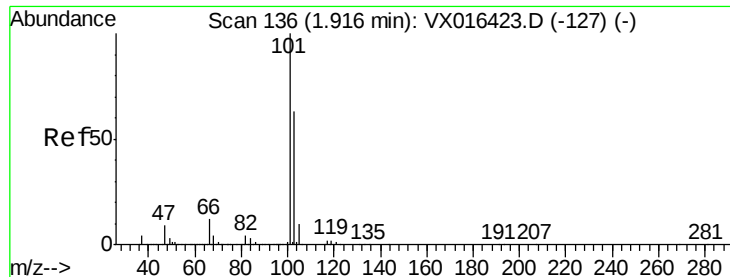
Tgt Ion: 64 Resp: 82035

Ion Ratio Lower Upper

64 100

66 32.6 26.0 39.0





#7

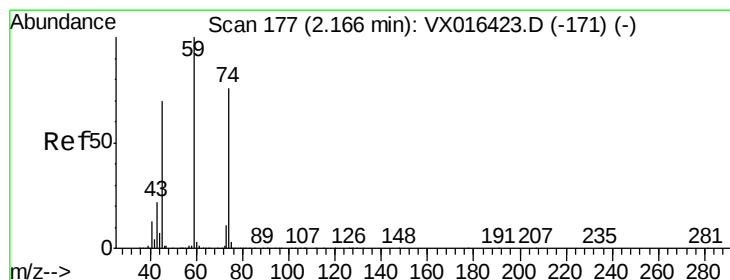
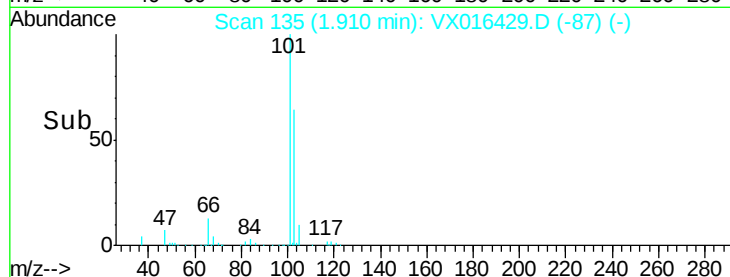
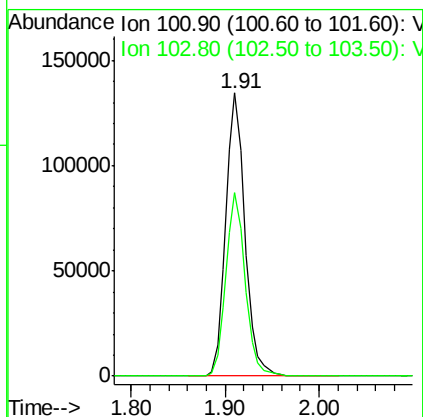
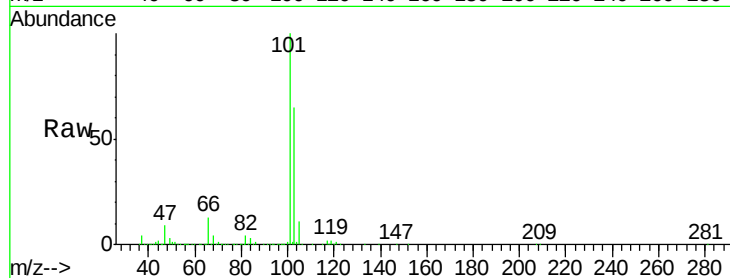
Trichlorofluoromethane
Concen: 57.663 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	190129		
103	64.6	50.1	75.1	

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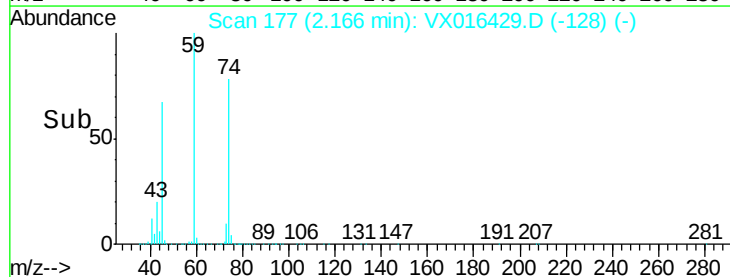
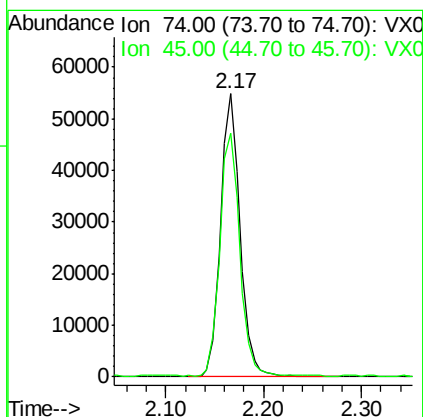
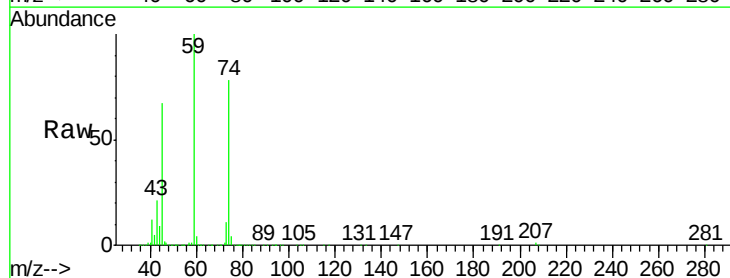
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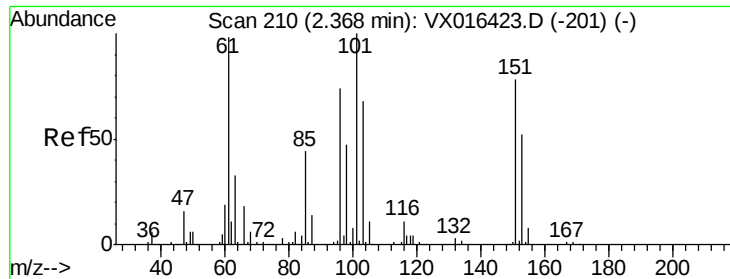


#8

Diethyl Ether
Concen: 56.257 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	75608		
45	88.4	44.4	133.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.504 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016429.D

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Instrument :

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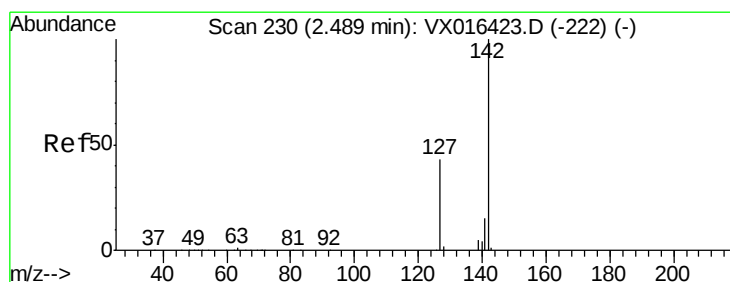
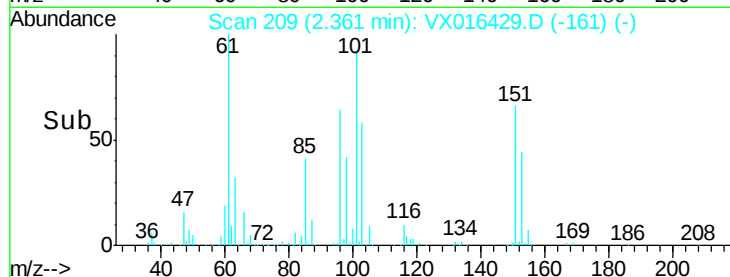
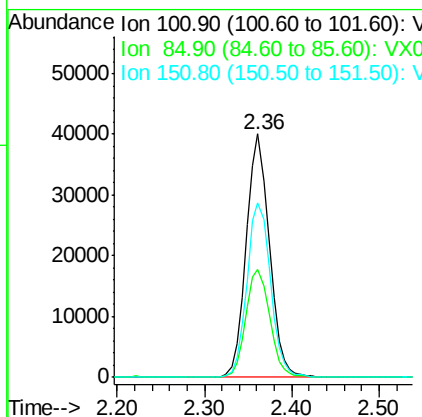
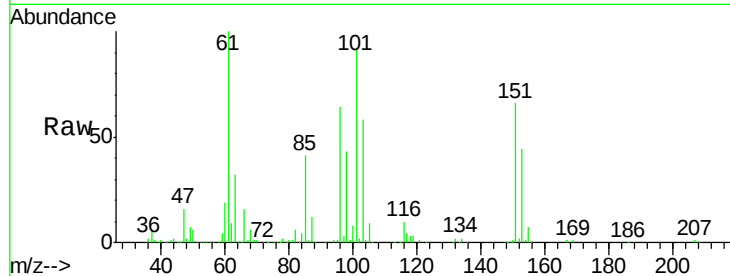
ClientSampleId :

ICVVX052620

Tot Ion:	101	Resp:	73793
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.2	54.4
151	73.5	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 46.767 ug/l

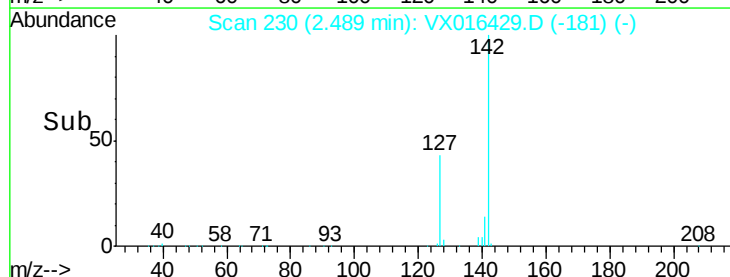
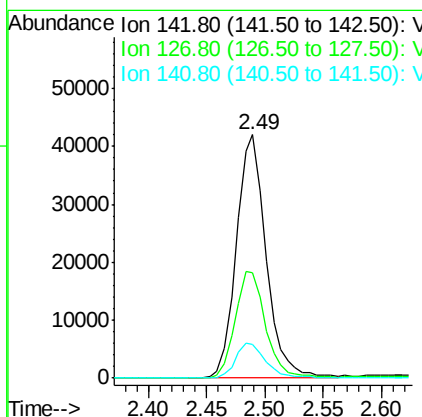
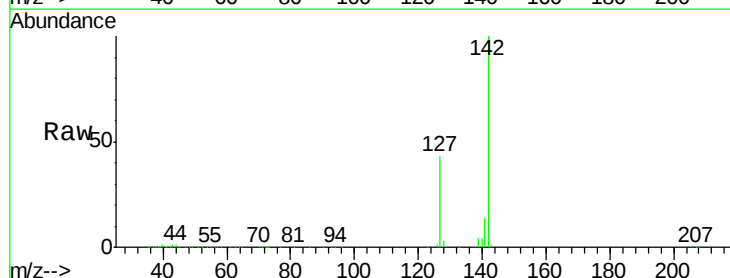
RT: 2.49 min Scan# 230

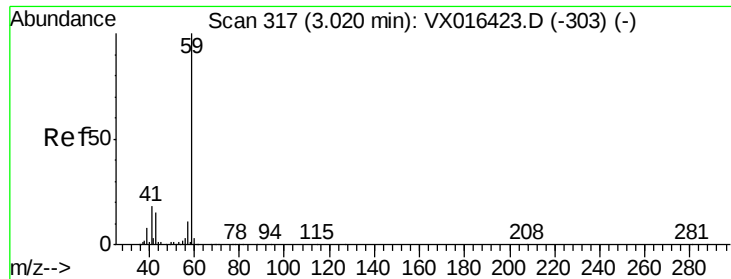
Delta R.T. 0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	142	Resp:	75063
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.2	54.4
141	14.5	12.2	18.2





#11

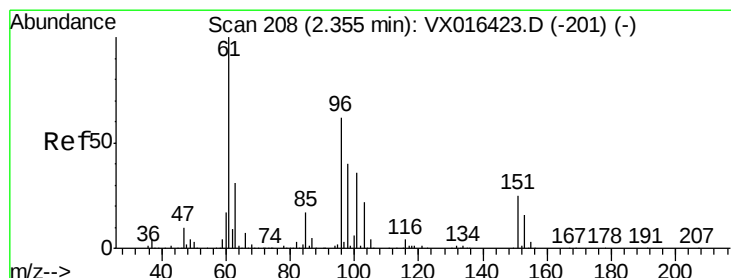
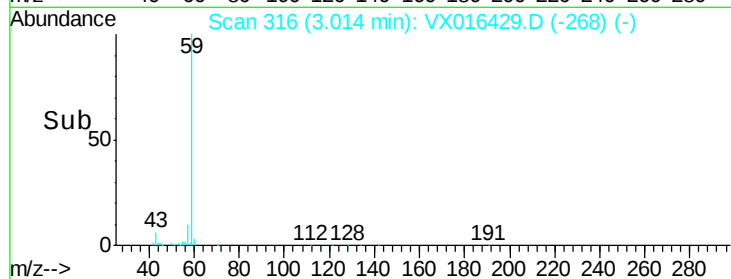
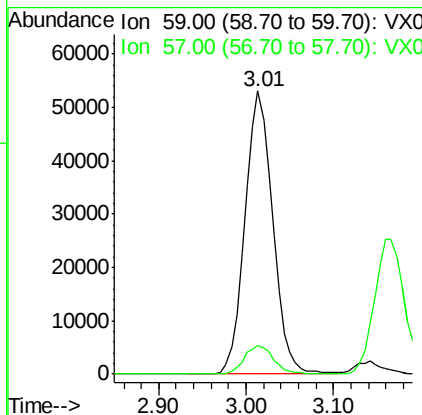
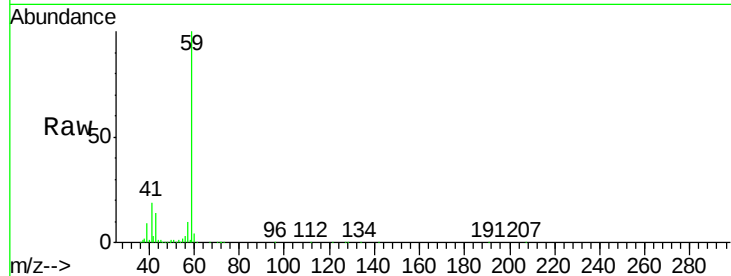
Tert butyl alcohol
Concen: 258.983 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

Manual Integrations
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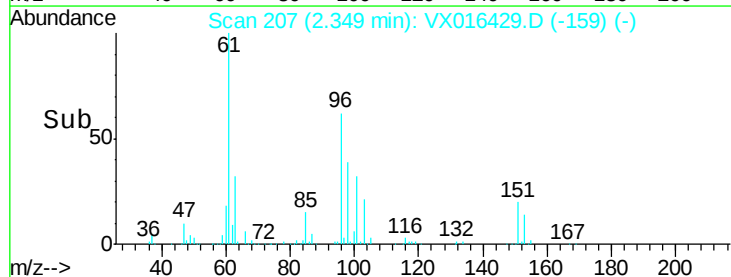
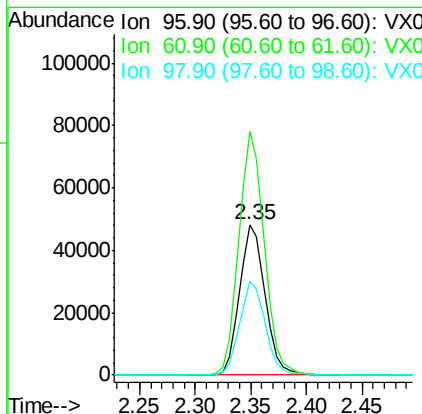
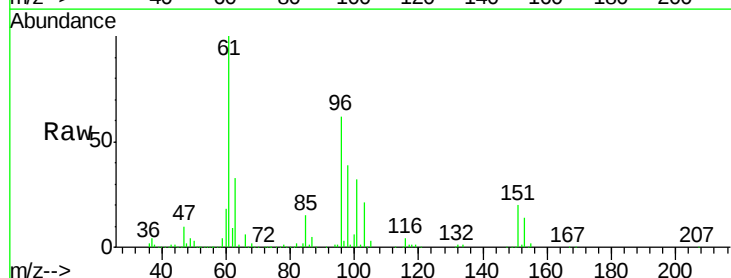
MMDadoda
5/27/2020 12:27:50 PM

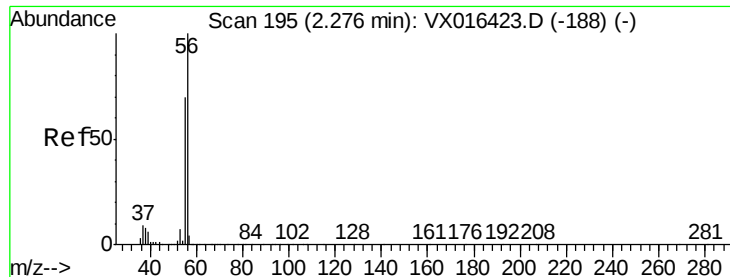


#12

1,1-Dichloroethene
Concen: 51.928 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.3	128.2	192.4
98	63.0	50.8	76.2





#13

Acrolein

Concen: 360.158 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 56 Resp: 80709

Ion Ratio Lower Upper

56 100

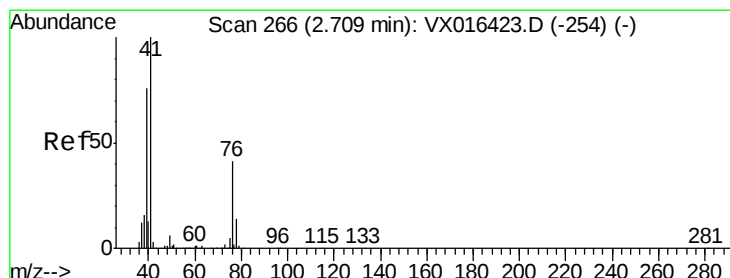
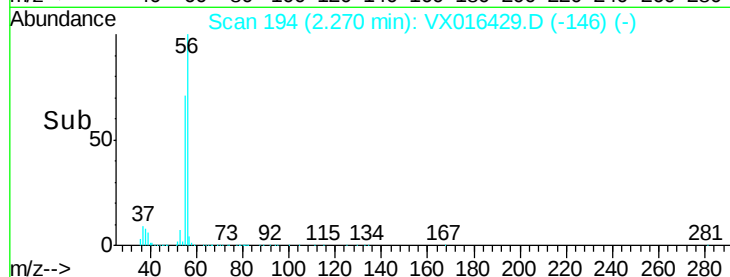
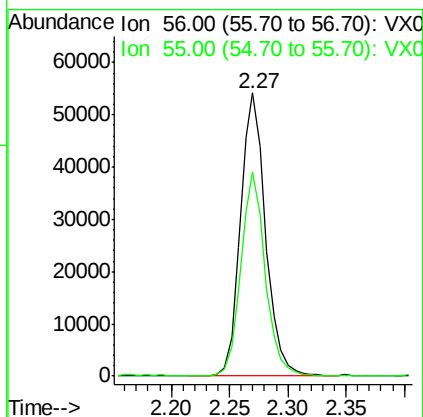
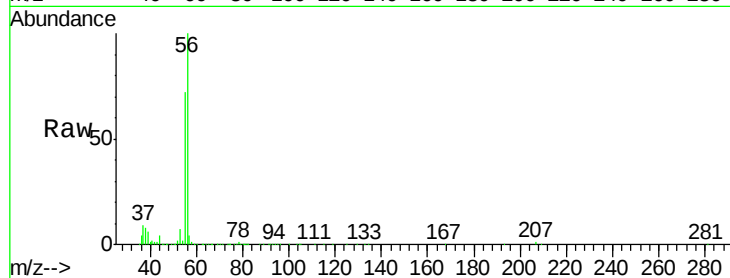
55 70.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 52.903 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

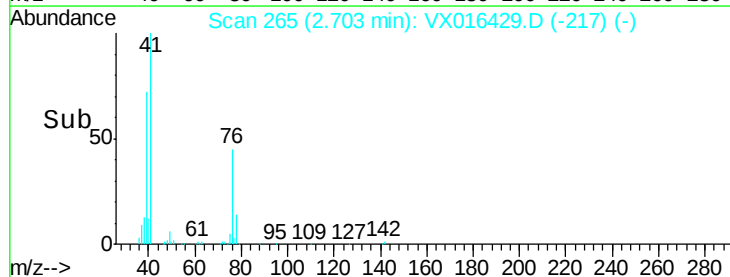
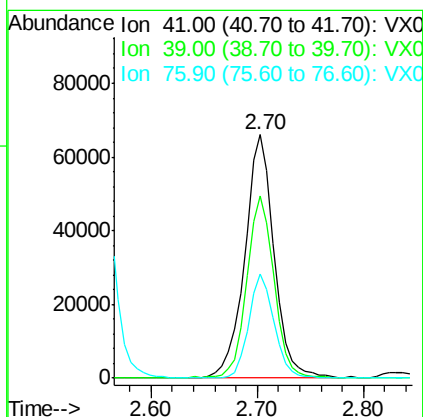
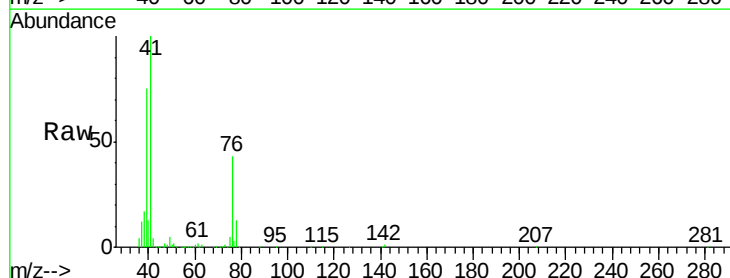
Tgt Ion: 41 Resp: 126625

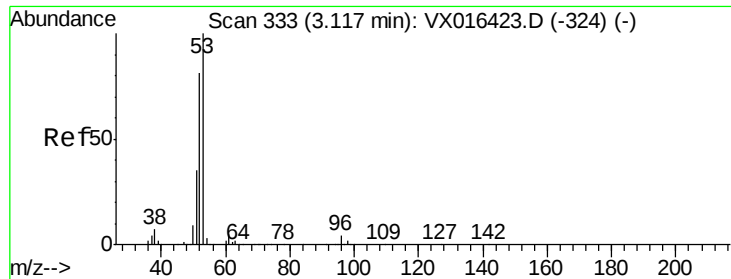
Ion Ratio Lower Upper

41 100

39 70.0 55.8 83.8

76 37.5 29.6 44.4





#15

Acrylonitrile

Concen: 269.951 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

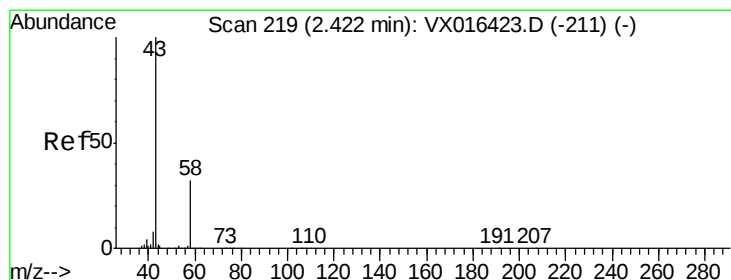
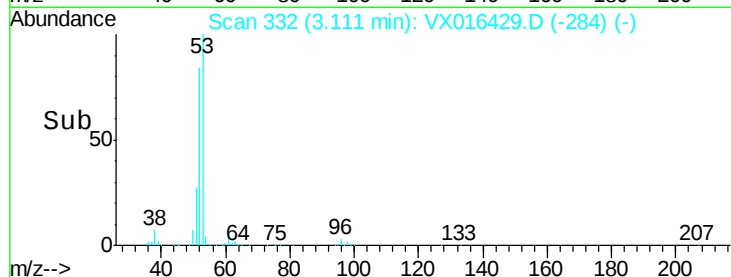
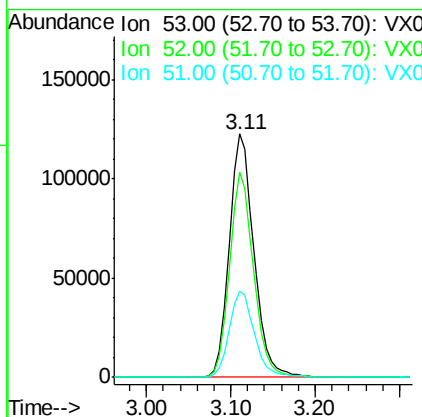
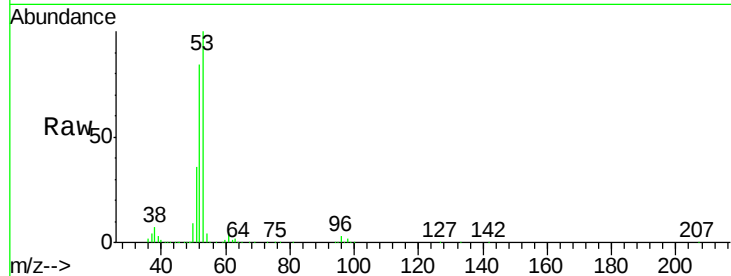
ClientSampleId :

ICVVX052620

Tot Ion	53	Resp	243342
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.4	98.2
51	36.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 269.394 ug/l

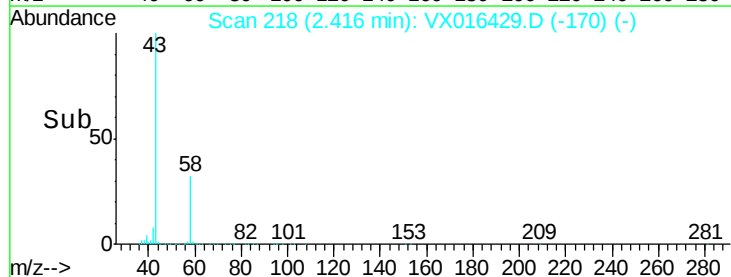
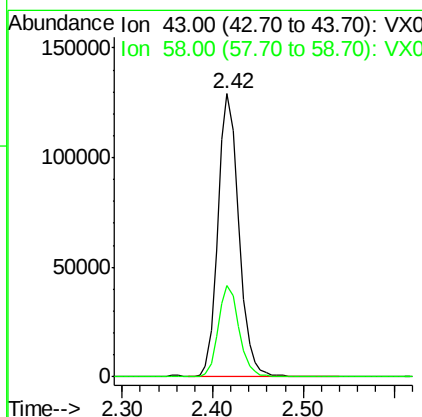
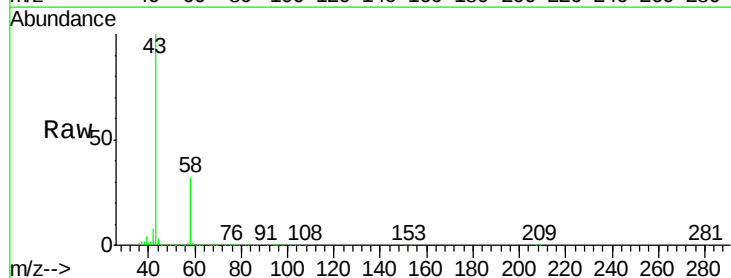
RT: 2.42 min Scan# 218

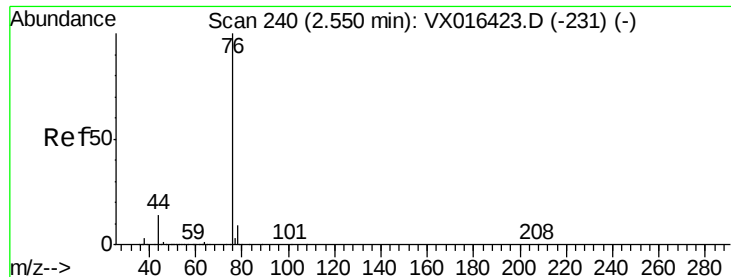
Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion	43	Resp	210133
Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.0	39.0





#17

Carbon Disulfide

Concen: 52.088 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 76 Resp: 225841

Ion Ratio Lower Upper

76 100

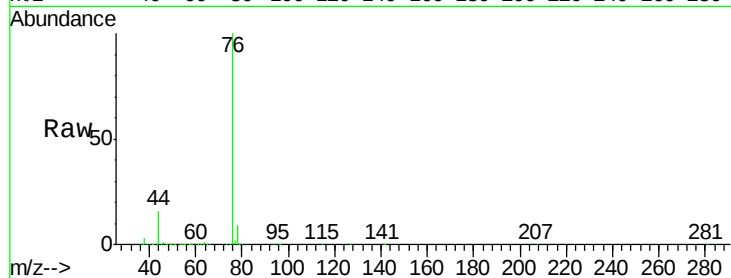
78 9.0 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

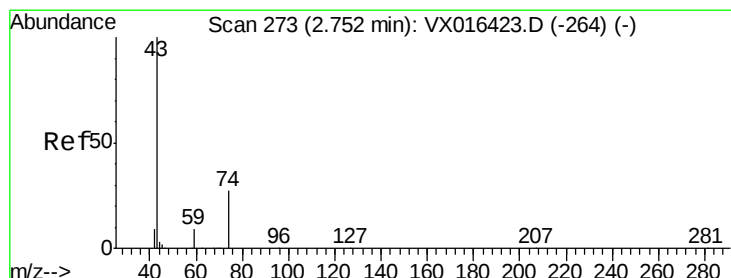
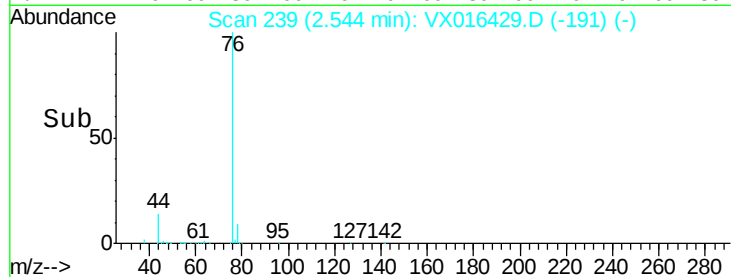
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.335 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016429.D

