

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016425.D
 Acq On : 26 May 2020 14:24
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:32 PM

Quant Time: May 26 16:03:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	169976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	270005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	259238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	135879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	305435	135.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.46%	
35) Dibromofluoromethane	5.47	113	263268	152.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.12%	
50) Toluene-d8	8.70	98	977769	146.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.74%	
62) 4-Bromofluorobenzene	11.12	95	378866	150.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	222179	128.851	ug/l	98
3) Chloromethane	1.31	50	228676	112.368	ug/l	98
4) Vinyl Chloride	1.39	62	297634	132.546	ug/l	99
5) Bromomethane	1.62	94	429691	293.627	ug/l	97
6) Chloroethane	1.68	64	253075	181.525	ug/l	100
7) Trichlorofluoromethane	1.90	101	513392	168.085	ug/l	97
8) Diethyl Ether	2.17	74	207134	162.138	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	233785	140.125	ug/l	97
10) Methyl Iodide	2.48	142	300931	140.342	ug/l	95
11) Tert butyl alcohol	3.04	59	372227	673.949	ug/l	99
12) 1,1-Dichloroethene	2.35	96	242832	139.166	ug/l	96
13) Acrolein	2.27	56	180475	538.111	ug/l	99
14) Allyl chloride	2.70	41	384199	121.912	ug/l	98
15) Acrylonitrile	3.12	53	741695	644.663	ug/l	100
16) Acetone	2.42	43	613204	625.973	ug/l	100
17) Carbon Disulfide	2.54	76	705475	118.954	ug/l	99
18) Methyl Acetate	2.75	43	302746	125.778	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	843012	139.376	ug/l	98
20) Methylene Chloride	2.83	84	268734	131.801	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	277514	140.728	ug/l	96
22) Diisopropyl ether	3.82	45	782859	129.724	ug/l	99
23) Vinyl Acetate	3.79	43	3609998	681.187	ug/l	99
24) 1,1-Dichloroethane	3.67	63	458966	135.057	ug/l	98
25) 2-Butanone	4.64	43	1025520	648.897	ug/l	98
26) 2,2-Dichloropropane	4.55	77	414230	133.144	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	309661	143.116	ug/l	99
28) Bromochloromethane	4.98	49	210080	134.965	ug/l	99
29) Tetrahydrofuran	5.09	42	670428	641.091	ug/l	99
30) Chloroform	5.18	83	482796	141.305	ug/l	97
31) Cyclohexane	5.55	56	391669	129.018	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	450910	144.733	ug/l	99
36) 1,1-Dichloropropene	5.77	75	361982	137.045	ug/l	99
37) Ethyl Acetate	4.80	43	398654	132.330	ug/l	100
38) Carbon Tetrachloride	5.76	117	408106	151.355	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	408177	130.552	ug/l	98
40) Benzene	6.12	78	1069118	138.135	ug/l	99
41) Methacrylonitrile	5.01	41	211887	130.311	ug/l	98
42) 1,2-Dichloroethane	6.17	62	379245	136.206	ug/l	100
43) Isopropyl Acetate	6.42	43	641058	132.958	ug/l	100
44) Trichloroethene	7.19	130	345367	126.289	ug/l	96
45) 1,2-Dichloropropane	7.49	63	264268	135.923	ug/l	99
46) Dibromomethane	7.64	93	196269	146.030	ug/l	95
47) Bromodichloromethane	7.88	83	402126	148.144	ug/l	98
48) Methyl methacrylate	7.75	41	301660	132.790	ug/l	99
49) 1,4-Dioxane	7.72	88	155248	2807.289	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2066442	699.601	ug/l	99
52) Toluene	8.77	92	703055	145.102	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	460432	142.714	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	476071	141.872	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	291048	152.022	ug/l	97
56) Ethyl methacrylate	9.16	69	457687	148.762	ug/l	100
57) 1,3-Dichloropropane	9.35	76	463935	139.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1197955	732.784	ug/l	99
59) 2-Hexanone	9.48	43	1628964	701.631	ug/l	99
60) Dibromochloromethane	9.57	129	354911	167.358	ug/l	99
61) 1,2-Dibromoethane	9.66	107	318761	153.276	ug/l	98
64) Tetrachloroethene	9.32	164	386727	123.076	ug/l	95
65) Chlorobenzene	10.12	112	781734	144.403	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	306050	152.524	ug/l	99
67) Ethyl Benzene	10.24	91	1355475	141.201	ug/l	99
68) m/p-Xylenes	10.35	106	1089001	301.913	ug/l	98
69) o-Xylene	10.68	106	521346	150.062	ug/l	98
70) Styrene	10.70	104	912558	155.294	ug/l	98
71) Bromoform	10.84	173	283986	173.429	ug/l	100
73) Isopropylbenzene	11.01	105	1355194	138.233	ug/l	99
74) N-amyl acetate	10.88	43	582157	129.617	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	380855	211.540	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	400037m	131.556	ug/l	
77) Bromobenzene	11.24	156	365829	143.613	ug/l	97
78) n-propylbenzene	11.35	91	1521866	133.755	ug/l	100
79) 2-Chlorotoluene	11.41	91	911172	135.420	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1164230	140.727	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	180286	142.166	ug/l	98
82) 4-Chlorotoluene	11.49	91	1107256	139.225	ug/l	100
83) tert-Butylbenzene	11.76	119	1023295	143.601	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1155326	138.422	ug/l	99
85) sec-Butylbenzene	11.93	105	1266933	132.895	ug/l	100
86) p-Isopropyltoluene	12.05	119	1188028	134.553	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	652154	143.325	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	659486	142.717	ug/l	97
89) n-Butylbenzene	12.37	91	1039905	129.642	ug/l	99
90) Hexachloroethane	12.58	117	226774	148.591	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	631065	143.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108150	134.846	ug/l	93

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VSTDICC150

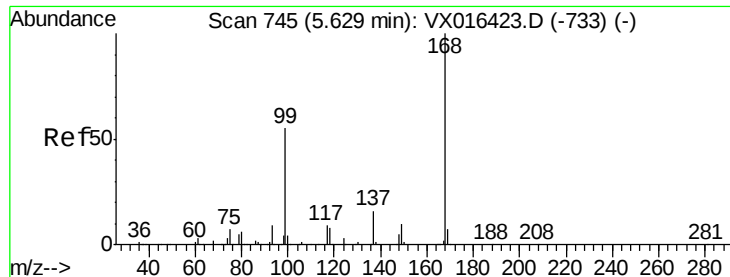
Manual Integrations
APPROVED

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5/27/2020 12:27:32 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	420928	131.832	ug/l	98
94) Hexachlorobutadiene	13.76	225	142749	99.980	ug/l	97
95) Naphthalene	13.82	128	1479152	141.451	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	394389	126.985	ug/l	99

(#) = 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: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 169976

Ion Ratio Lower Upper

168 100

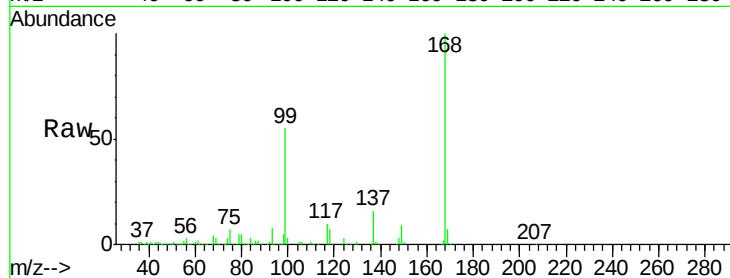
99 55.2 44.4 66.6

Manual Integrations

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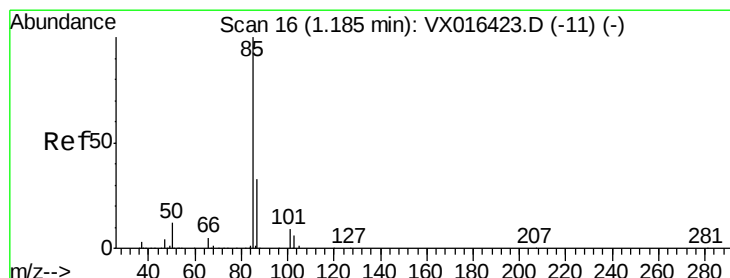
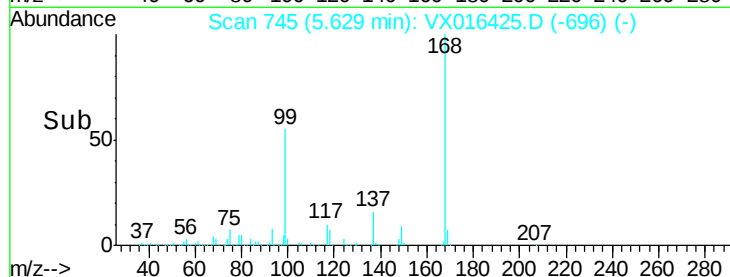
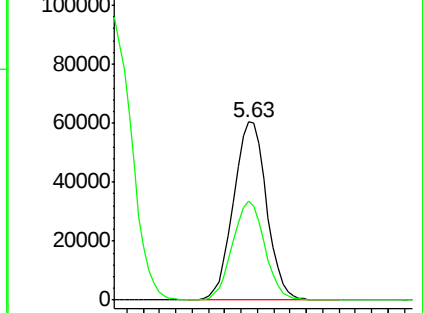
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 128.851 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016425.D

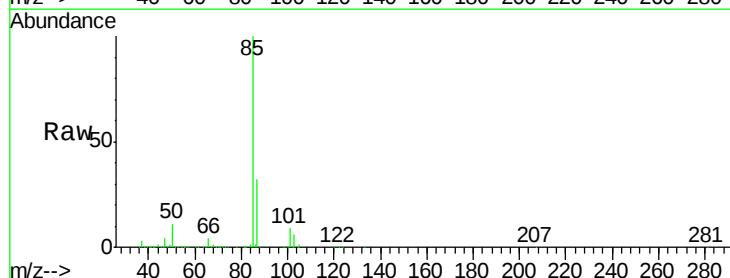
Acq: 26 May 2020 14:24

Tgt Ion: 85 Resp: 222179

Ion Ratio Lower Upper

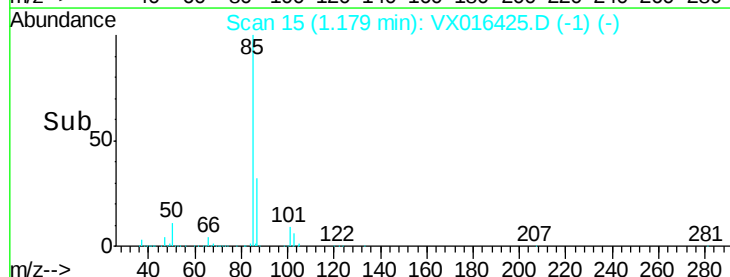
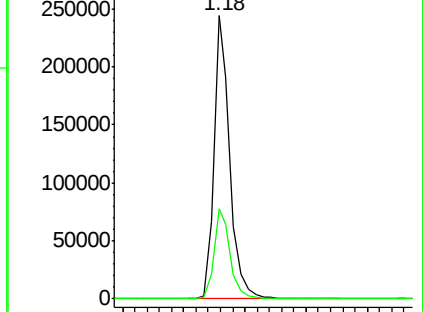
85 100

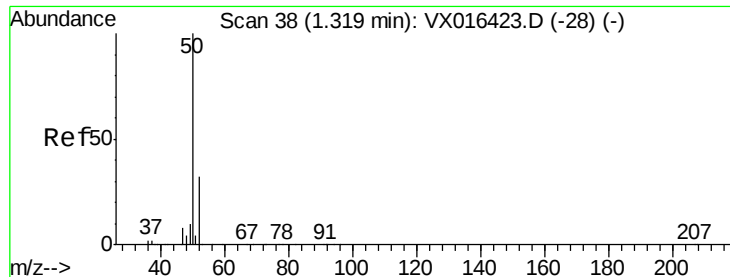
87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 112.368 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 228676

Ion Ratio Lower Upper

50 100

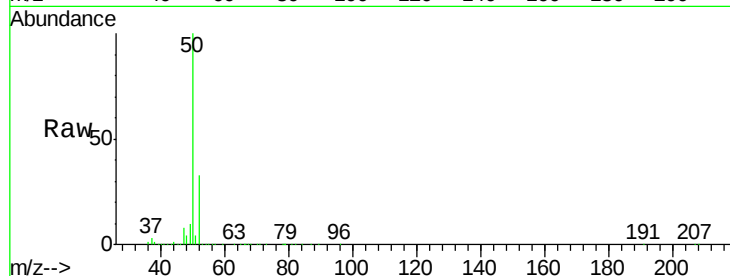
52 33.4 25.9 38.9

Manual Integrations

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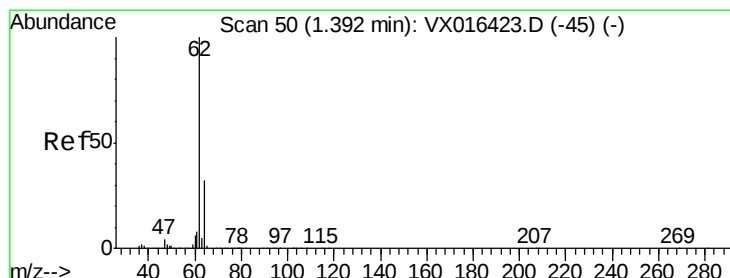
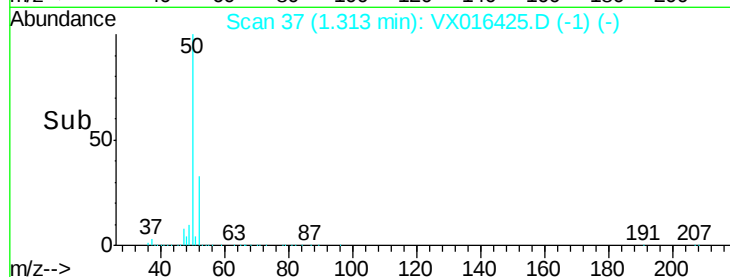
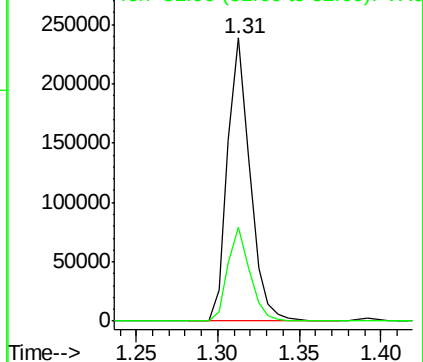
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 132.546 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016425.D

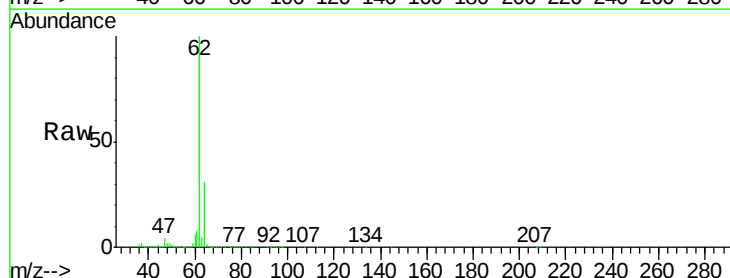
Acq: 26 May 2020 14:24

Tgt Ion: 62 Resp: 297634

Ion Ratio Lower Upper

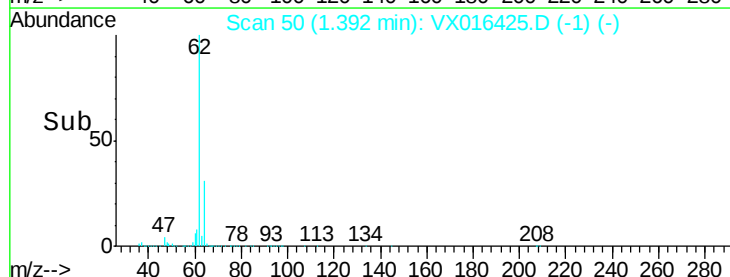
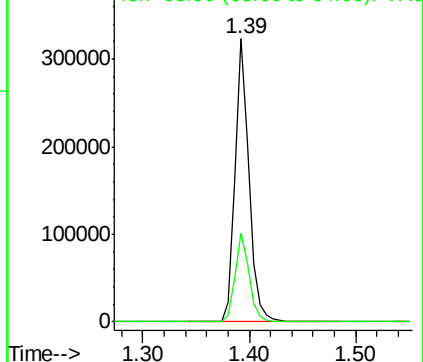
62 100

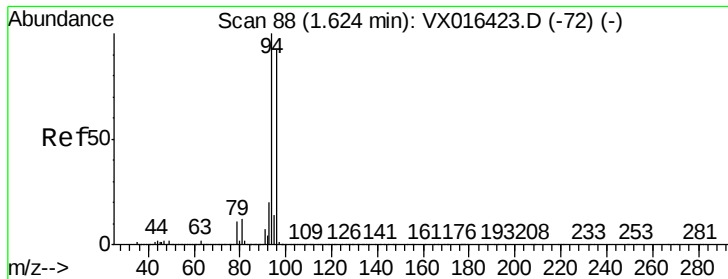
64 31.2 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 293.627 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 429691

Ion Ratio Lower Upper

94 100

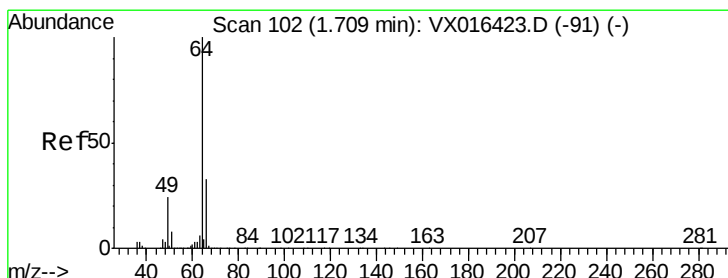
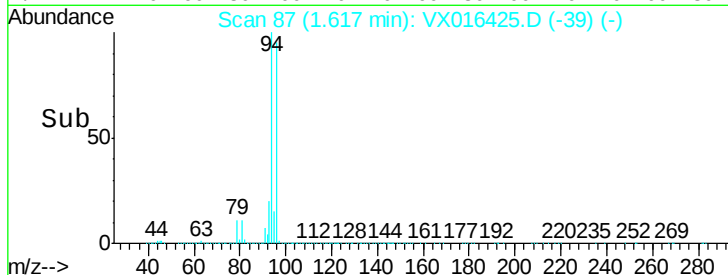
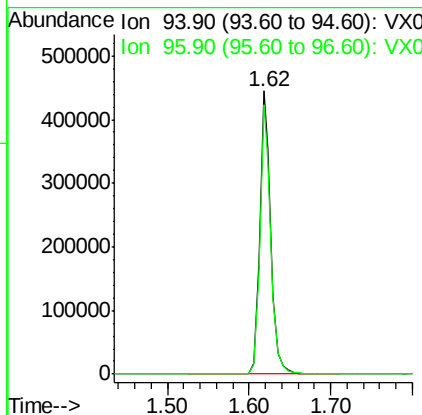
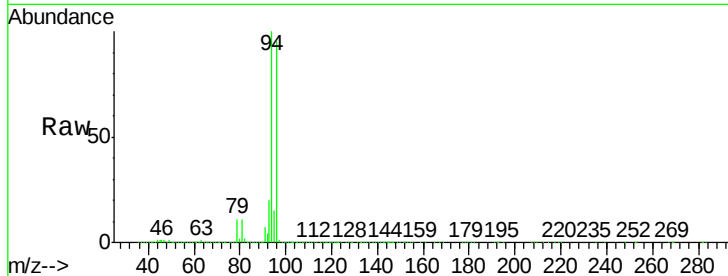
96 95.1 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 181.525 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.02 min

Lab File: VX016425.D

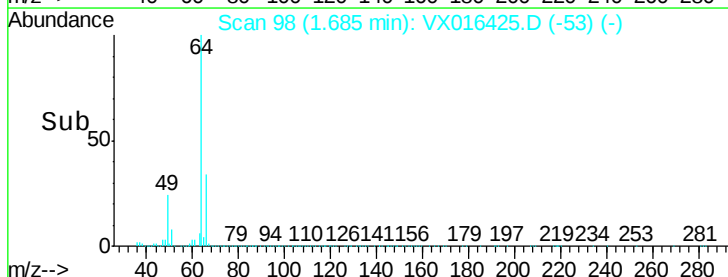
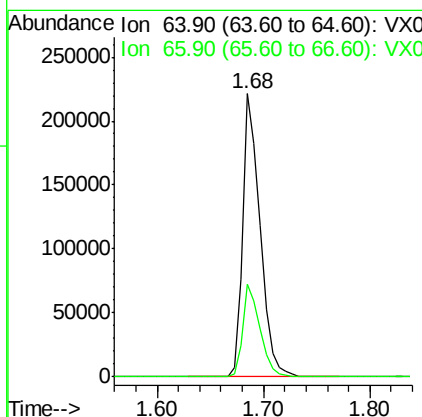
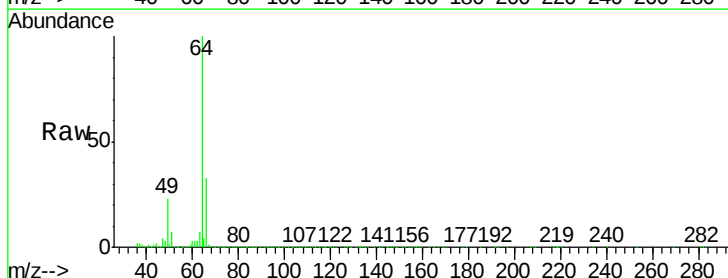
Acq: 26 May 2020 14:24

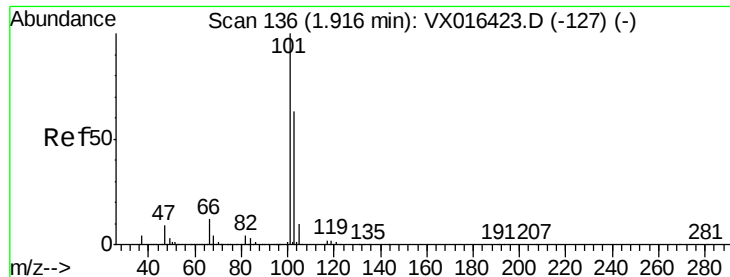
Tgt Ion: 64 Resp: 253075

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0





#7

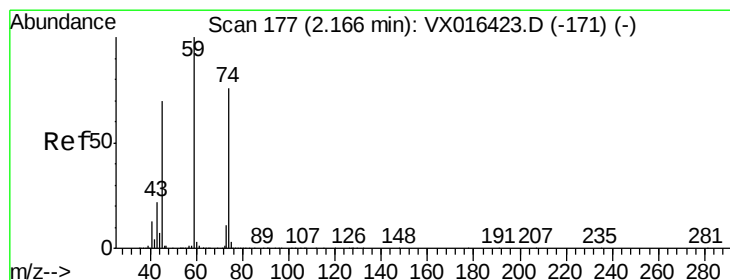
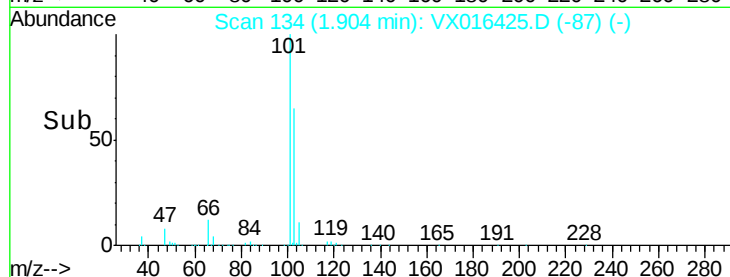
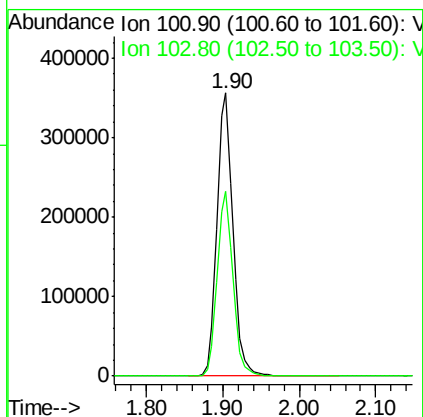
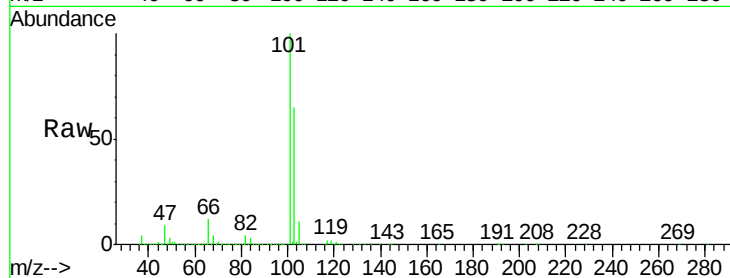
Trichlorofluoromethane
Concen: 168.085 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.1	75.1

Manual Integrations
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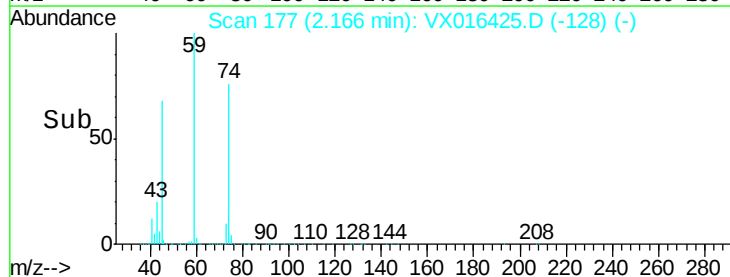
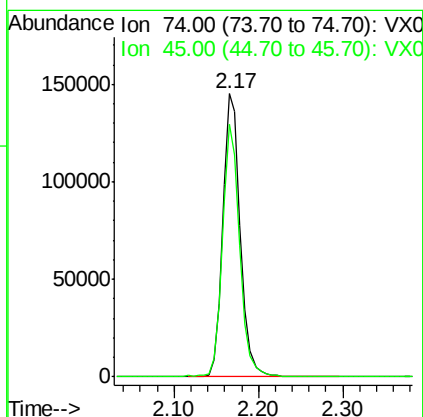
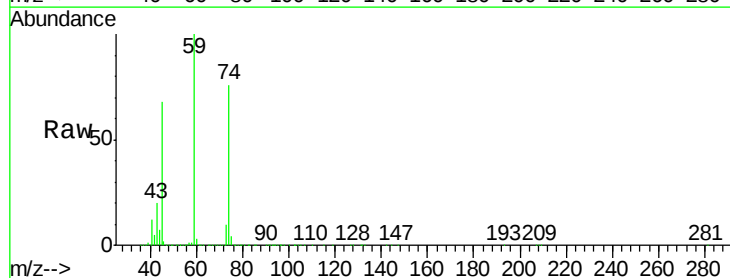
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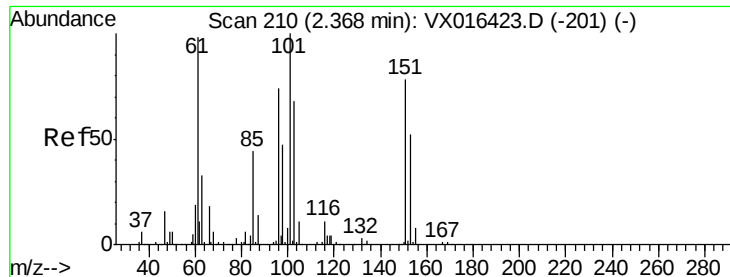


#8

Diethyl Ether
Concen: 162.138 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.125 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

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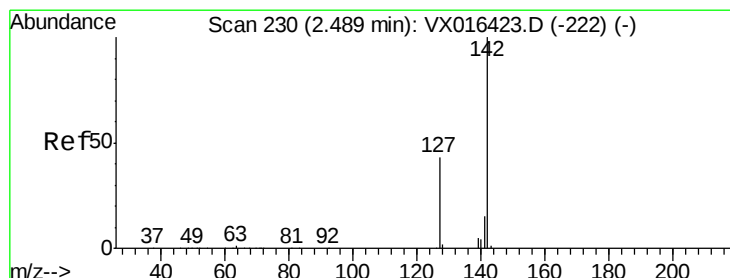
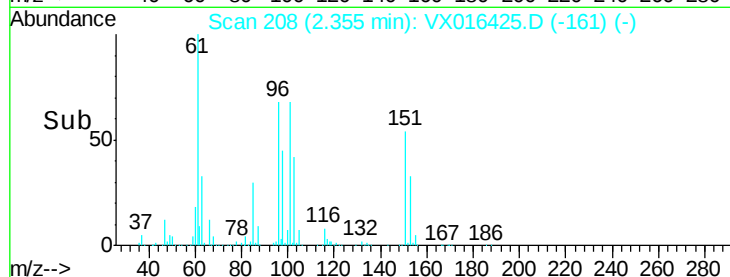
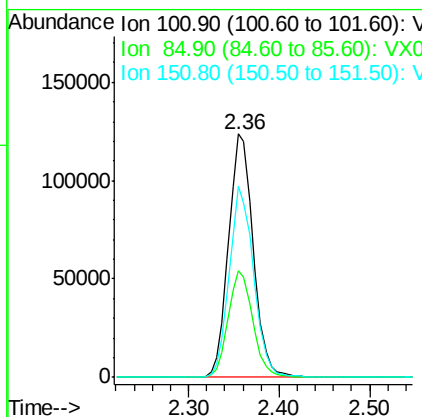
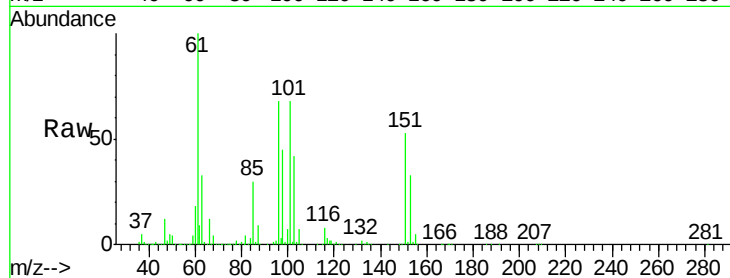
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	233785
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.2	54.4
151	77.6	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 140.342 ug/l

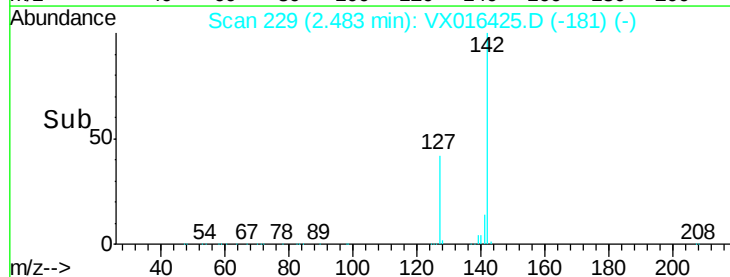
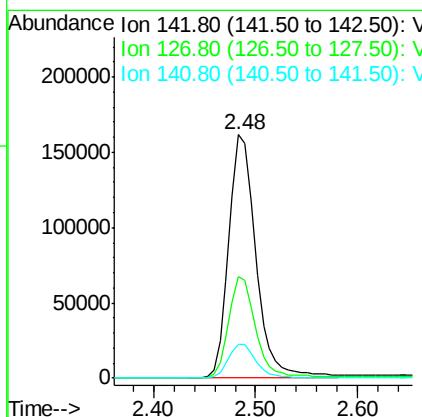
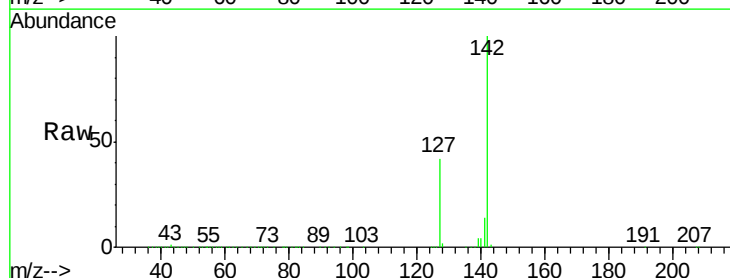
RT: 2.48 min Scan# 229

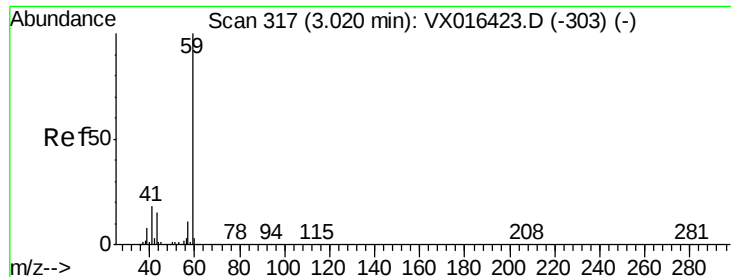
Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion:	142	Resp:	300931
Ion Ratio	Lower	Upper	
142	100		
127	41.5	36.2	54.4
141	14.1	12.2	18.2





#11

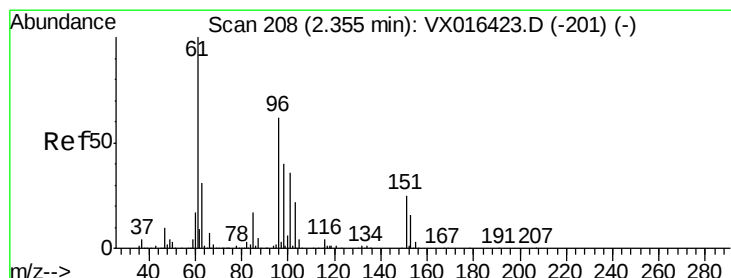
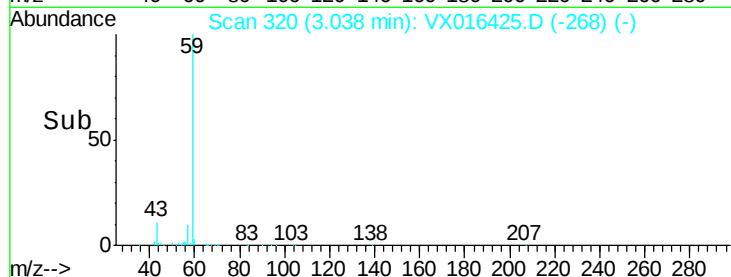
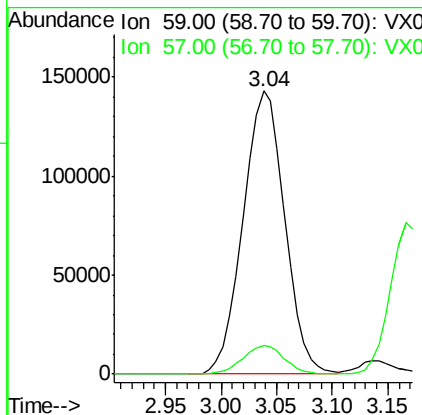
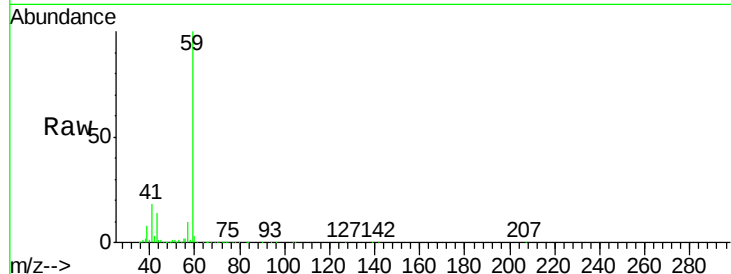
Tert butyl alcohol
Concen: 673.949 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

Manual Integrations
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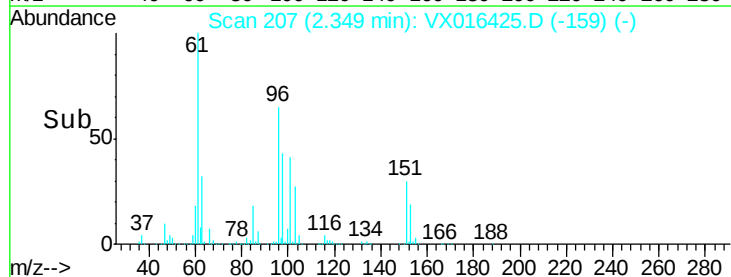
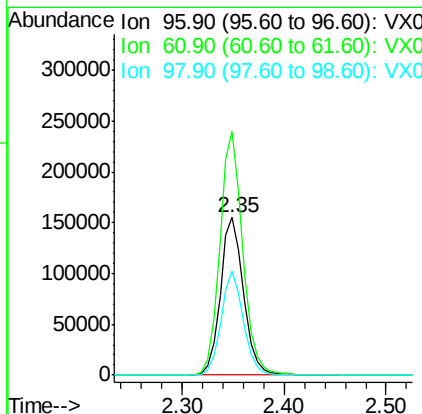
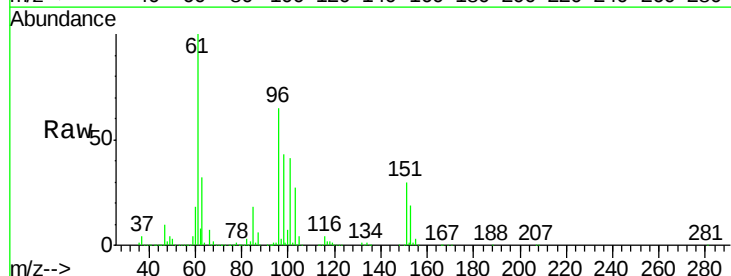
MMDadoda
5/27/2020 12:27:32 PM

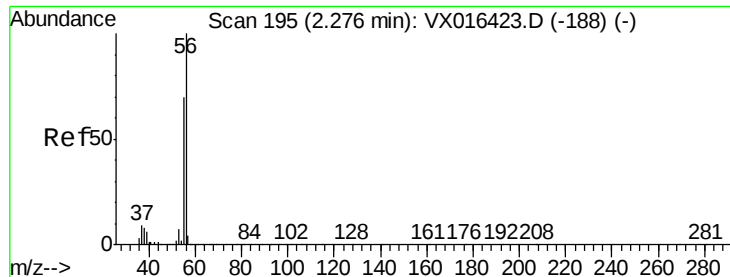


#12

1,1-Dichloroethene
Concen: 139.166 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.7	128.2	192.4
98	66.5	50.8	76.2





#13

Acrolein

Concen: 538.111 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 180475

Ion Ratio Lower Upper

56 100

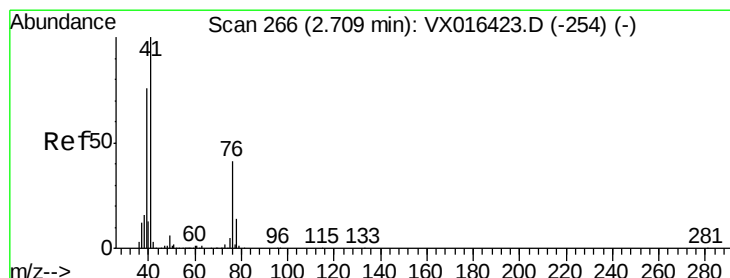
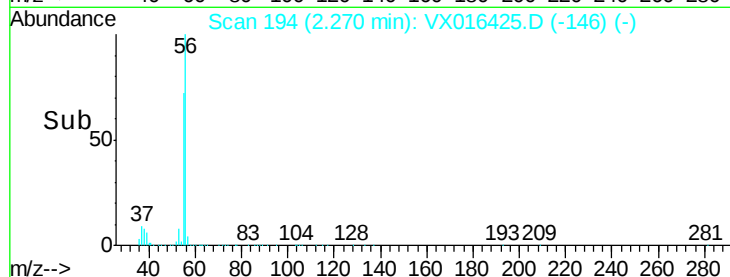
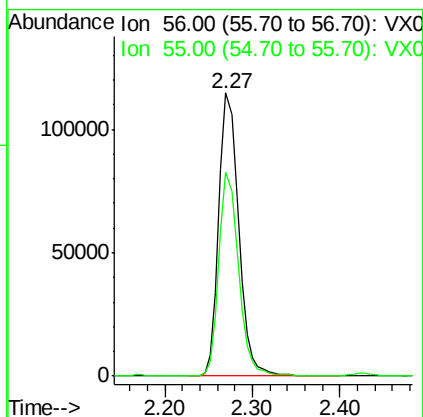
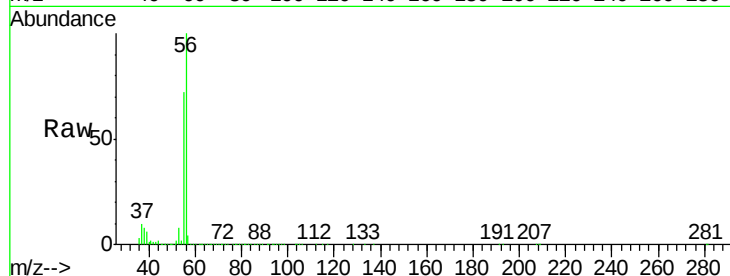
55 71.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 121.912 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

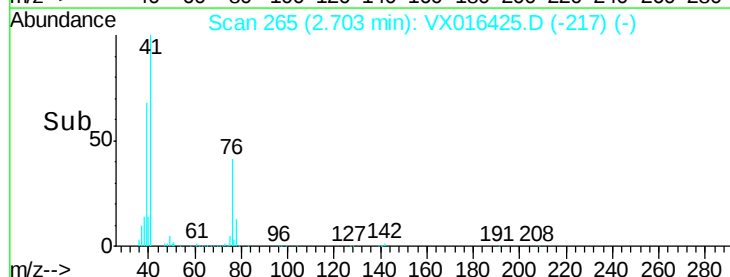
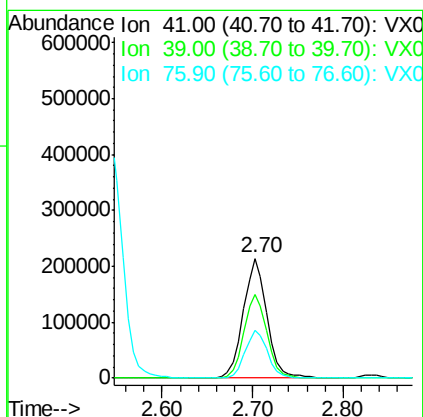
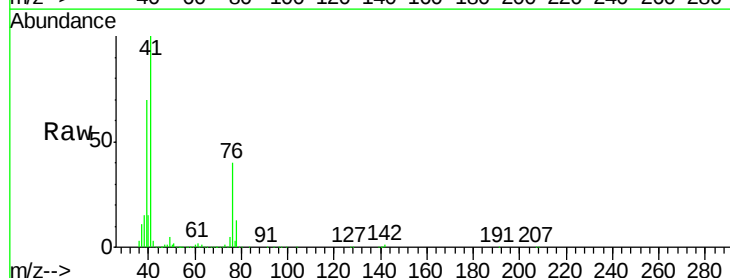
Tgt Ion: 41 Resp: 384199

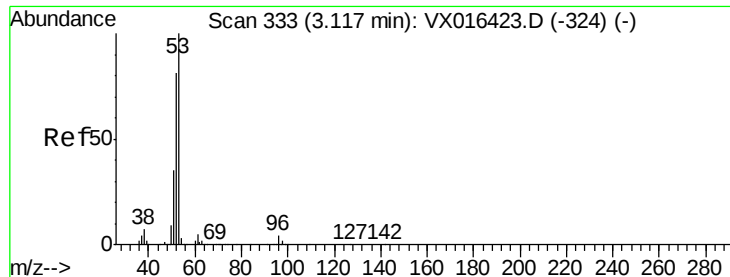
Ion Ratio Lower Upper

41 100

39 67.8 55.8 83.8

76 38.3 29.6 44.4





#15

Acrylonitrile

Concen: 644.663 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

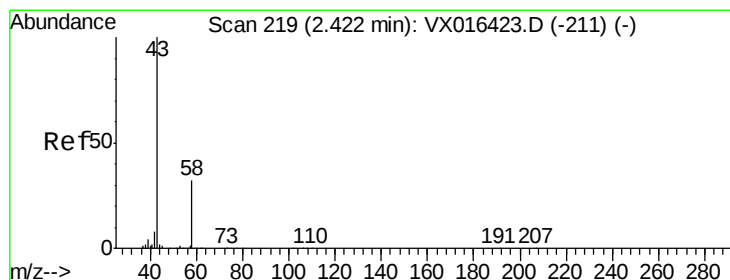
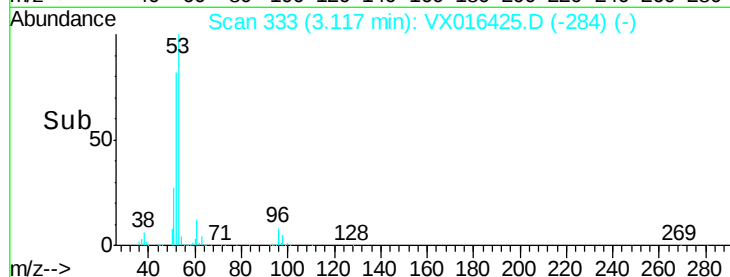
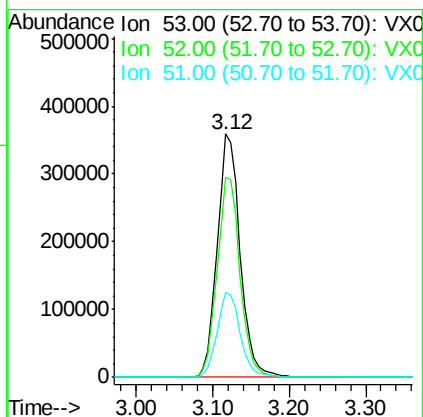
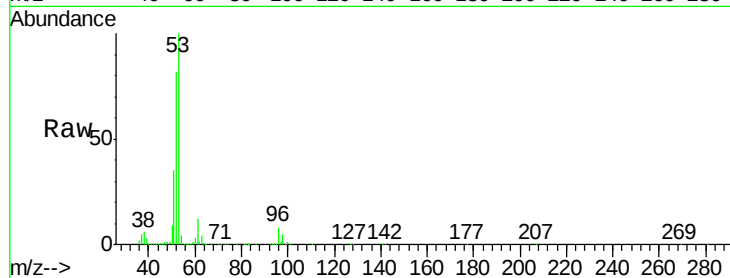
ClientSampleId :

VSTDICC150

Tot Ion:	53	Resp:	741695
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.4	98.2
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 625.973 ug/l

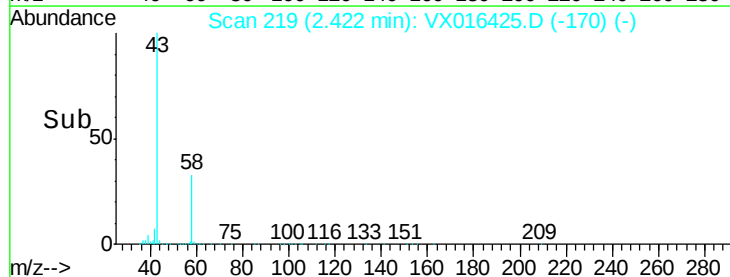
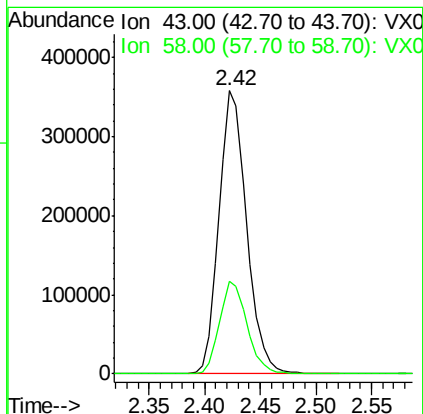
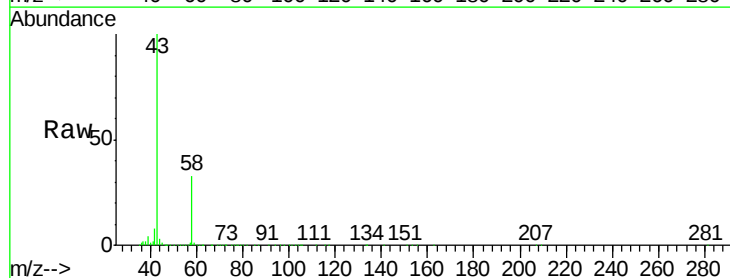
RT: 2.42 min Scan# 219