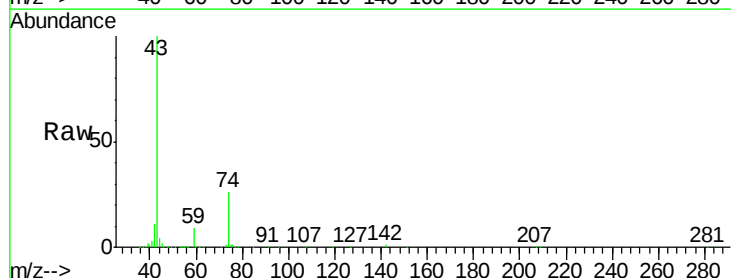
Acq: 26 May 2020 16:37

Tgt Ion: 43 Resp: 101459

Ion Ratio Lower Upper

43 100

74 26.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

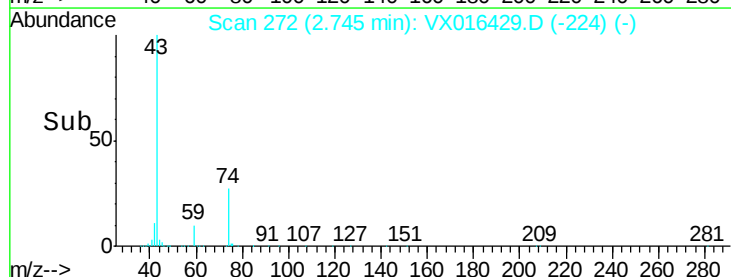
60000

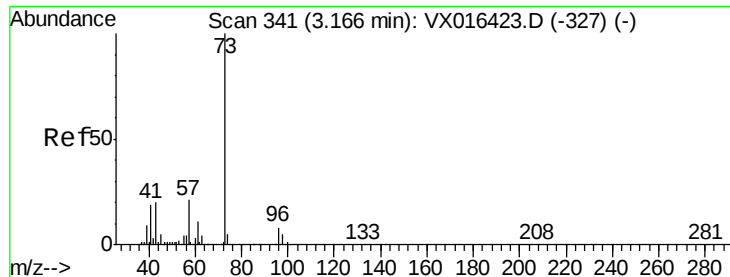
40000

20000

0

Time-->





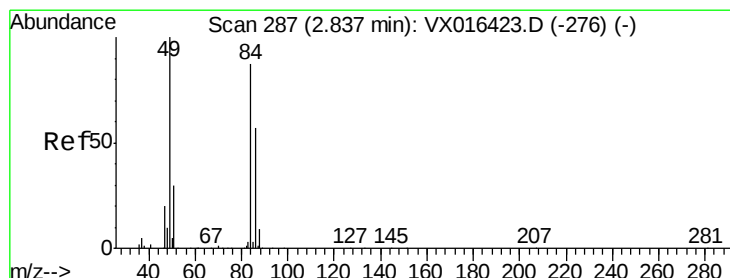
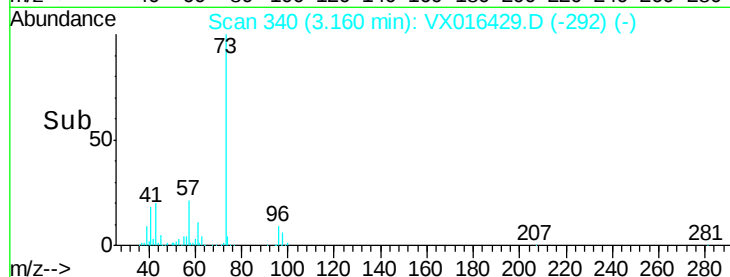
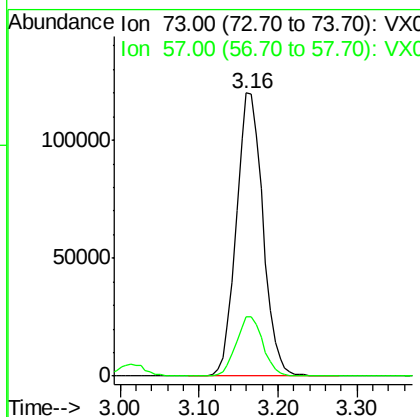
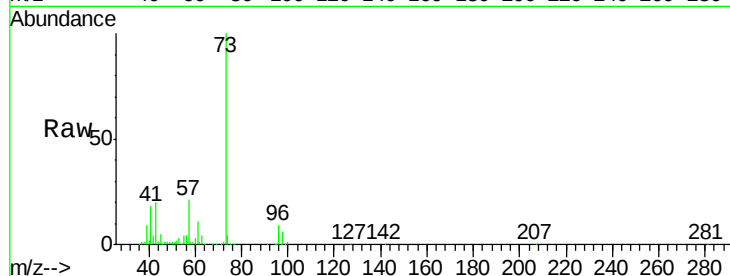
#19
Methvl tert-butvl Ether
Concen: 55.278 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.3	25.9

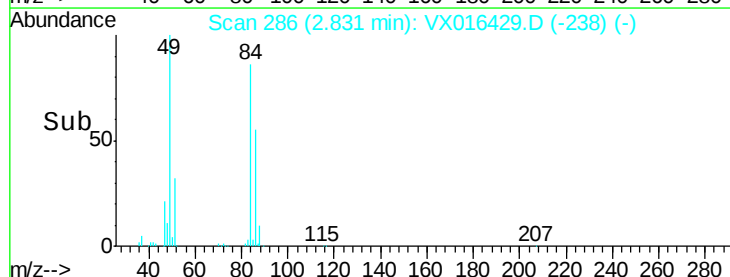
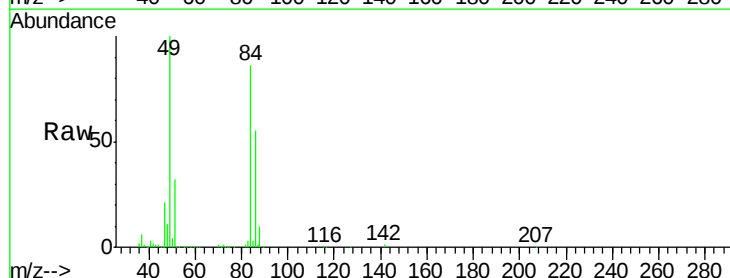
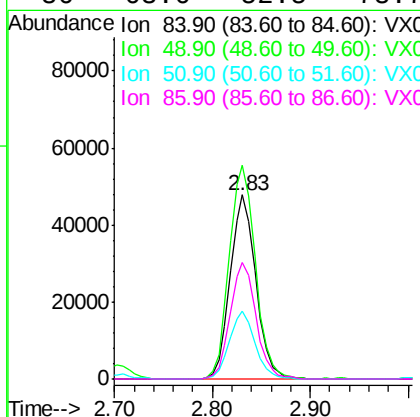
Manual Integrations
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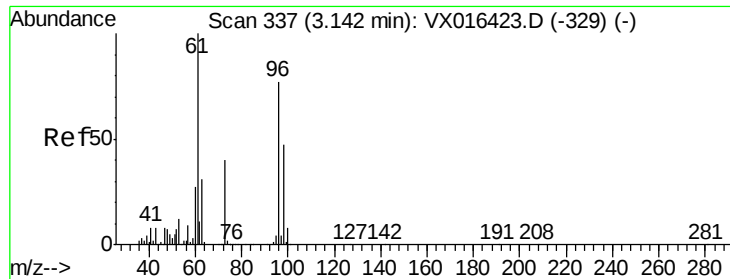
MMDadoda
5/27/2020 12:27:50 PM



#20
Methylene Chloride
Concen: 51.632 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	92.2	138.4
51	36.8	27.8	41.8
86	63.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 52.641 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

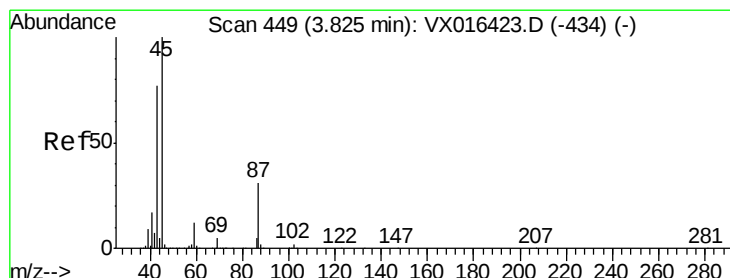
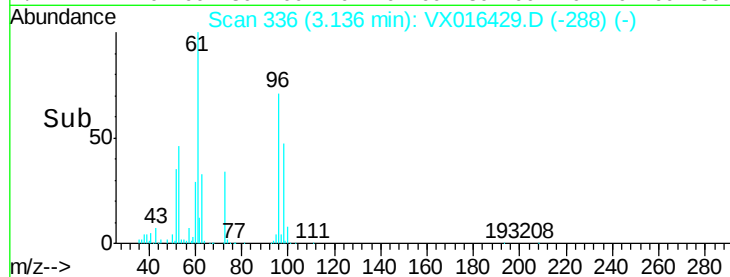
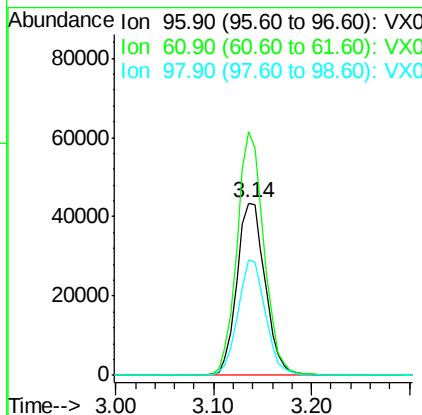
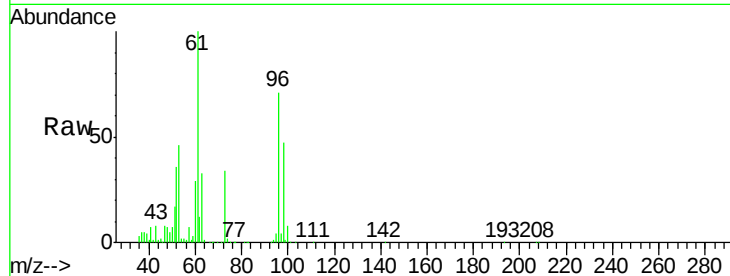
ClientSampleId :

ICVVX052620

Tot Ion:	96	Resp:	87648
Ion	Ratio	Lower	Upper
96	100		
61	141.2	104.3	156.5
98	66.8	49.4	74.0

Manual Integrations
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5/27/2020 12:27:50 PM



#22

Diisopropyl ether

Concen: 56.208 ug/l

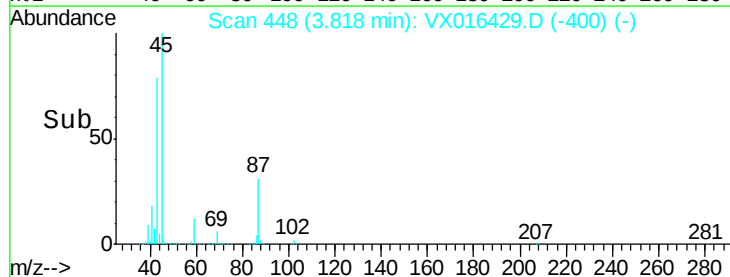
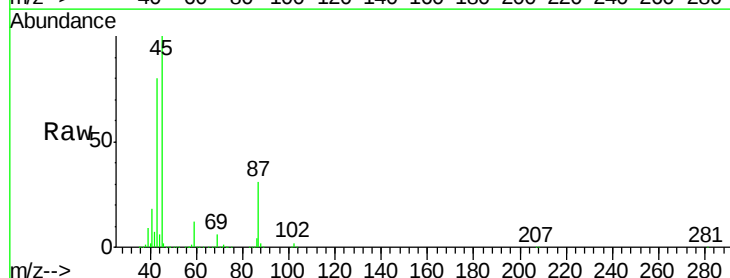
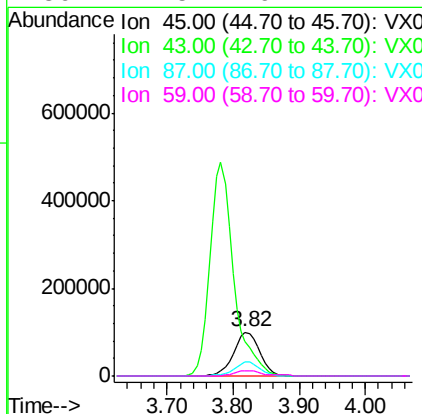
RT: 3.82 min Scan# 448

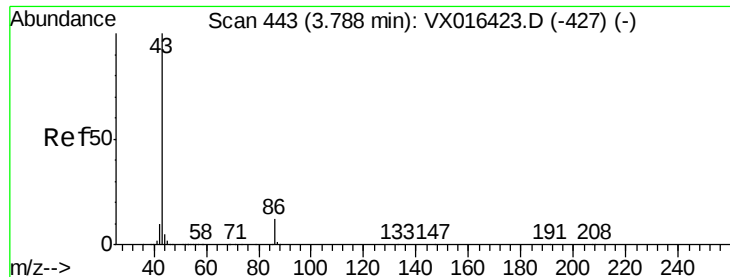
Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	45	Resp:	271015
Ion	Ratio	Lower	Upper
45	100		
43	79.2	61.4	92.2
87	31.3	24.4	36.6
59	11.5	9.4	14.2





#23

Vinyl Acetate

Concen: 281.603 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tot Ion: 43 Resp: 1214239

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.8

Instrument :

MSVOA_X

ClientSampleId :

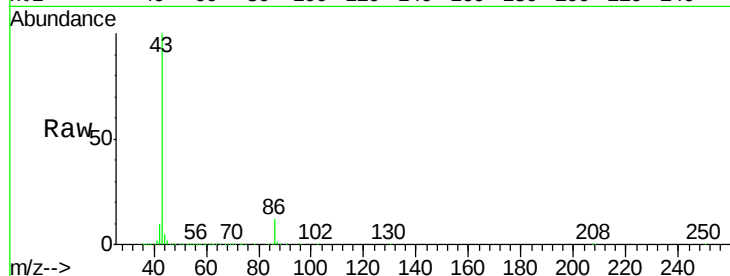
ICVVX052620

Manual Integrations

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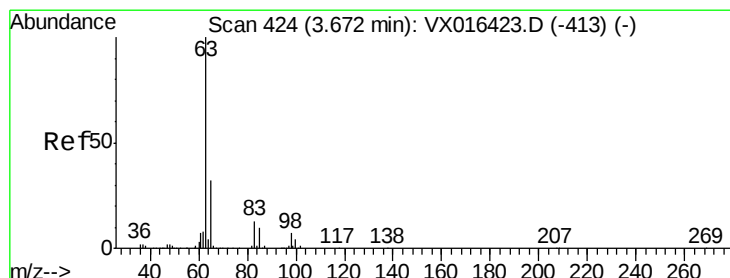
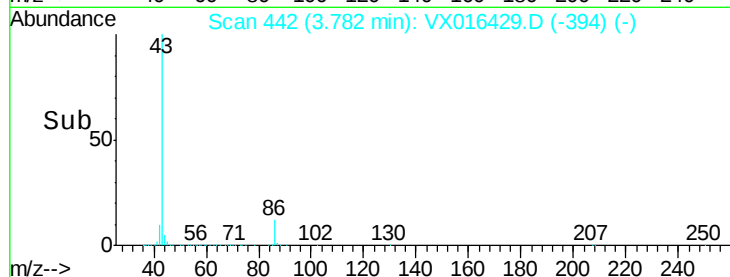
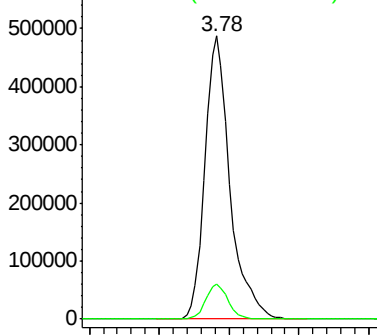
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.195 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

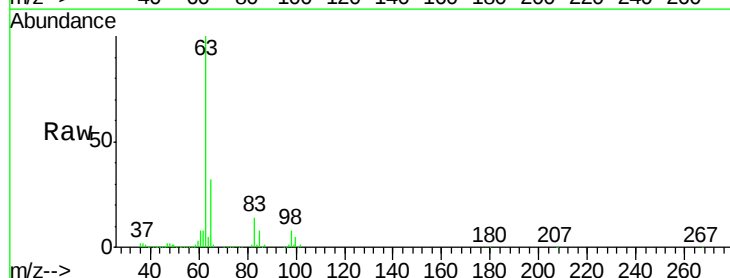
Tgt Ion: 63 Resp: 154991

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

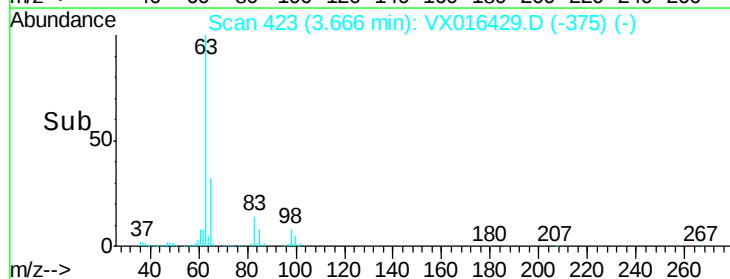
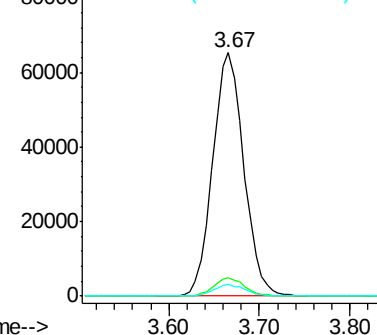
100 4.7 2.1 6.5

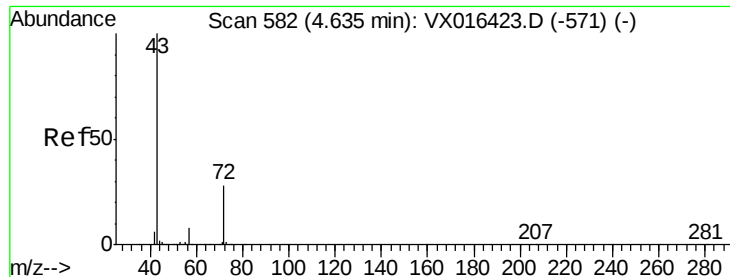


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





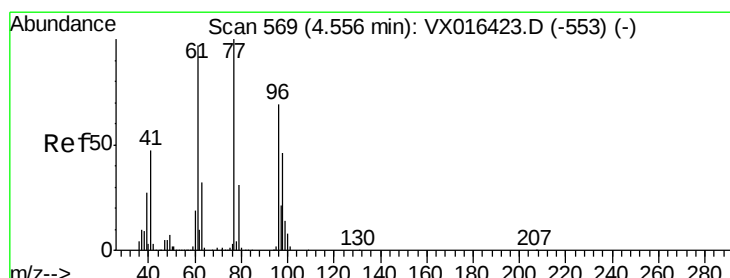
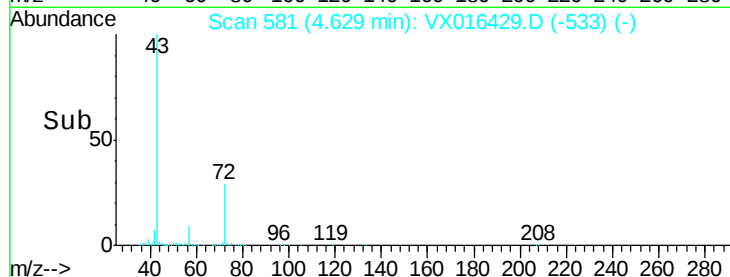
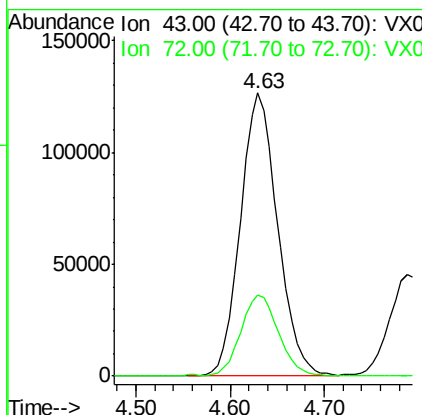
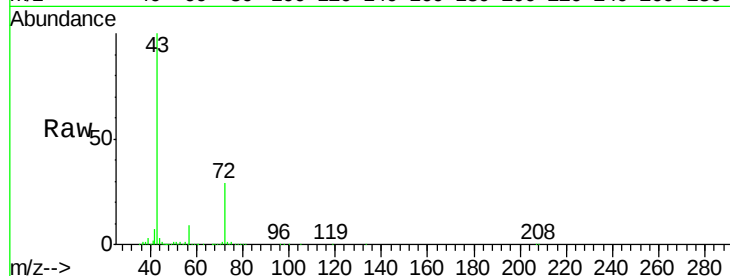
#25
2-Butanone
Concen: 275.936 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion: 43 Resp: 349721
Ion Ratio Lower Upper
43 100
72 28.4 22.7 34.1

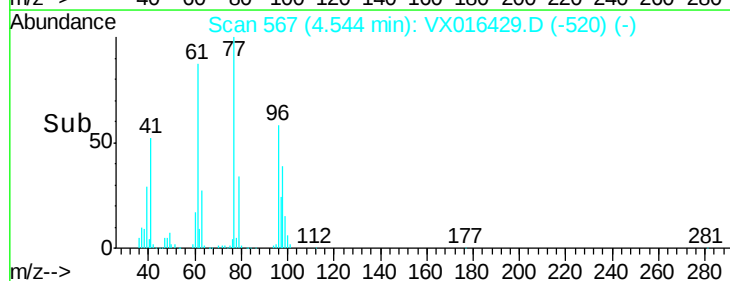
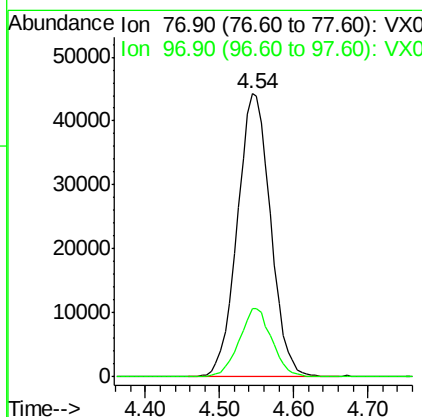
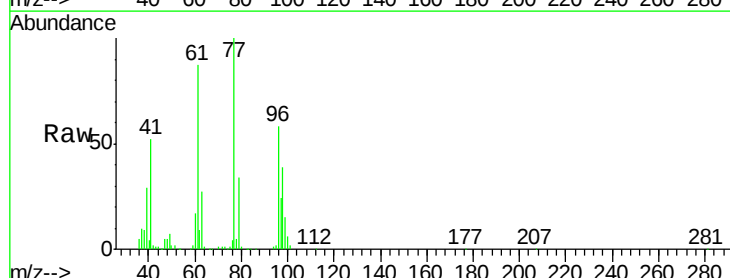
Manual Integrations
APPROVED

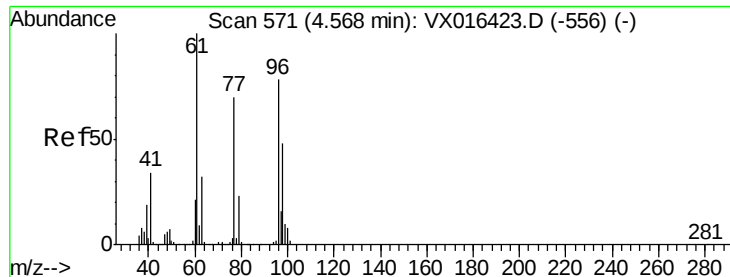
MMDadoda
5/27/2020 12:27:50 PM



#26
2,2-Dichloropropane
Concen: 53.315 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion: 77 Resp: 138590
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5





#27

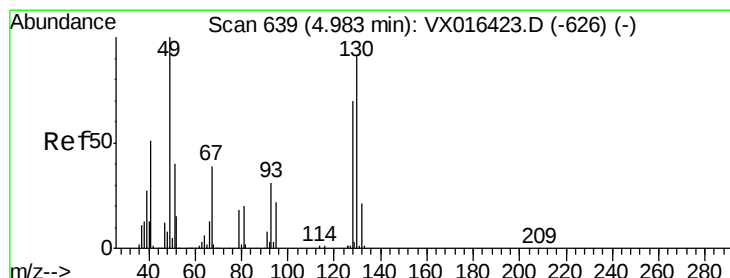
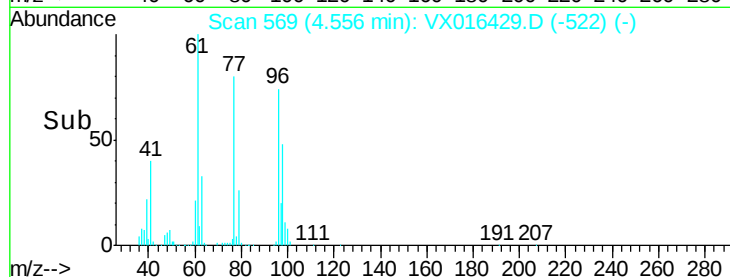
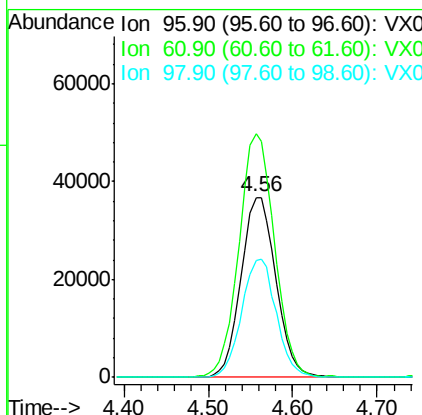
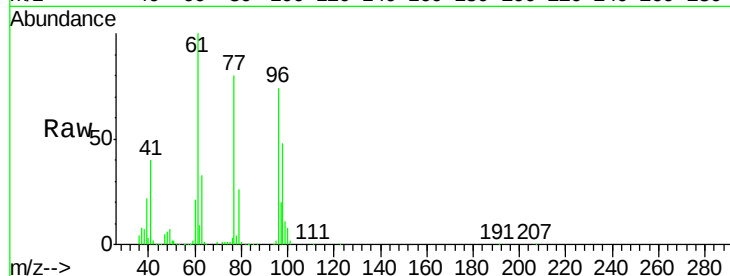
cis-1,2-Dichloroethene
Concen: 54.447 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.0	0.0	271.0	
98	64.9	0.0	127.6	

Manual Integrations
APPROVED

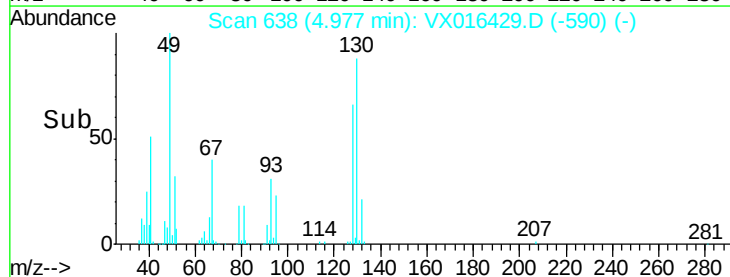
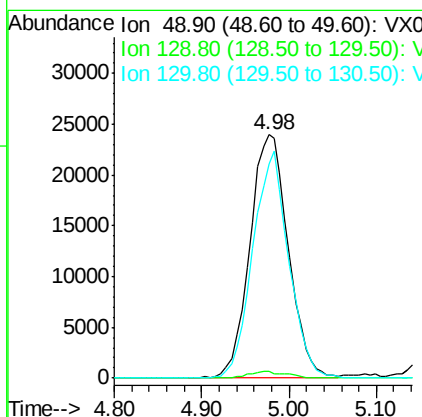
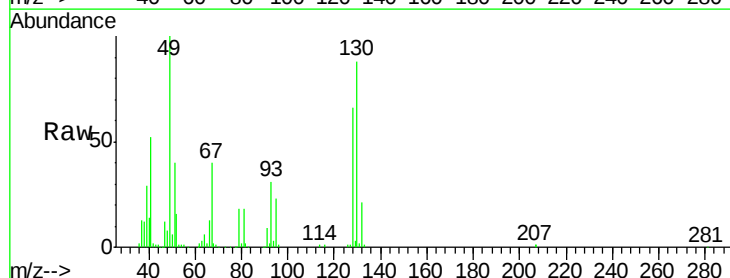
MMDadoda
5/27/2020 12:27:50 PM

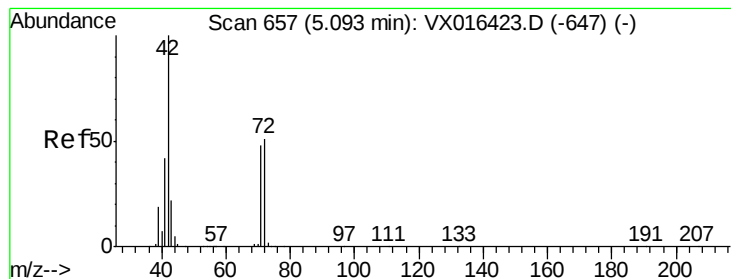


#28

Bromochloromethane
Concen: 53.292 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	4.8	
130	87.1	71.2	106.8	