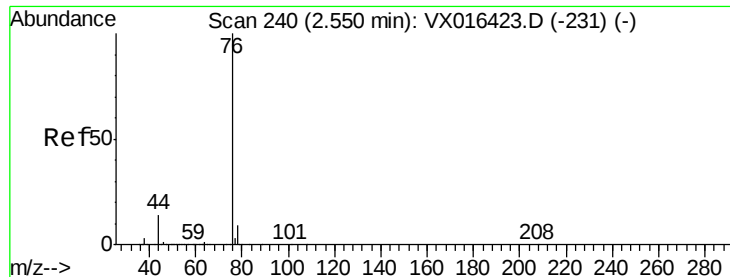
Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion:	43	Resp:	613204
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.0	39.0





#17

Carbon Disulfide

Concen: 118.954 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 705475

Ion Ratio Lower Upper

76 100

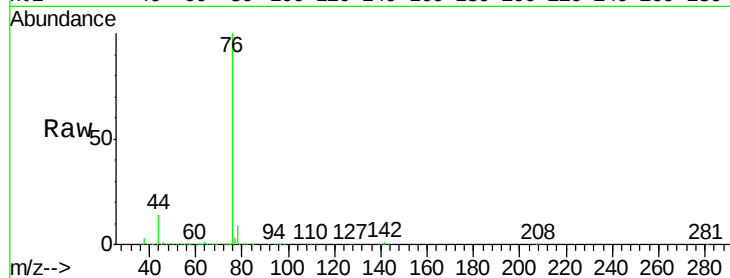
78 8.9 7.4 11.0

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

400000

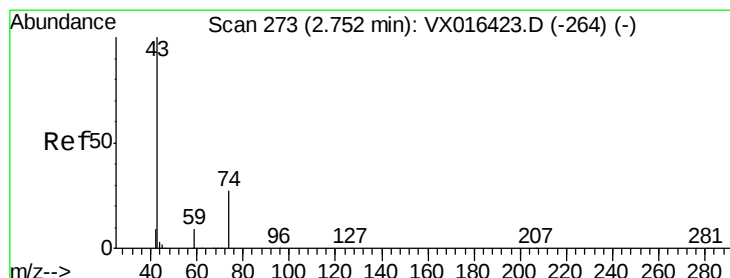
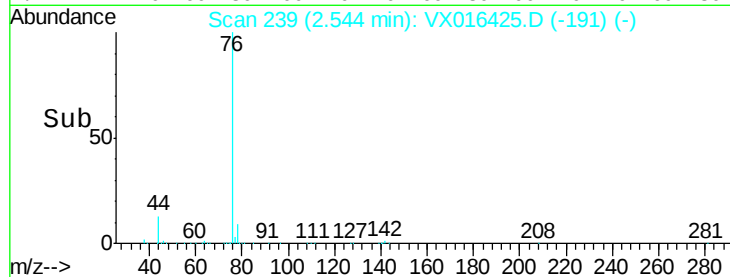
300000

200000

100000

0

Time--> 2.40 2.50 2.60 2.70



#18

Methyl Acetate

Concen: 125.778 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016425.D

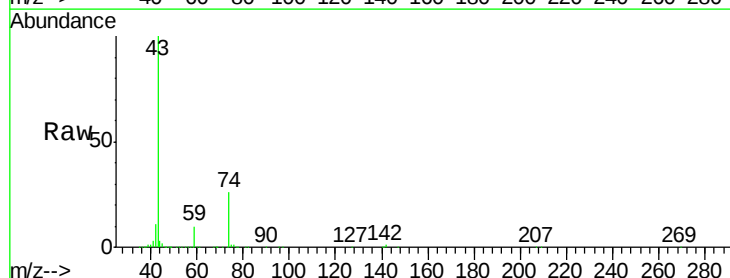
Acq: 26 May 2020 14:24

Tgt Ion: 43 Resp: 302746

Ion Ratio Lower Upper

43 100

74 26.7 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

200000

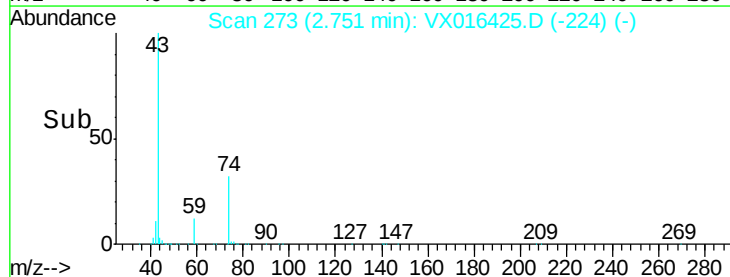
150000

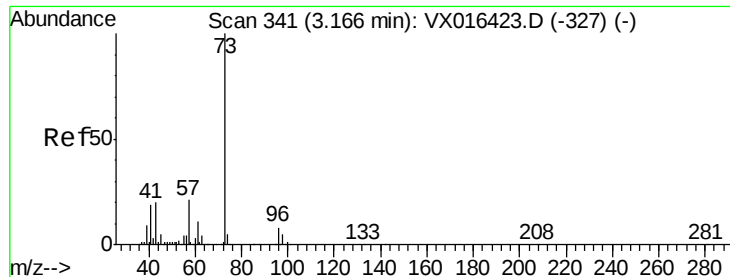
100000

50000

0

Time--> 2.60 2.70 2.80





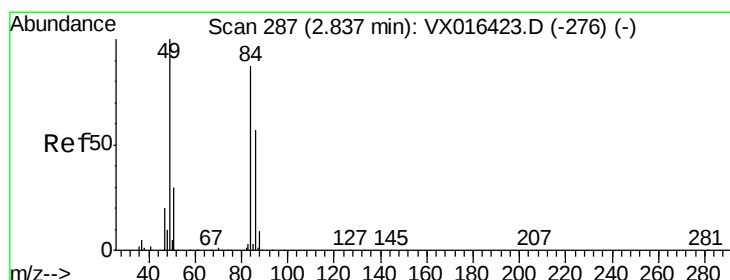
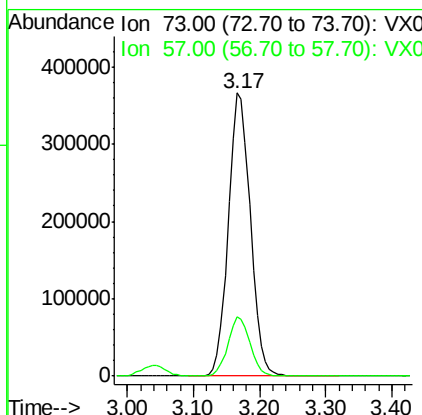
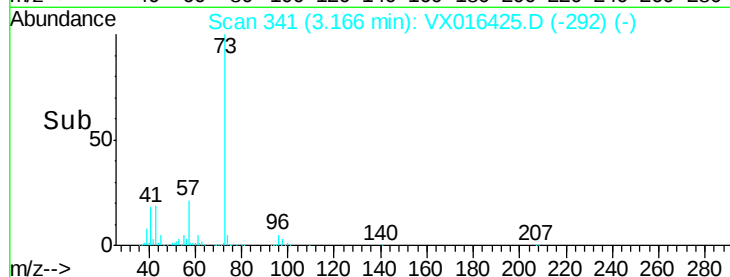
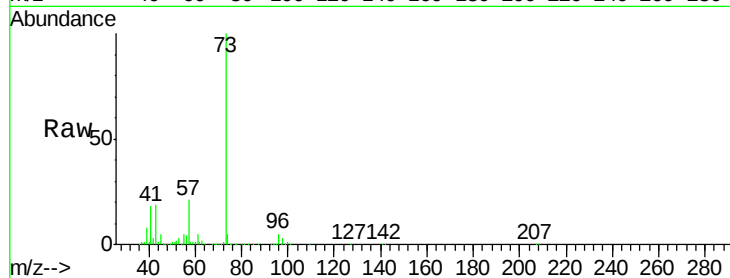
#19
Methyl tert-butyl Ether
Concen: 139.376 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.3	25.9

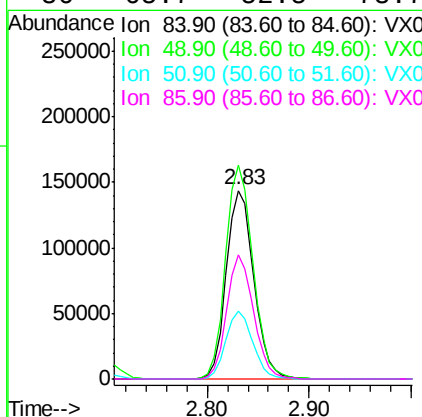
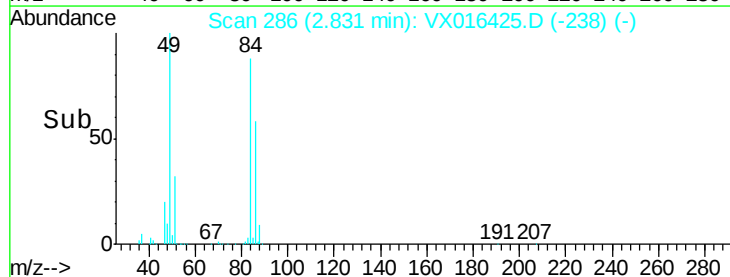
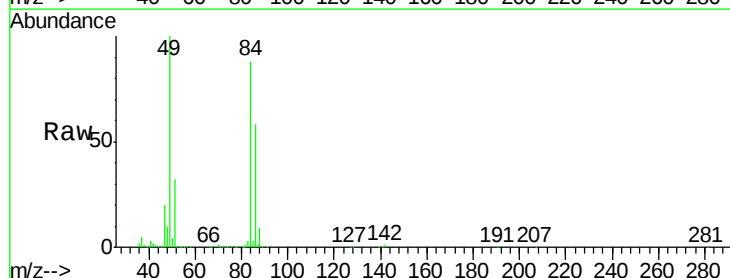
Manual Integrations
APPROVED

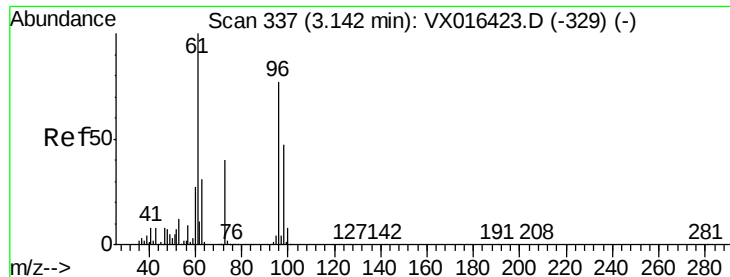
MMDadoda
5/27/2020 12:27:32 PM



#20
Methylene Chloride
Concen: 131.801 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	92.2	138.4
51	36.3	27.8	41.8
86	65.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 140.728 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

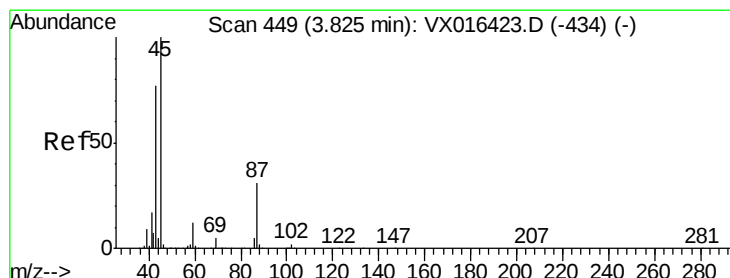
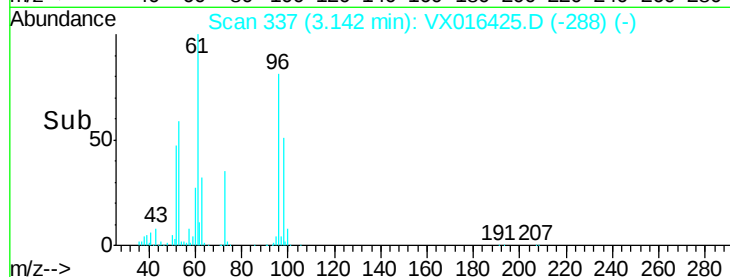
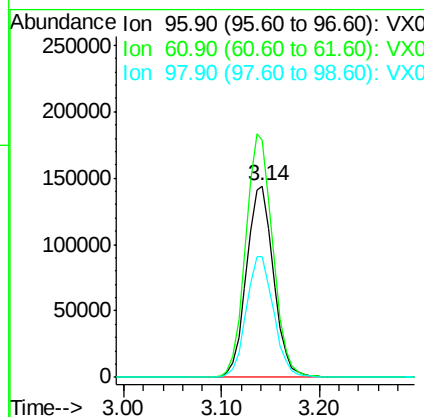
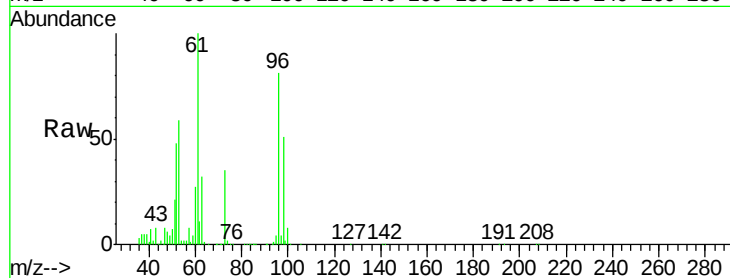
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	277514
Ion	Ratio	Lower	Upper
96	100		
61	123.8	104.3	156.5
98	62.9	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 129.724 ug/l

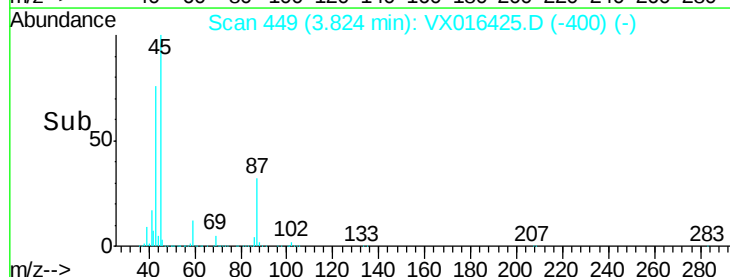
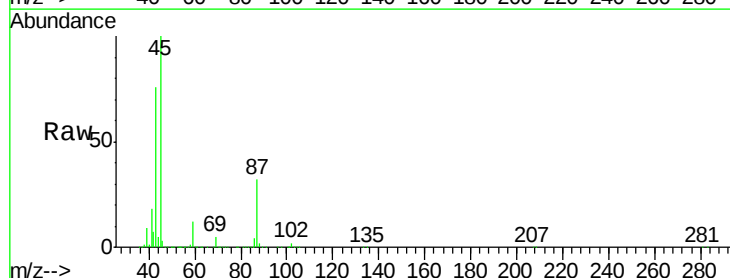
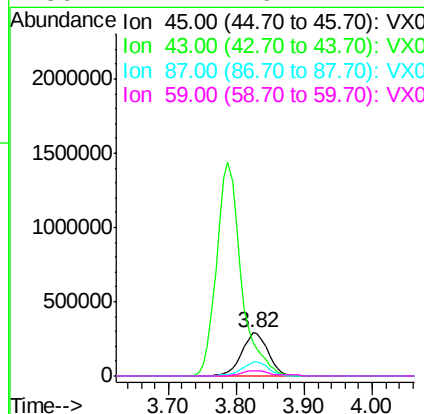
RT: 3.82 min Scan# 449

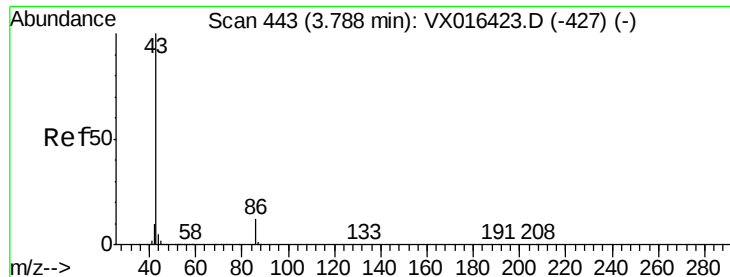
Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion:	45	Resp:	782859
Ion	Ratio	Lower	Upper
45	100		
43	76.2	61.4	92.2
87	32.1	24.4	36.6
59	12.4	9.4	14.2





#23

Vinyl Acetate

Concen: 681.187 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3609998

Ion Ratio Lower Upper

43 100

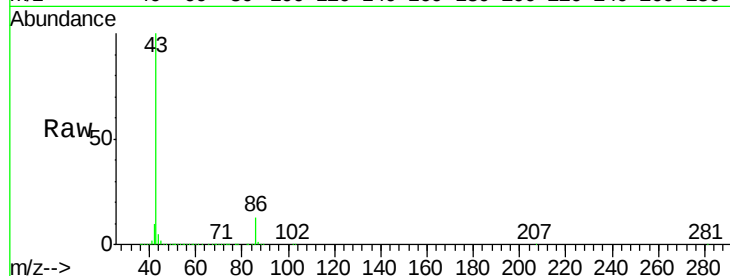
86 12.6 9.8 14.8

Manual Integrations

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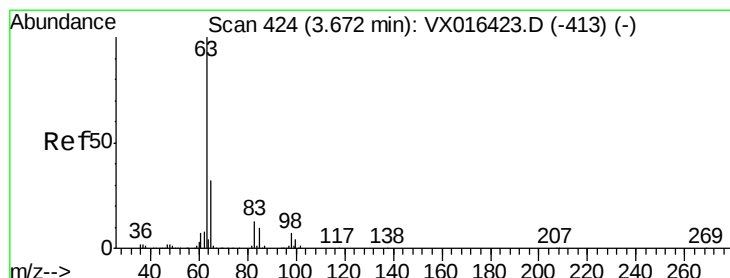
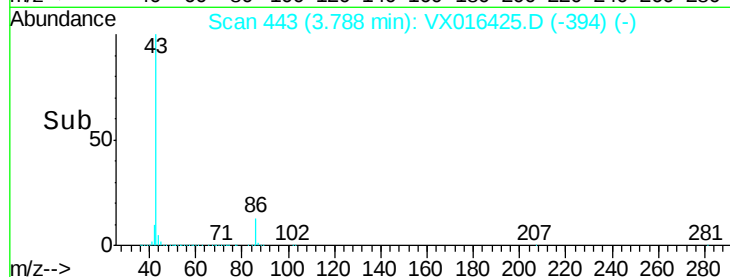
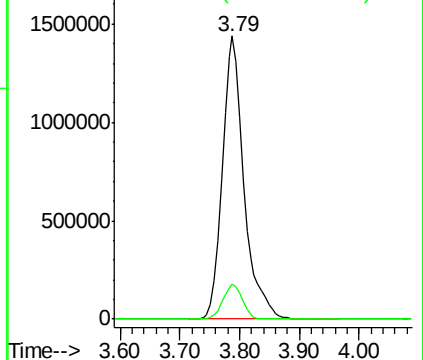
MMDadoda

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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: 135.057 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

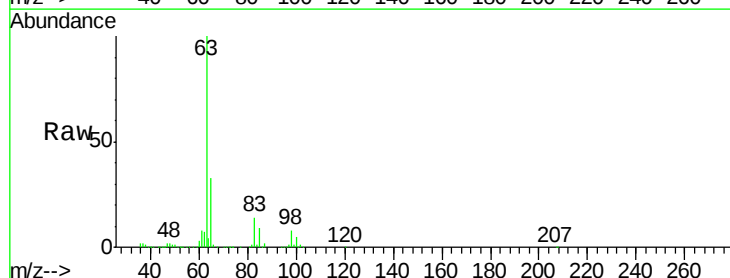
Tgt Ion: 63 Resp: 458966

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

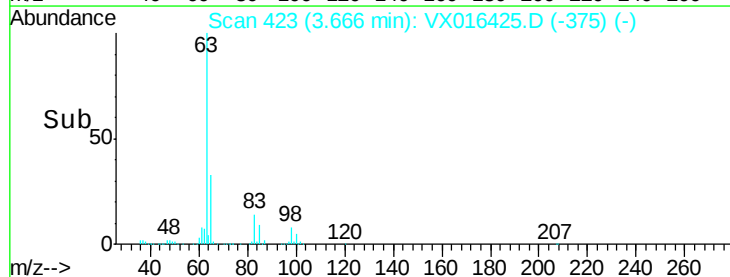
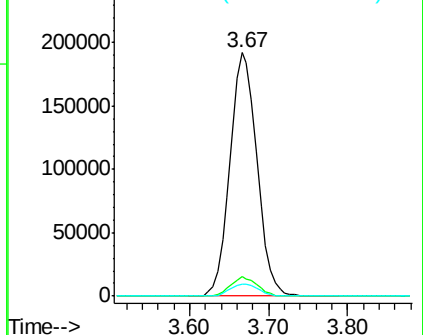
100 4.8 2.1 6.5

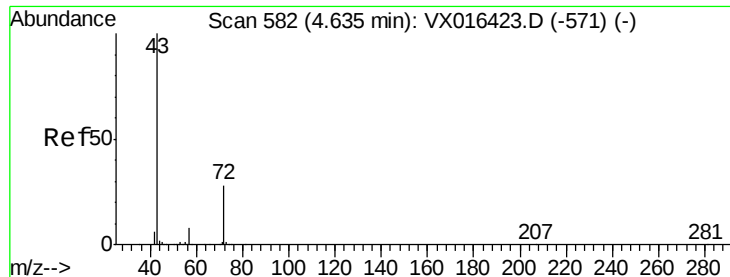


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 648.897 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1025520

Ion Ratio Lower Upper

43 100

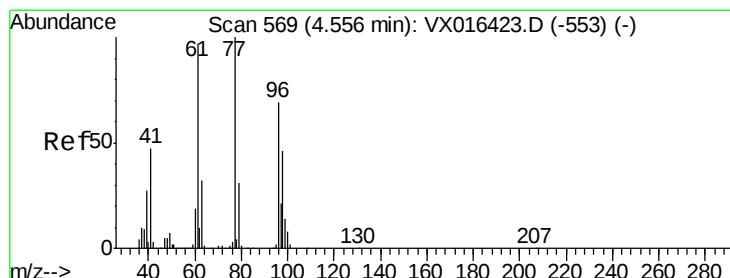
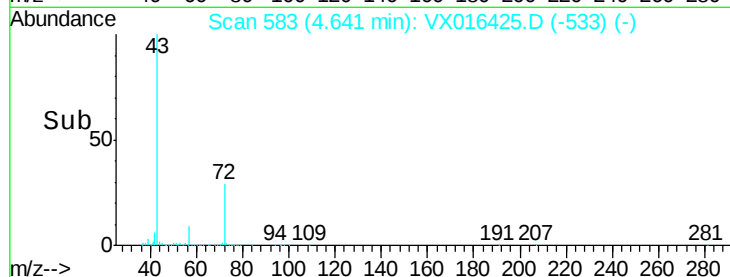
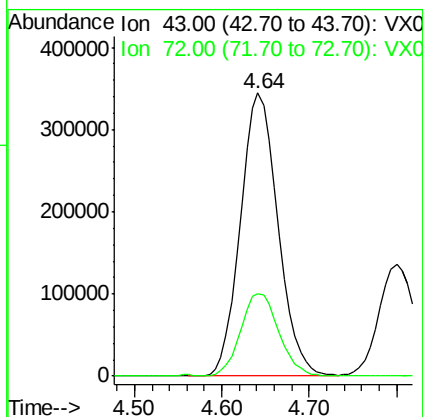
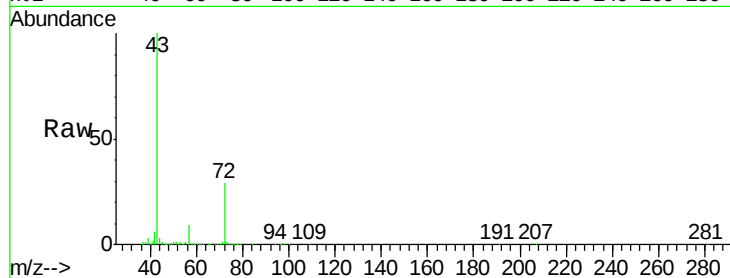
72 29.2 22.7 34.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 133.144 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX016425.D

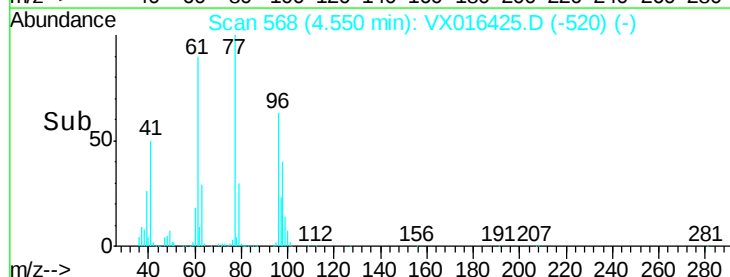
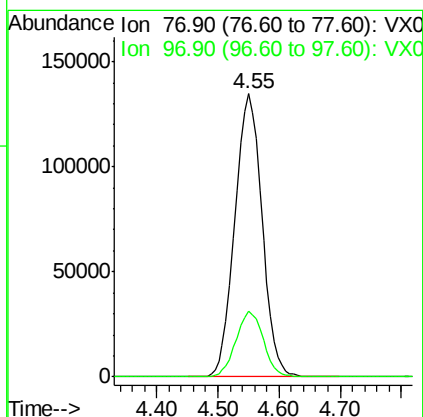
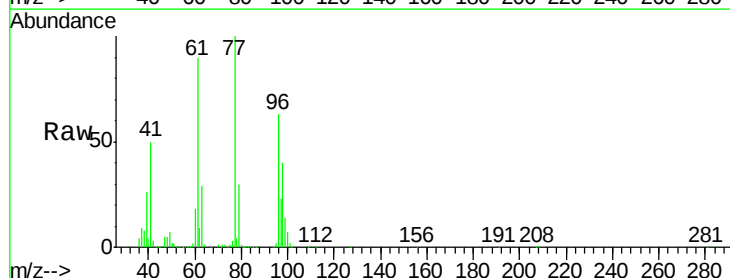
Acq: 26 May 2020 14:24

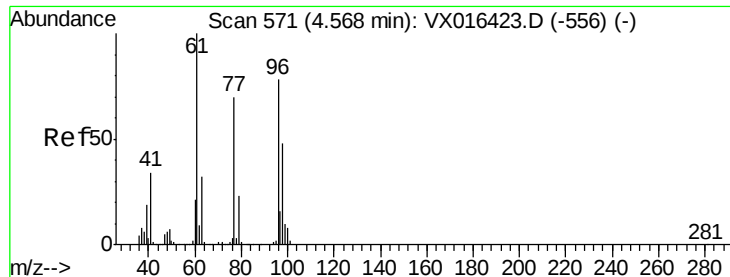
Tgt Ion: 77 Resp: 414230

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5





#27

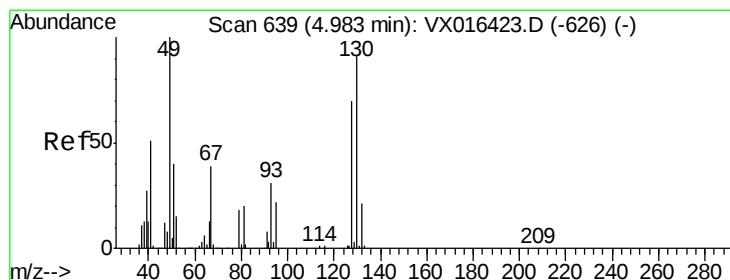
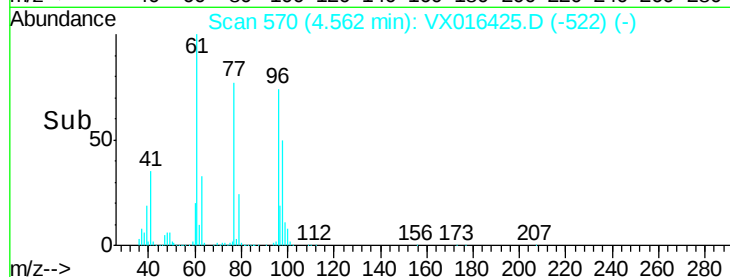
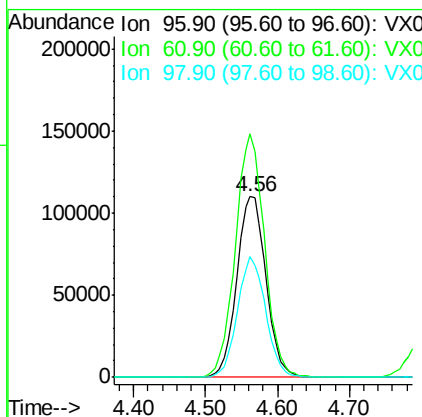
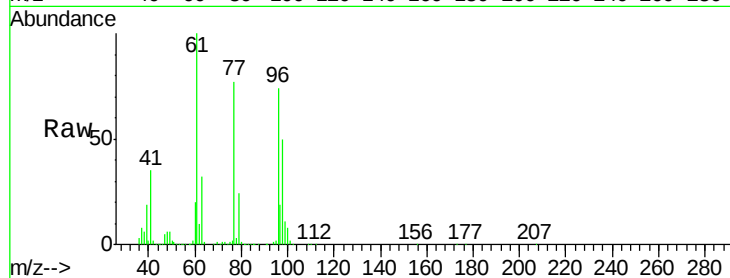
cis-1,2-Dichloroethene
Concen: 143.116 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	309661		
61	134.9	0.0	271.0	
98	64.5	0.0	127.6	

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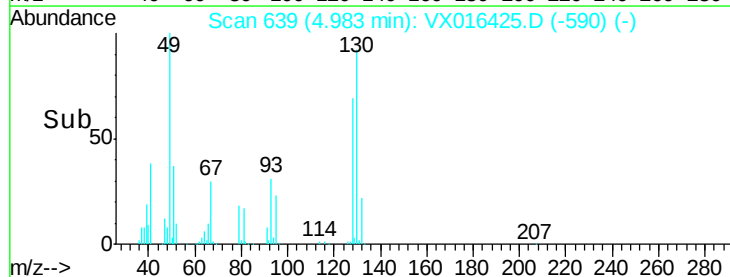
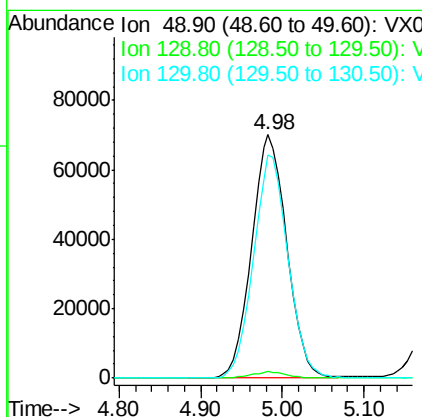
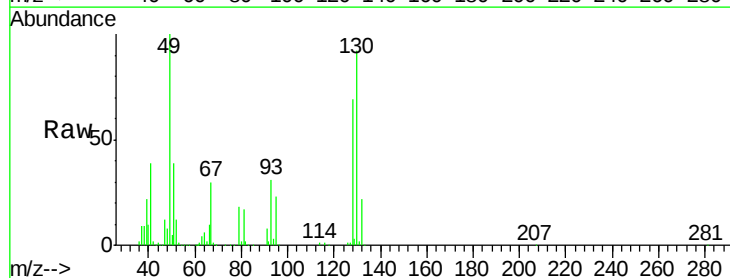
MMDadoda
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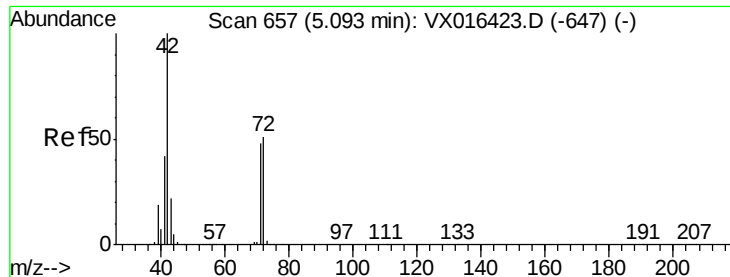


#28

Bromochloromethane
Concen: 134.965 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	210080		
129	2.5	0.0	4.8	
130	90.3	71.2	106.8	





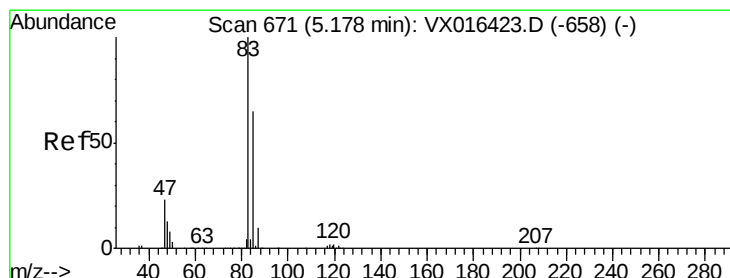
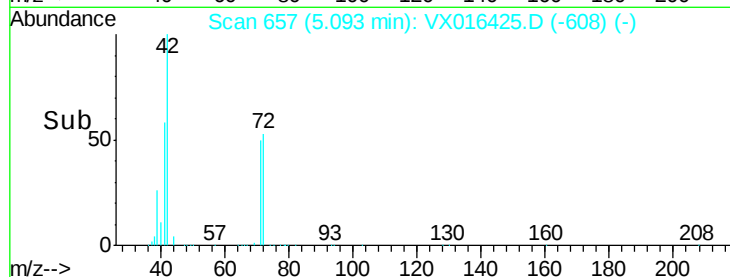
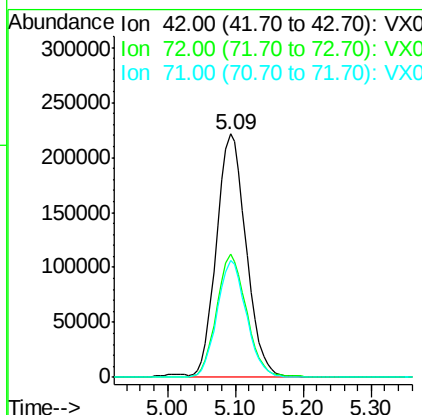
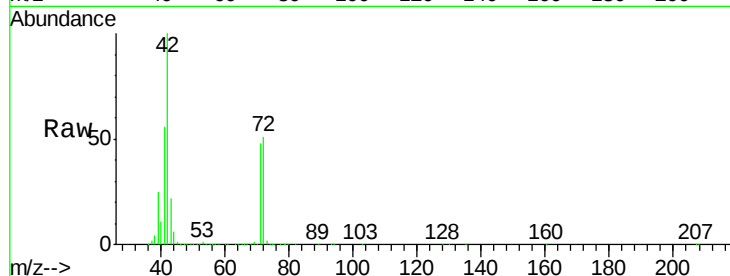
#29
Tetrahydrofuran
Concen: 641.091 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	40.2	60.4
71	47.3	37.7	56.5

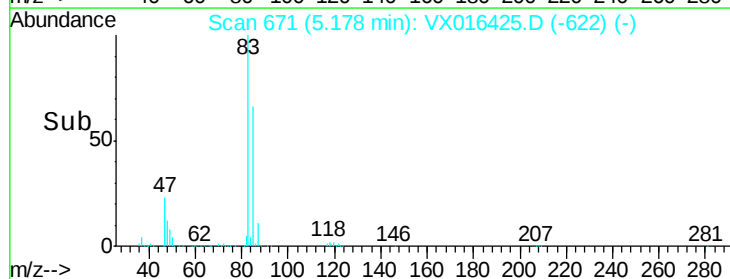
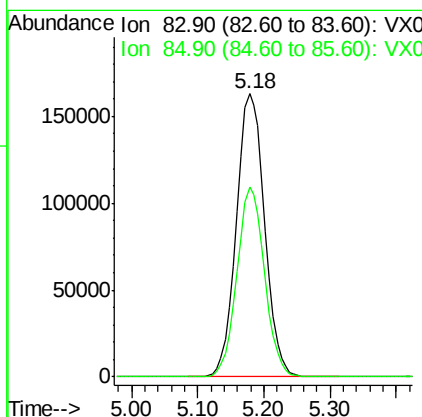
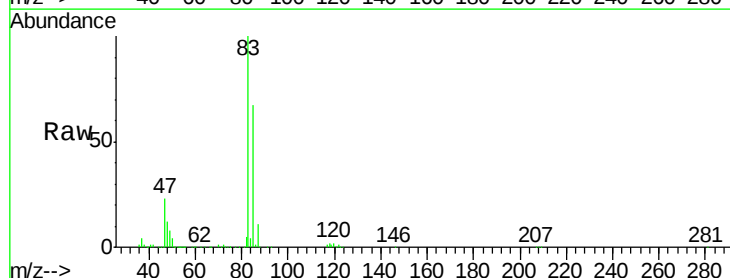
Manual Integrations
APPROVED

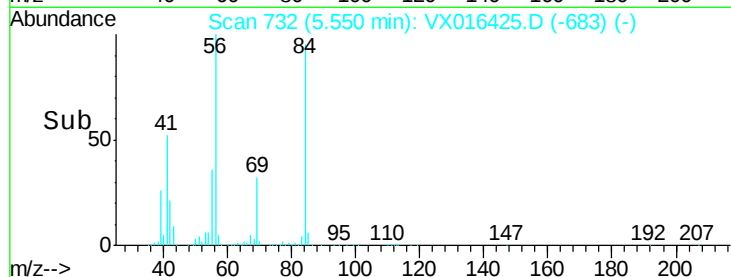
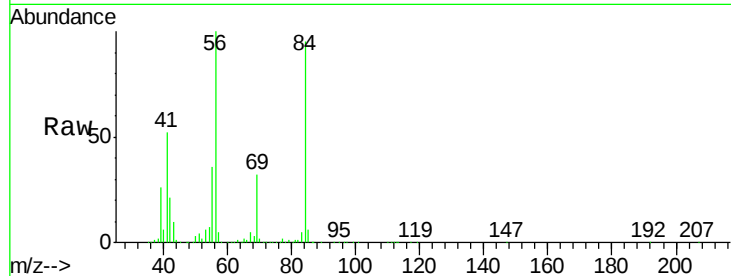
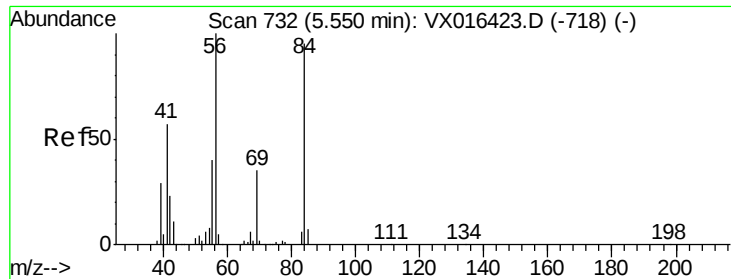
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#30
Chloroform
Concen: 141.305 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.1	78.1





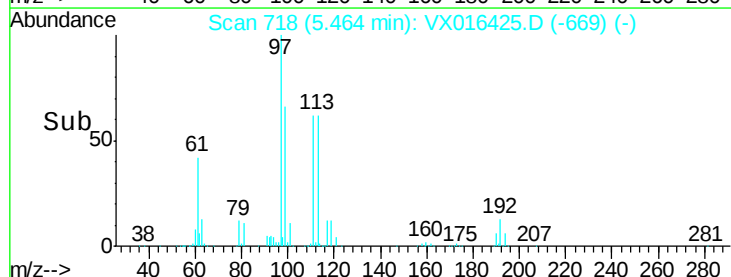
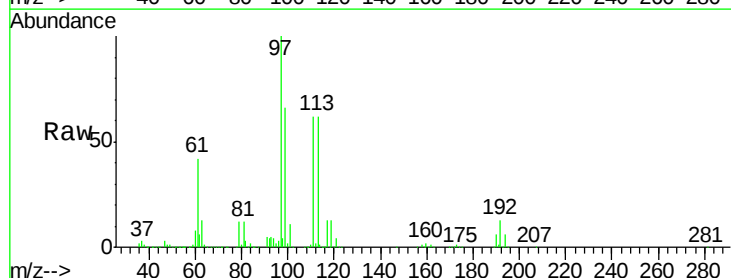
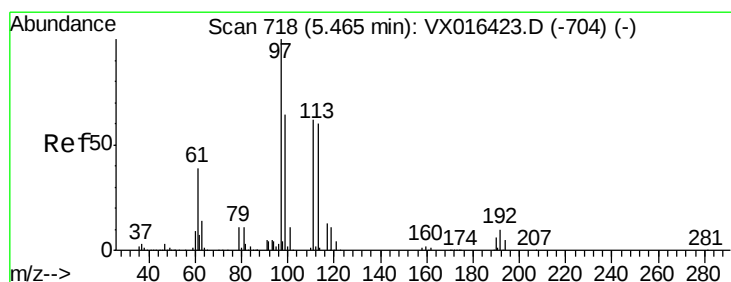
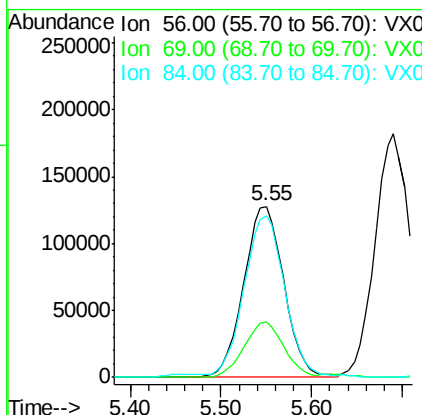
#31
Cyclohexane
Concen: 129.018 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	27.7	41.5
84	93.4	76.1	114.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

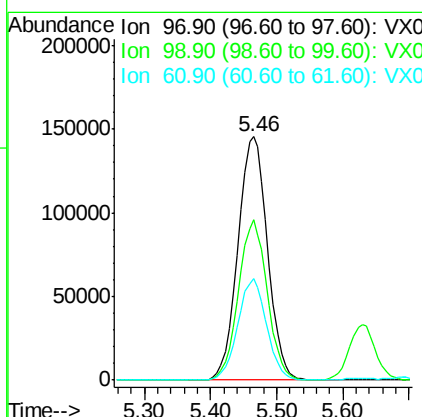
Manual Integrations
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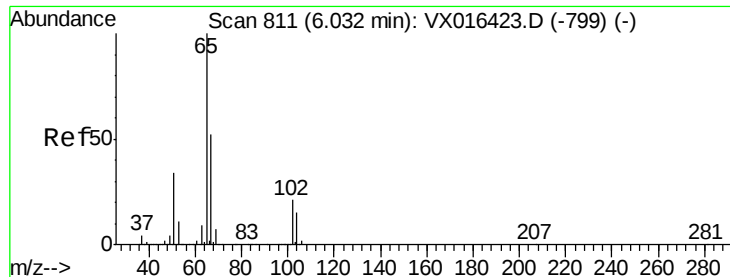
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 144.733 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	40.5	33.1	49.7





#33

1,2-Dichloroethane-d4

Concen: 135.229 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 305435

Ion Ratio Lower Upper

65 100

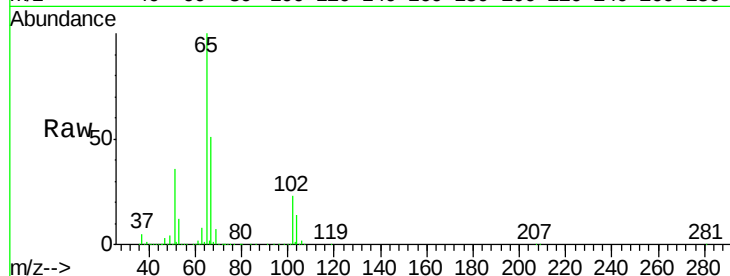
67 51.7 0.0 104.2

Manual Integrations

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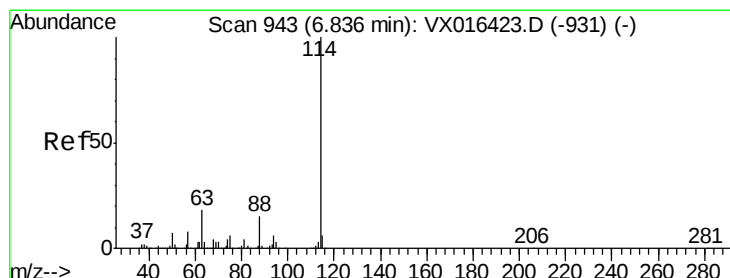
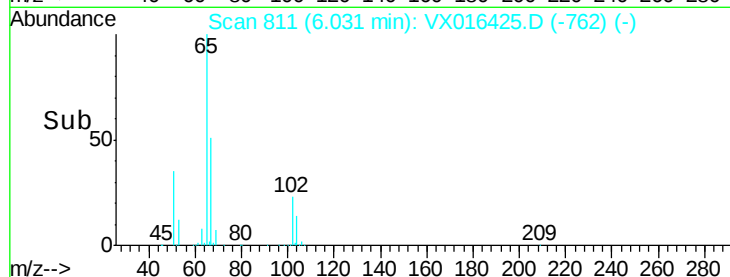
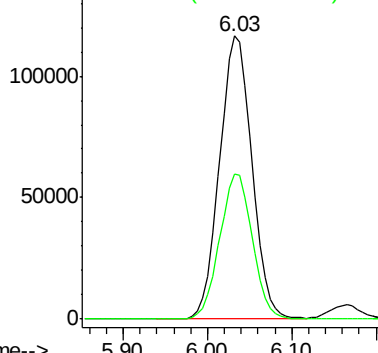
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

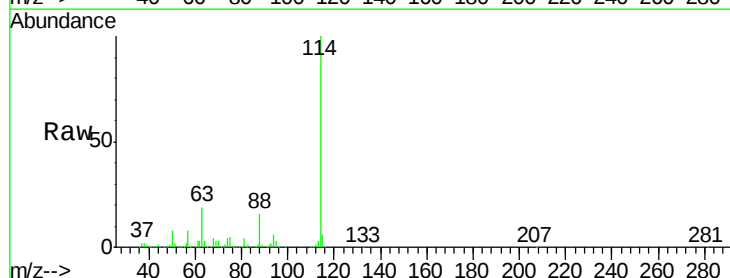
Tgt Ion: 114 Resp: 270005

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

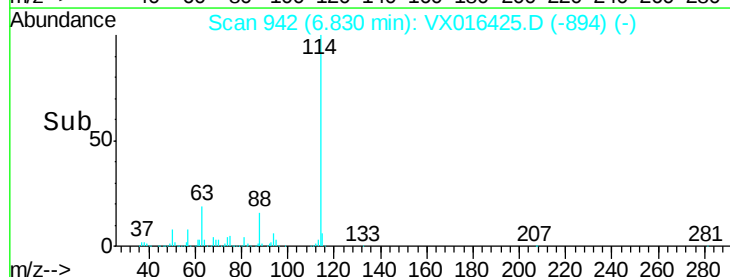
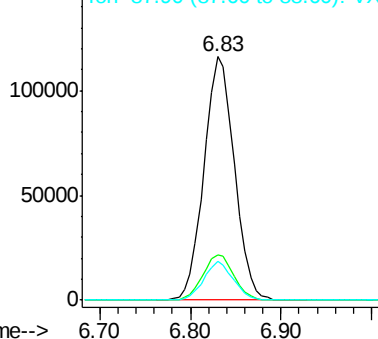
88 15.7 0.0 29.2