#29

Tetrahydrofuran

Concen: 283.163 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

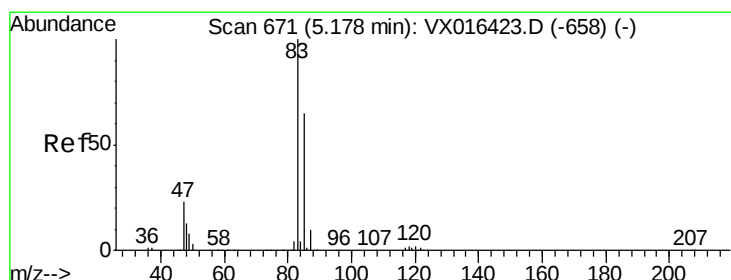
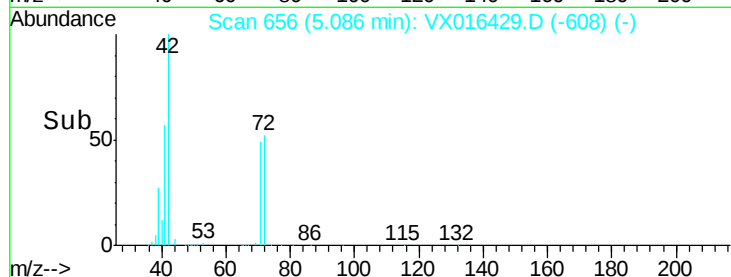
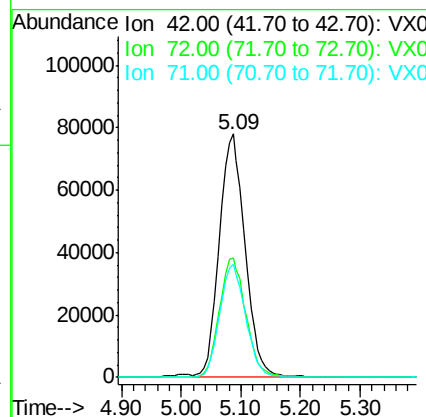
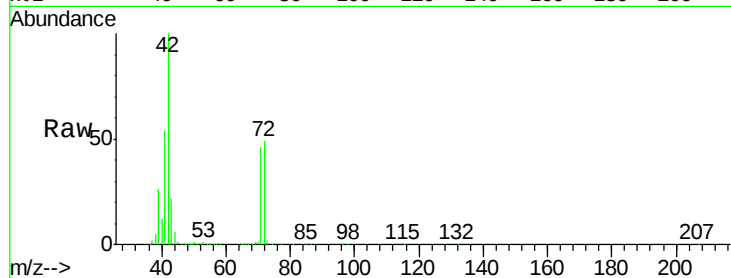
ClientSampleId :

ICVVX052620

Tot Ion:	42	Resp:	232592
Ion Ratio		Lower	Upper
42	100		
72	50.8	40.2	60.4
71	46.9	37.7	56.5

Manual Integrations
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#30

Chloroform

Concen: 57.073 ug/l

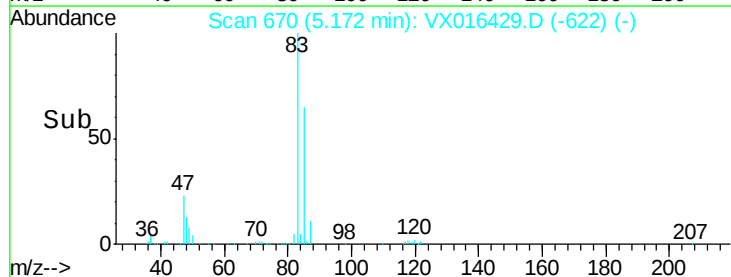
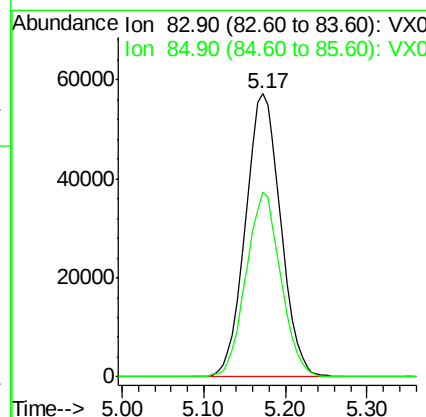
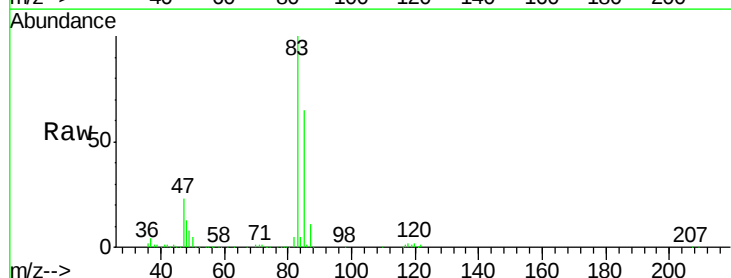
RT: 5.17 min Scan# 670

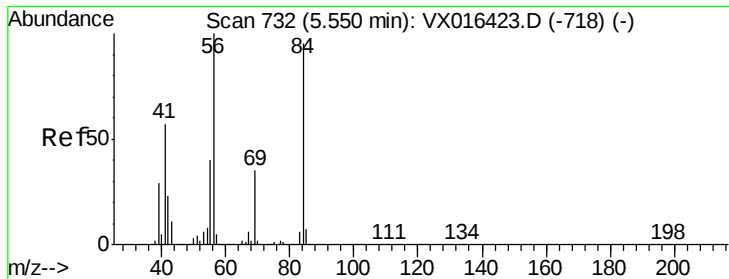
Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	83	Resp:	171520
Ion Ratio		Lower	Upper
83	100		
85	65.3	52.1	78.1





#31

Cyclohexane

Concen: 56.369 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

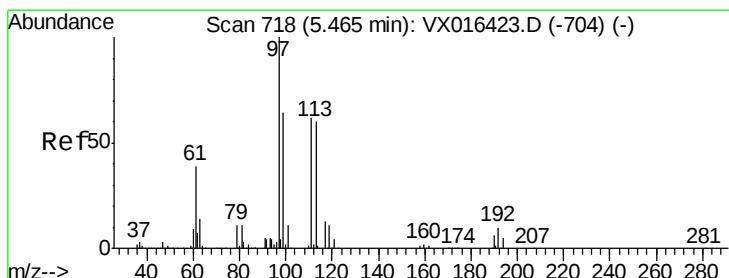
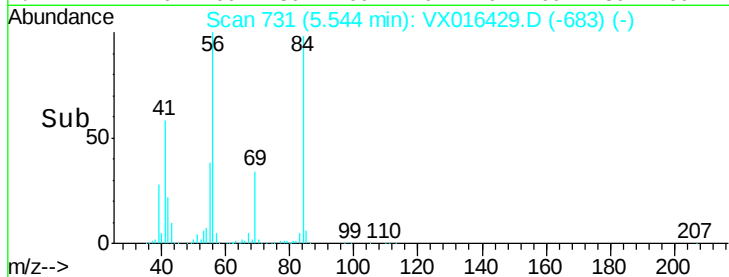
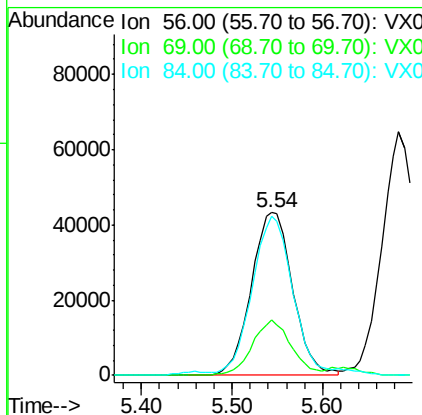
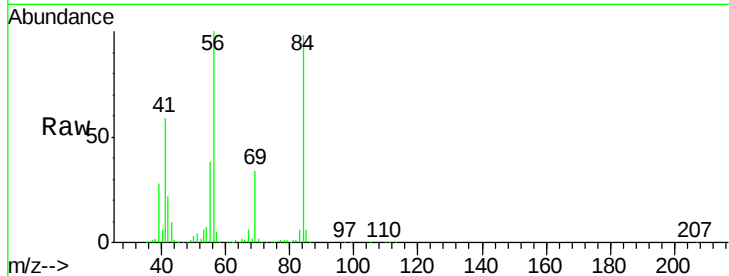
ClientSampleId :

ICVX052620

Tot Ion:	56	Resp:	136818
Ion Ratio	Lower	Upper	
56	100		
69	33.8	27.7	41.5
84	95.8	76.1	114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 56.712 ug/l

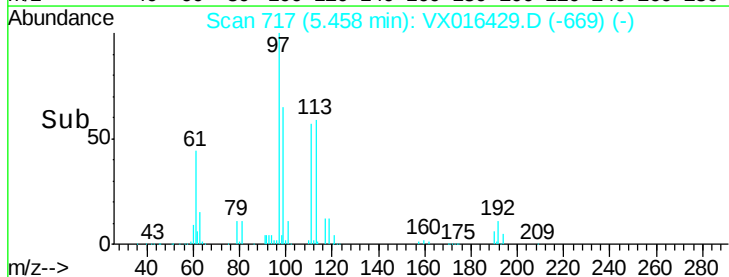
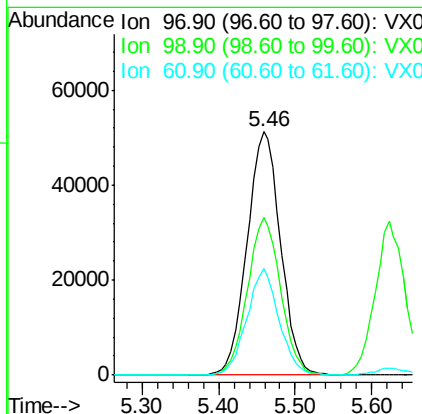
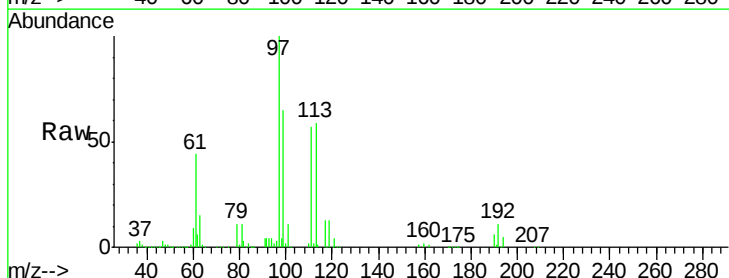
RT: 5.46 min Scan# 717

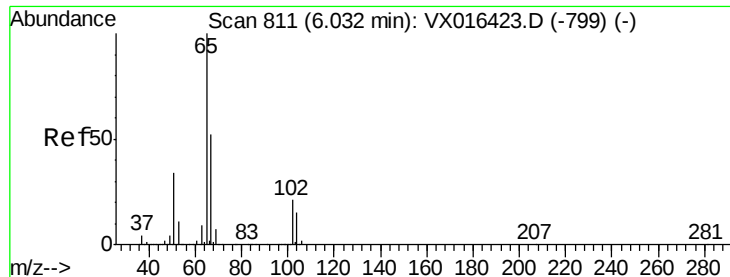
Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	97	Resp:	156057
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.1	76.7
61	41.7	33.1	49.7





#33

1,2-Dichloroethane-d4

Concen: 53.286 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 65 Resp: 104350

Ion Ratio Lower Upper

65 100

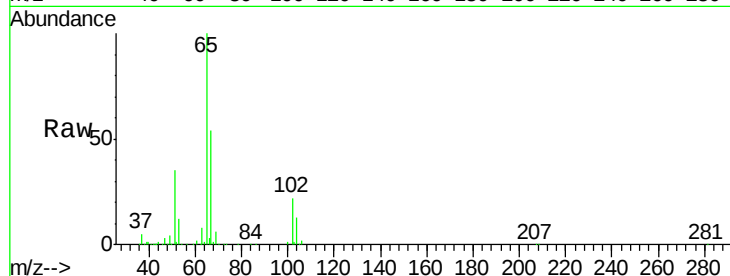
67 51.4 0.0 104.2

Manual Integrations

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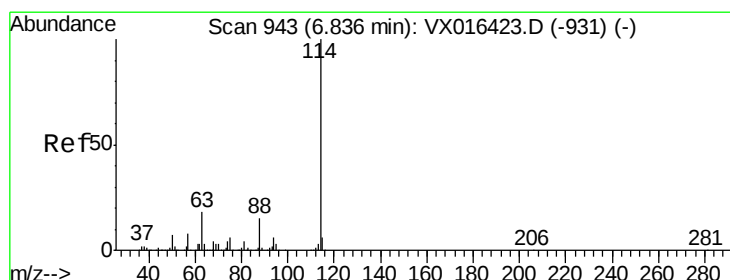
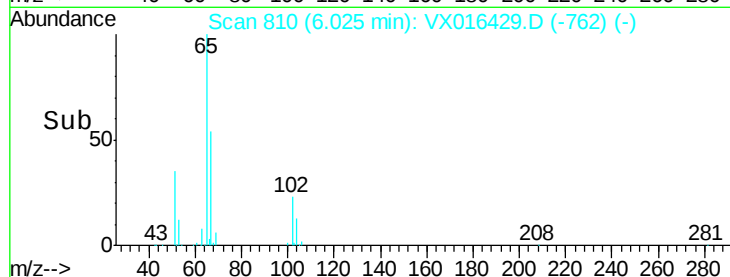
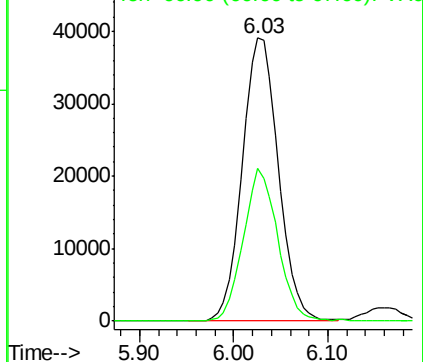
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

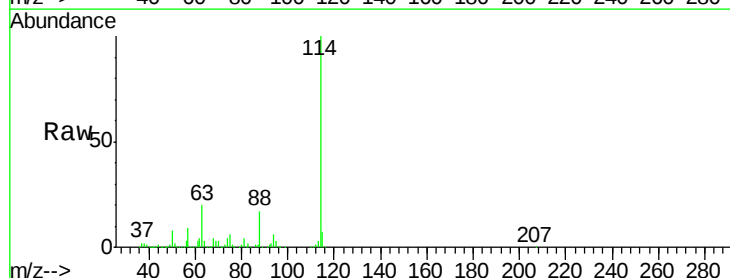
Tgt Ion: 114 Resp: 256833

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

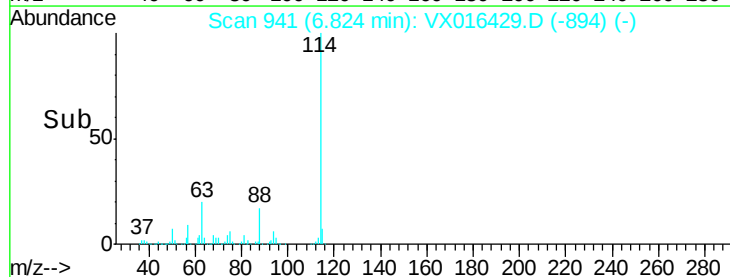
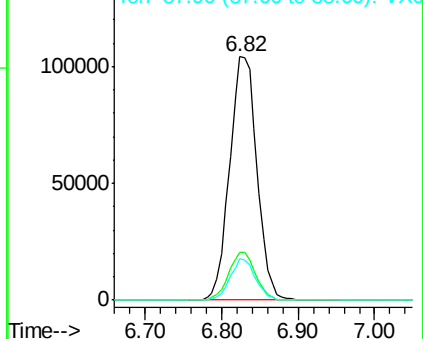
88 17.0 0.0 29.2

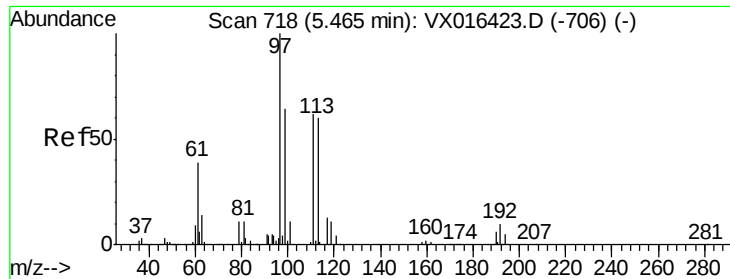


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





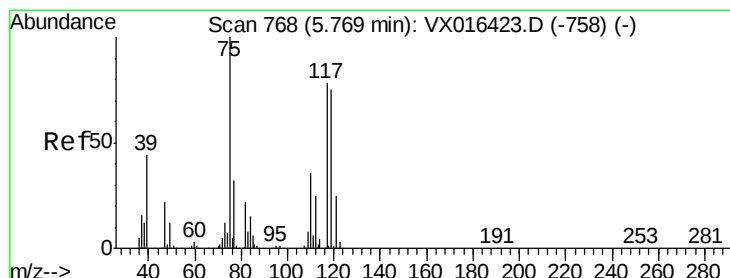
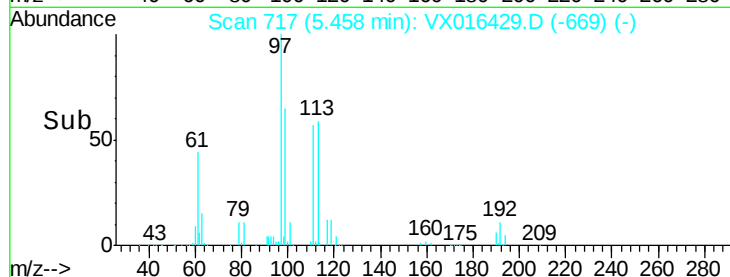
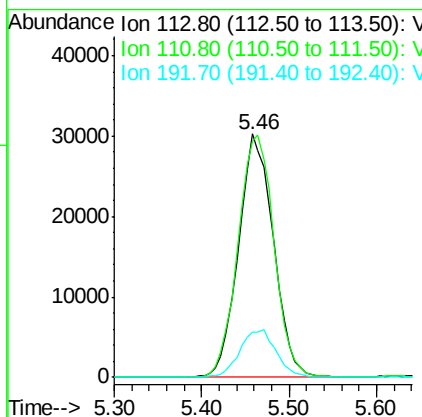
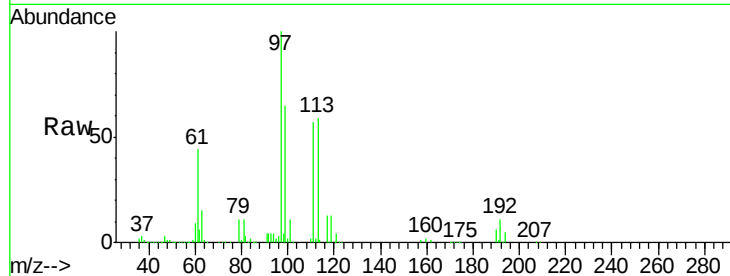
#35
Dibromofluoromethane
Concen: 51.200 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.5	123.7
192	20.2	16.5	24.7

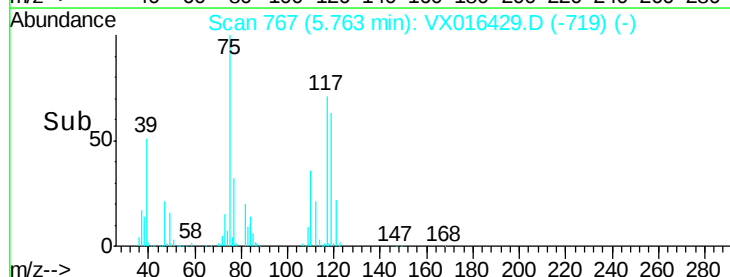
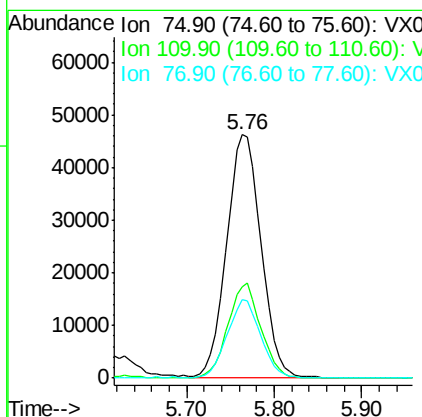
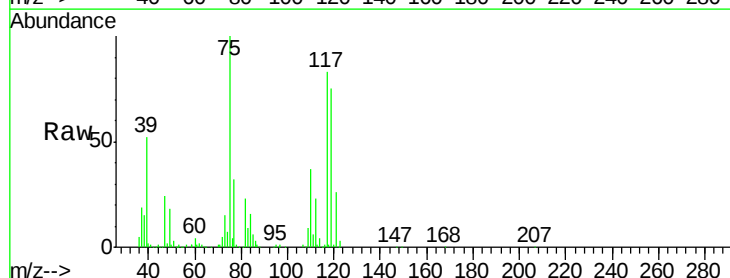
Manual Integrations
APPROVED

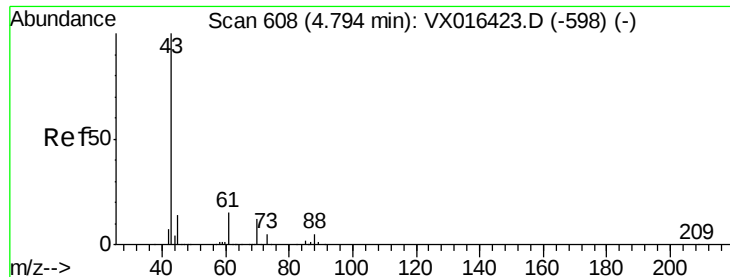
MMDadoda
5/27/2020 12:27:50 PM



#36
1,1-Dichloropropene
Concen: 55.186 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.7	56.1
77	31.8	24.9	37.3





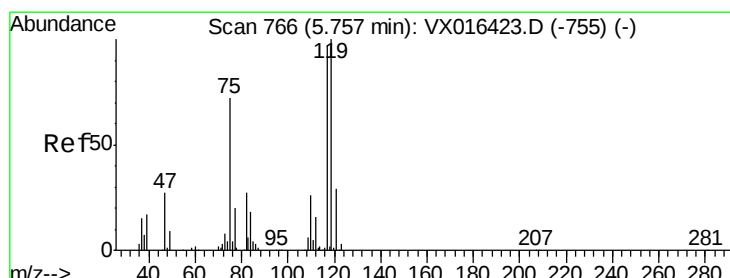
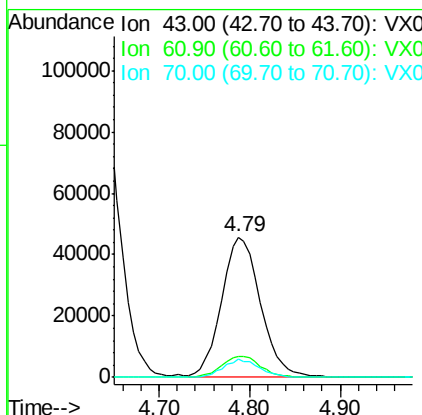
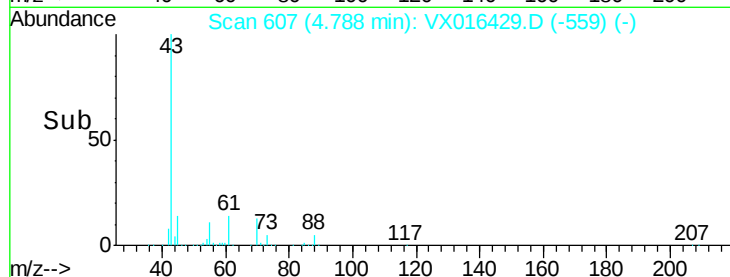
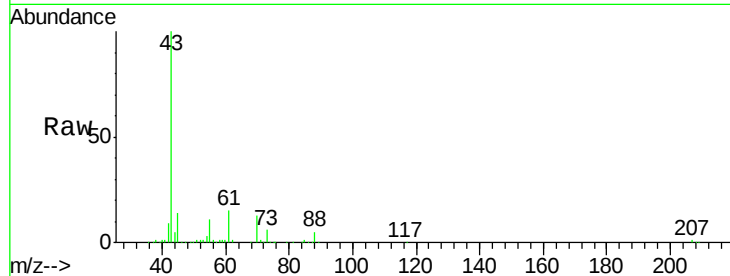
#37
Ethyl Acetate
Concen: 53.620 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampled :
ICVVX052620

Tot Ion:	43	Resp:	134921
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.8	17.8
70	12.2	9.6	14.4

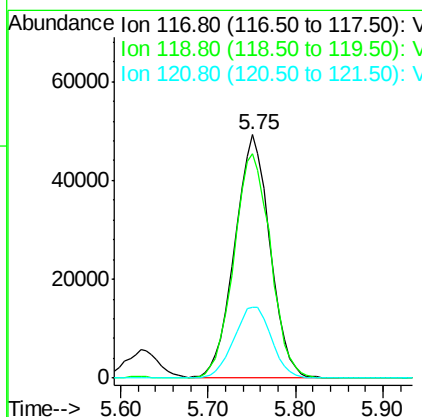
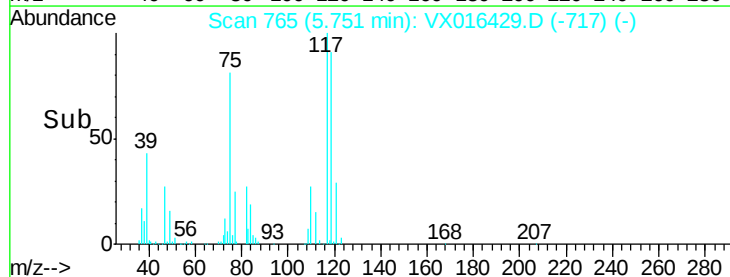
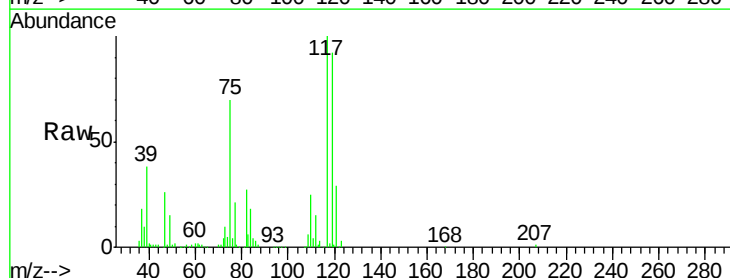
Manual Integrations
APPROVED

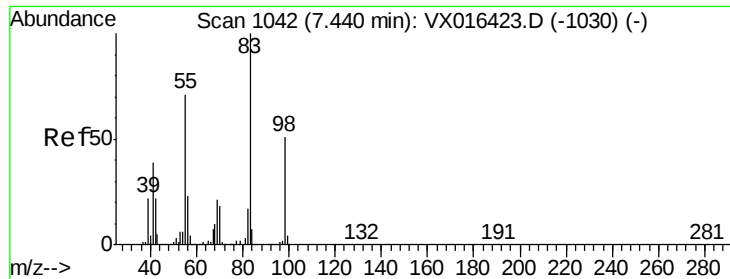
MMDadoda
5/27/2020 12:27:50 PM



#38
Carbon Tetrachloride
Concen: 56.115 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion:	117	Resp:	138476
Ion	Ratio	Lower	Upper
117	100		
119	92.2	82.2	123.4
121	29.4	24.1	36.1





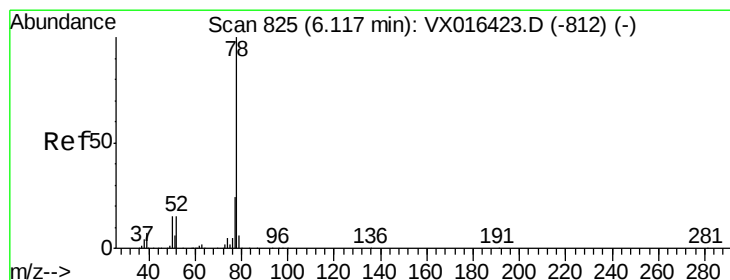
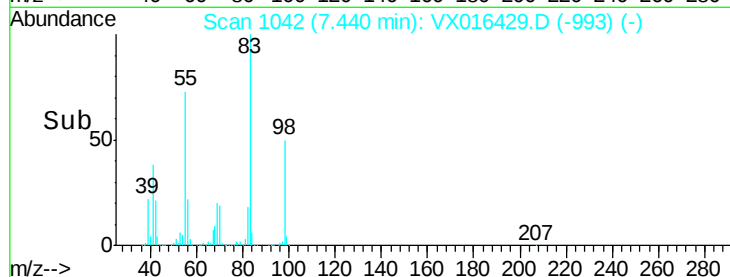
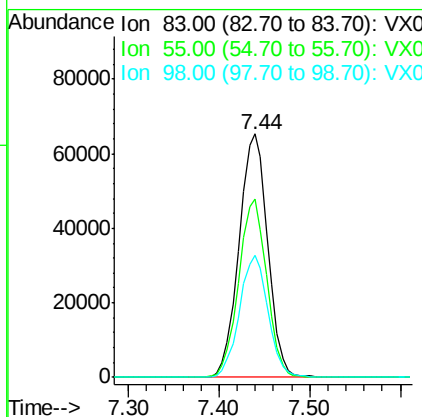
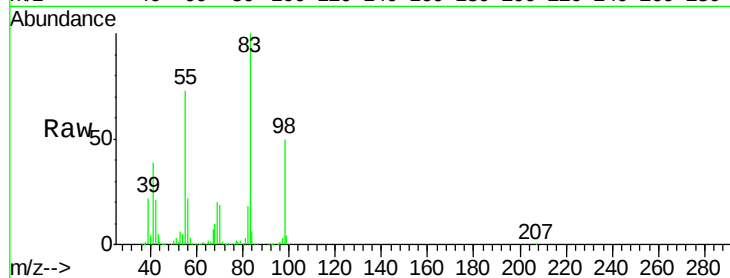
#39
Methvlcvclohexane
Concen: 56.668 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	56.8	85.2
98	50.1	40.6	61.0