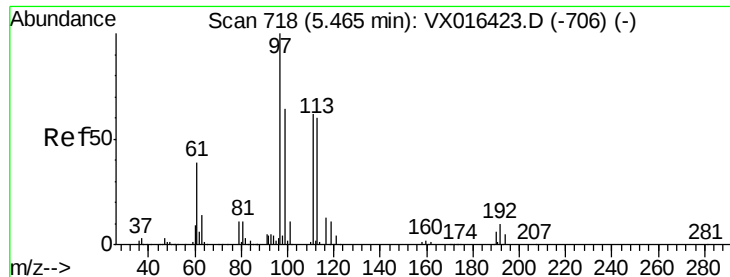


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 152.061 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

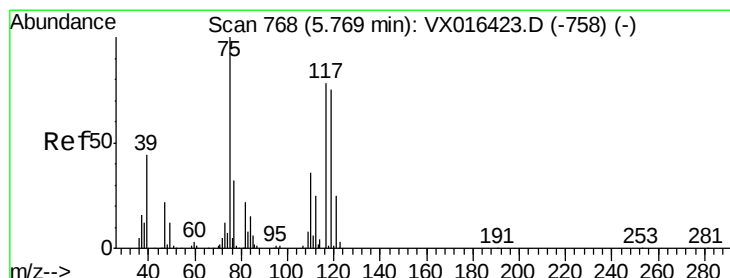
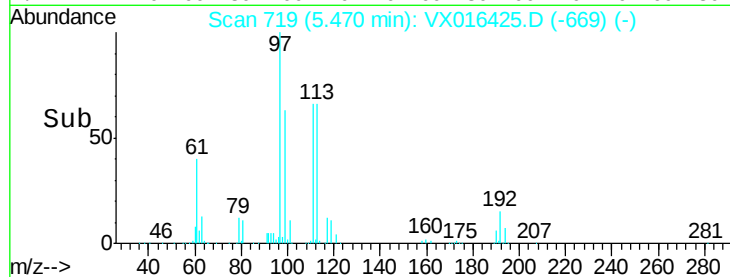
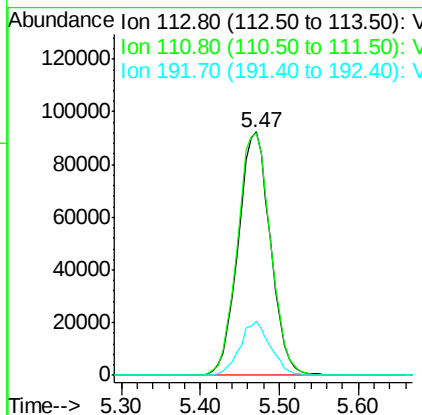
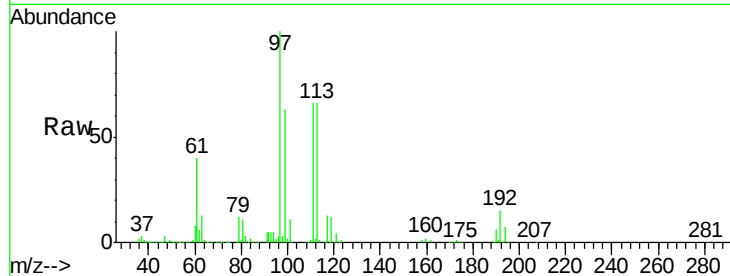
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	263268		
111	102.3	82.5	123.7	
192	21.0	16.5	24.7	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 137.045 ug/l

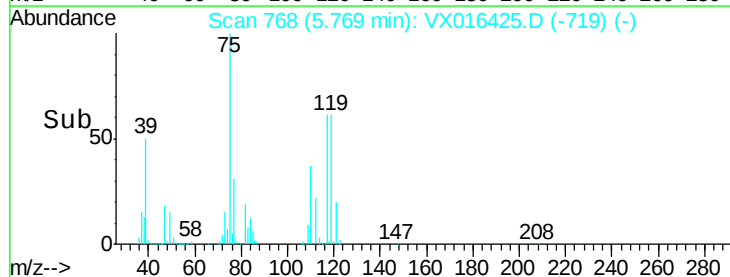
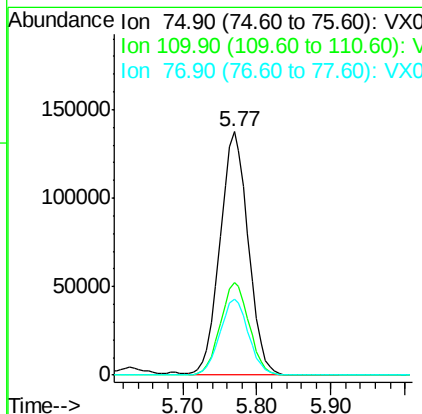
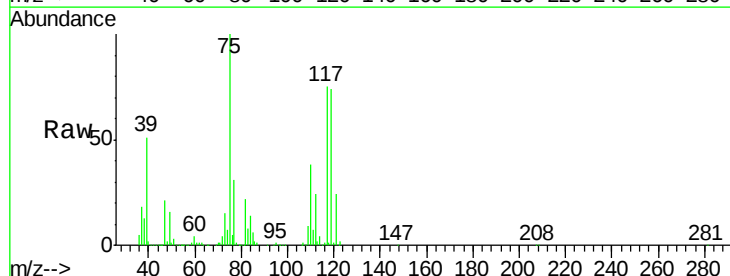
RT: 5.77 min Scan# 768

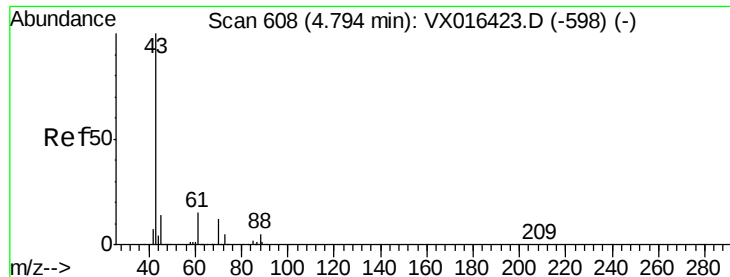
Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	361982		
110	38.7	18.7	56.1	
77	31.4	24.9	37.3	





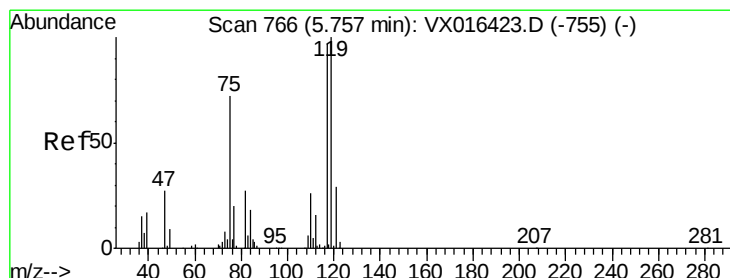
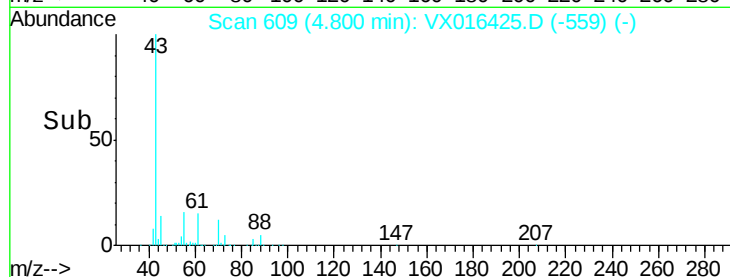
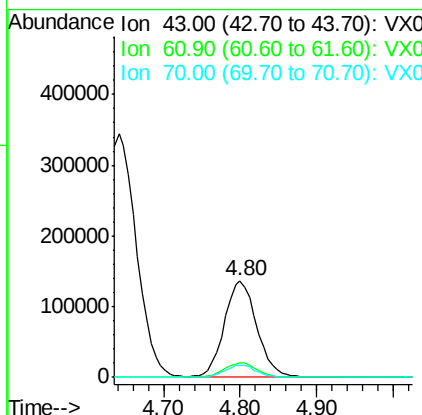
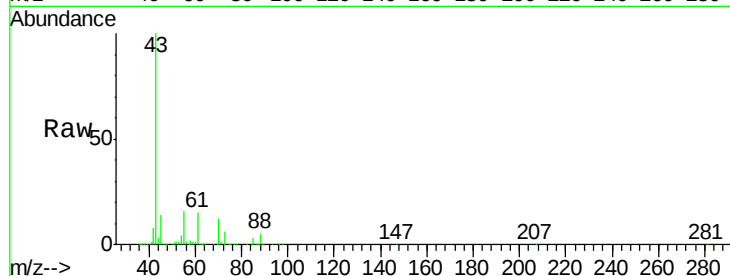
#37
Ethyl Acetate
Concen: 132.330 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.8	17.8
70	12.1	9.6	14.4

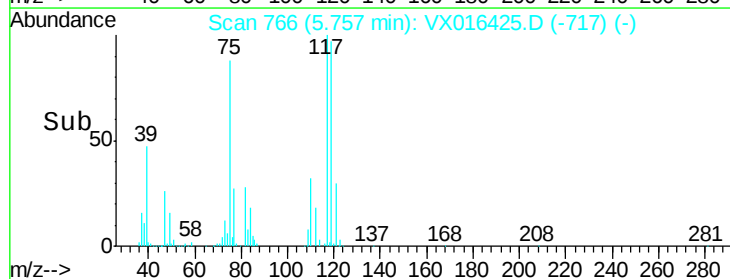
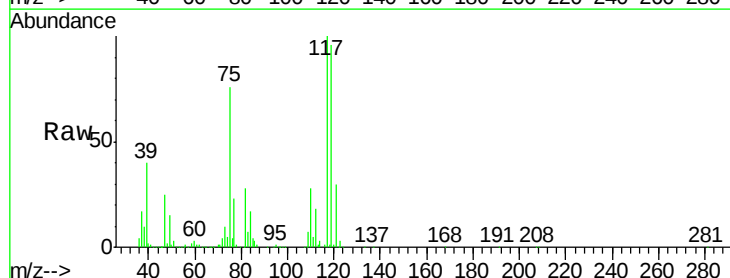
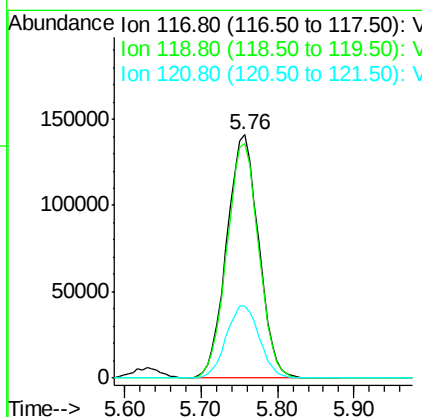
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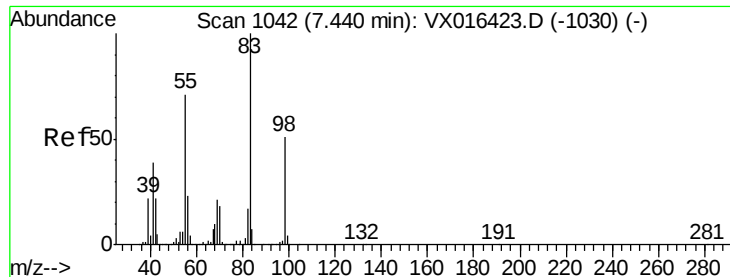
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#38
Carbon Tetrachloride
Concen: 151.355 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	82.2	123.4
121	29.5	24.1	36.1





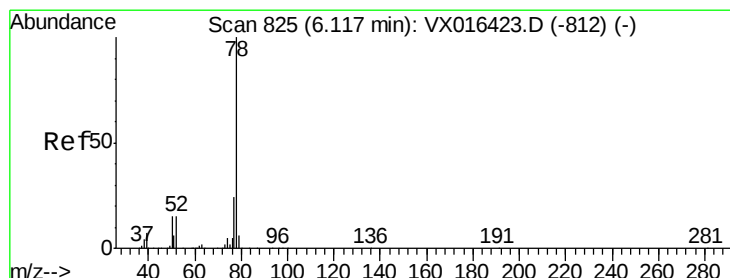
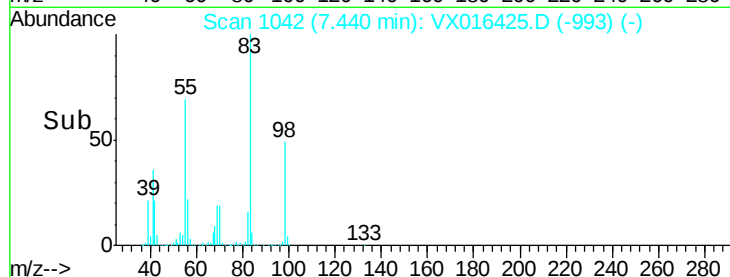
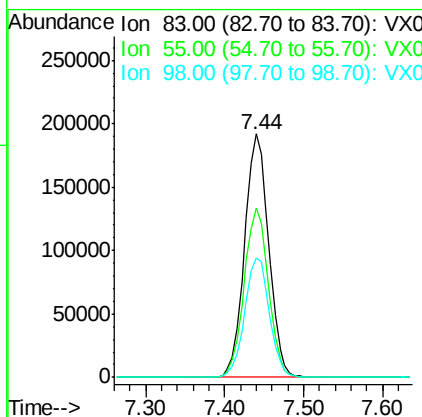
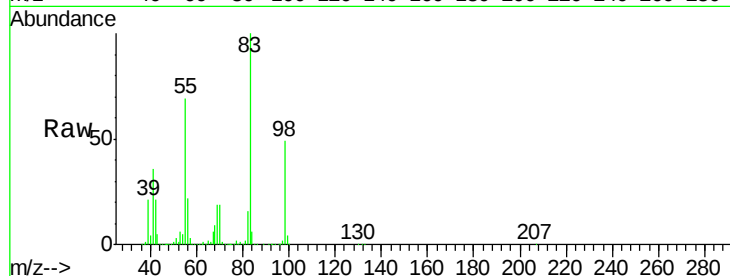
#39
Methvlcvclohexane
Concen: 130.552 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.3	56.8	85.2
98	48.9	40.6	61.0

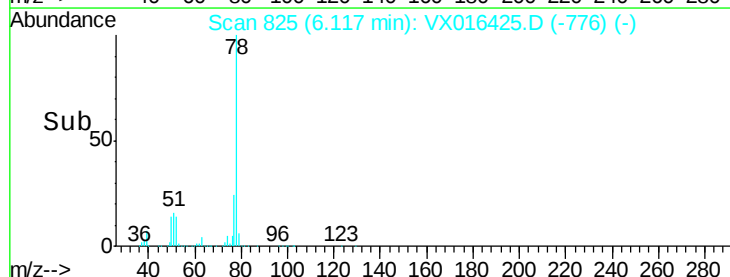
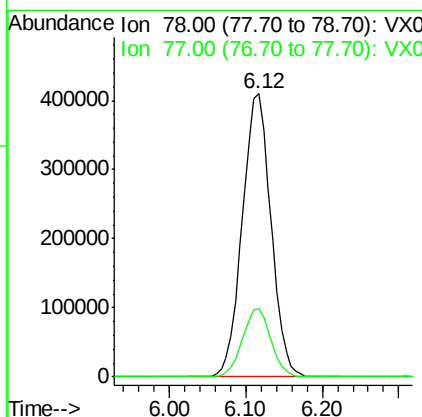
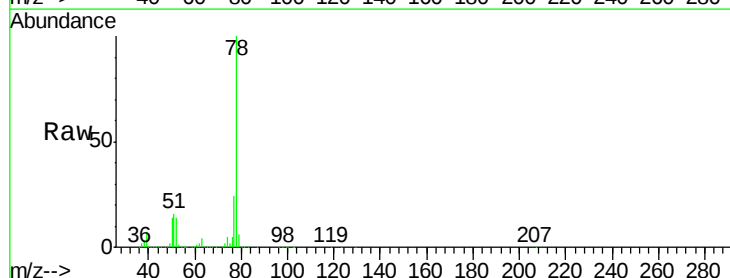
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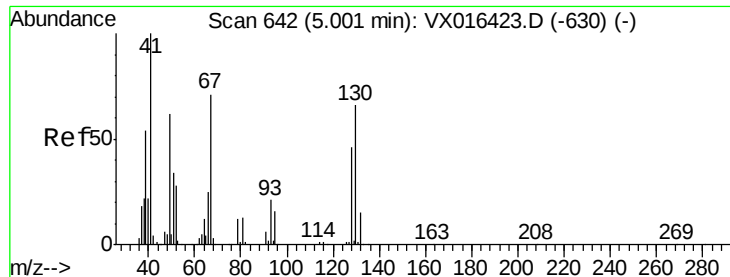
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#40
Benzene
Concen: 138.135 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





#41

Methacrylonitrile

Concen: 130.311 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 211887
Ion Ratio Lower Upper

41 100

39 54.2 44.4 66.6

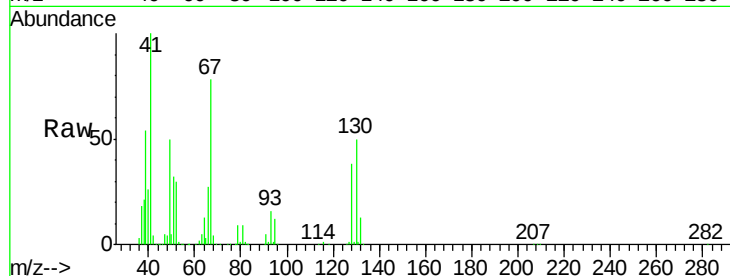
67 80.2 62.2 93.4

52 31.2 25.2 37.8

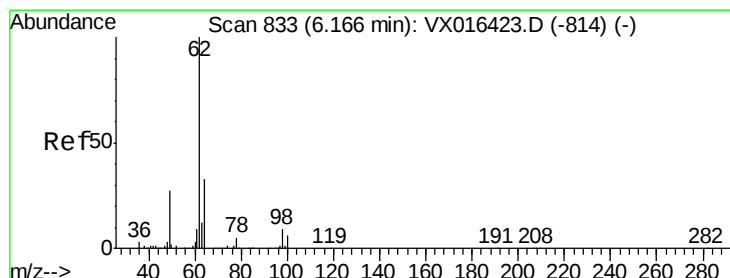
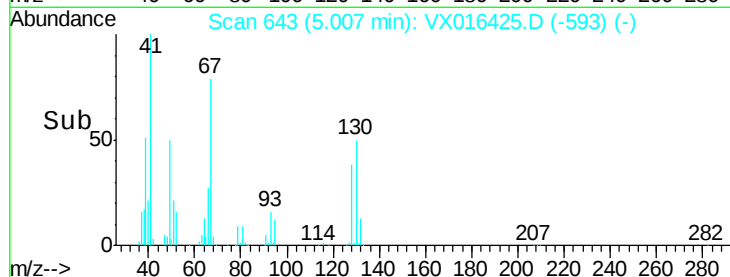
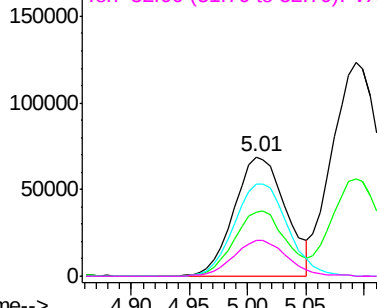
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 136.206 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

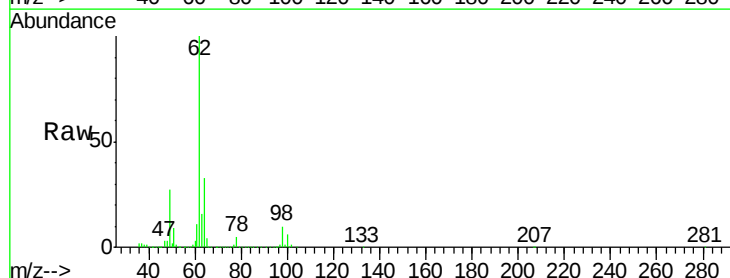
Lab File: VX016425.D

Acq: 26 May 2020 14:24

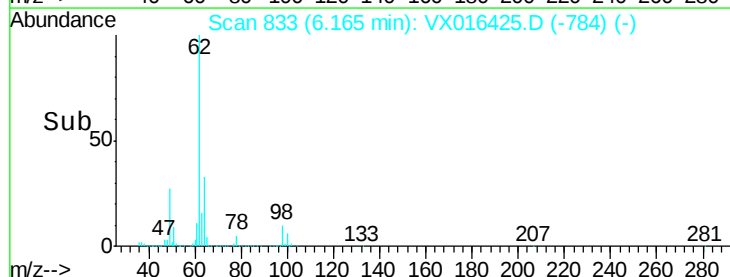
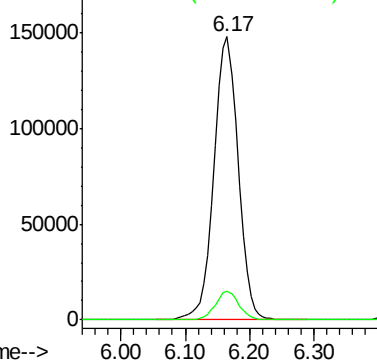
Tgt Ion: 62 Resp: 379245
Ion Ratio Lower Upper

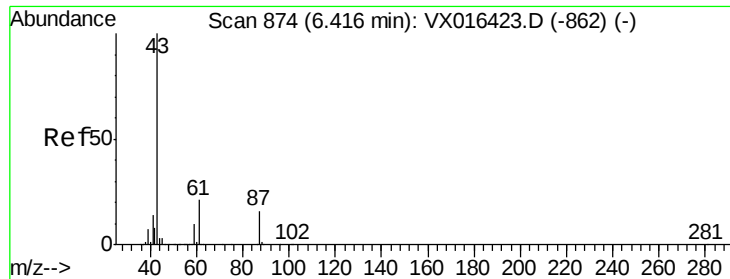
62 100

98 9.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

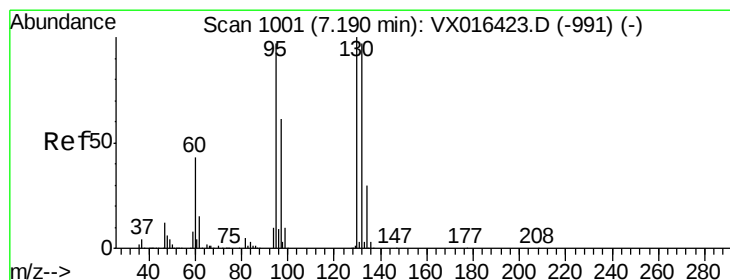
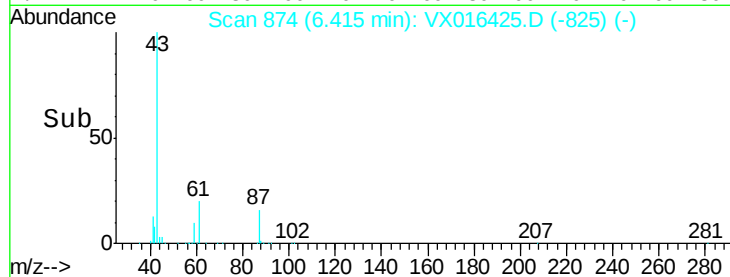
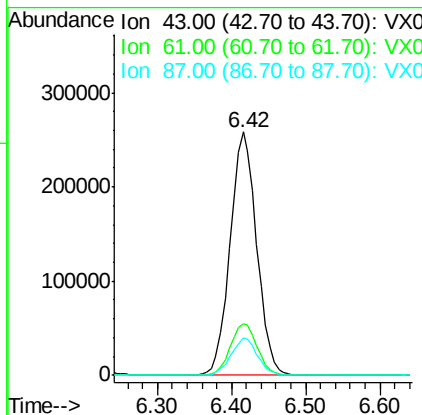
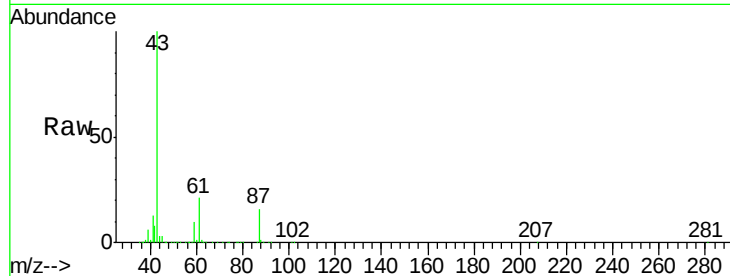
Isopropyl Acetate
 Concen: 132.958 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.2	25.8
87	15.6	12.3	18.5