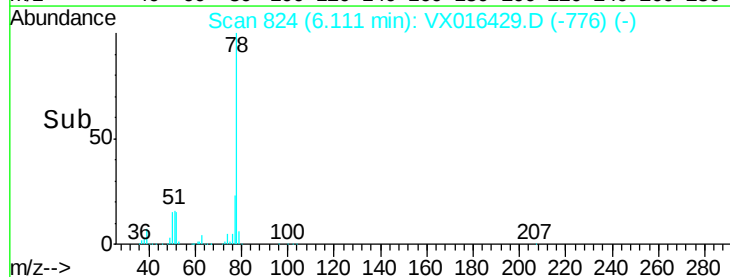
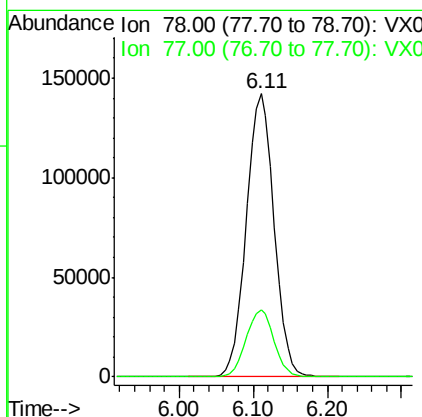
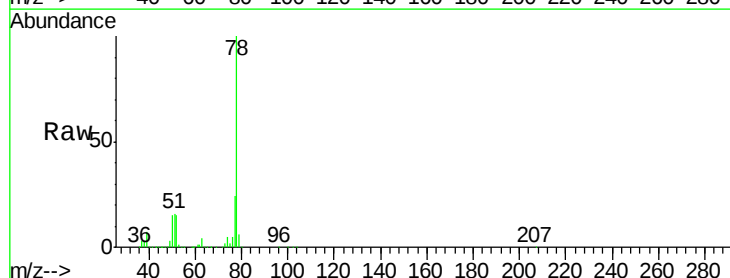
Manual Integrations
APPROVED

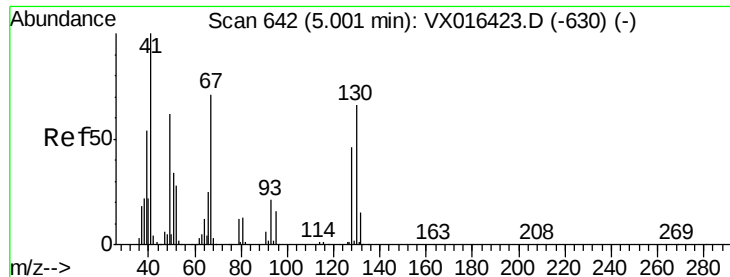
MMDadoda
5/27/2020 12:27:50 PM



#40
Benzene
Concen: 54.703 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





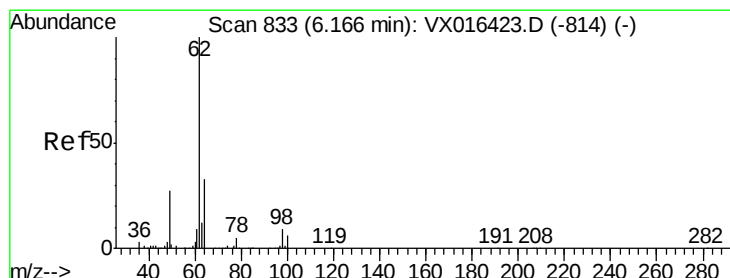
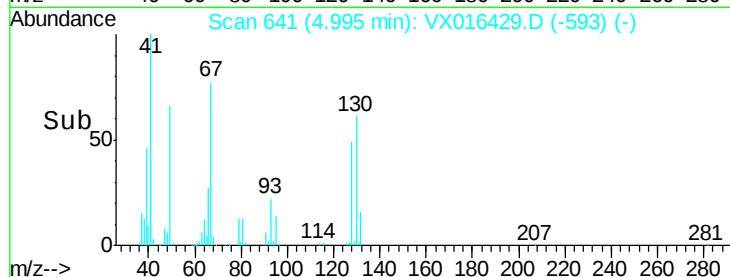
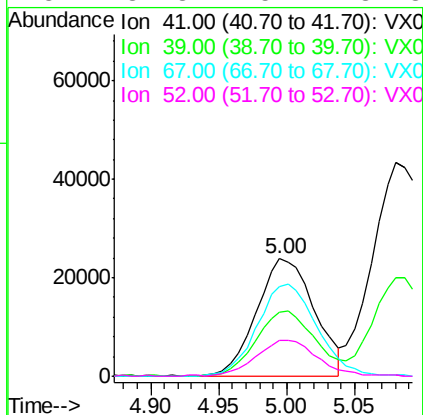
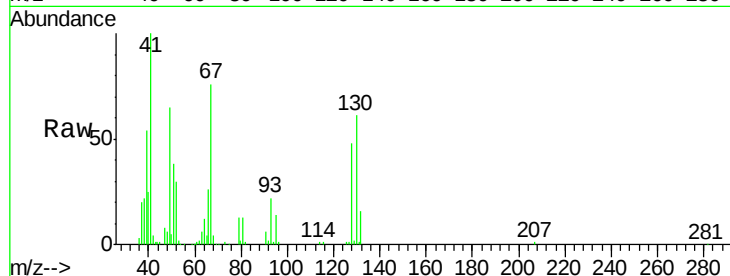
#41
Methacrylonitrile
Concen: 52.366 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX052620

Tot Ion:	41	Resp:	70456
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.4	66.6
67	81.6	62.2	93.4
52	32.3	25.2	37.8

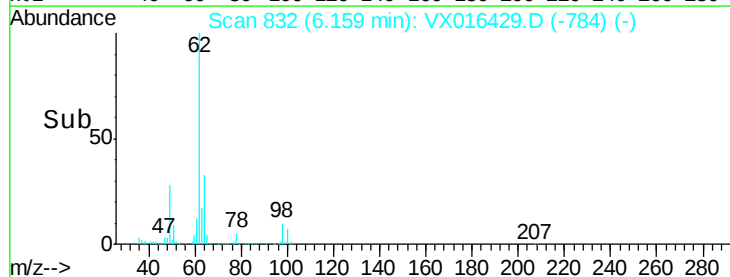
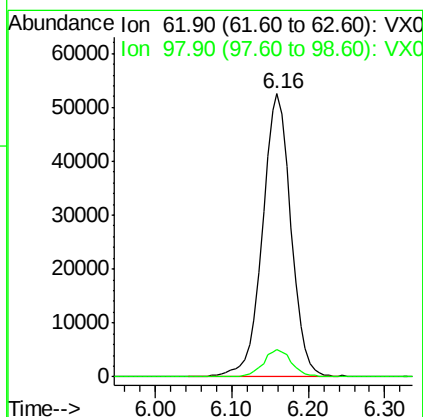
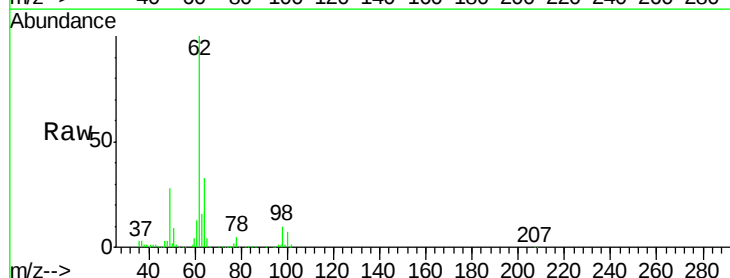
Manual Integrations
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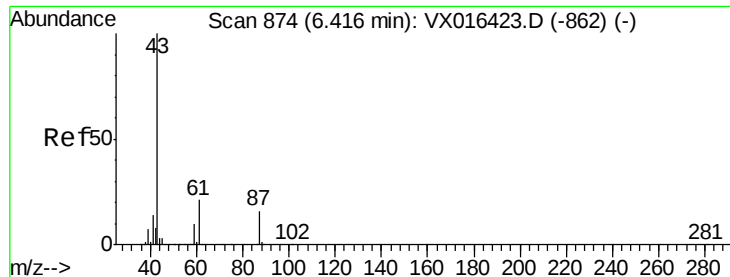
MMDadoda
5/27/2020 12:27:50 PM



#42
1,2-Dichloroethane
Concen: 55.031 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion:	62	Resp:	136508
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4





#43

Isopropyl Acetate

Concen: 54.943 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

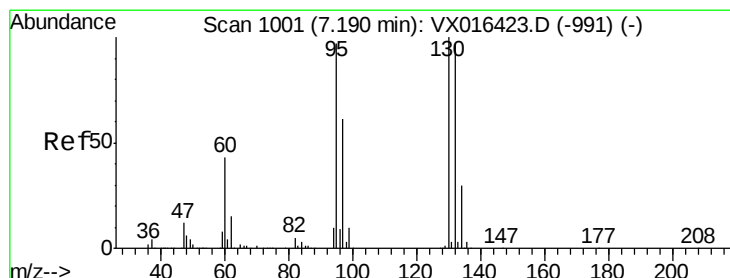
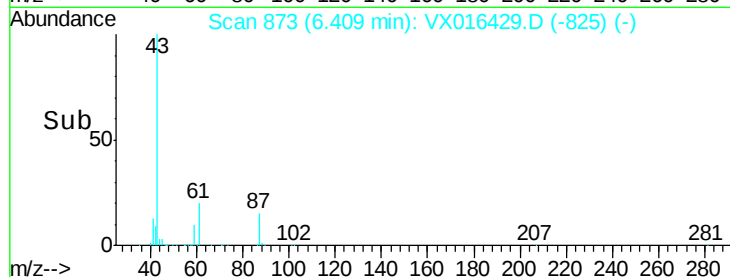
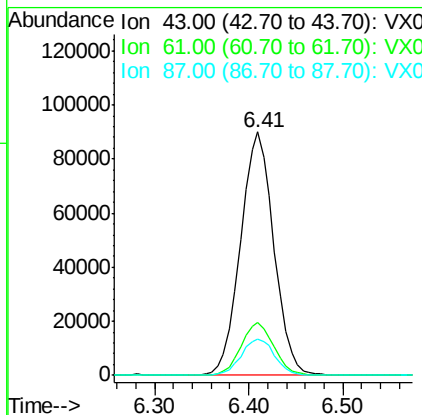
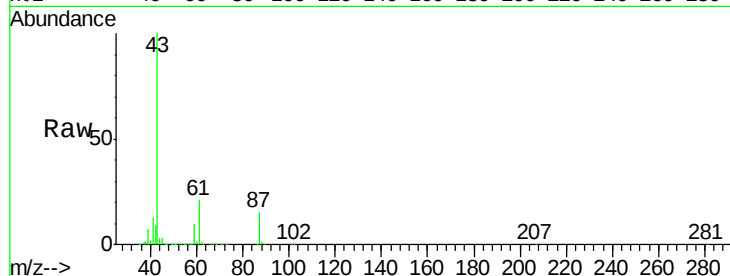
ClientSampleId :

ICVVX052620

Tot Ion:	43	Resp:	221773
Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.2	25.8
87	15.1	12.3	18.5

Manual Integrations
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5/27/2020 12:27:50 PM



#44

Trichloroethene

Concen: 54.326 ug/l

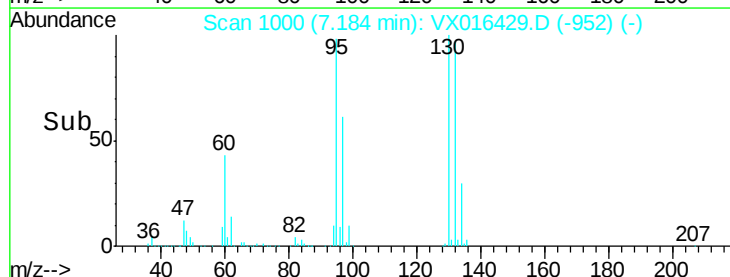
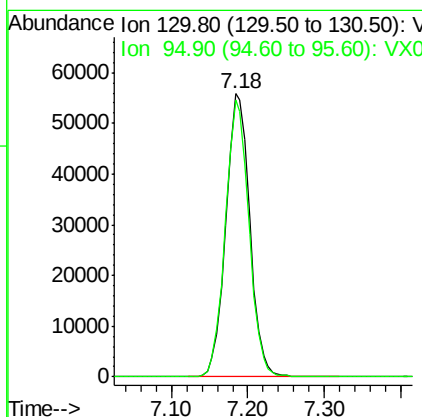
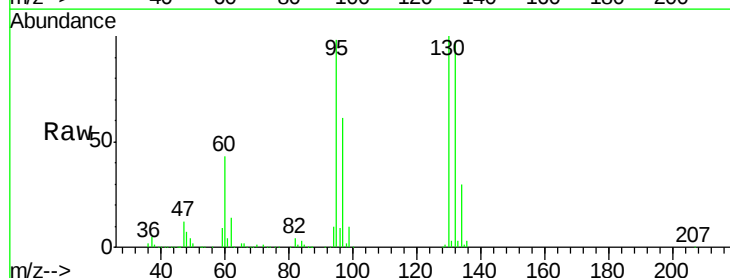
RT: 7.18 min Scan# 1000

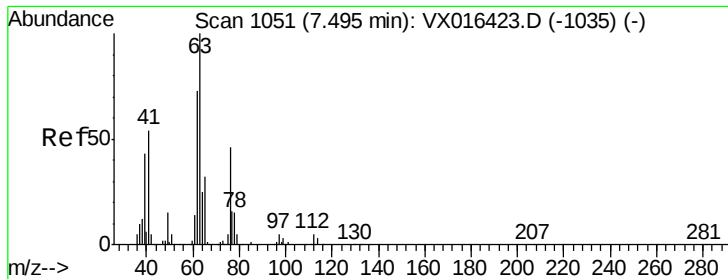
Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	130	Resp:	121016
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	194.0





#45

1,2-Dichloropropane

Concen: 54.956 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 63 Resp: 93273

Ion Ratio Lower Upper

63 100

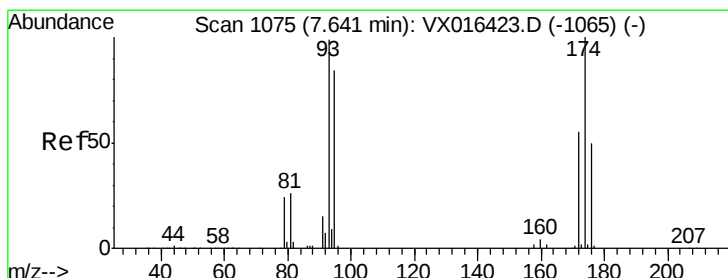
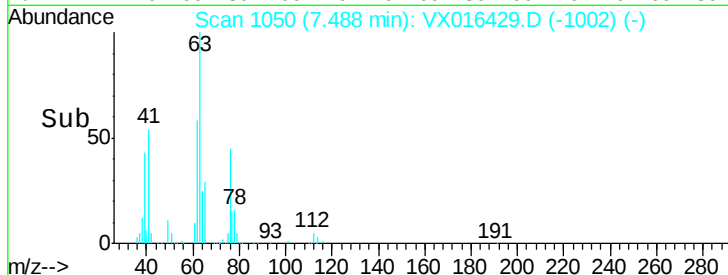
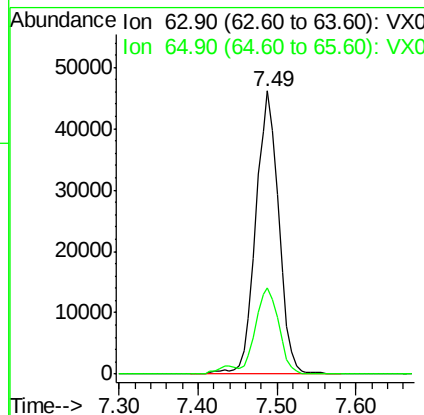
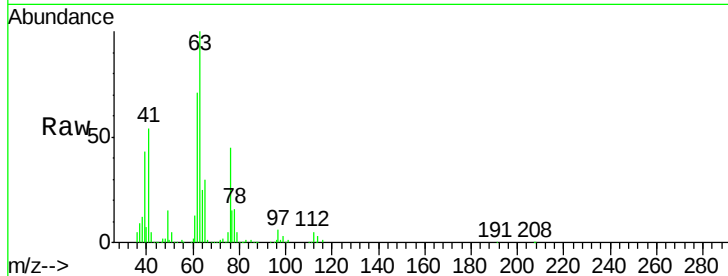
65 30.5 25.3 37.9

Manual Integrations

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#46

Dibromomethane

Concen: 54.389 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

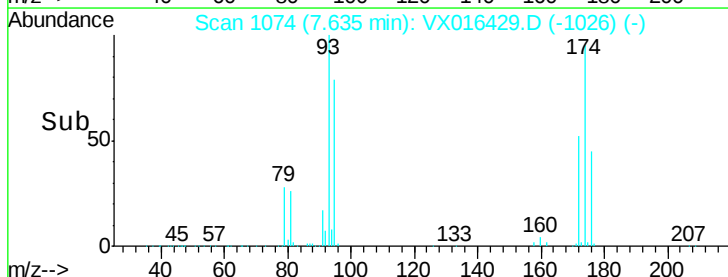
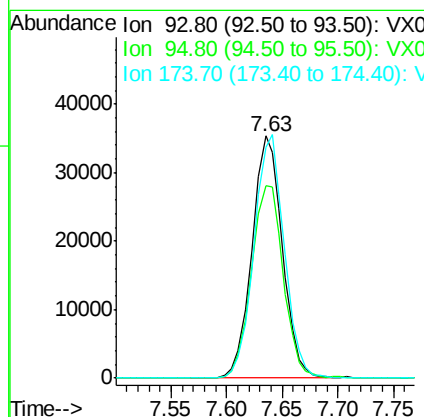
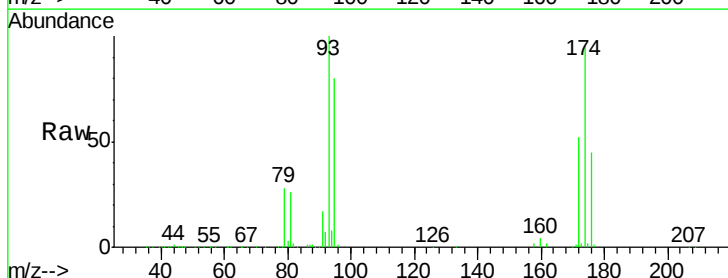
Tgt Ion: 93 Resp: 67265

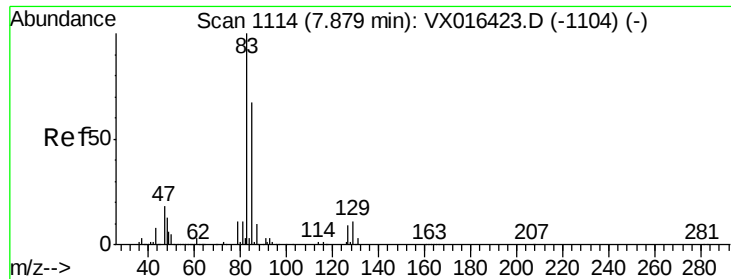
Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.4

174 100.1 81.4 122.0





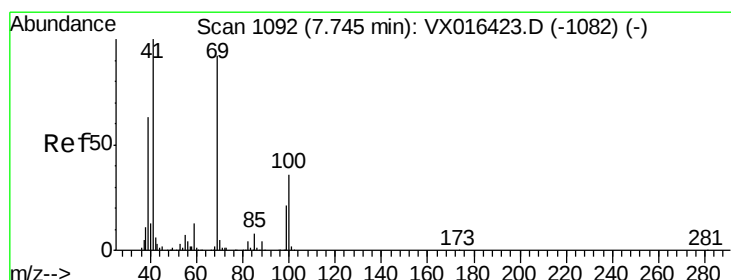
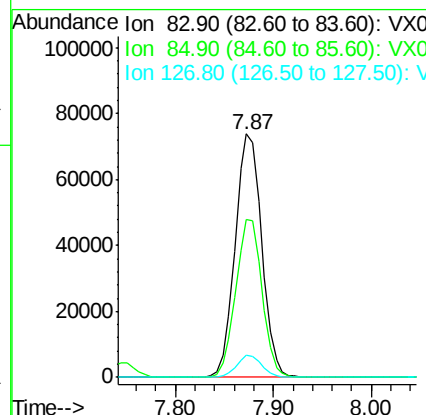
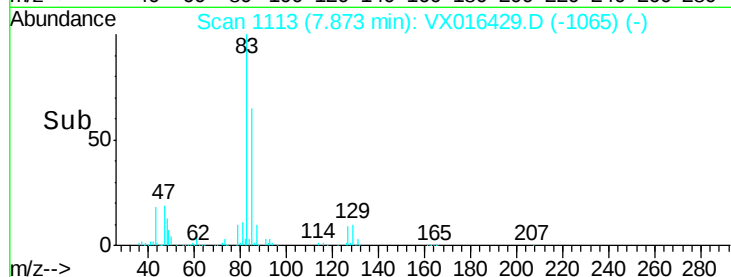
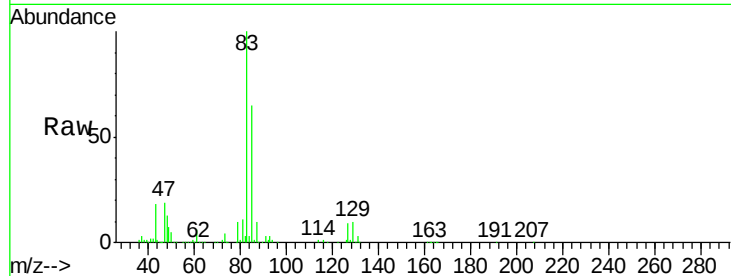
#47
Bromodichloromethane
Concen: 55.639 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	83	Resp	138978
Ion Ratio	Lower	Upper	
83	100		
85	65.1	53.8	80.8
127	8.9	7.4	11.2

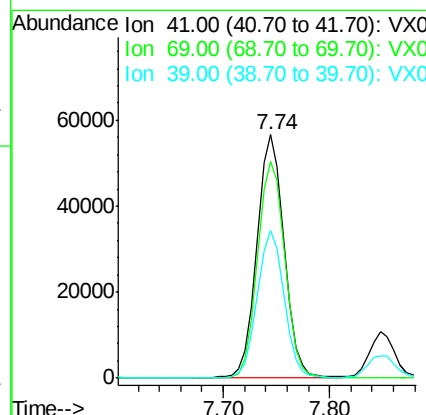
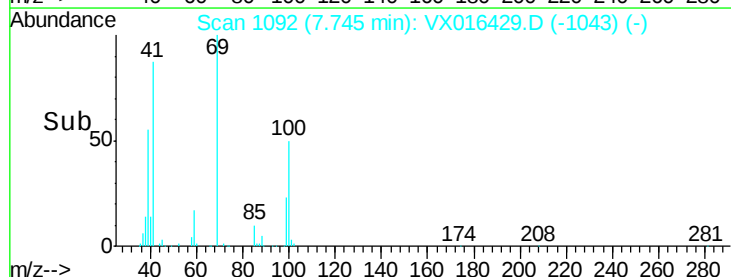
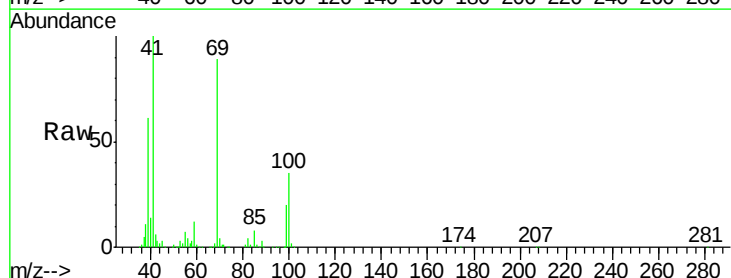
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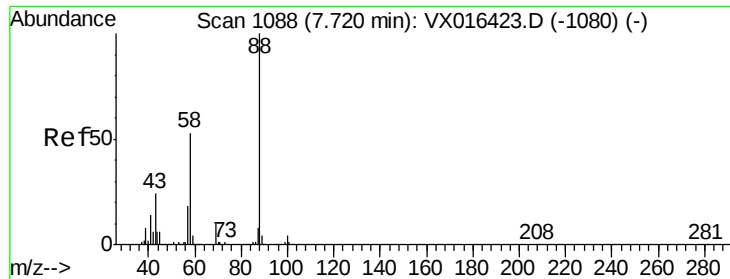
MMDadoda
5/27/2020 12:27:50 PM



#48
Methyl methacrylate
Concen: 55.261 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	41	Resp	101646
Ion Ratio	Lower	Upper	
41	100		
69	89.7	71.8	107.8
39	59.8	48.6	73.0





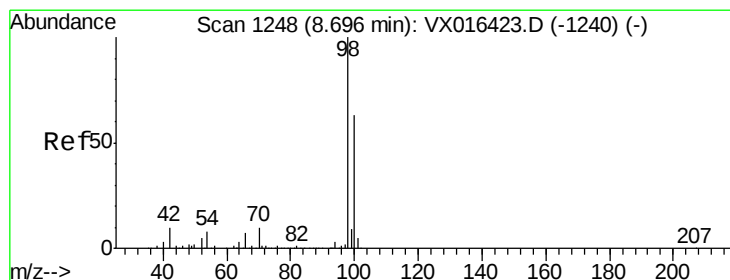
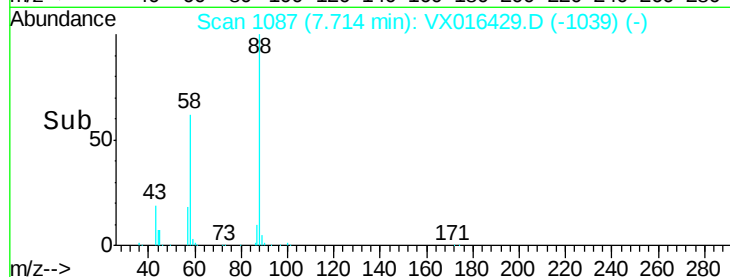
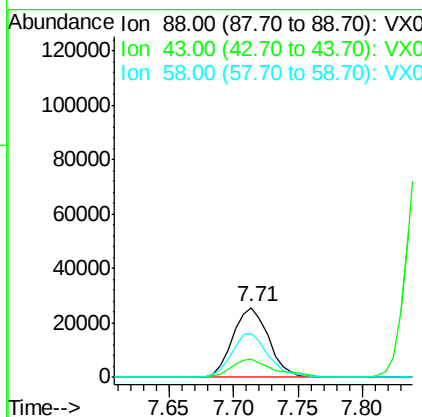
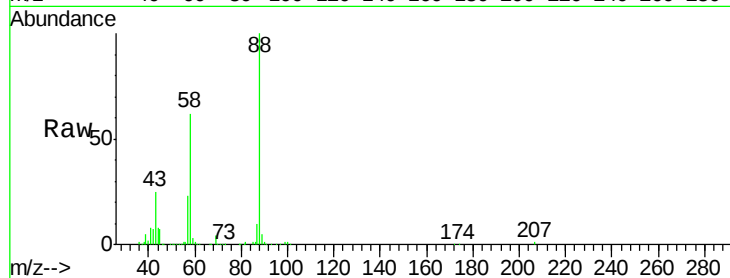
#49
1,4-Dioxane
Concen: 1045.965 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	23.0	34.6
58	65.7	51.7	77.5

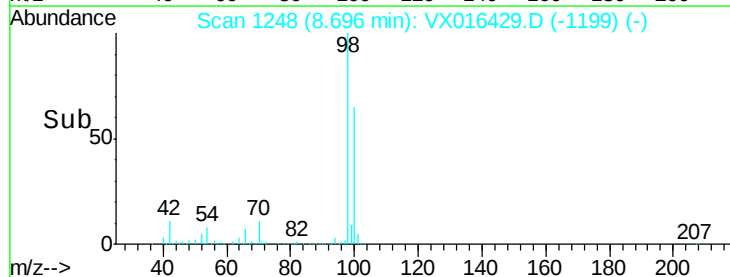
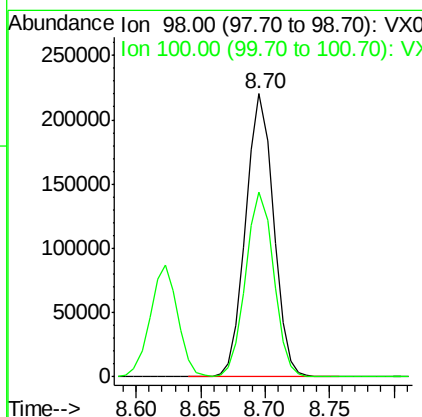
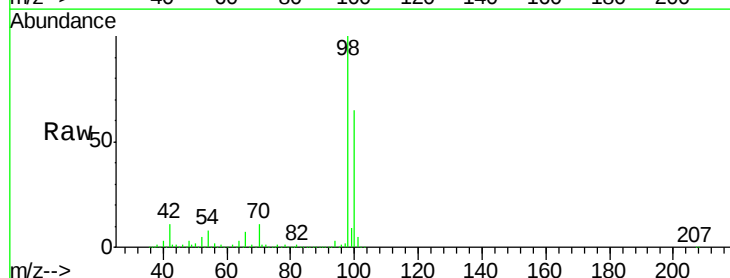
Manual Integrations
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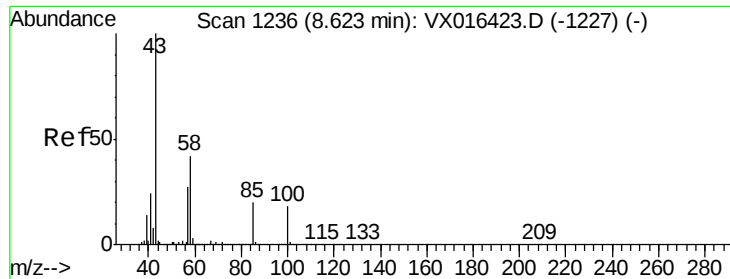
MMDadoda
5/27/2020 12:27:50 PM



#50
Toluene-d8
Concen: 54.235 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 275.787 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 43 Resp: 703523