Manual Integrations
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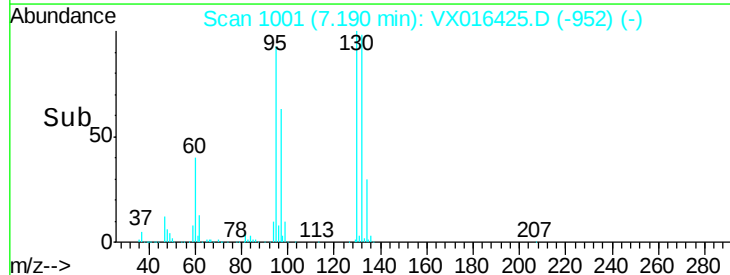
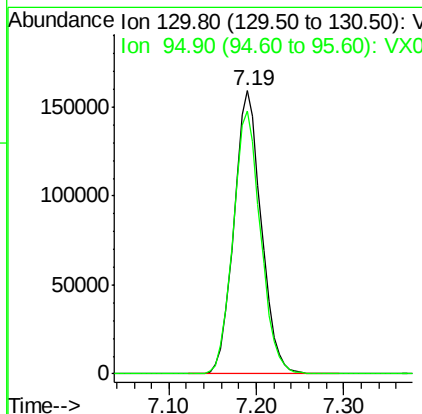
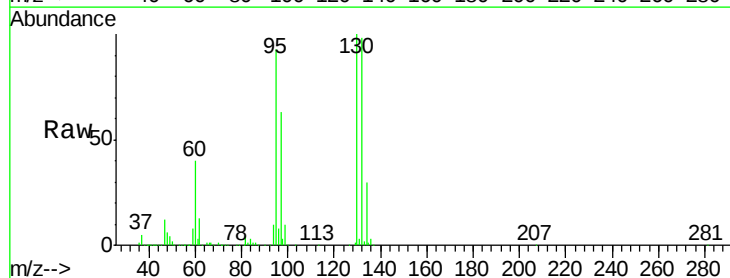
MMDadoda
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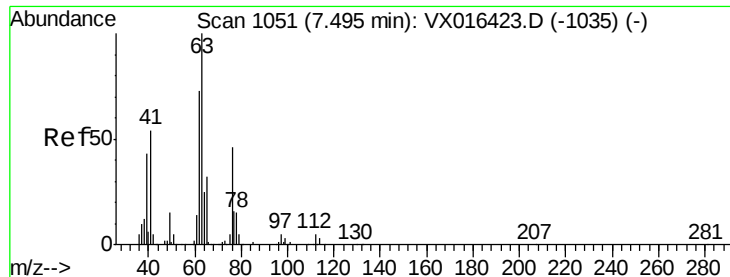


#44

Trichloroethene
 Concen: 126.289 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	194.0





#45

1,2-Dichloropropane

Concen: 135.923 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampled :

VSTDICC150

Tot Ion: 63 Resp: 264268

Ion Ratio Lower Upper

63 100

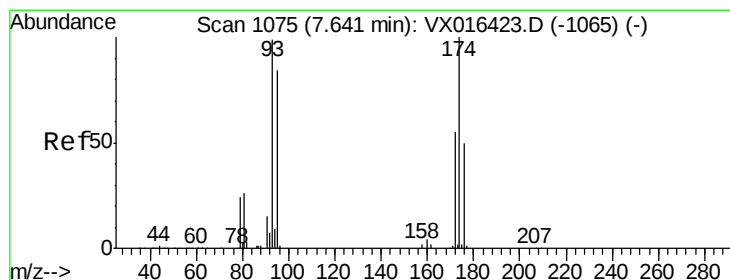
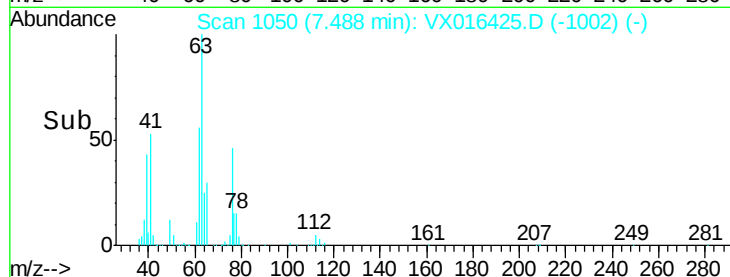
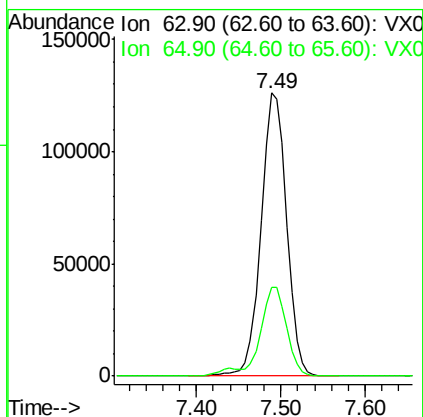
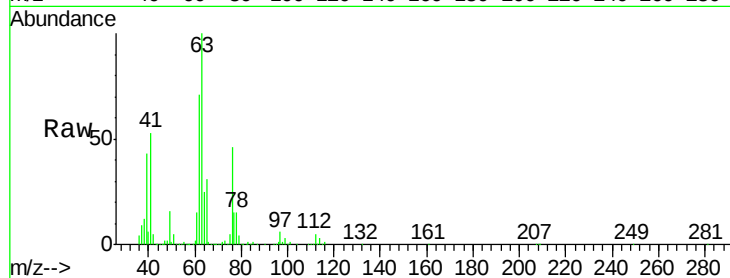
65 31.2 25.3 37.9

Manual Integrations

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#46

Dibromomethane

Concen: 146.030 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

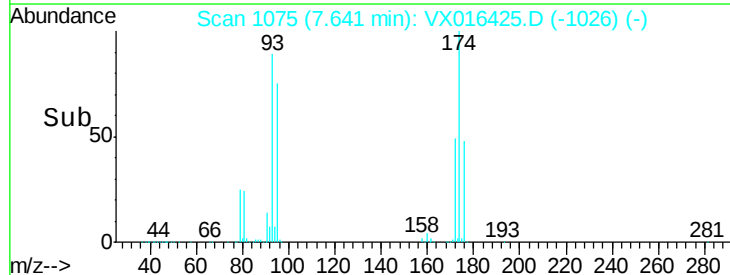
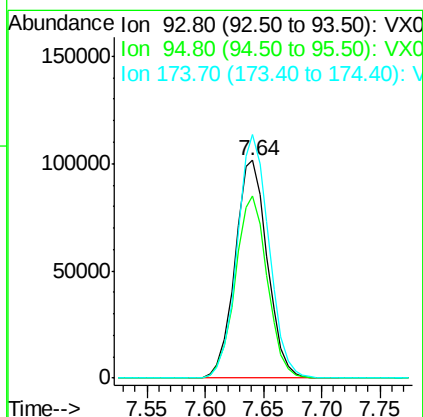
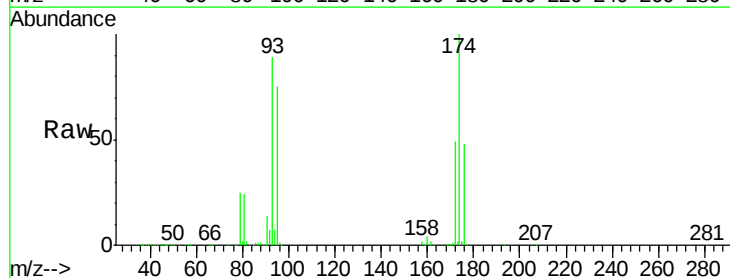
Tgt Ion: 93 Resp: 196269

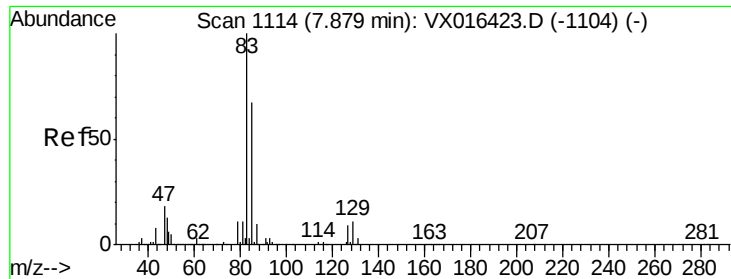
Ion Ratio Lower Upper

93 100

95 82.8 65.0 97.4

174 110.1 81.4 122.0





#47

Bromodichloromethane

Concen: 148.144 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

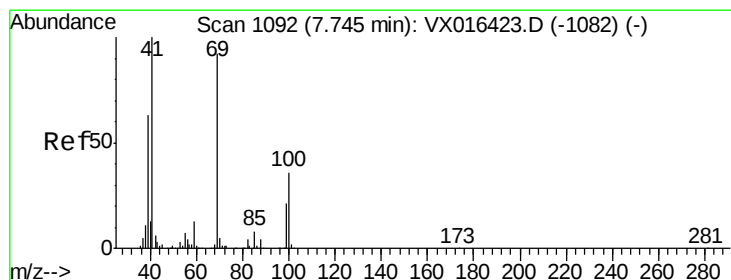
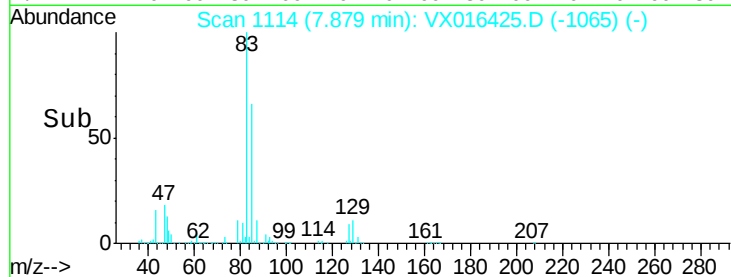
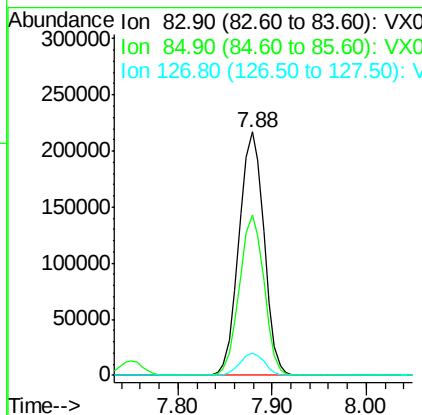
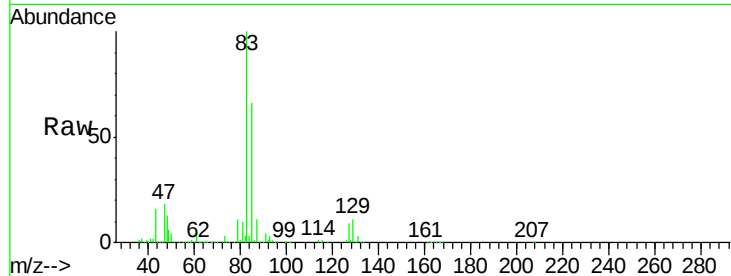
ClientSampleId :

VSTDICC150

Tot Ion:	83	Resp:	402126
Ion	Ratio	Lower	Upper
83	100		
85	65.9	53.8	80.8
127	9.0	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 132.790 ug/l

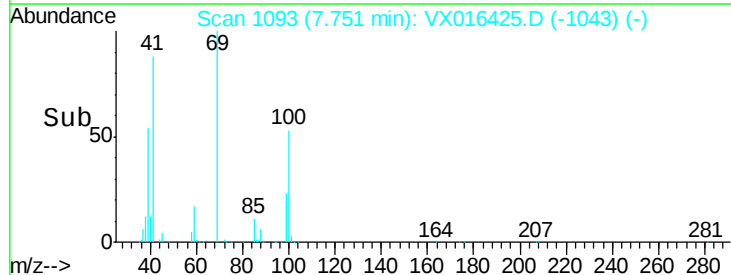
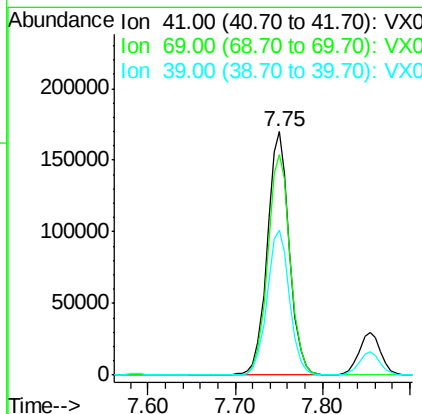
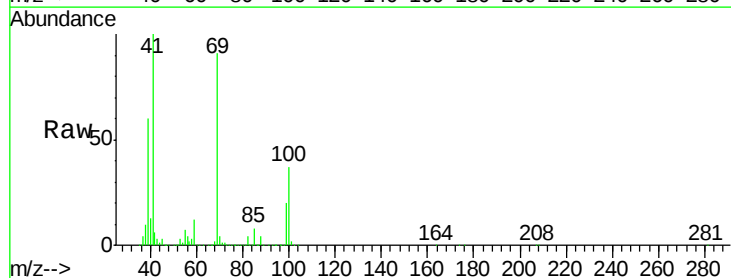
RT: 7.75 min Scan# 1093

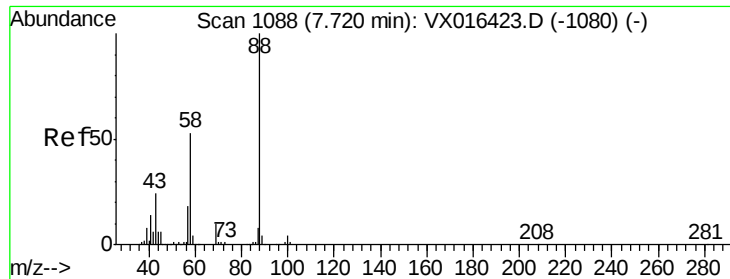
Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion:	41	Resp:	301660
Ion	Ratio	Lower	Upper
41	100		
69	91.8	71.8	107.8
39	60.4	48.6	73.0





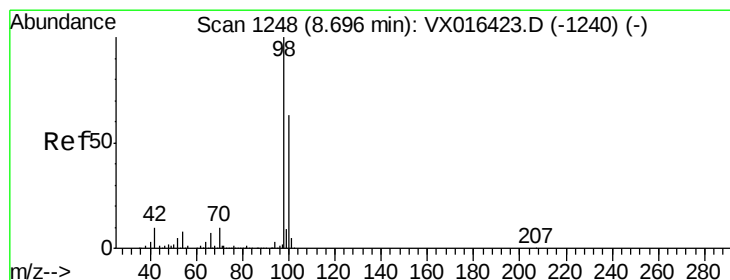
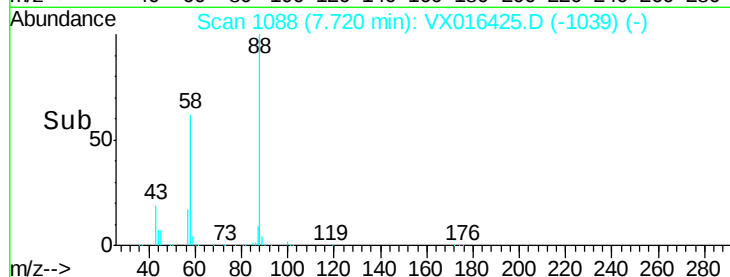
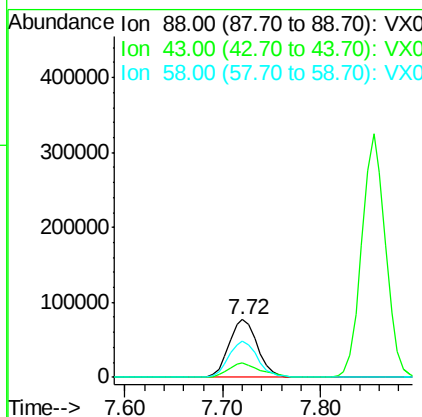
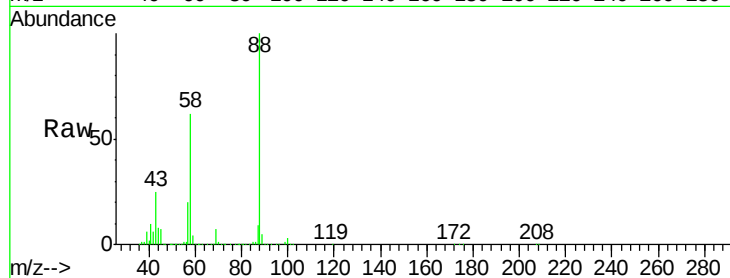
#49
1,4-Dioxane
Concen: 2807.289 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.1	23.0	34.6
58	63.2	51.7	77.5

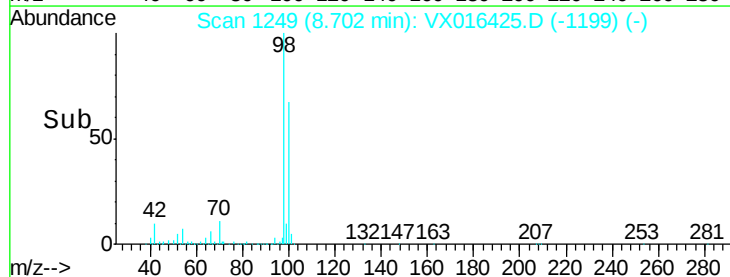
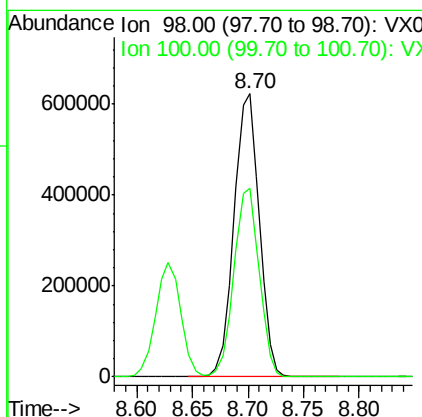
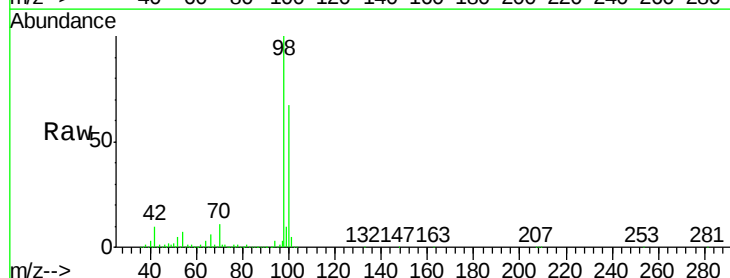
Manual Integrations
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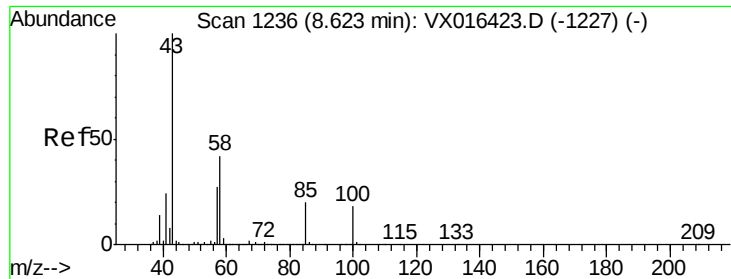
MMDadoda
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#50
Toluene-d8
Concen: 146.872 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.6	78.8





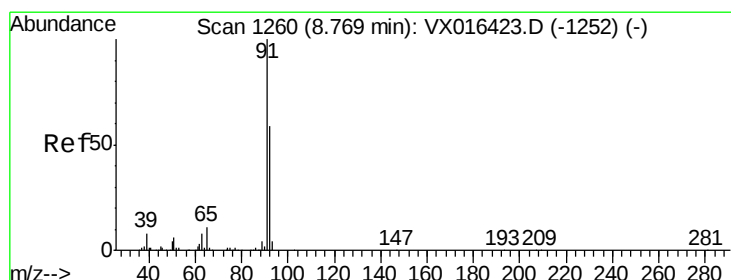
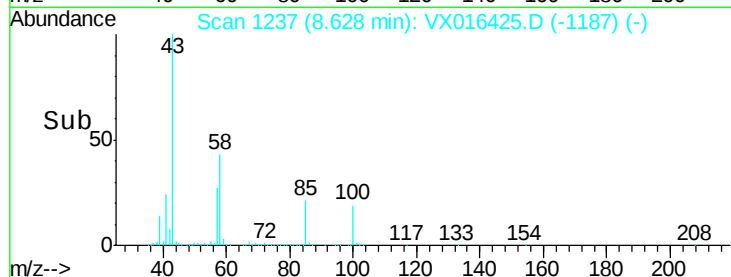
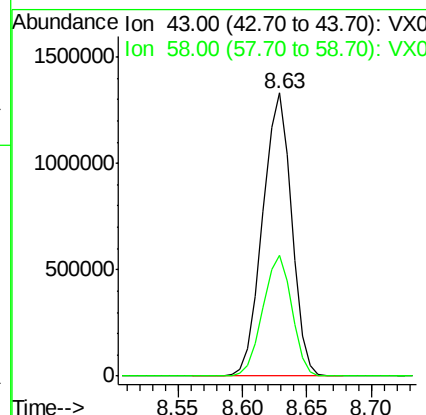
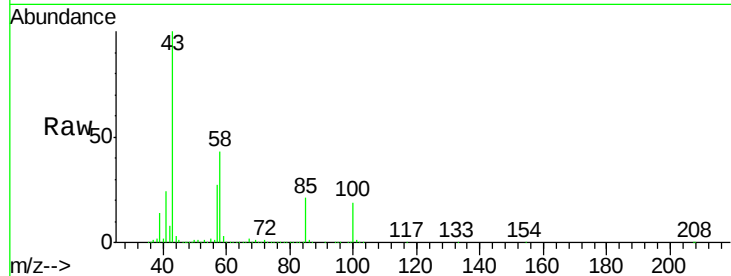
#51
4-Methyl-2-Pentanone
Concen: 699.601 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2066442
Ion Ratio Lower Upper
43 100
58 42.8 33.8 50.6