Ion Ratio Lower Upper

43 100

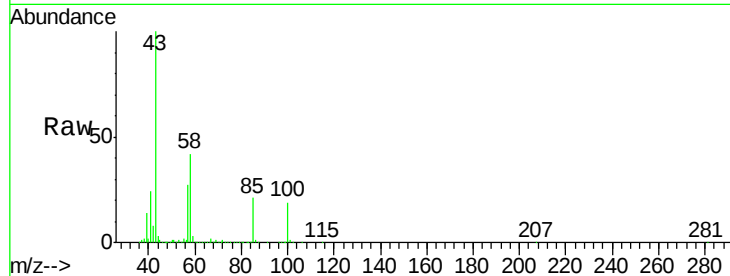
58 42.3 33.8 50.6

Manual Integrations

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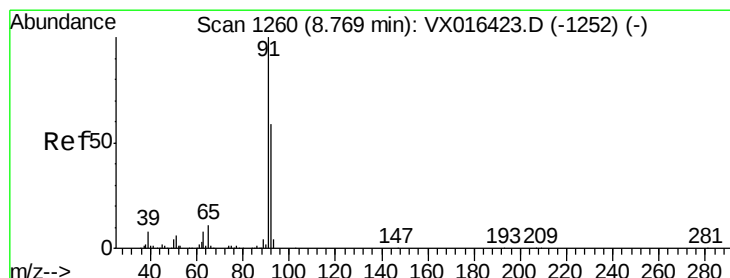
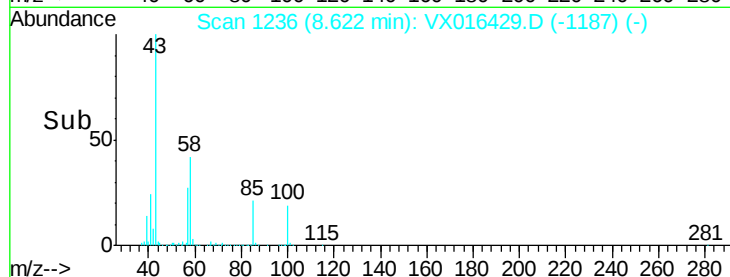
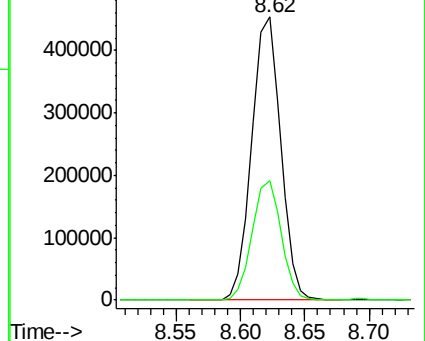
MMDadoda

5/27/2020 12:27:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 57.767 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016429.D

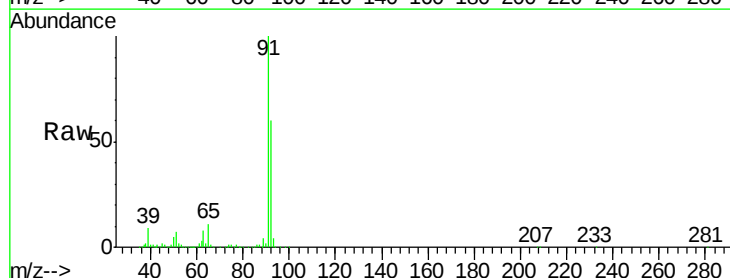
Acq: 26 May 2020 16:37

Tgt Ion: 92 Resp: 251892

Ion Ratio Lower Upper

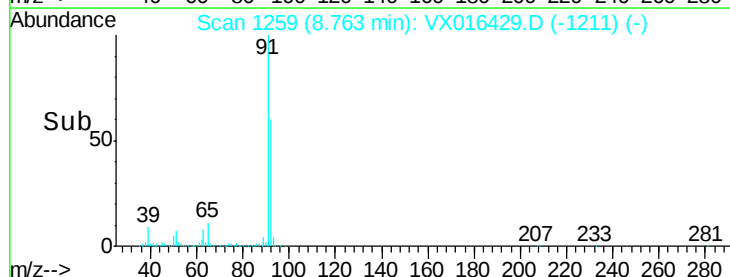
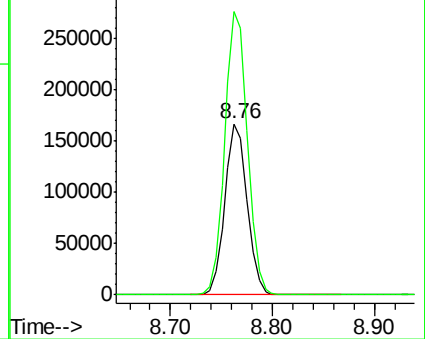
92 100

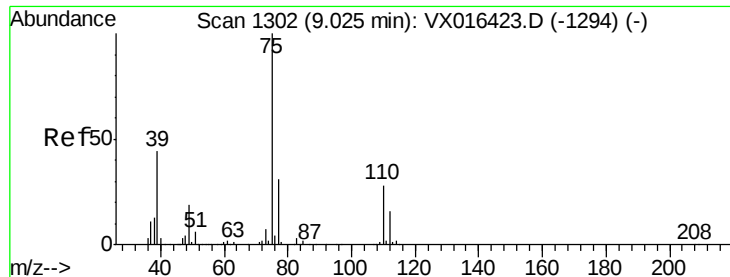
91 168.2 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 55.783 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tot Ion: 75 Resp: 158576

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

Instrument :

MSVOA_X

ClientSampleId :

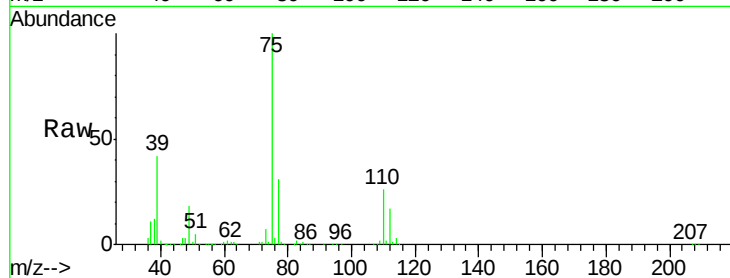
ICVVX052620

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

120000

100000

80000

60000

40000

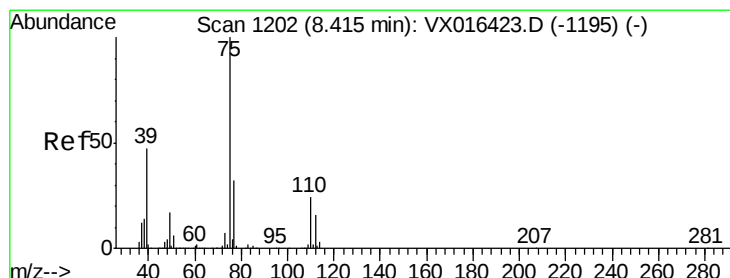
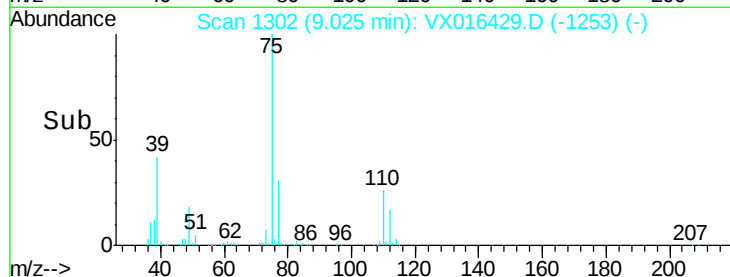
20000

0

9.02

8.90 9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.361 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

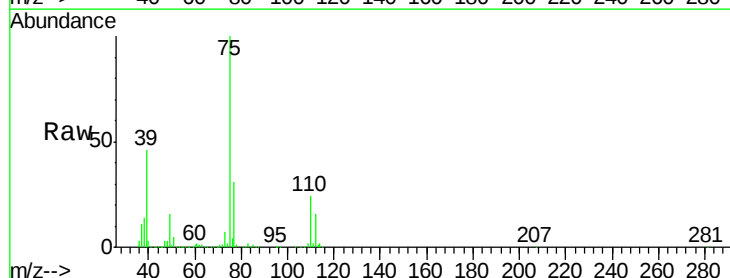
Tgt Ion: 75 Resp: 158875

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 46.0 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

100000

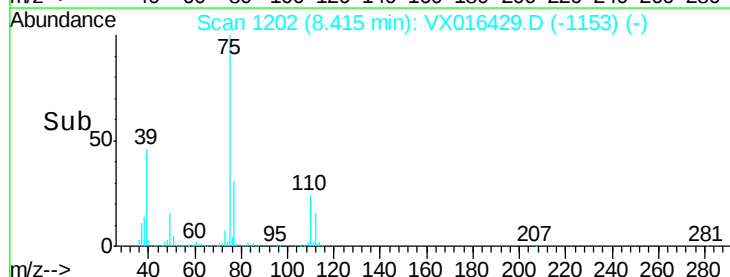
50000

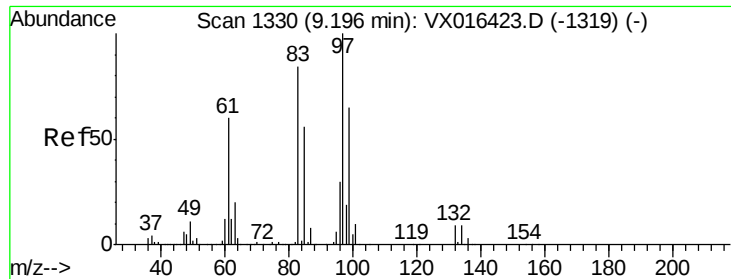
0

8.42

8.30 8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 55.866 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

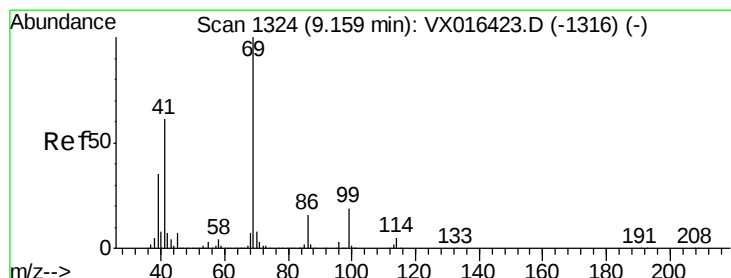
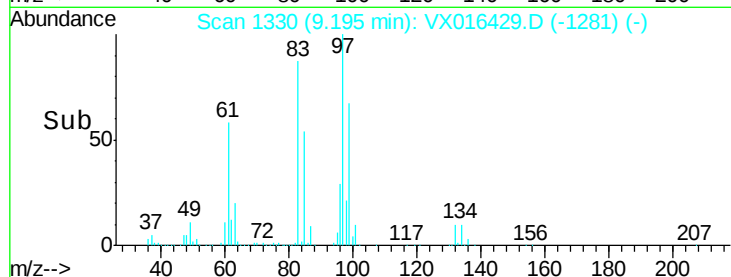
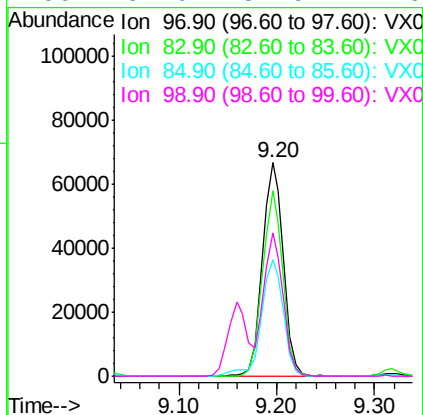
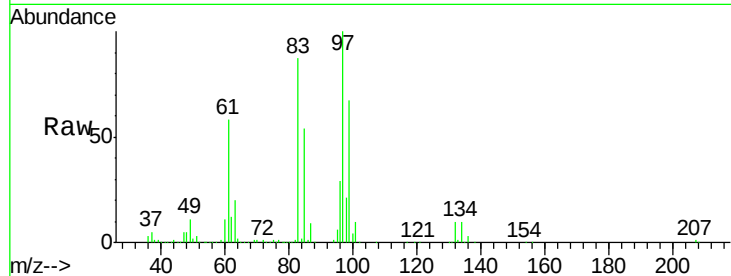
ClientSampleId :

ICVVX052620

Tot Ion:	97	Resp:	99335
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.9	100.3
85	54.4	45.2	67.8
99	67.0	51.9	77.9

Manual Integrations
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5/27/2020 12:27:50 PM



#56

Ethyl methacrylate

Concen: 57.705 ug/l

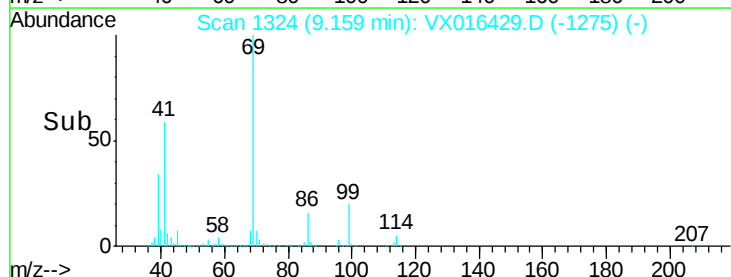
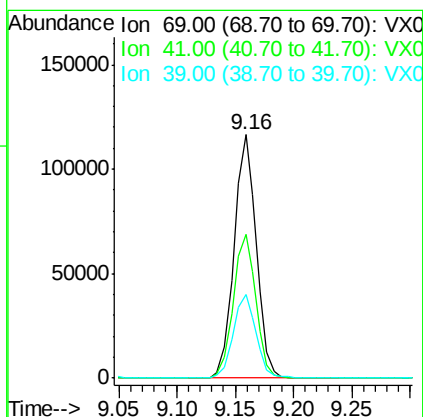
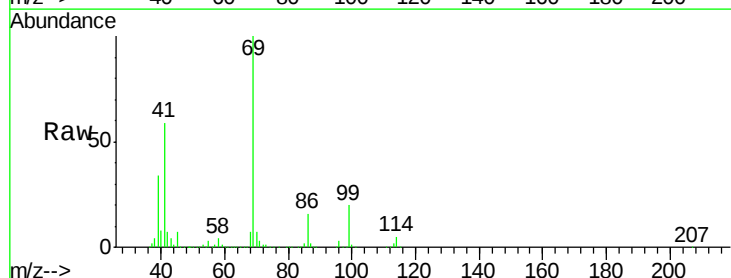
RT: 9.16 min Scan# 1324

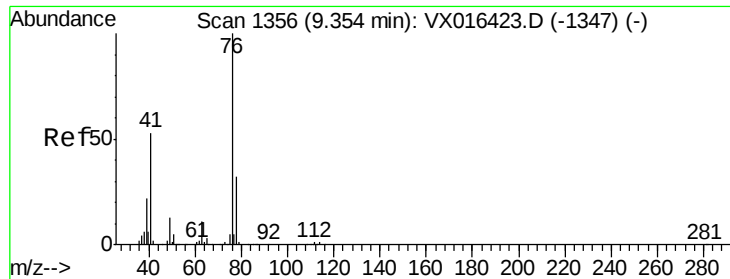
Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	69	Resp:	154406
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.9	71.9
39	35.2	28.7	43.1





#57

1,3-Dichloropropane

Concen: 55.556 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampled :

ICVVX052620

Tot Ion: 76 Resp: 163785

Ion Ratio Lower Upper

76 100

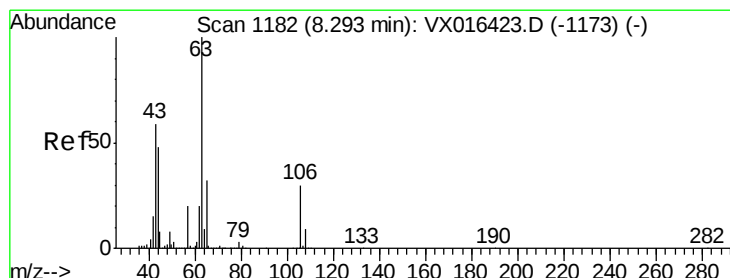
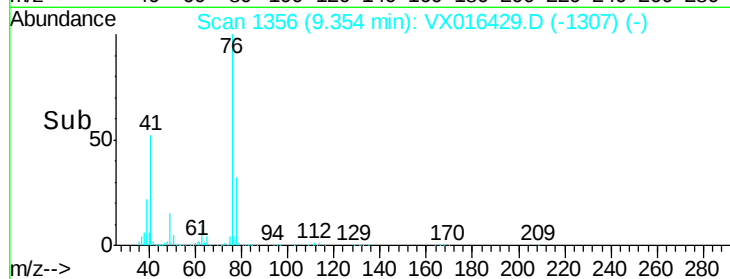
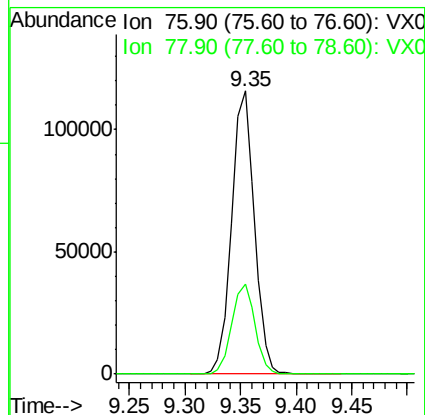
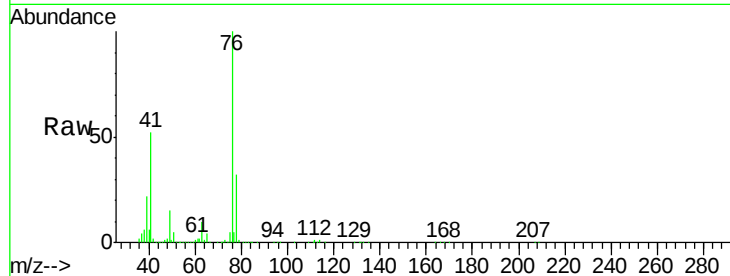
78 32.5 26.1 39.1

Manual Integrations

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5/27/2020 12:27:50 PM



#58

2-Chloroethyl Vinyl ether

Concen: 289.141 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016429.D

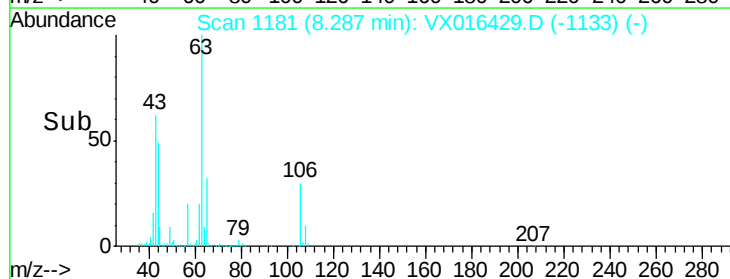
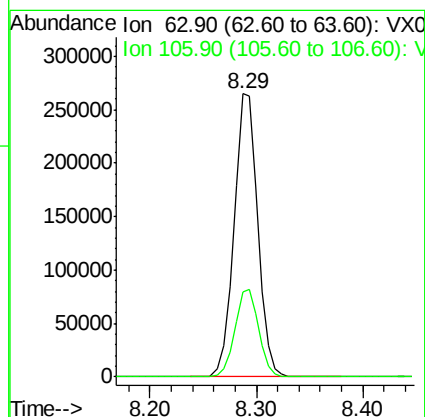
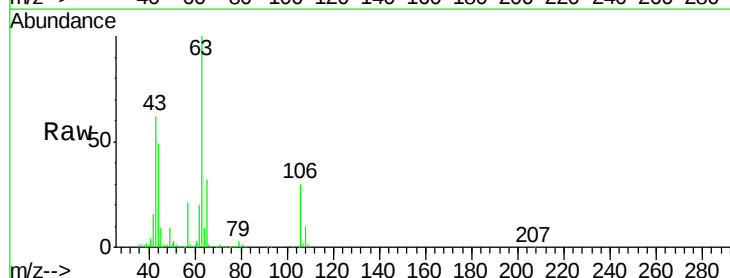
Acq: 26 May 2020 16:37

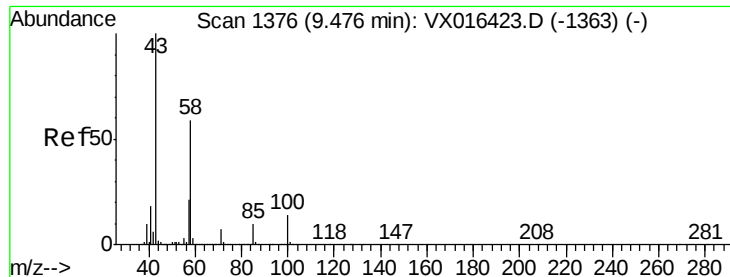
Tgt Ion: 63 Resp: 412670

Ion Ratio Lower Upper

63 100

106 30.9 24.6 36.8





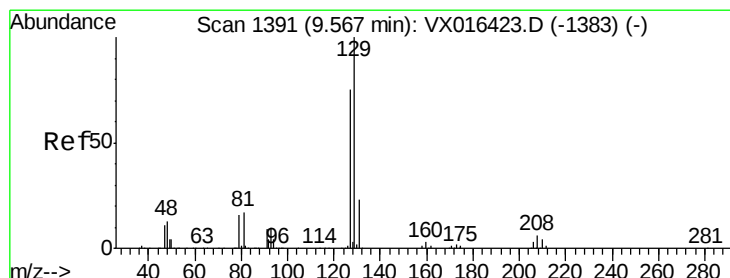
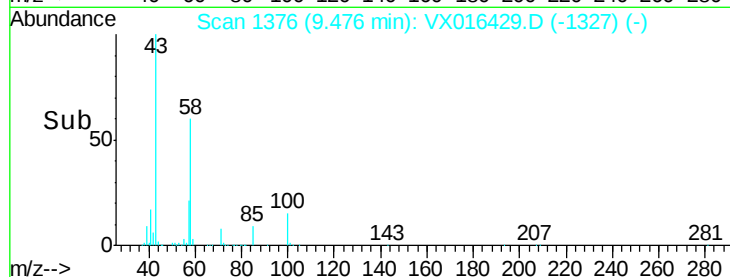
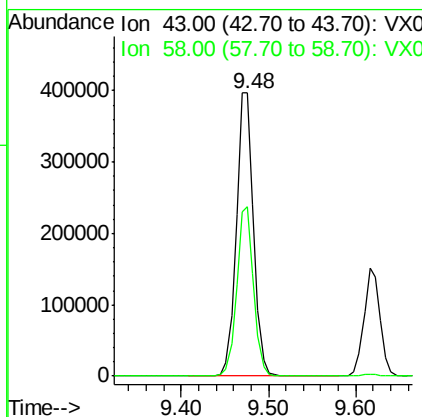
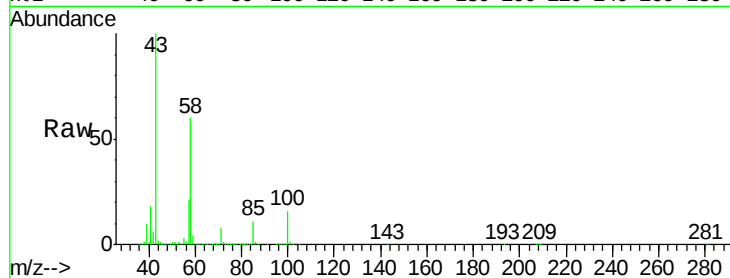
#59
2-Hexanone
Concen: 278.263 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion: 43 Resp: 546578
Ion Ratio Lower Upper
43 100
58 58.5 29.1 87.3

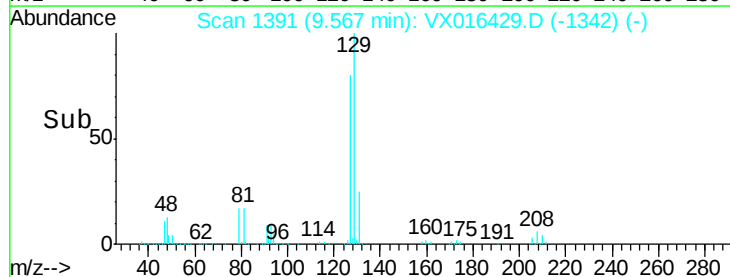
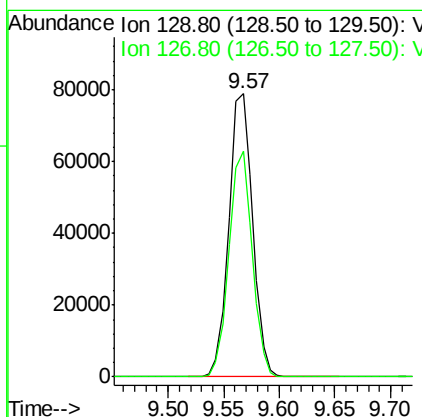
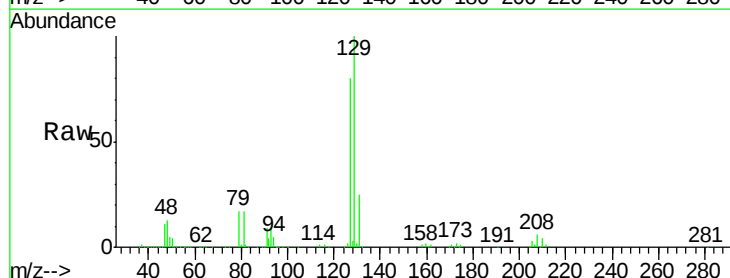
Manual Integrations
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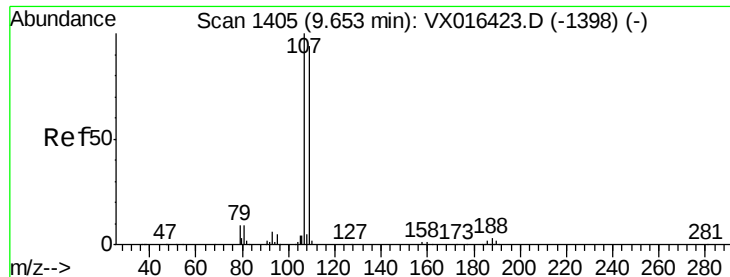
MMDadoda
5/27/2020 12:27:50 PM



#60
Dibromochloromethane
Concen: 57.066 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion: 129 Resp: 116682
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 57.408 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 107 Resp: 112021

Ion Ratio Lower Upper

107 100

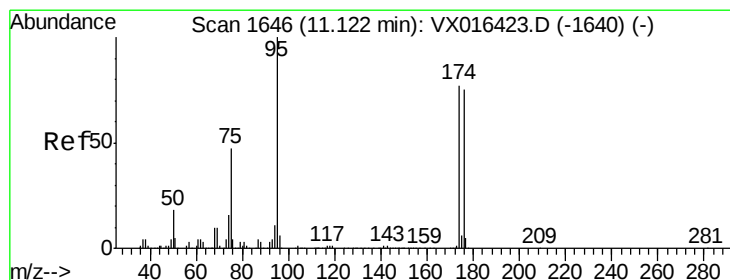
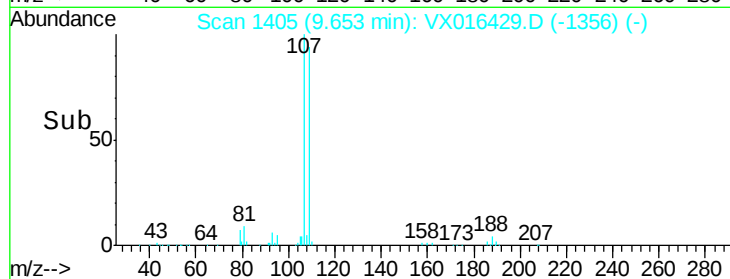
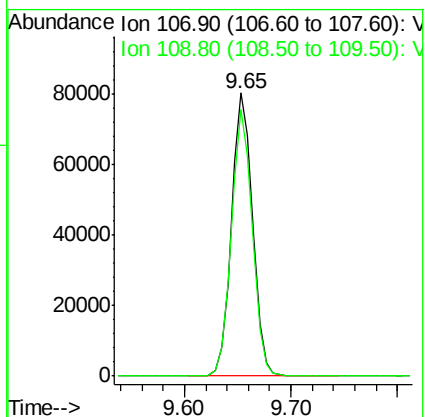
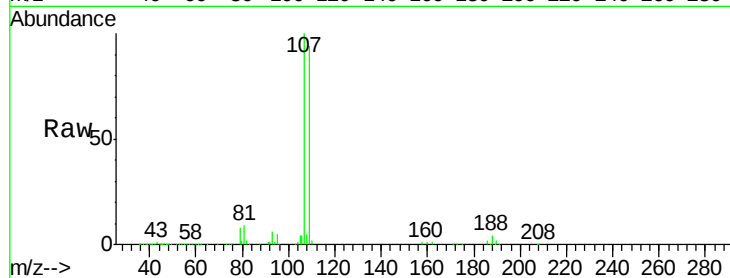
109 93.4 75.0 112.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 55.030 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

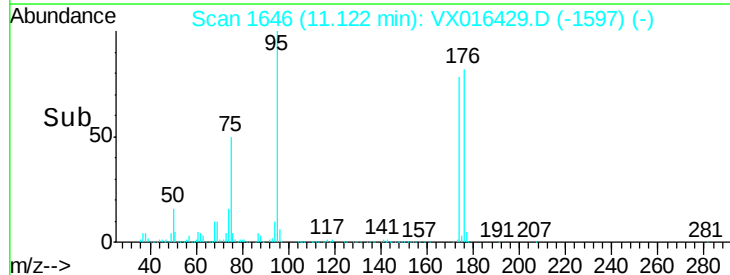
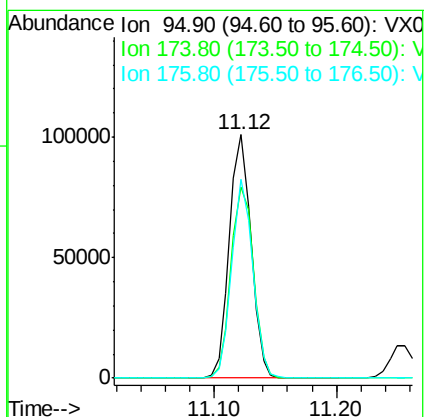
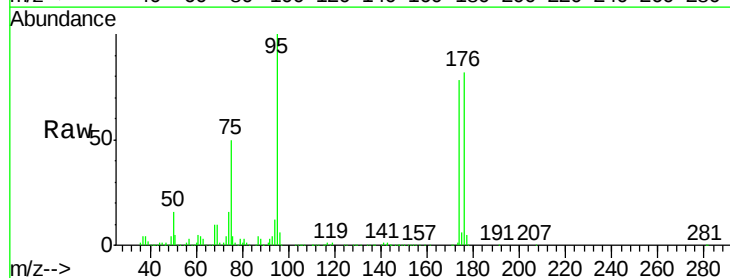
Tgt Ion: 95 Resp: 123577