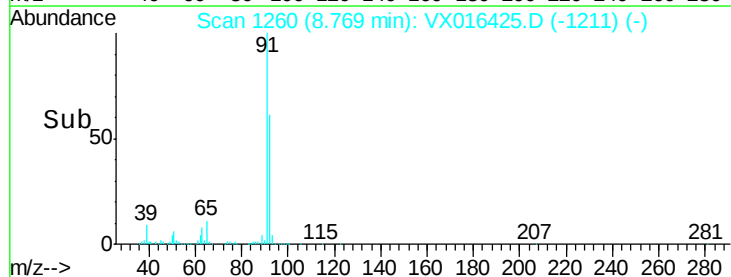
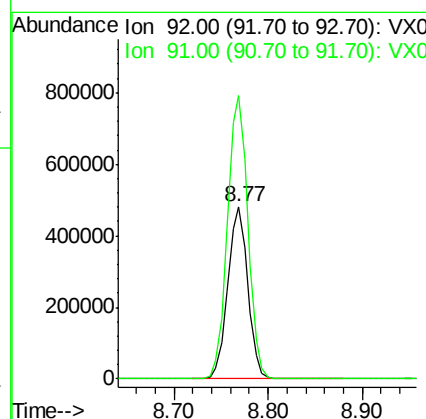
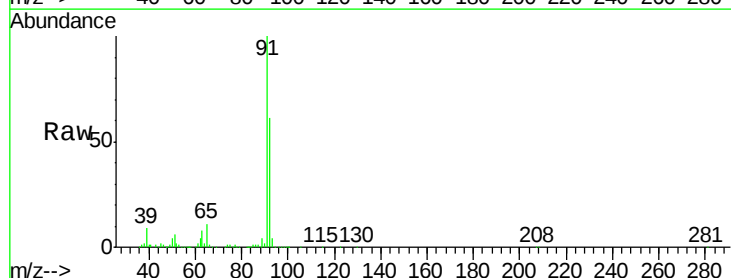
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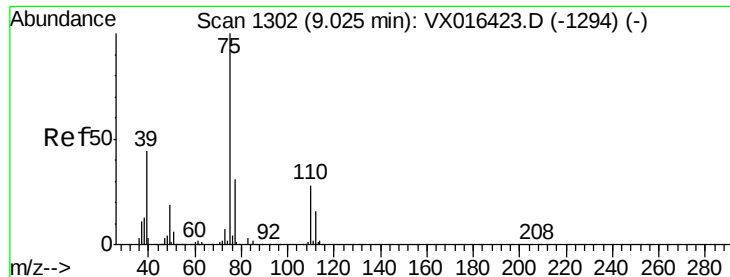
MMDadoda
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#52
Toluene
Concen: 145.102 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 92 Resp: 703055
Ion Ratio Lower Upper
92 100
91 168.7 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 142.714 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 460432

Ion Ratio Lower Upper

75 100

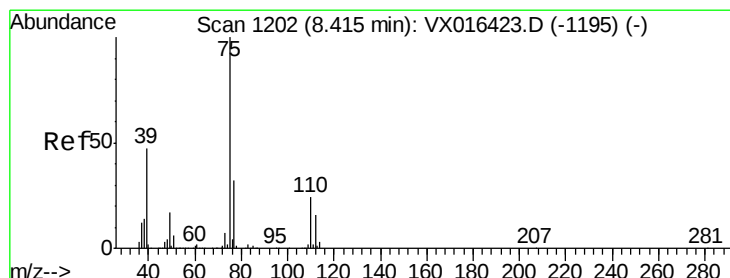
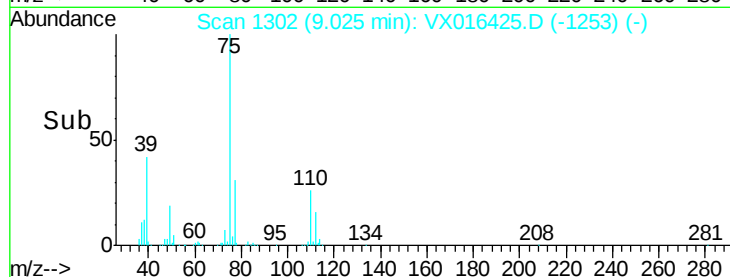
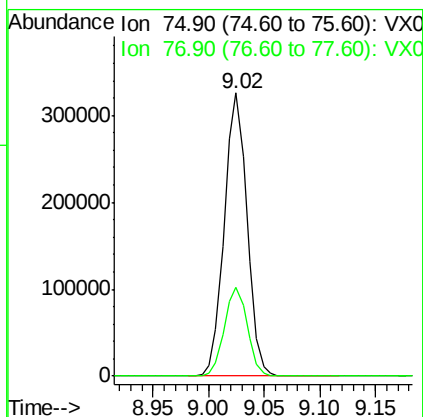
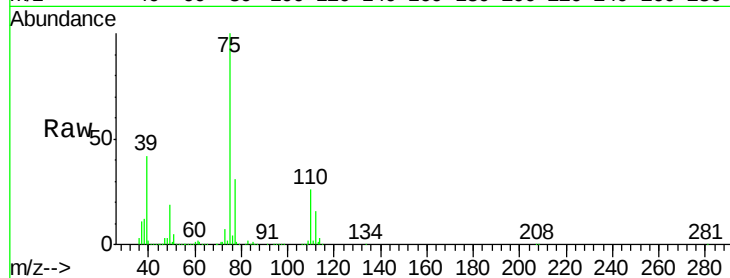
77 31.4 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 141.872 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

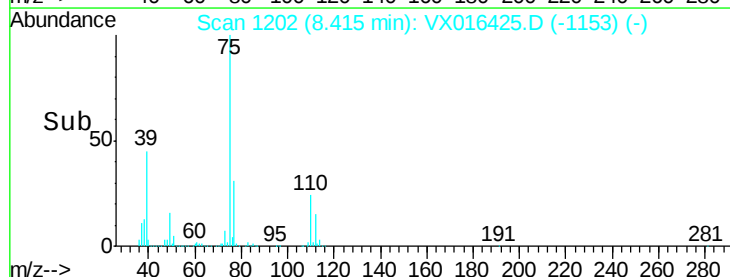
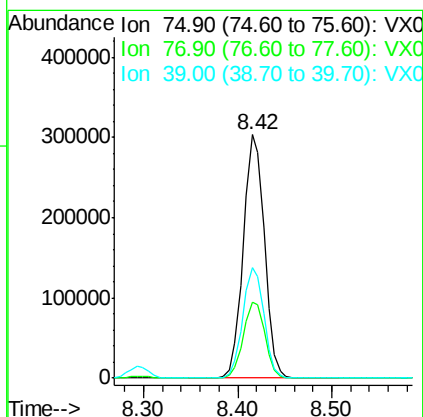
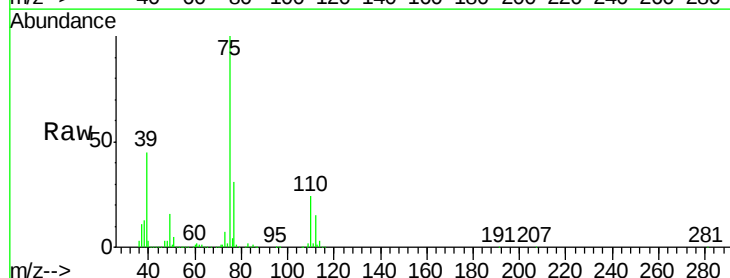
Tgt Ion: 75 Resp: 476071

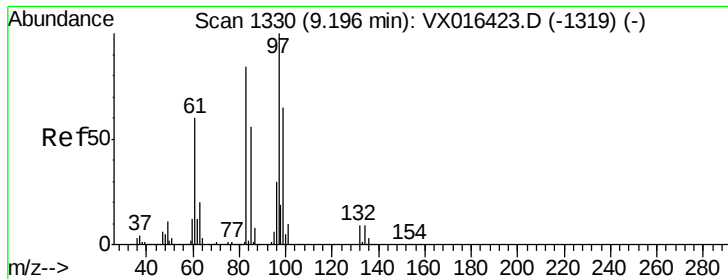
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 45.2 37.7 56.5





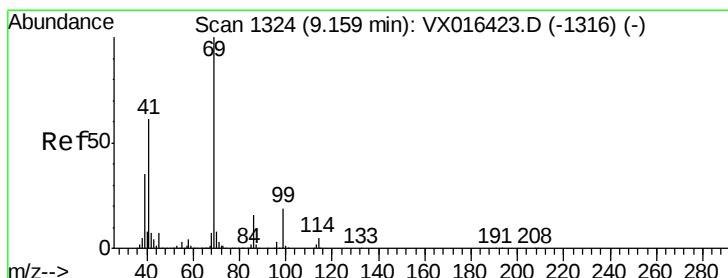
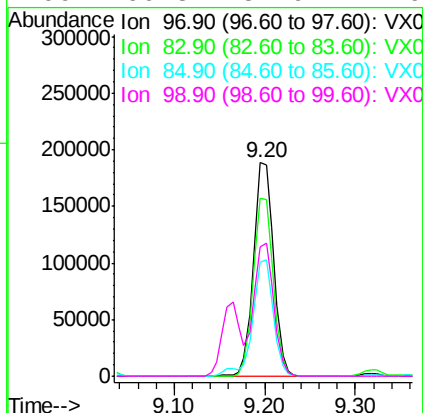
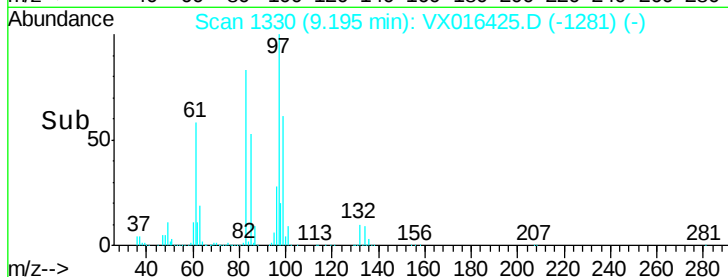
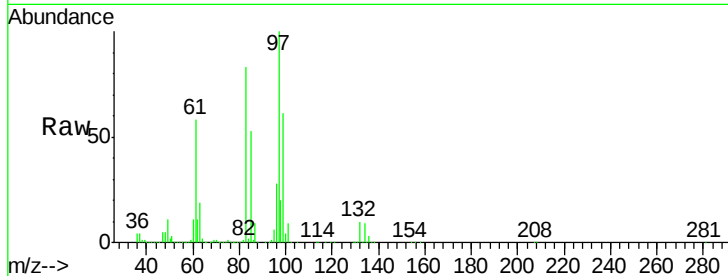
#55
 1,1,2-Trichloroethane
 Concen: 152.022 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	291048
Ion Ratio	Lower	Upper	
97	100		
83	83.5	66.9	100.3
85	53.2	45.2	67.8
99	60.8	51.9	77.9

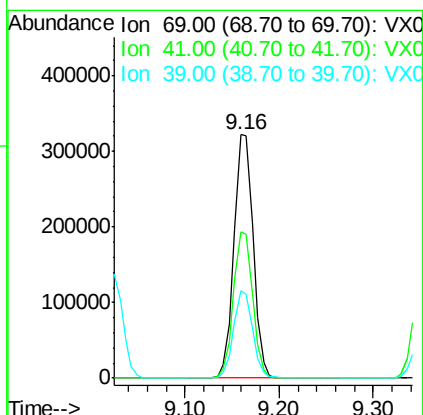
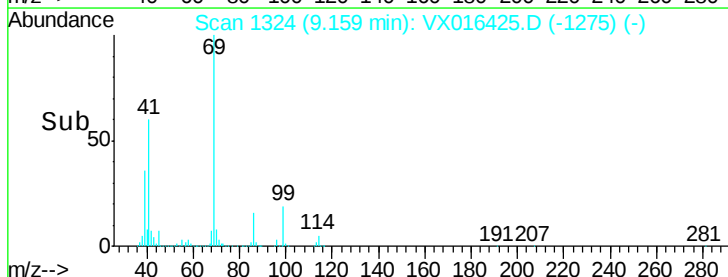
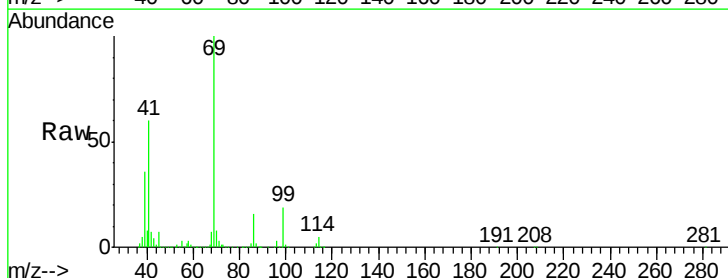
Manual Integrations
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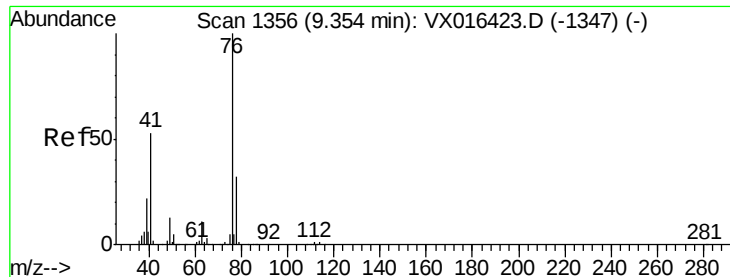
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#56
 Ethyl methacrylate
 Concen: 148.762 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion:	69	Resp:	457687
Ion Ratio	Lower	Upper	
69	100		
41	59.9	47.9	71.9
39	35.5	28.7	43.1





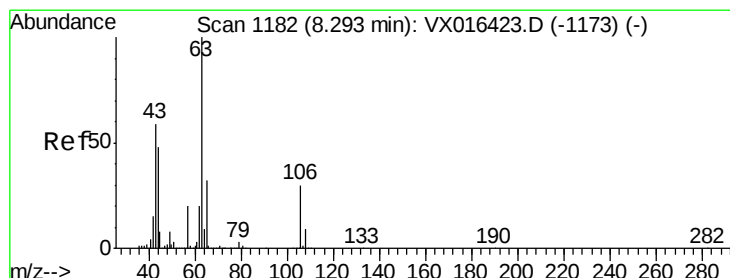
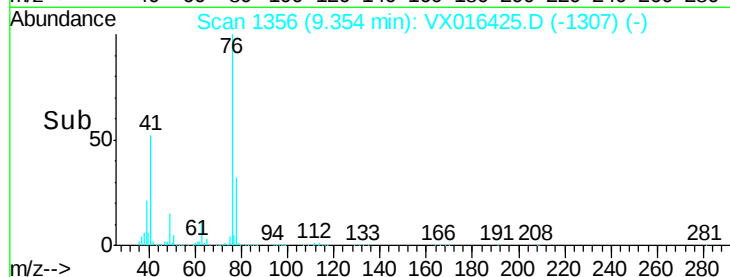
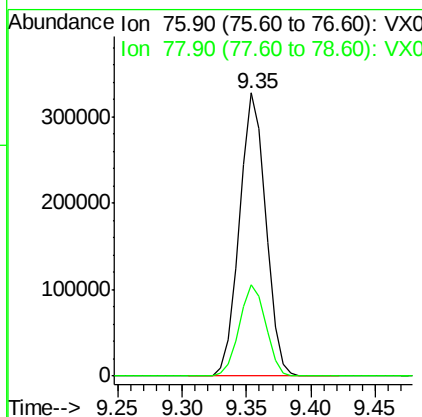
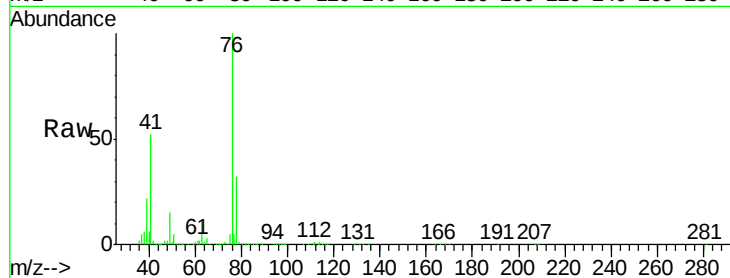
#57
 1,3-Dichloropropane
 Concen: 139.918 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

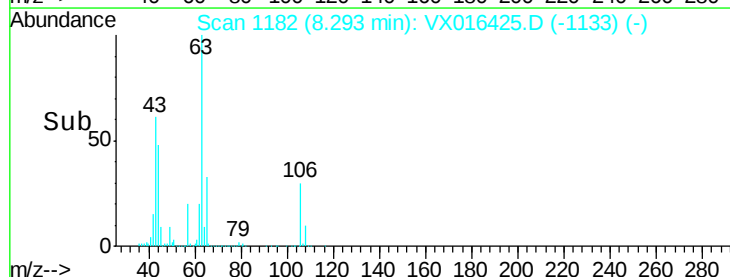
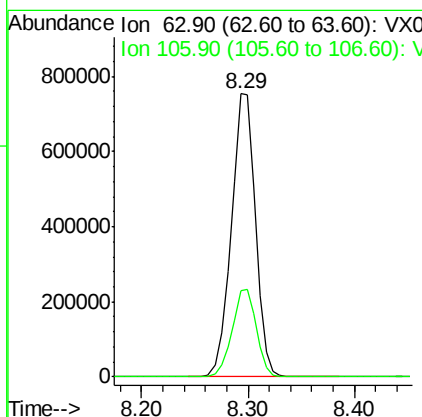
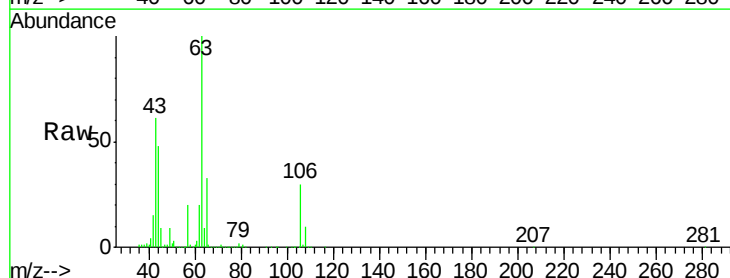
Manual Integrations
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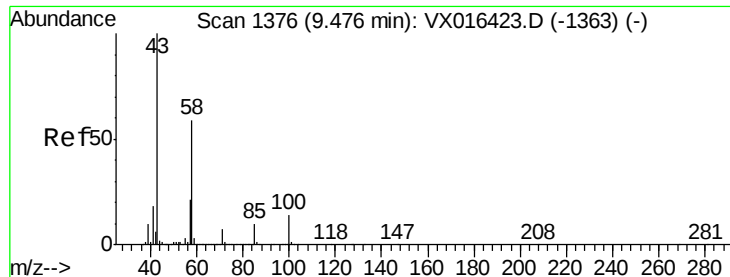
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#58
 2-Chloroethyl Vinyl ether
 Concen: 732.784 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.1	24.6	36.8





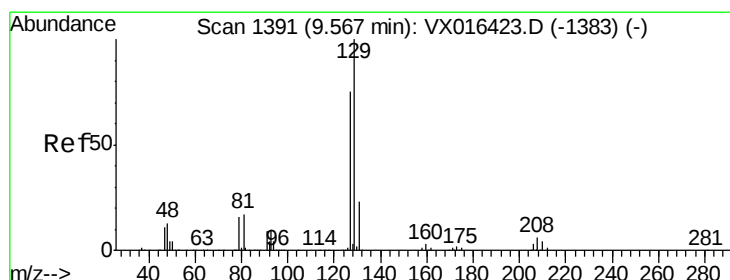
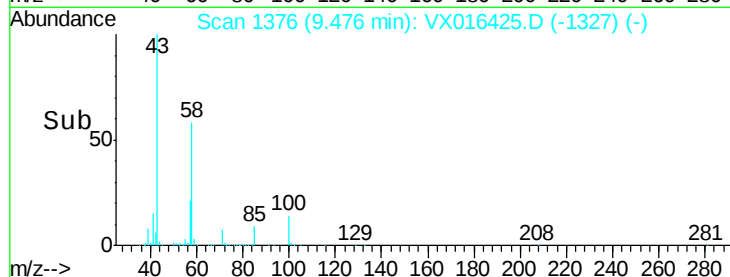
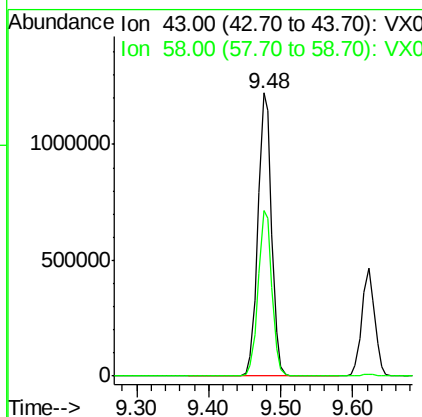
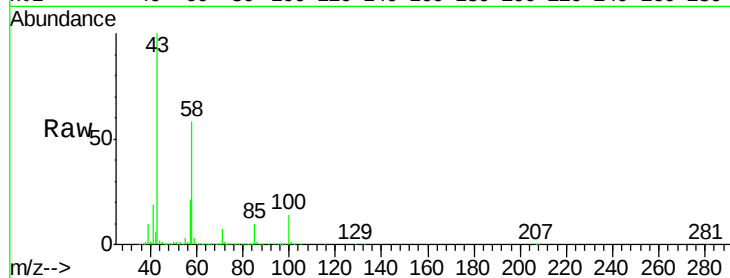
#59
2-Hexanone
Concen: 701.631 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 1628964
Ion Ratio Lower Upper
43 100
58 58.8 29.1 87.3

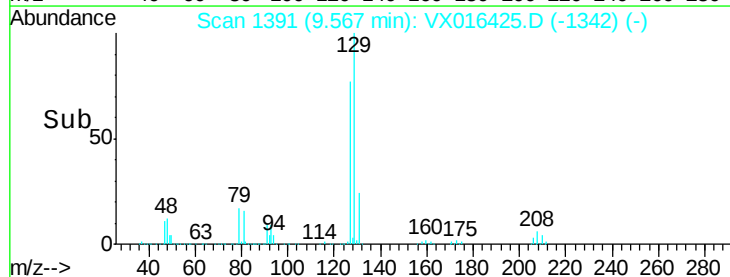
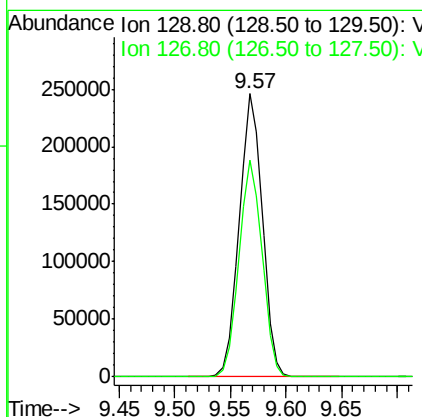
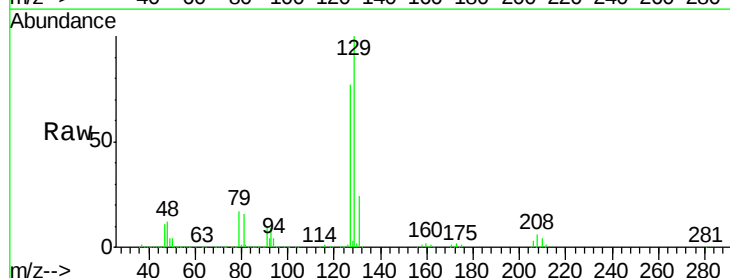
Manual Integrations
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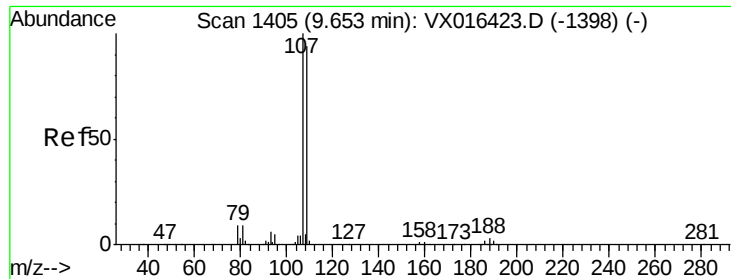
MMDadoda
5/27/2020 12:27:32 PM



#60
Dibromochloromethane
Concen: 167.358 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 129 Resp: 354911
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