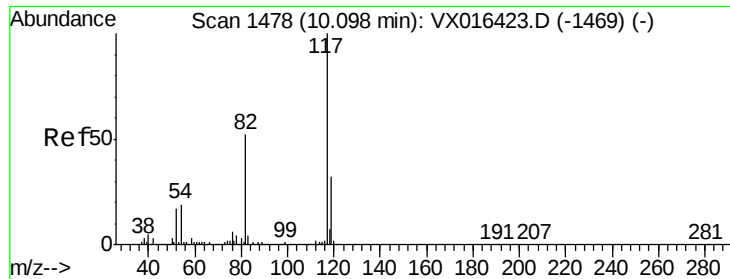
Ion Ratio Lower Upper

95 100

174 81.5 0.0 162.6

176 79.2 0.0 158.2





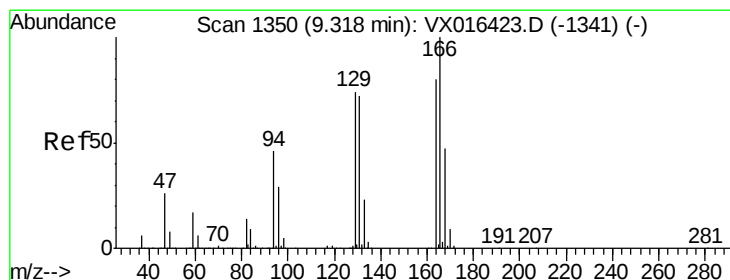
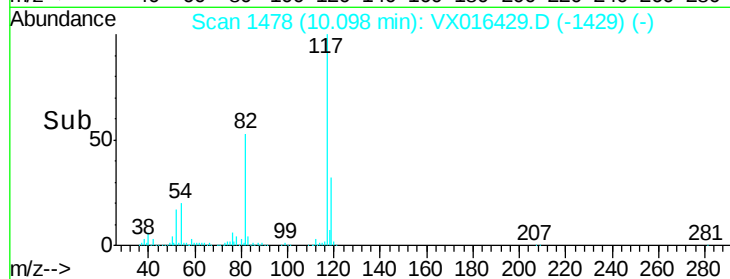
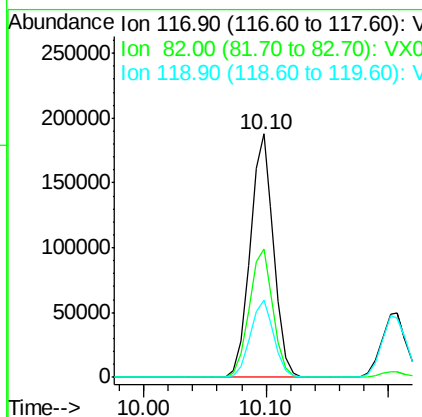
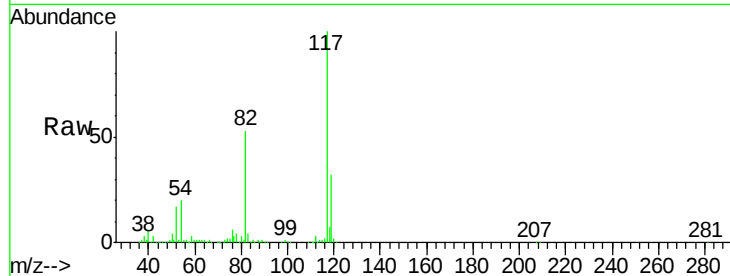
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVX052620

Tot Ion	Ratio	Resp	Lower	Upper
117	100	248338		
82	53.0	41.8	62.6	
119	32.0	25.7	38.5	

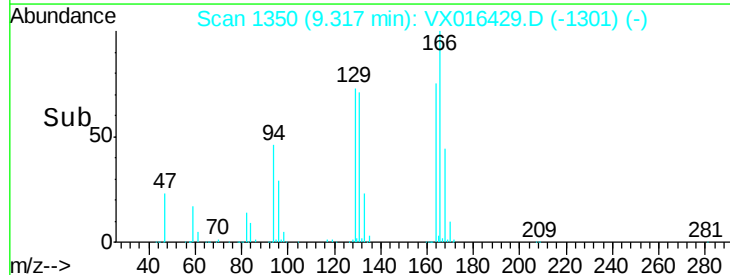
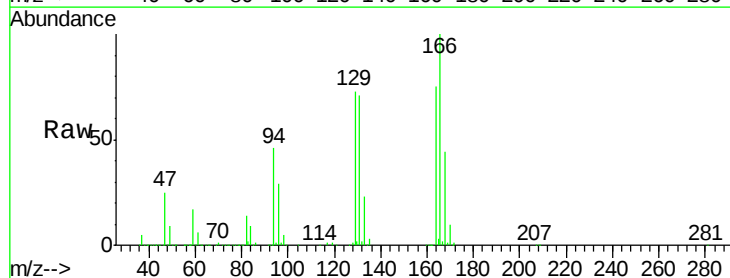
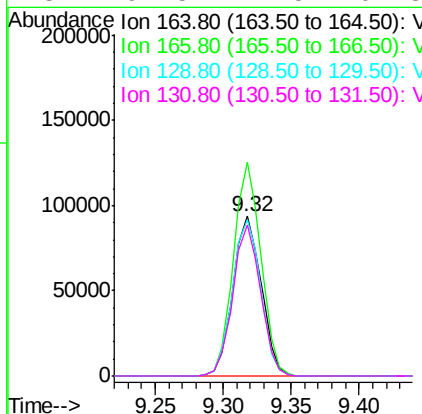
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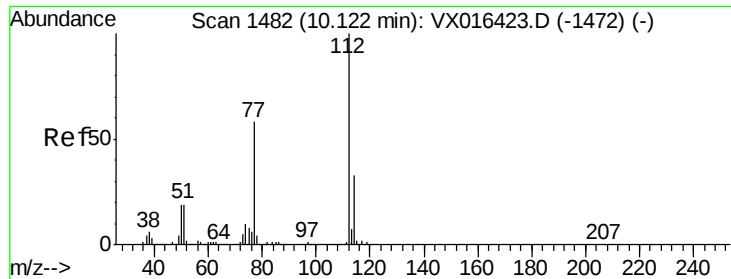
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#64
Tetrachloroethene
Concen: 52.662 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136246		
166	133.8	99.5	149.3	
129	97.5	73.4	110.0	
131	94.5	71.5	107.3	





#65

Chlorobenzene

Concen: 55.926 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion:112 Resp: 273977

Ion Ratio Lower Upper

112 100

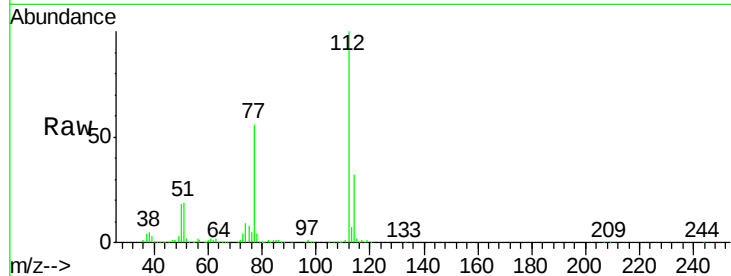
114 32.5 26.6 40.0

Manual Integrations

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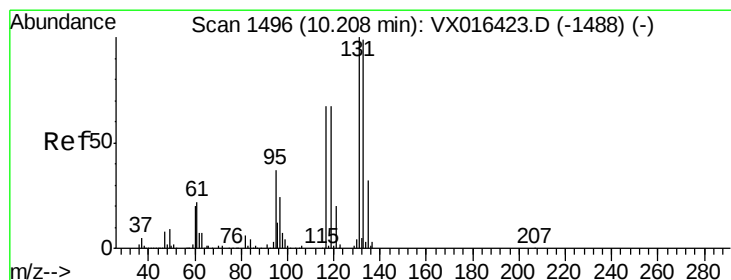
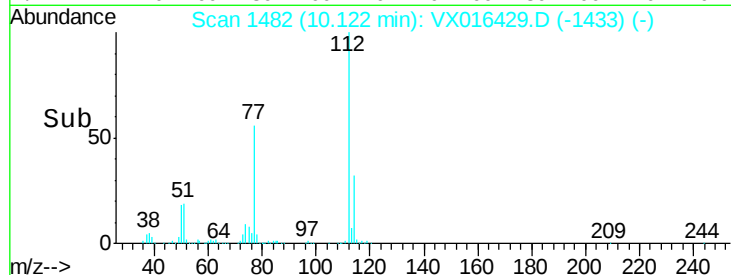
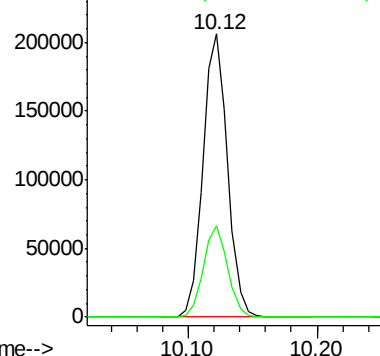
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.595 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

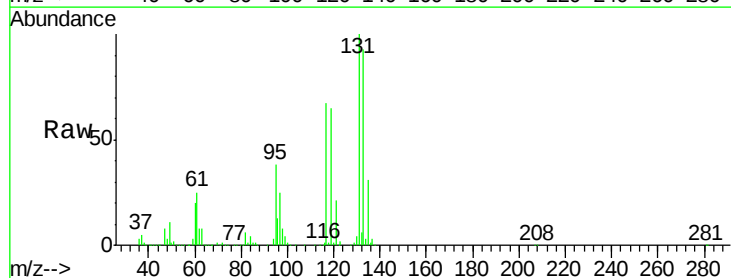
Tgt Ion:131 Resp: 105754

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

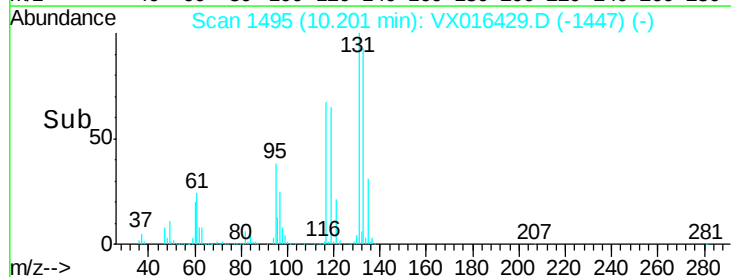
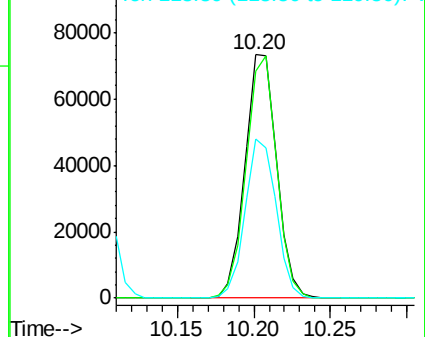
119 64.1 33.0 98.9

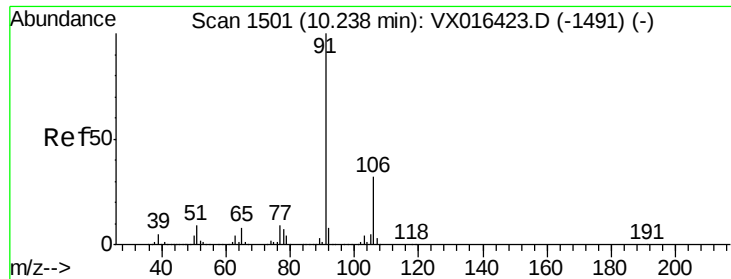


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 56.169 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 91 Resp: 479140

Ion Ratio Lower Upper

91 100

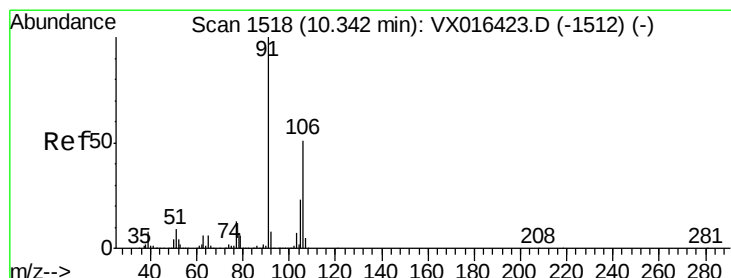
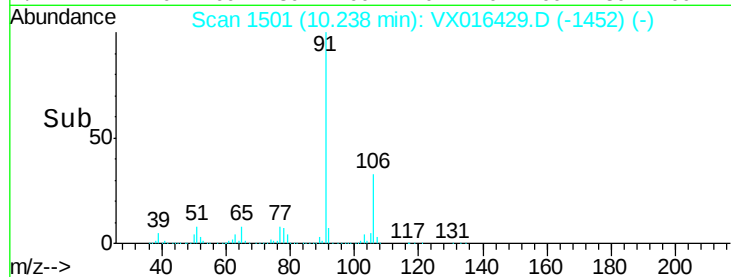
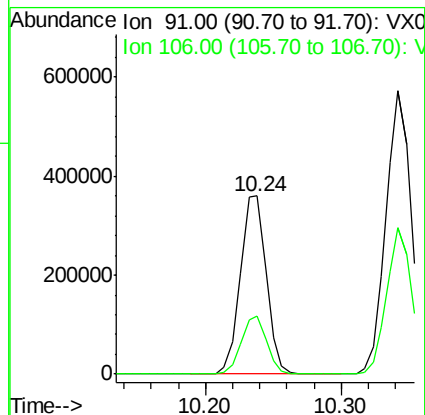
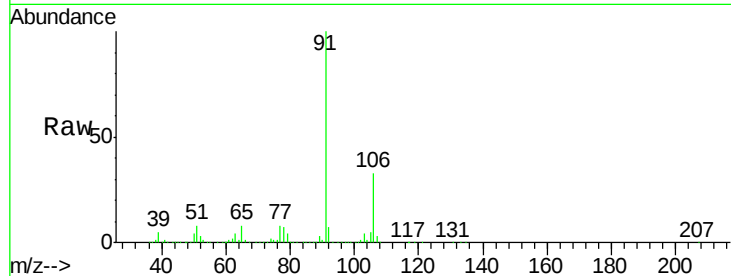
106 32.9 25.8 38.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 113.815 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016429.D

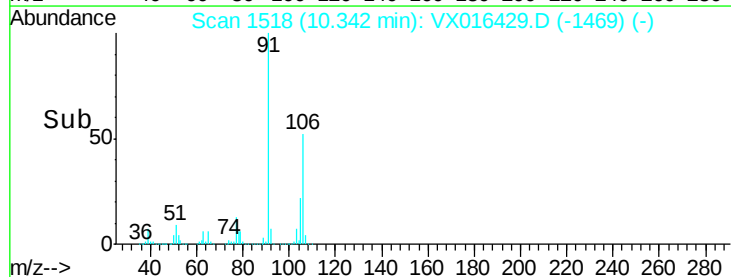
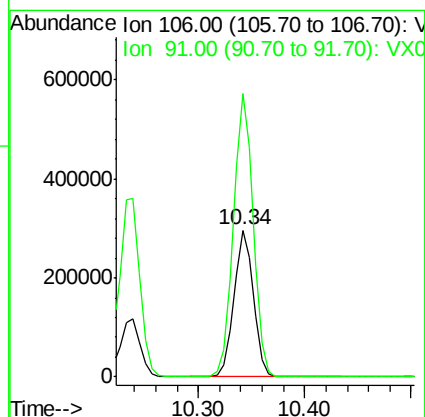
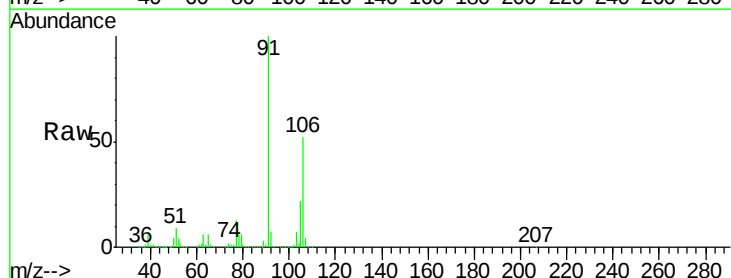
Acq: 26 May 2020 16:37

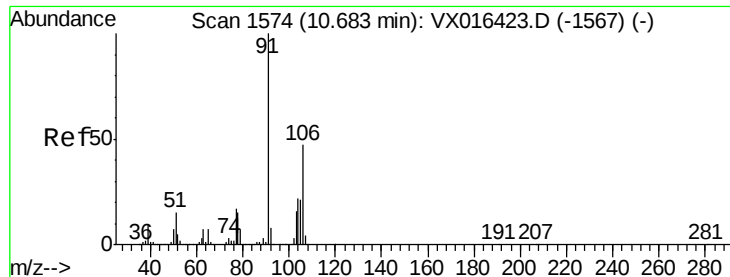
Tgt Ion: 106 Resp: 379659

Ion Ratio Lower Upper

106 100

91 196.1 158.2 237.4





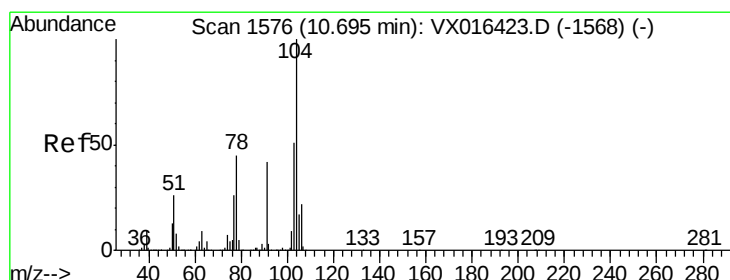
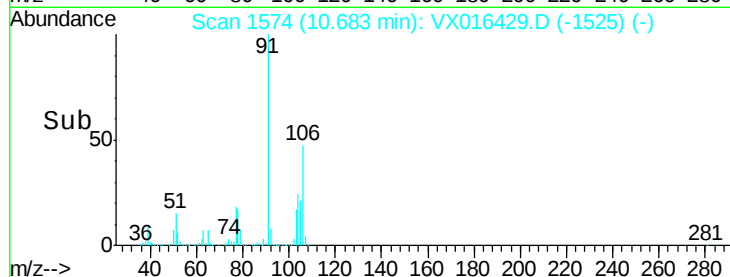
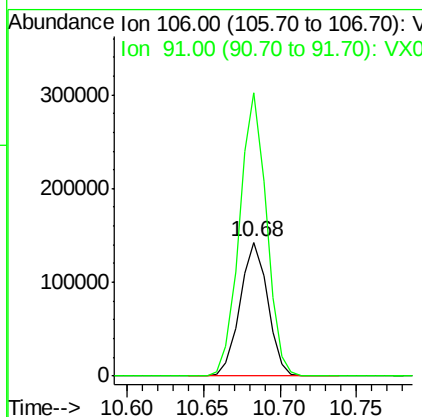
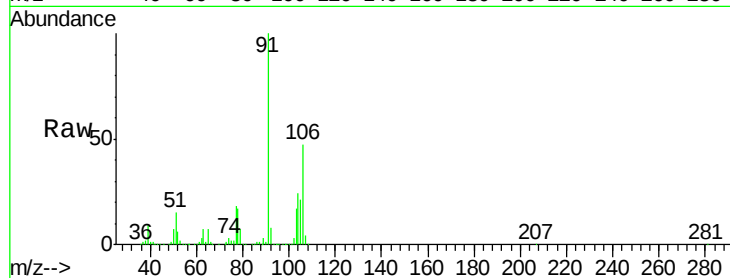
#69
o-Xylene
Concen: 56.390 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.7	104.0	312.0		

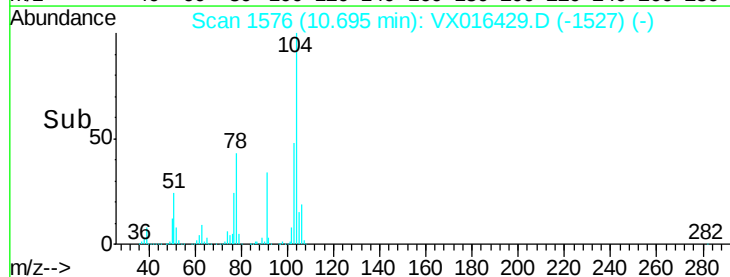
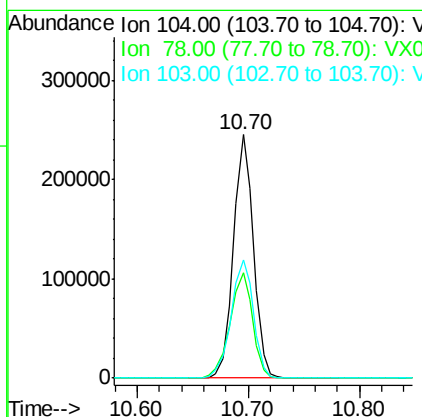
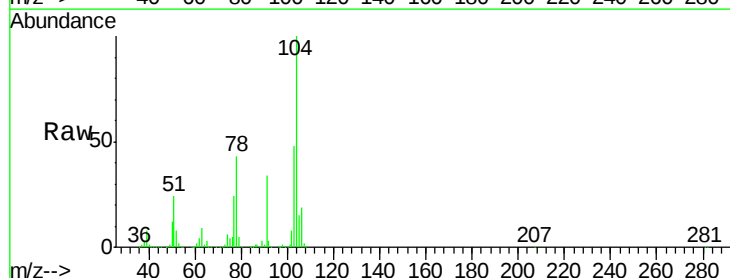
Manual Integrations
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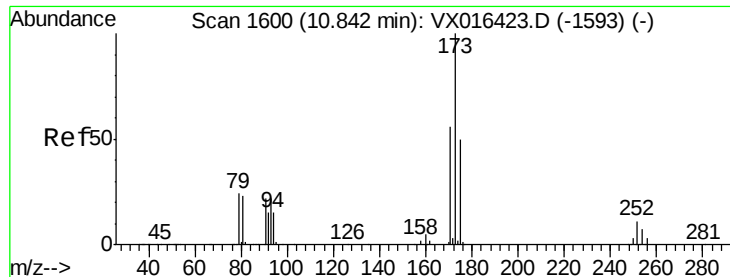
MMDadoda
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#70
Styrene
Concen: 56.914 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.7	39.2	58.8		
103	54.3	43.8	65.6		





#71

Bromoform

Concen: 57.029 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion:173 Resp: 89557

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

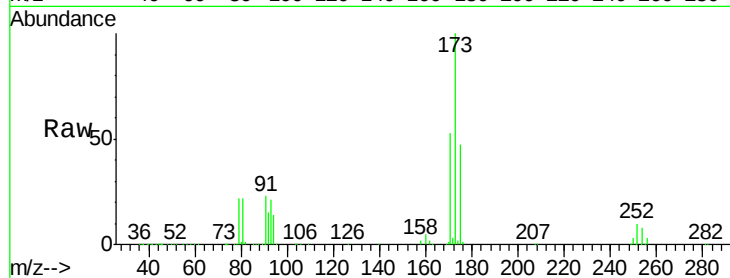
254 0.1 0.2 0.2#

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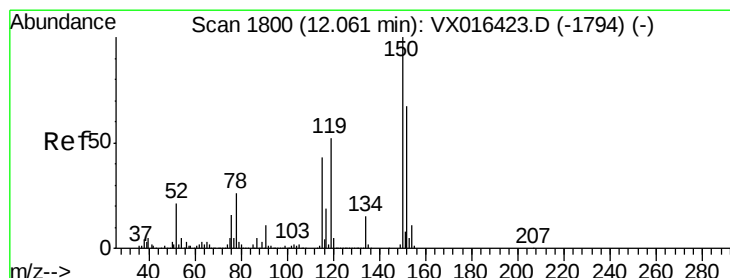
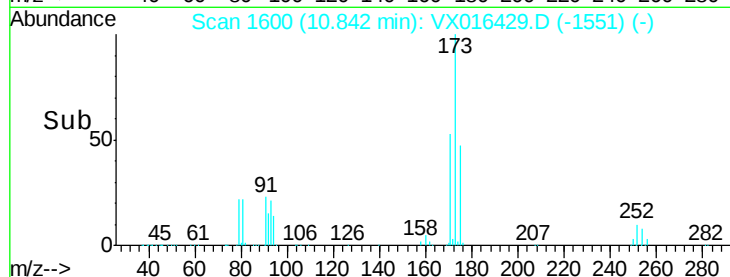
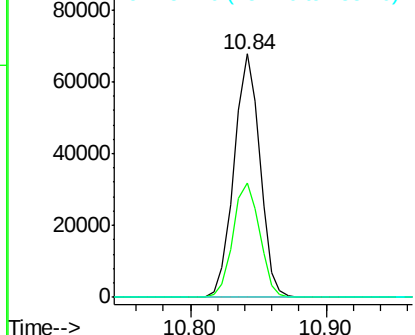
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

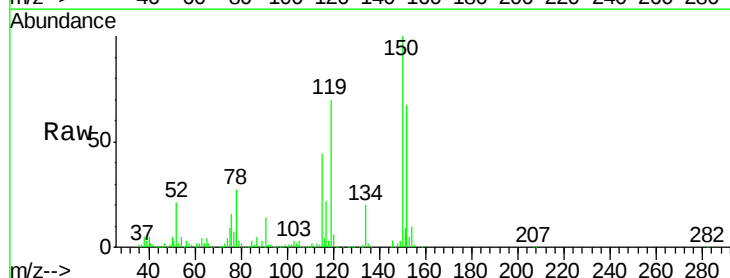
Tgt Ion:152 Resp: 126419

Ion Ratio Lower Upper

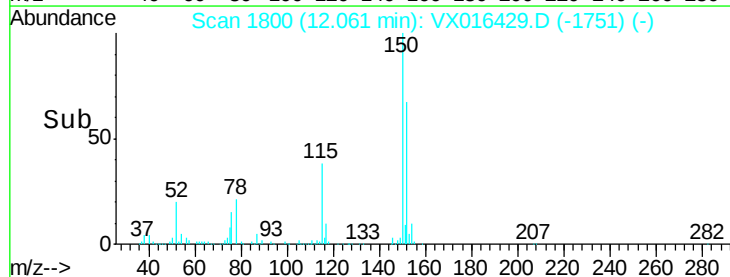
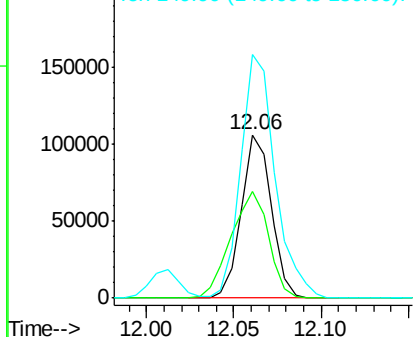
152 100

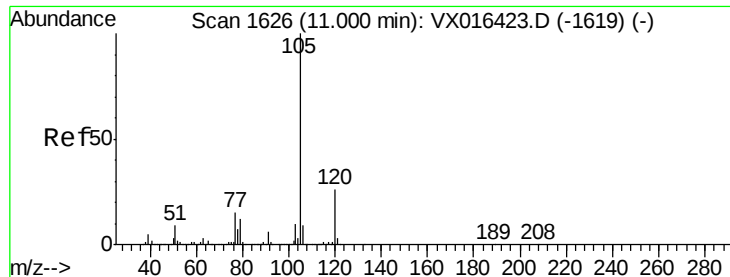
115 81.7 40.4 121.2

150 171.2 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.825 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 105 Resp: 467937

Ion Ratio Lower Upper

105 100

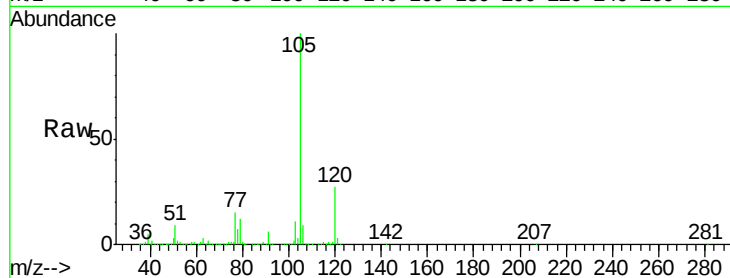
120 27.2 13.7 41.0

Manual Integrations

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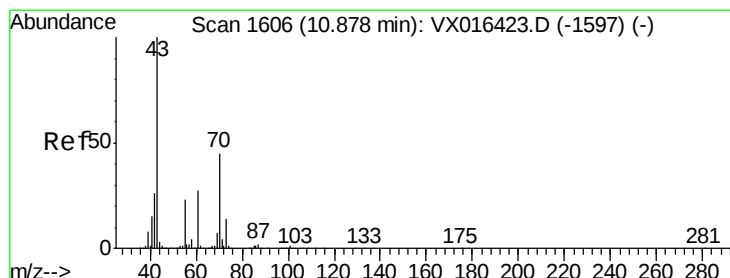
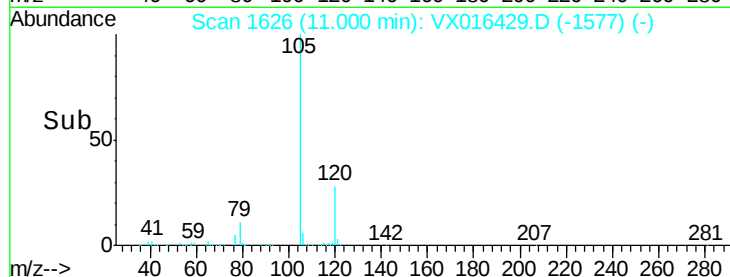
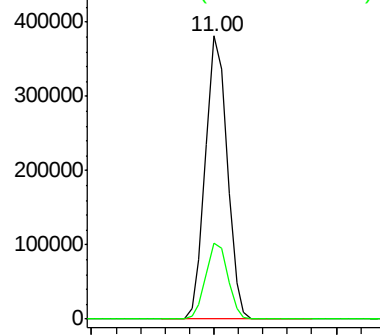
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.110 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion: 43 Resp: 192819

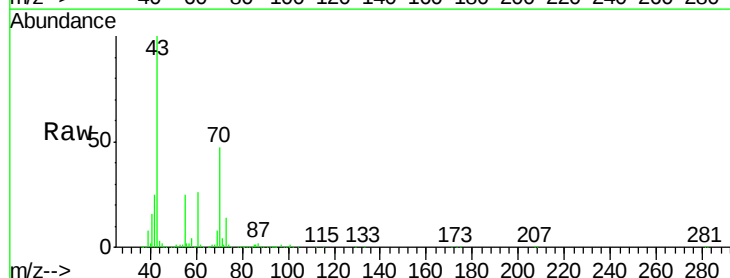
Ion Ratio Lower Upper

43 100

70 48.3 38.0 57.0

55 25.4 20.0 30.0

61 26.3 21.4 32.2

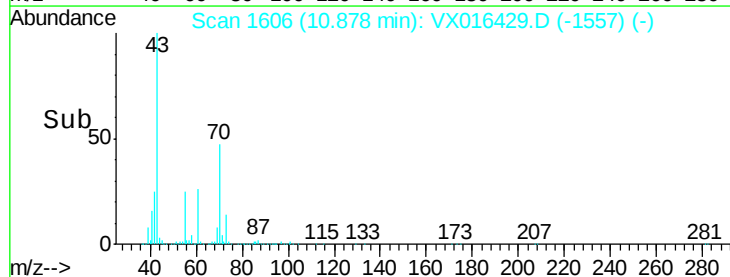
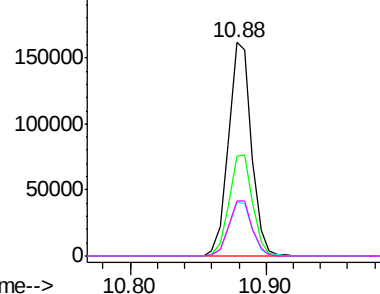


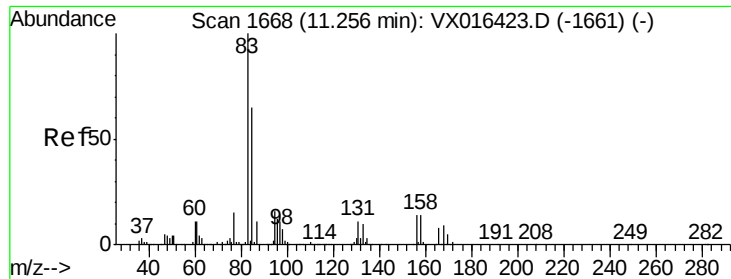
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.631 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

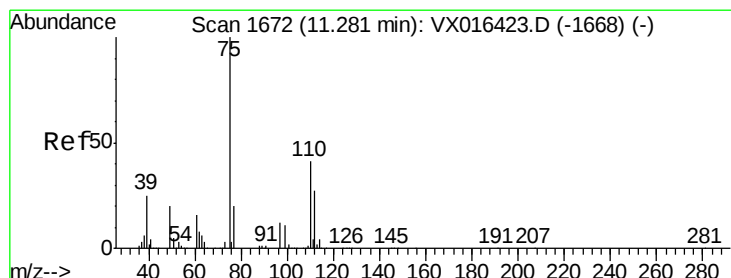
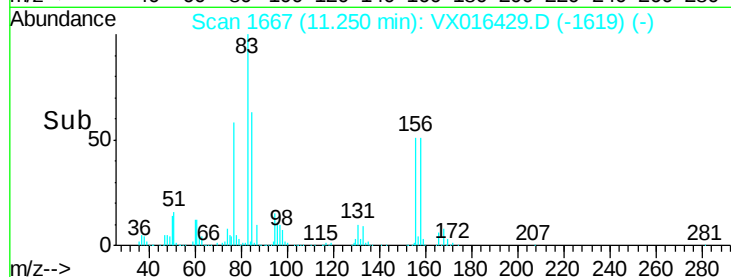
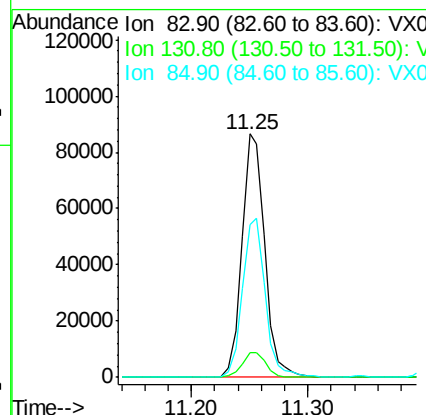
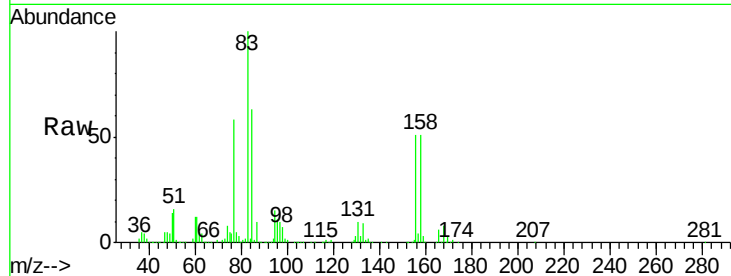
ClientSampleId :

ICVVX052620

Tot Ion:	83	Resp:	117784
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	65.4	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.995 ug/l m

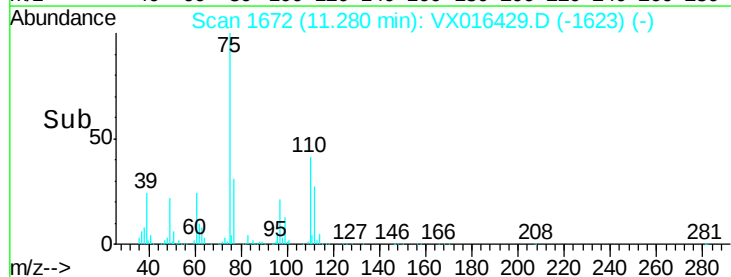
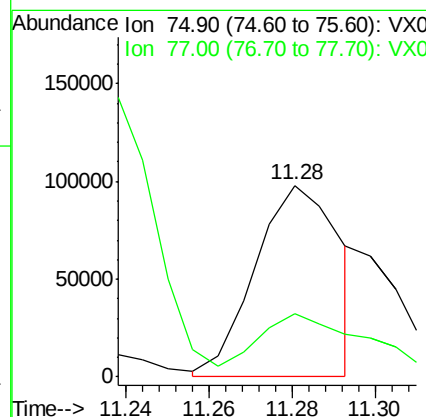
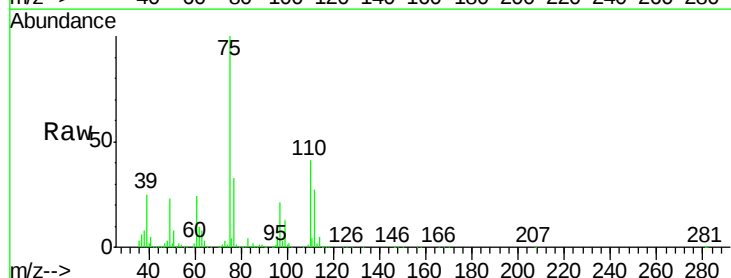
RT: 11.28 min Scan# 1672

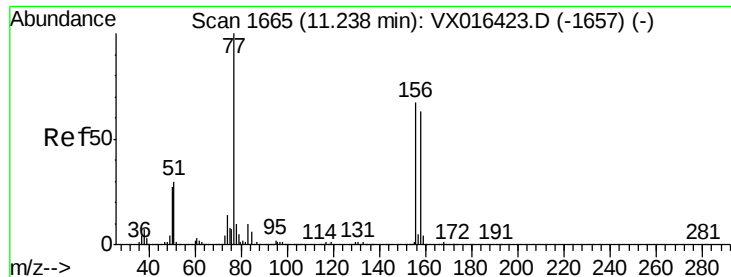
Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	75	Resp:	139050
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.4	64.3





#77

Bromobenzene

Concen: 56.119 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

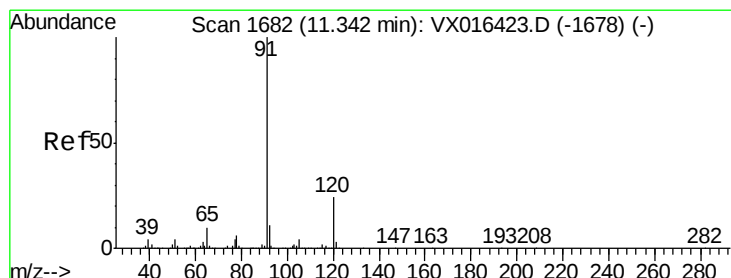
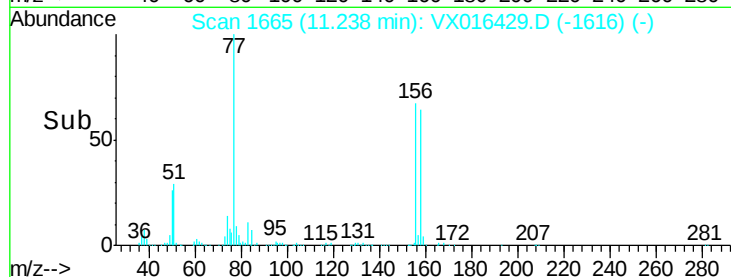
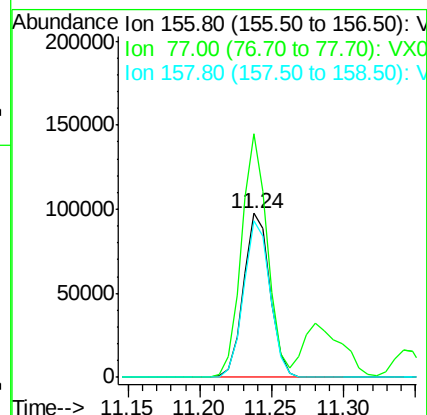
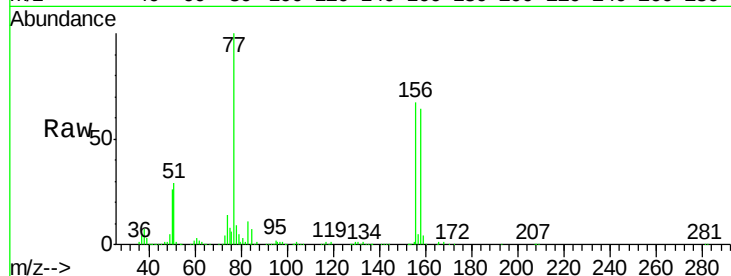
ClientSampleId :

ICVVX052620

Tot Ion:	156	Resp:	124024
Ion Ratio	Lower	Upper	
156	100		
77	146.3	74.6	223.8
158	95.6	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 54.214 ug/l

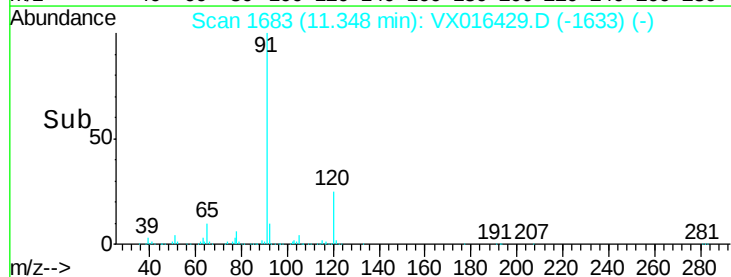
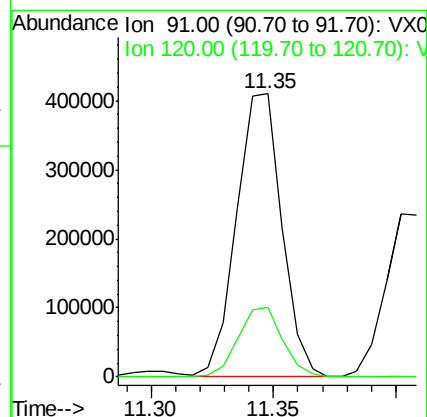
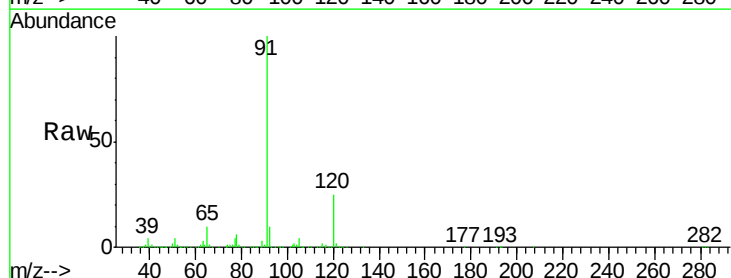
RT: 11.35 min Scan# 1683

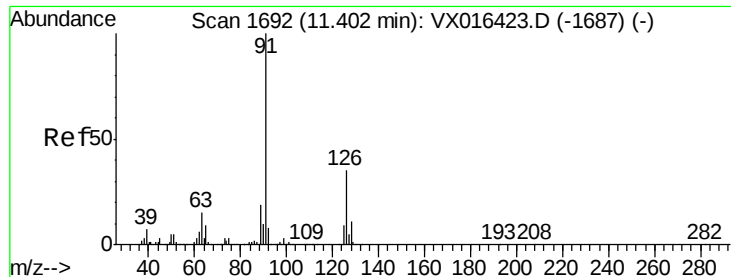
Delta R.T. 0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	91	Resp:	523153
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.1	36.3





#79

2-Chlorotoluene

Concen: 54.160 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052620

Tot Ion: 91 Resp: 310918

Ion Ratio Lower Upper

91 100

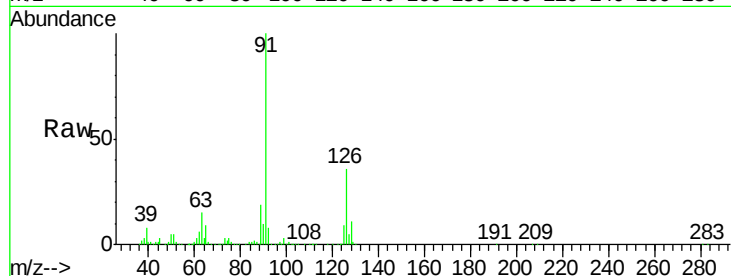
126 36.4 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016423.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016423.D (-1687) (-)

400000

300000

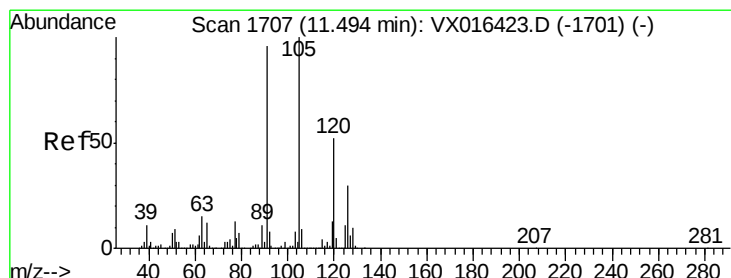
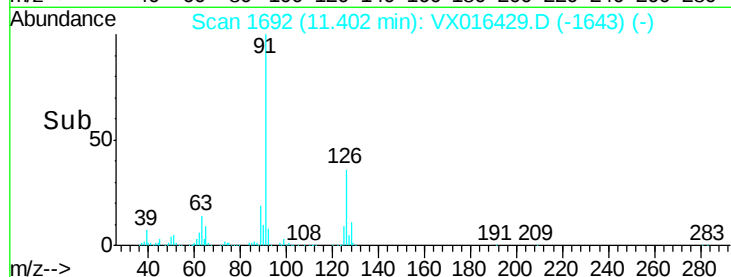
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.437 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016429.D

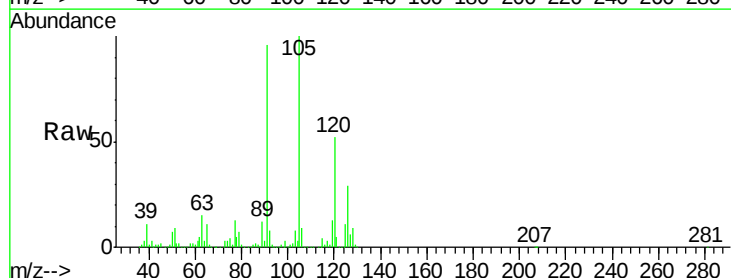
Acq: 26 May 2020 16:37

Tgt Ion: 105 Resp: 388445

Ion Ratio Lower Upper

105 100

120 51.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX016423.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016423.D (-1701) (-)

300000

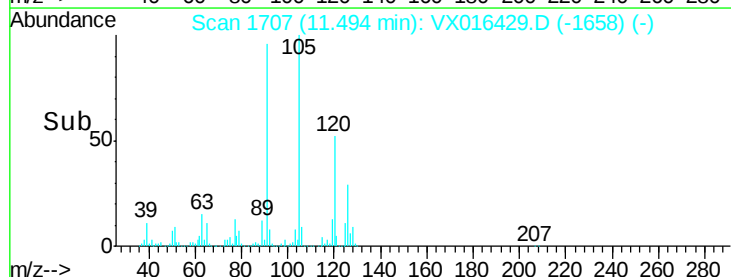
200000

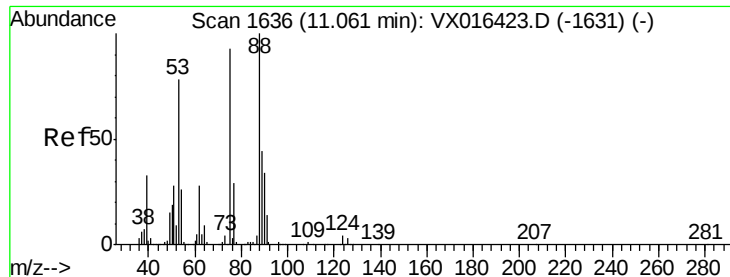
100000

0

11.45 11.50 11.55

Time-->





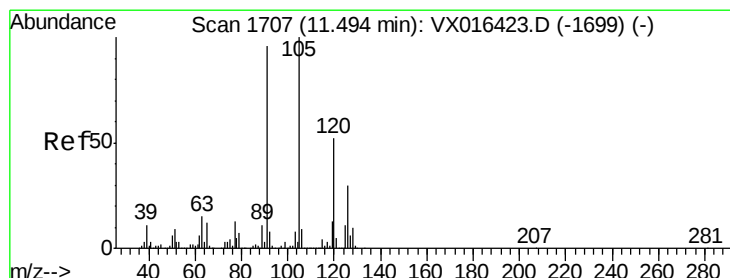
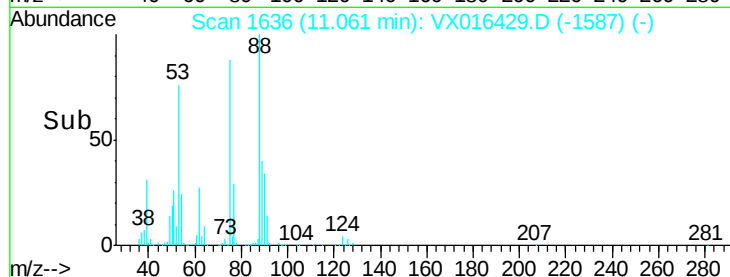
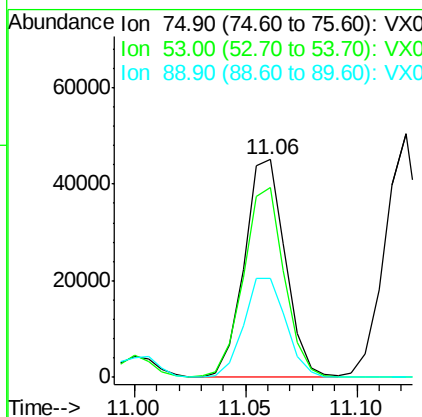
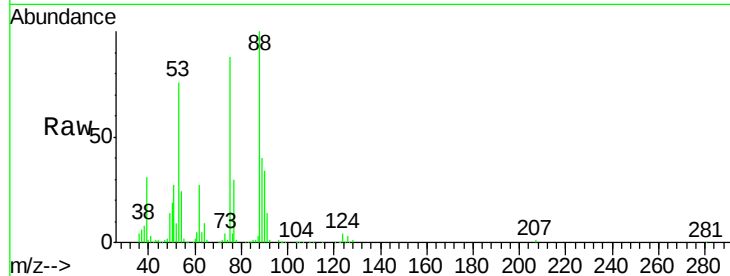
#81
trans-1,4-Dichloro-2-butene
Concen: 52.613 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.1	69.4	104.2
89	47.1	37.0	55.6

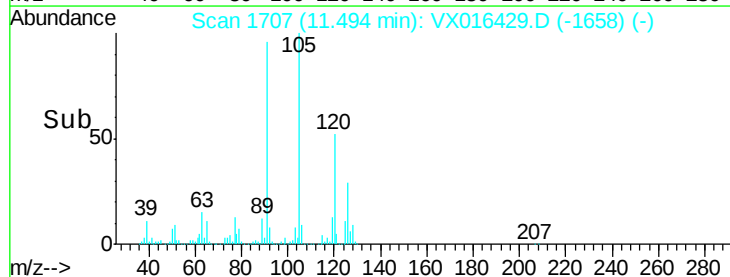
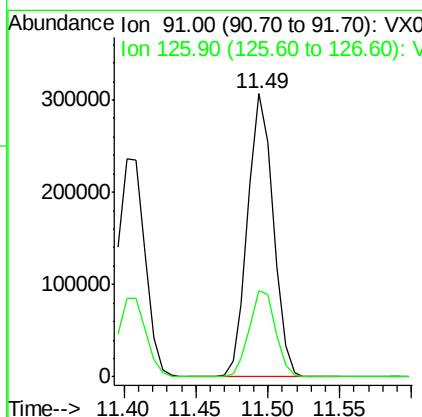
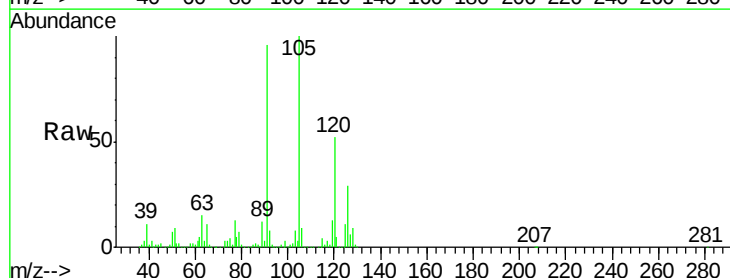
Manual Integrations
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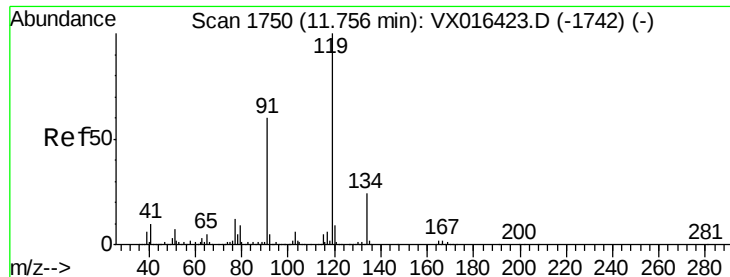
MMDadoda
5/27/2020 12:27:50 PM



#82
4-Chlorotoluene
Concen: 54.430 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





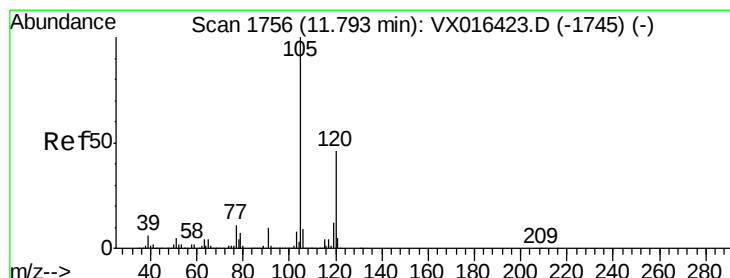
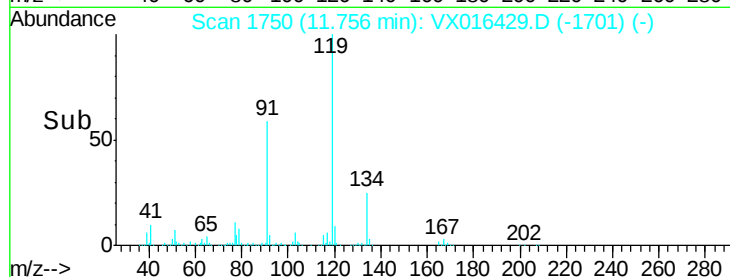
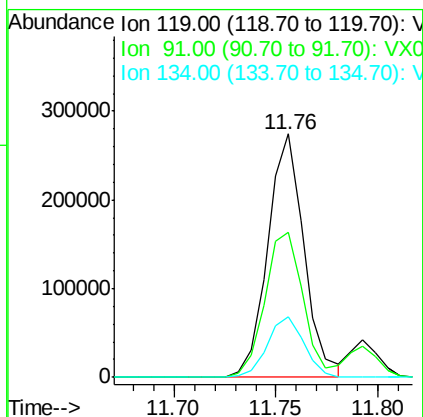
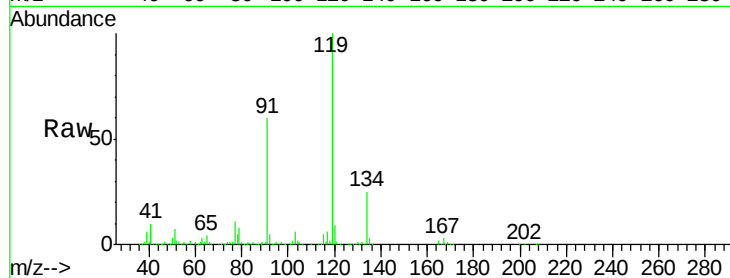
#83
tert-Butylbenzene
Concen: 55.744 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ratio	Resp	Lower	Upper
119	100	340143		
91	62.0	30.8	92.3	
134	25.0	12.3	36.9	

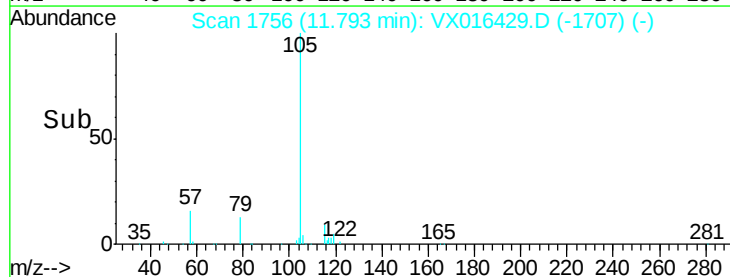
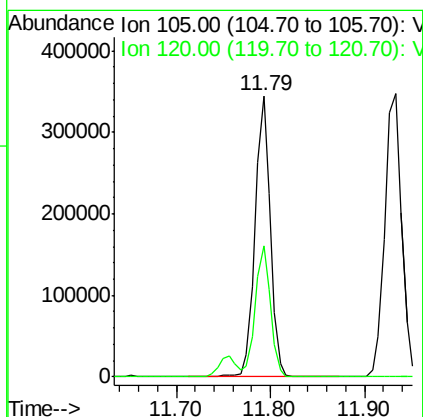
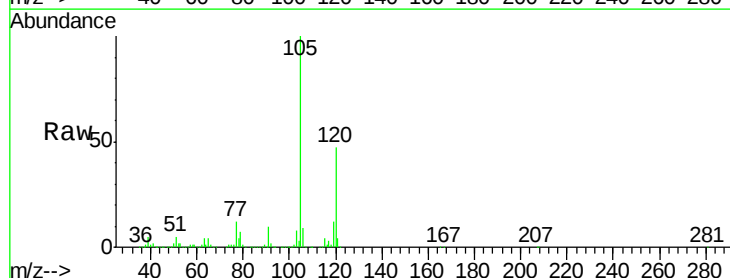
Manual Integrations
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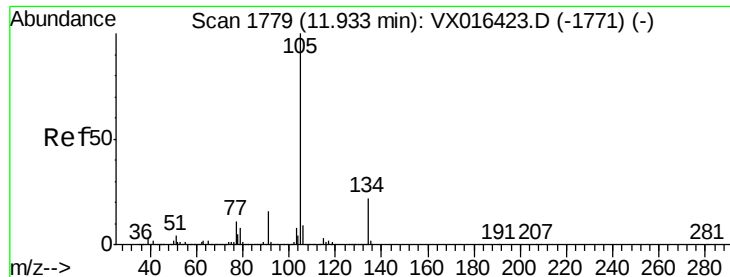
MMDadoda
5/27/2020 12:27:50 PM



#84
1,2,4-Trimethylbenzene
Concen: 55.029 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	395726		
120	46.7	23.2	69.6	





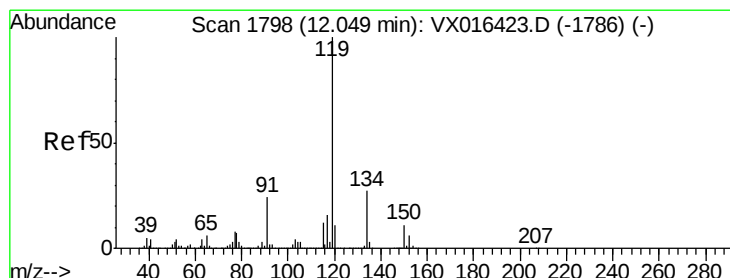
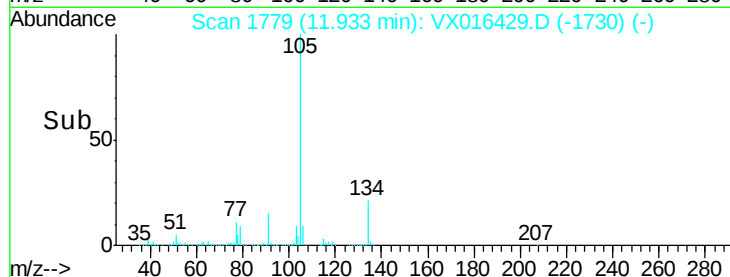
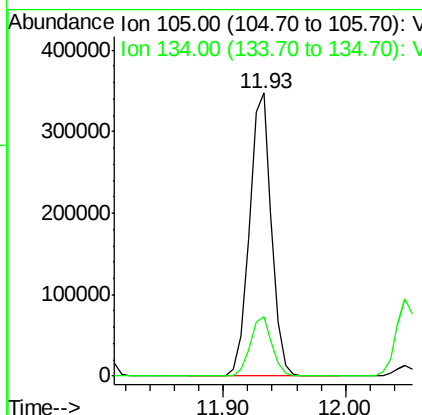
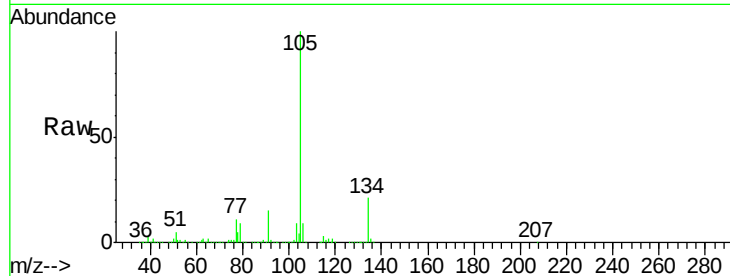
#85
 sec-Butylbenzene
 Concen: 56.016 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.5	31.6

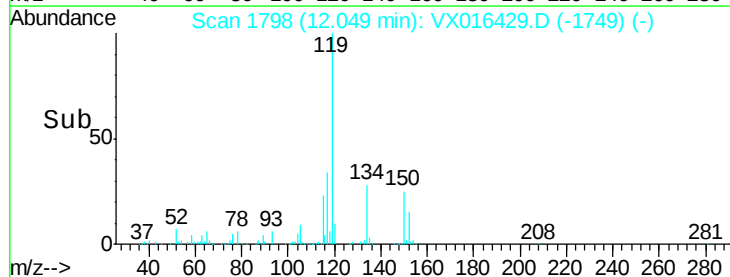
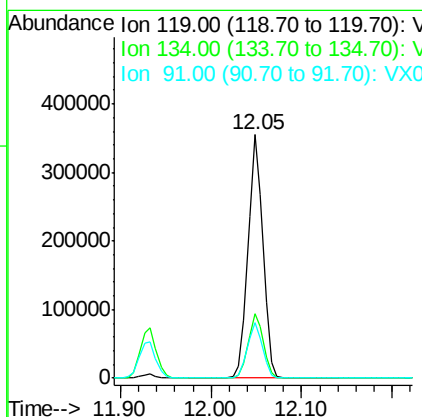
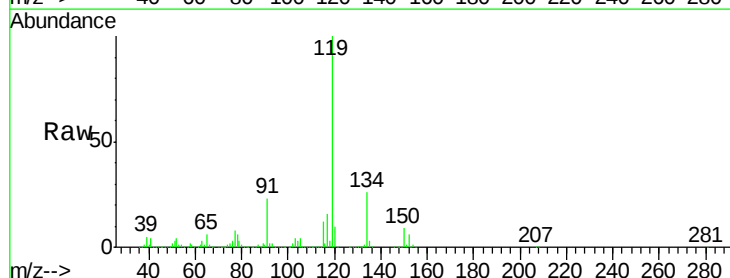
Manual Integrations
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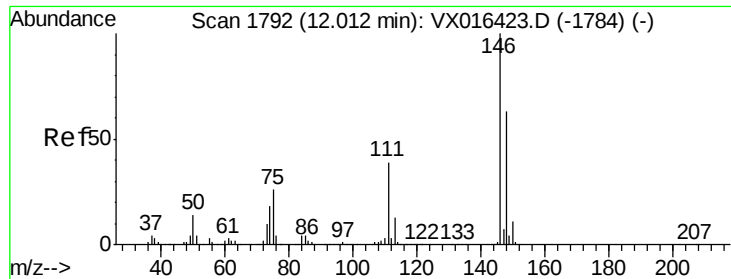
MMDadoda
 5/27/2020 12:27:50 PM



#86
 p-Isopropyltoluene
 Concen: 56.029 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.8	41.3
91	23.1	11.9	35.5





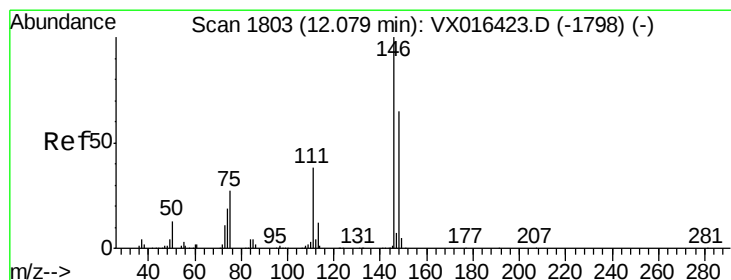
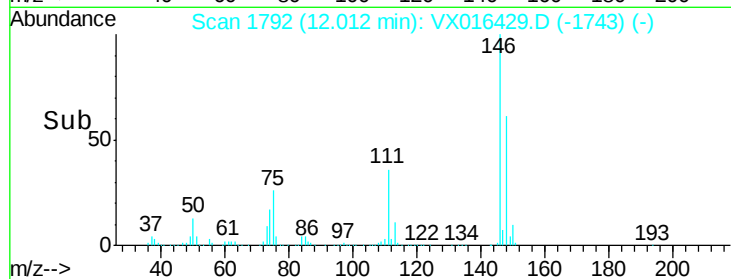
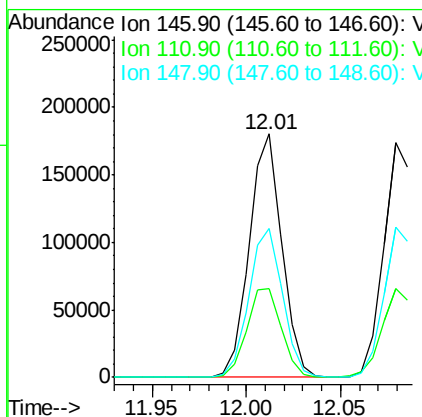
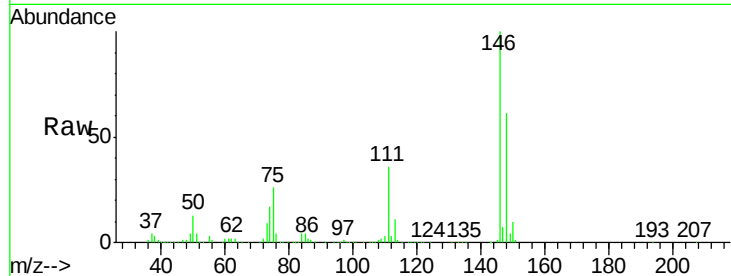
#87
 1,3-Dichlorobenzene
 Concen: 55.058 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	62.9	31.4	94.2

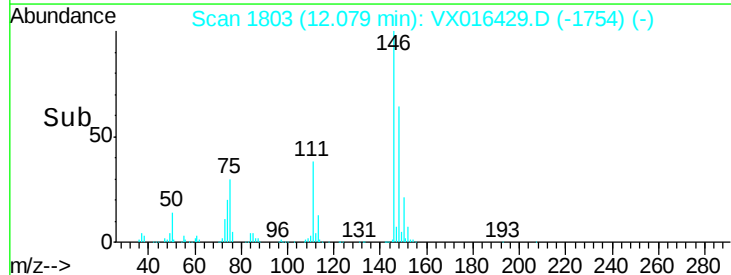
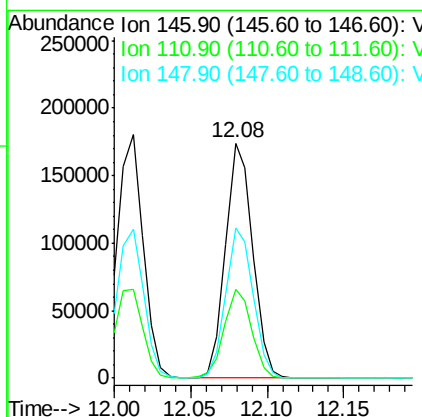
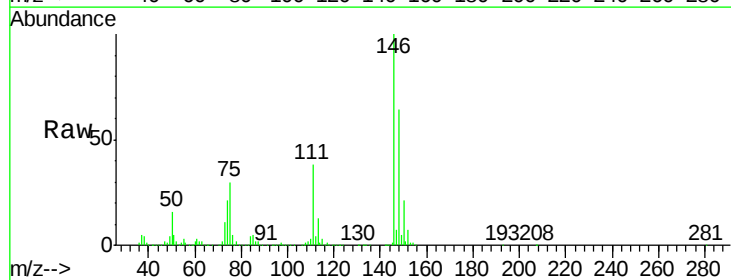
Manual Integrations
 APPROVED

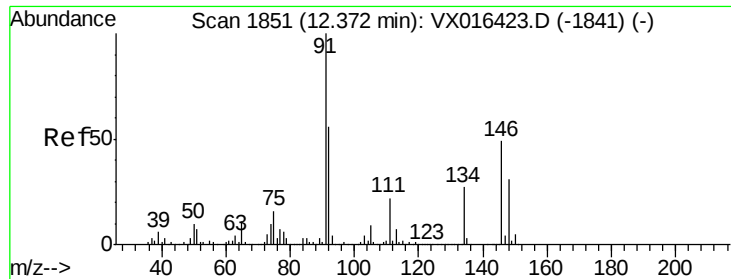
MMDadoda
 5/27/2020 12:27:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 53.954 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	64.4	33.1	99.2





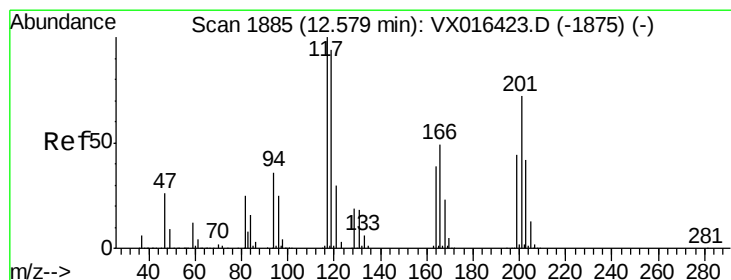
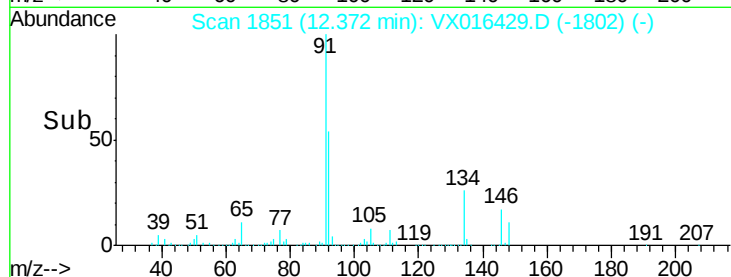
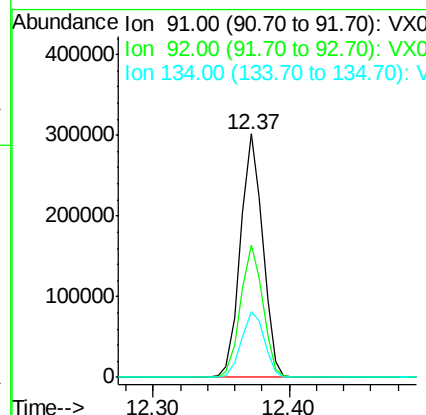
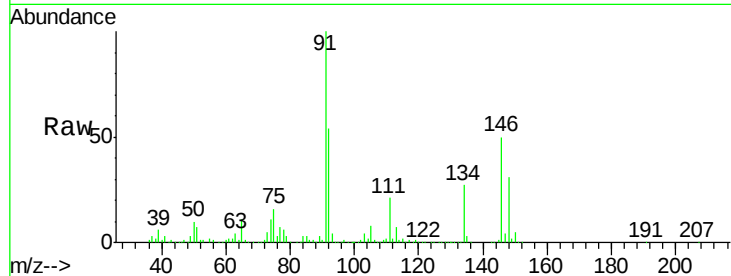
#89
n-Butylbenzene
Concen: 54.836 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		343572		
92	54.4	27.6		82.8	
134	27.8	13.7		41.1	

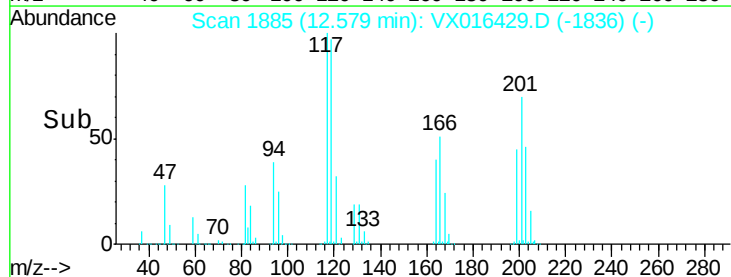
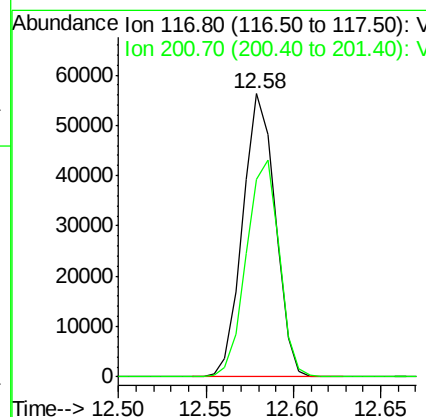
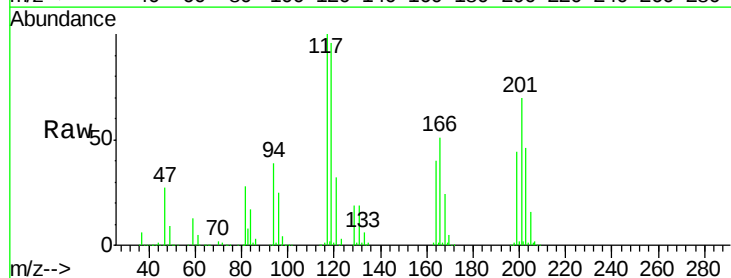
Manual Integrations
APPROVED

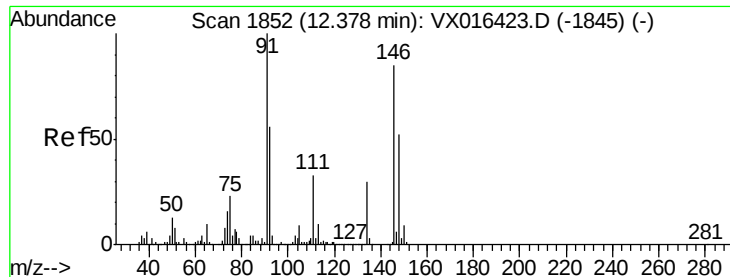
MMDadoda
5/27/2020 12:27:50 PM



#90
Hexachloroethane
Concen: 55.957 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016429.D
Acq: 26 May 2020 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		73236		
201	77.2	37.6		112.9	





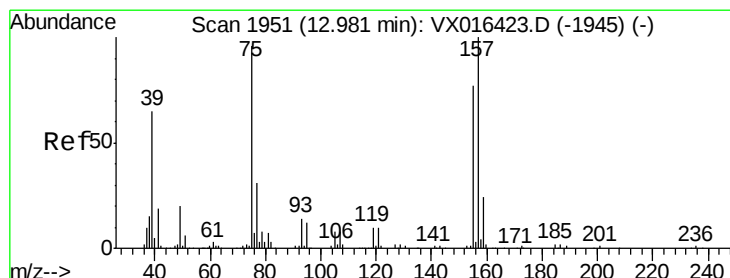
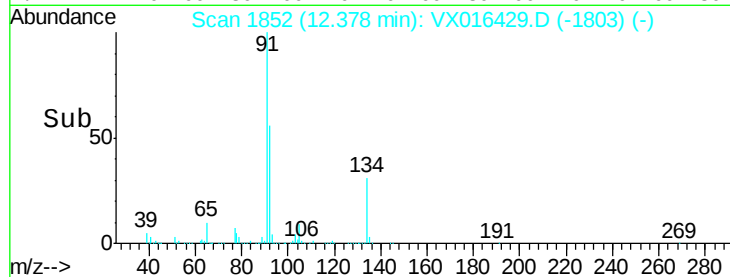
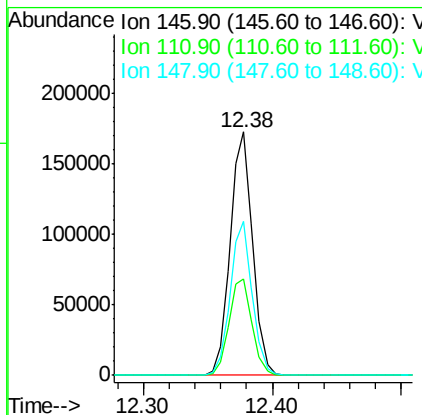
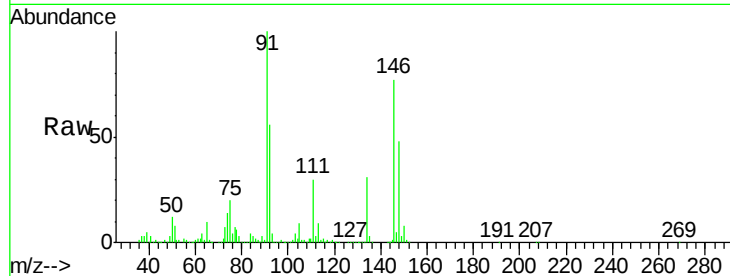
#91
 1,2-Dichlorobenzene
 Concen: 54.554 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Tot Ion	Ratio	Resp	Lower	Upper
146	100	210913		
111	40.6		20.4	61.3
148	61.9		31.6	94.8

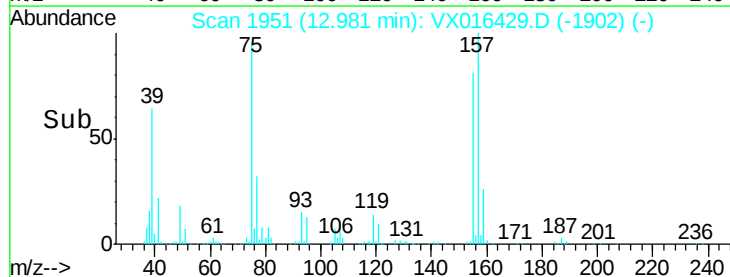
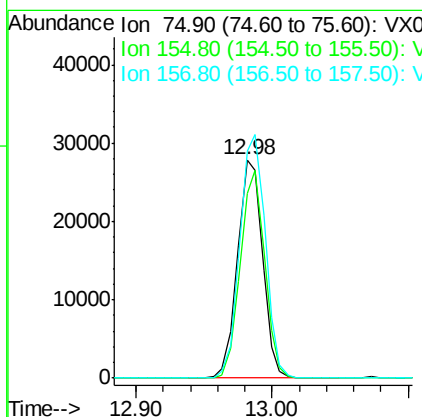
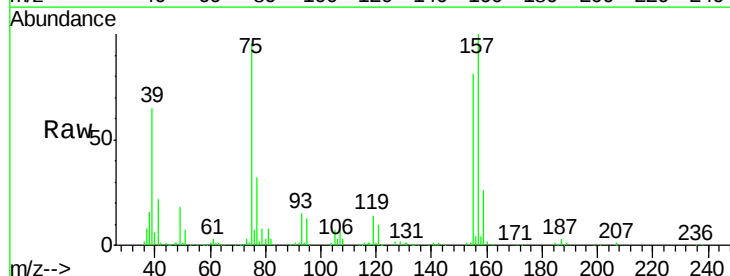
Manual Integrations
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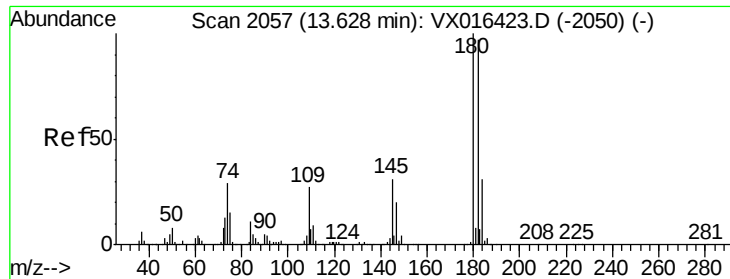
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.812 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35901		
155	92.7		44.8	134.4
157	113.2		57.8	173.4





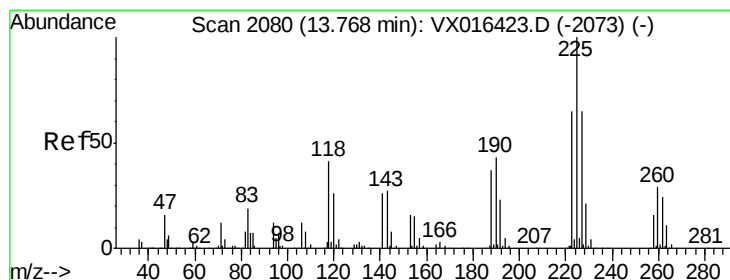
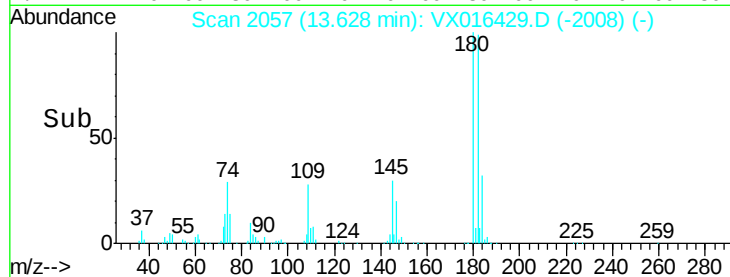
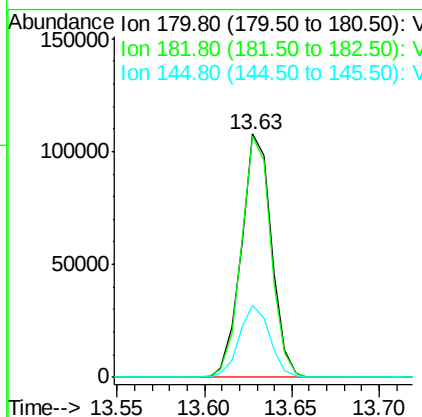
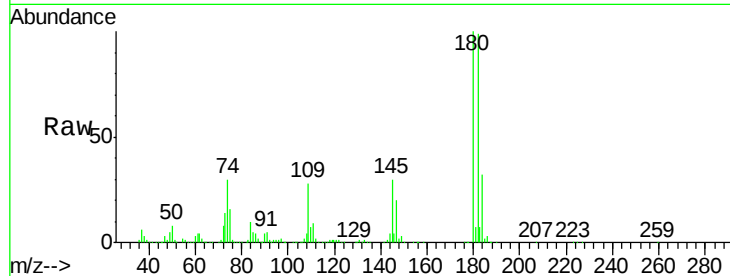
#93
 1,2,4-Trichlorobenzene
 Concen: 53.569 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128907		
182	97.0	48.6	145.8	
145	30.2	15.5	46.5	

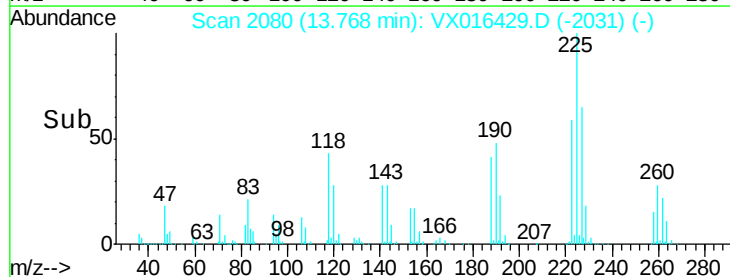
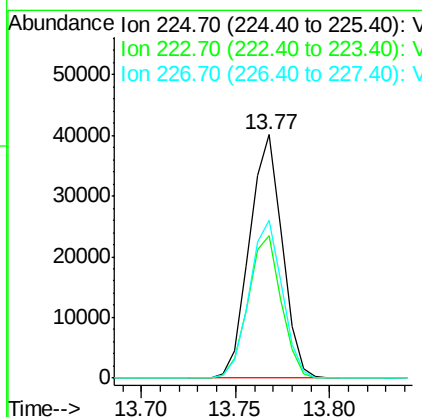
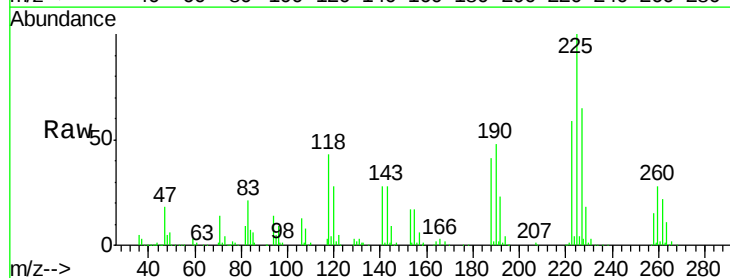
Manual Integrations
 APPROVED

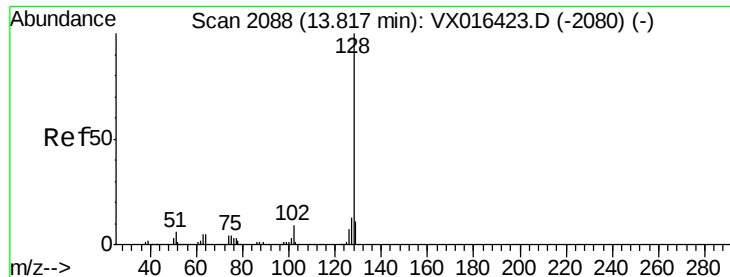
MMDadoda
 5/27/2020 12:27:50 PM



#94
 Hexachlorobutadiene
 Concen: 55.813 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016429.D
 Acq: 26 May 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48430		
223	58.9	32.6	98.0	
227	64.9	32.5	97.4	





#95

Naphthalene

Concen: 54.375 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Instrument :

MSVOA_X

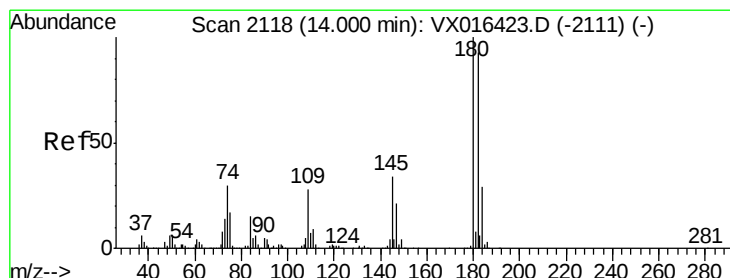
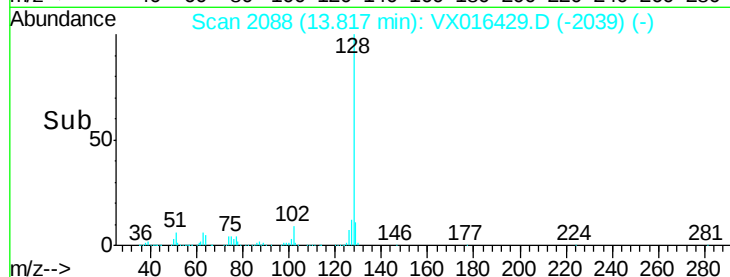
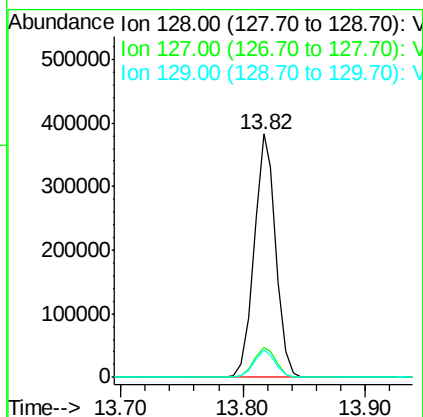
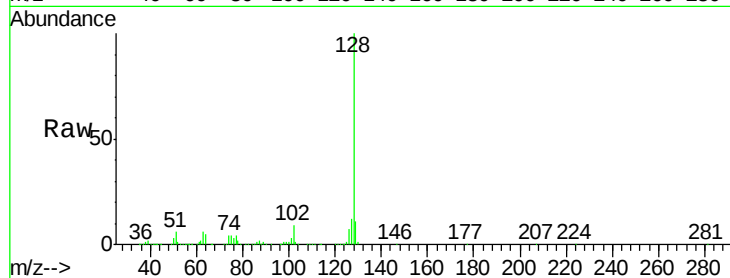
ClientSampleId :

ICVX052620

Tot Ion:	128	Resp:	468861
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.9	8.9	13.3

Manual Integrations
APPROVED

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5/27/2020 12:27:50 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.794 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016429.D

Acq: 26 May 2020 16:37

Tgt Ion:	180	Resp:	127441
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.2	144.6
145	32.6	16.3	48.9