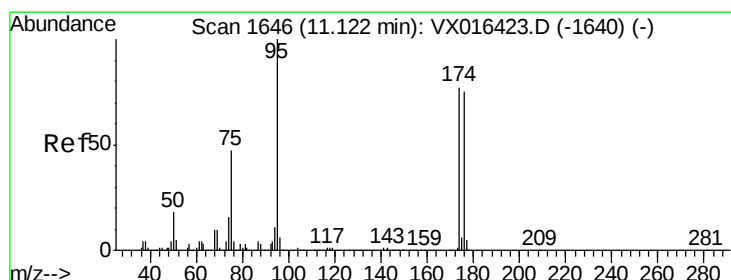
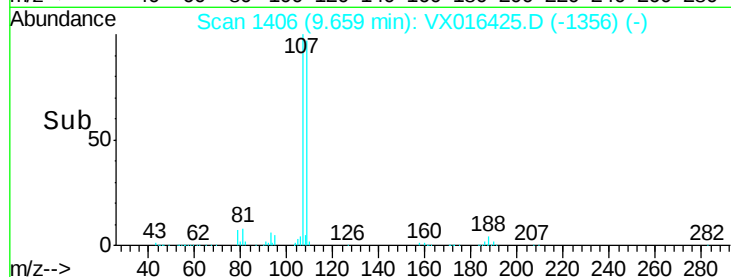
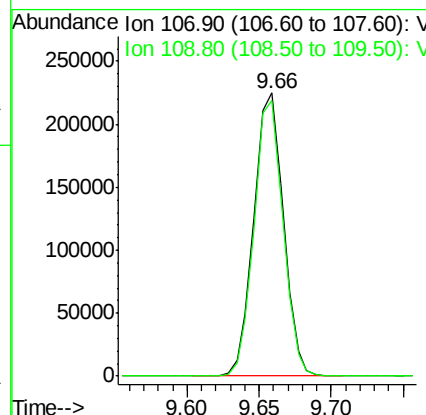
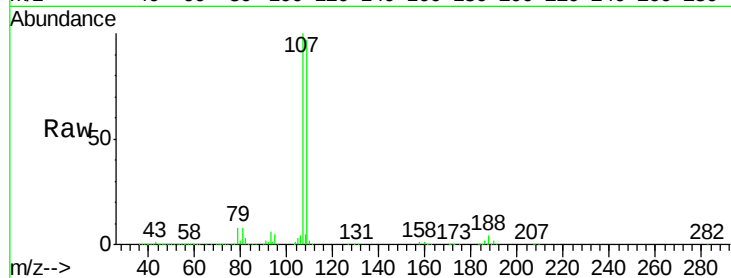
#61
 1,2-Dibromoethane
 Concen: 153.276 ug/l
 RT: 9.66 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.0	112.6

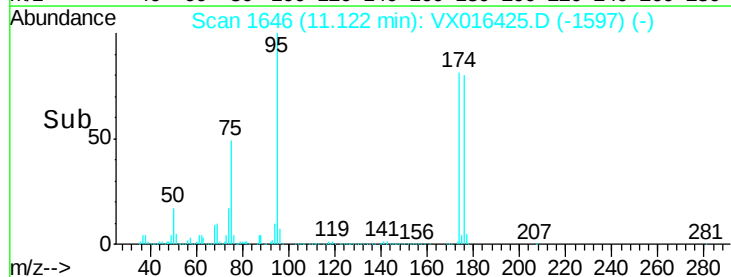
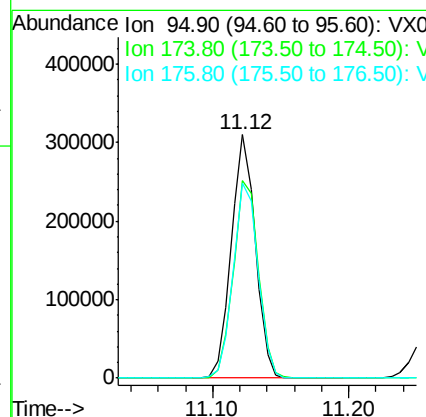
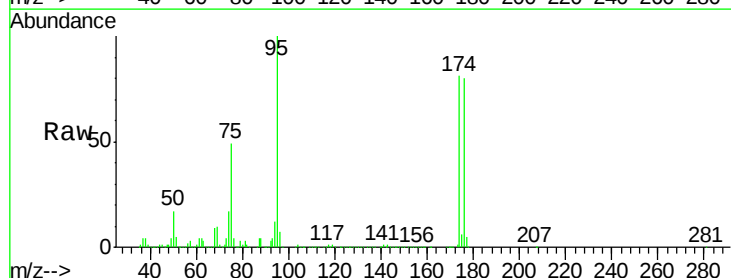
Manual Integrations
 APPROVED

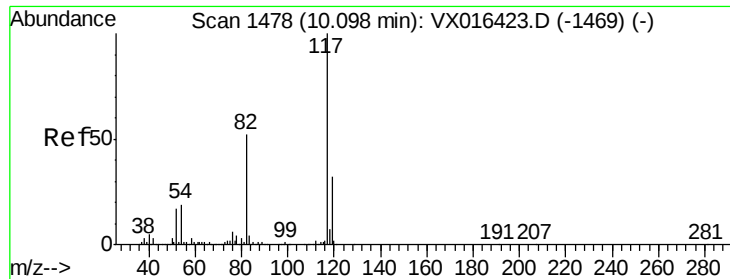
MMDadoda
 5/27/2020 12:27:32 PM



#62
 4-Bromofluorobenzene
 Concen: 150.528 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	162.6
176	83.6	0.0	158.2





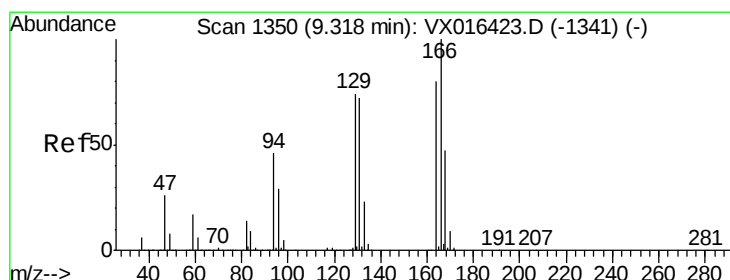
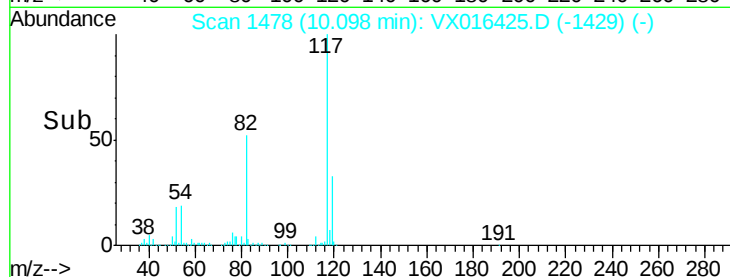
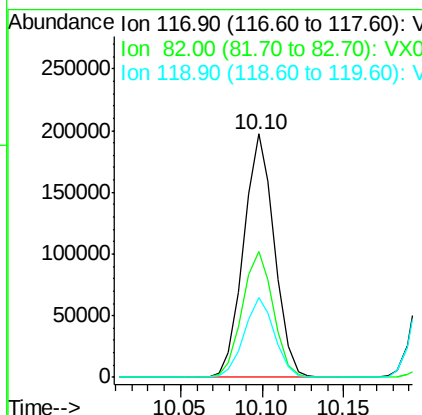
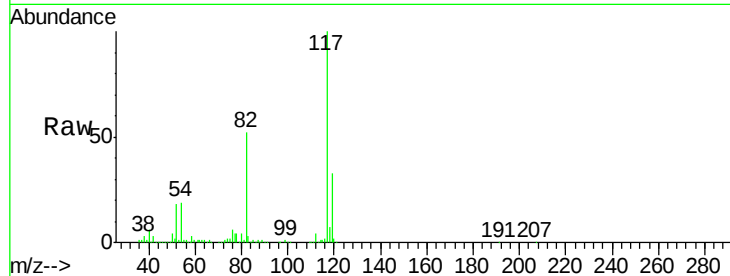
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	259238		
82	51.8		41.8	62.6
119	32.7		25.7	38.5

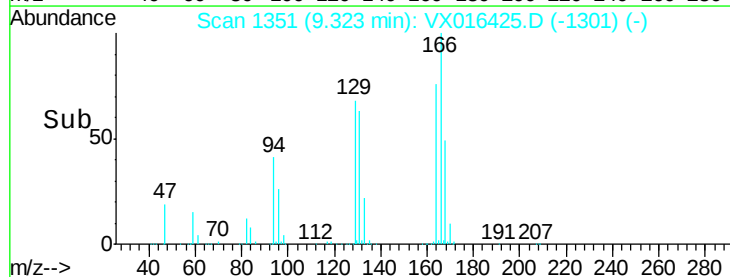
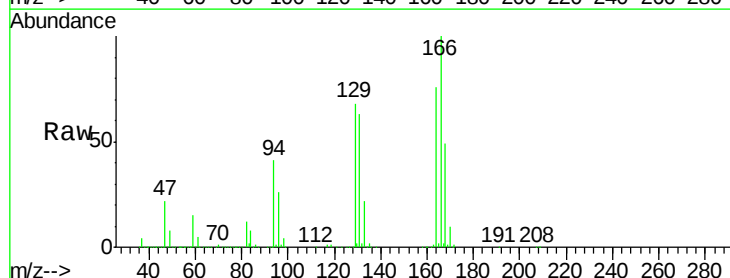
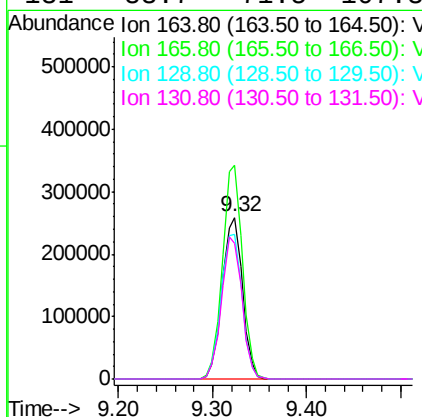
Manual Integrations
APPROVED

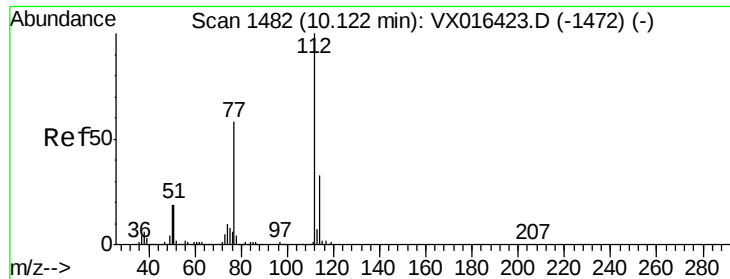
MMDadoda
5/27/2020 12:27:32 PM



#64
Tetrachloroethene
Concen: 123.076 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	386727		
166	132.0		99.5	149.3
129	89.2		73.4	110.0
131	83.7		71.5	107.3





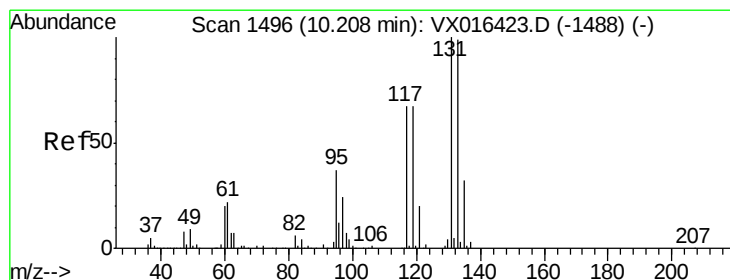
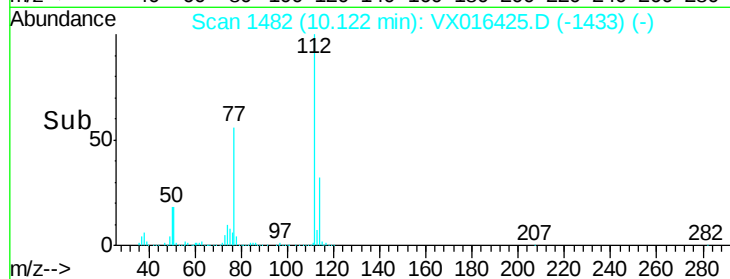
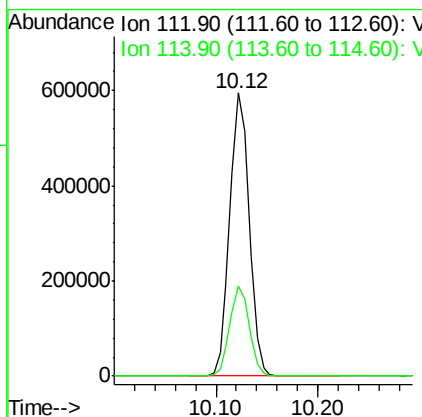
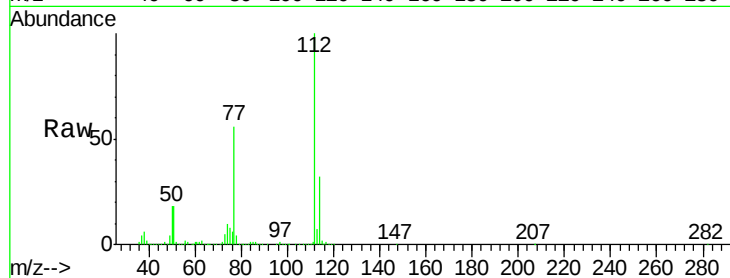
#65
Chlorobenzene
Concen: 144.403 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.6	40.0

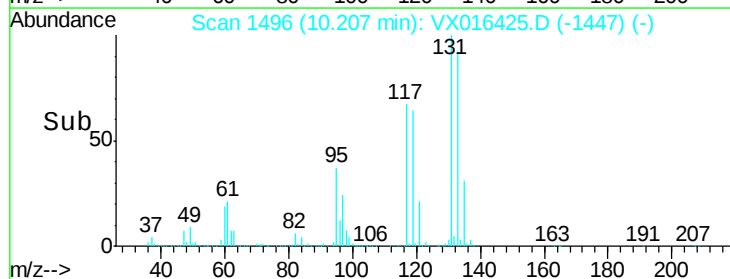
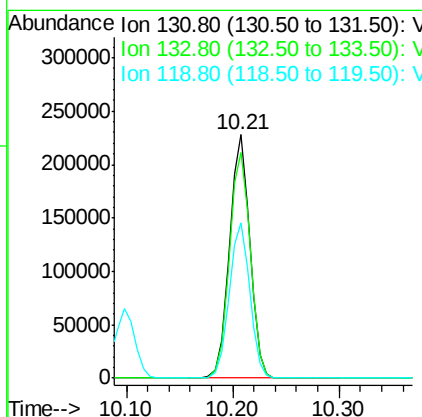
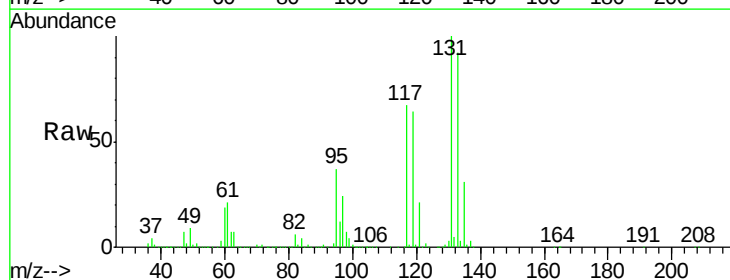
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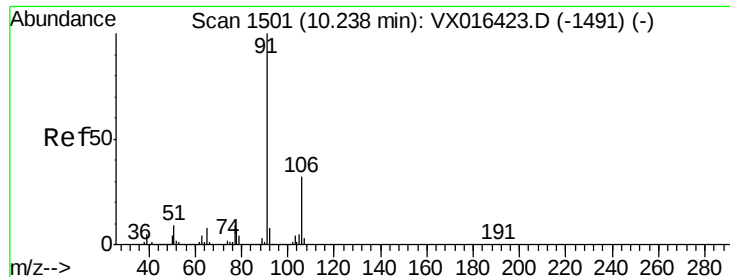
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 152.524 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.2
119	64.4	33.0	98.9





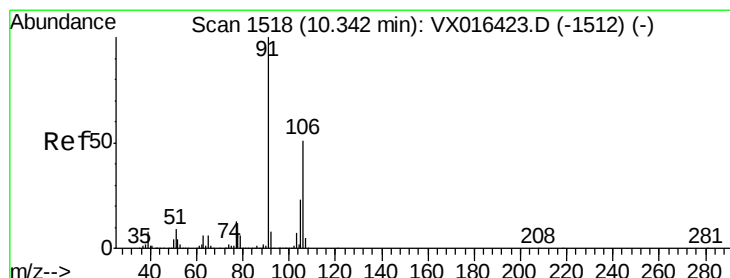
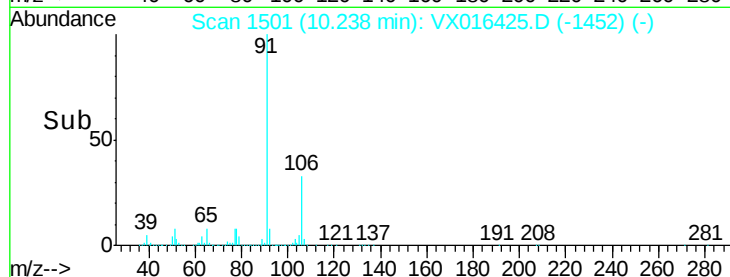
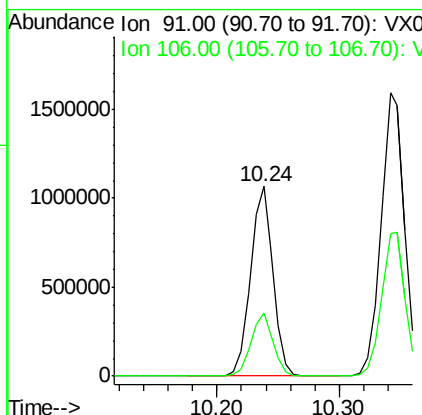
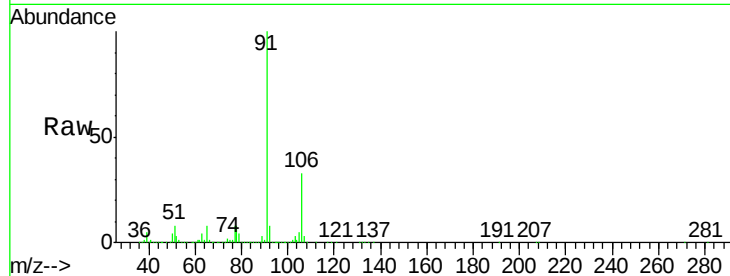
#67
Ethyl Benzene
Concen: 141.201 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1355475
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.8

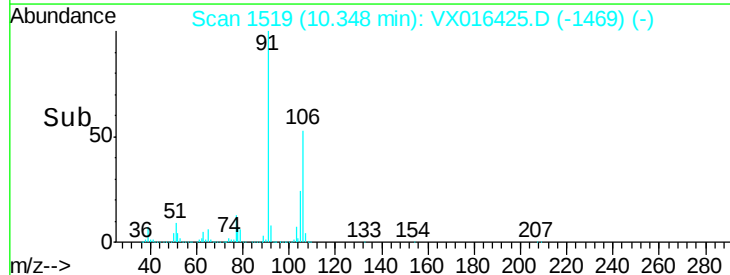
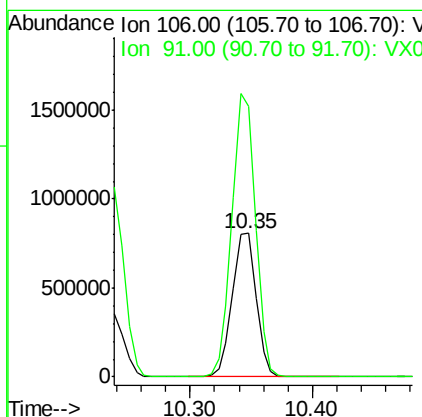
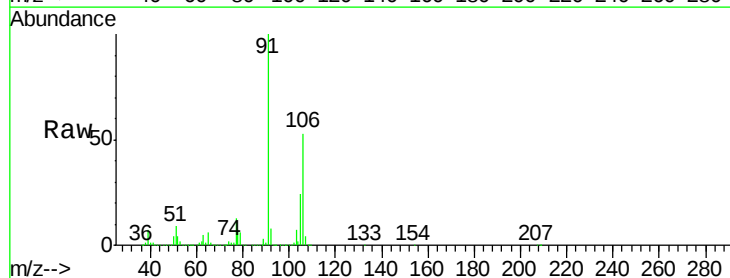
Manual Integrations
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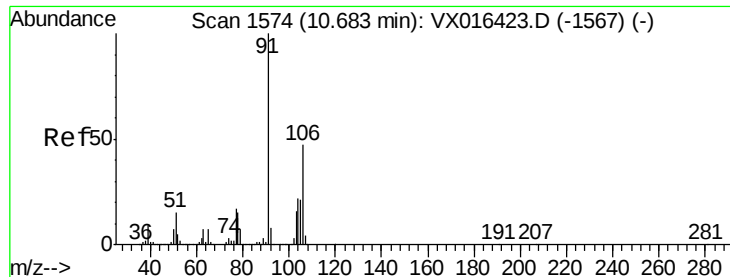
MMDadoda
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#68
m/p-Xylenes
Concen: 301.913 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 106 Resp: 1089001
Ion Ratio Lower Upper
106 100
91 194.1 158.2 237.4





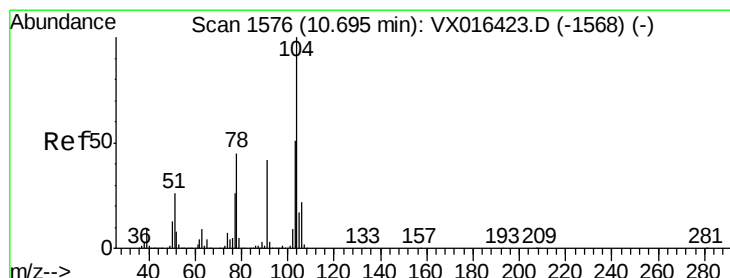
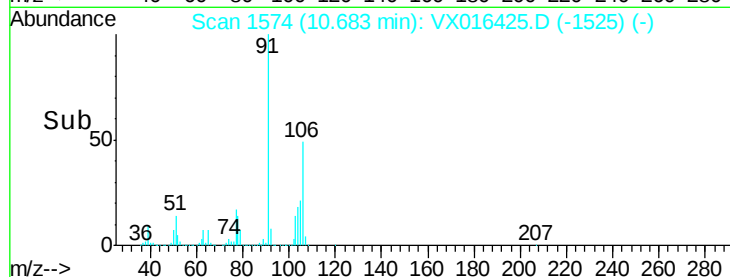
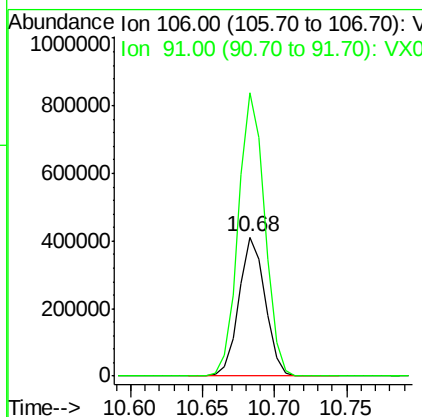
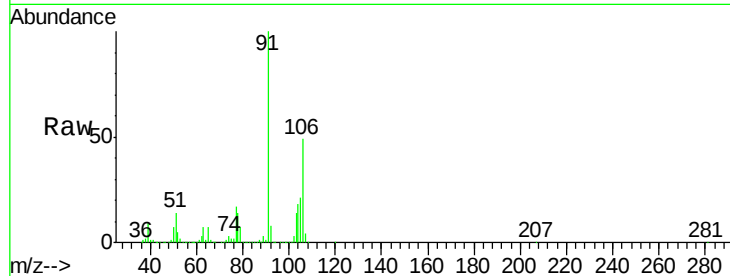
#69
o-Xylene
Concen: 150.062 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	521346		
91	91	204.9	104.0	312.0	

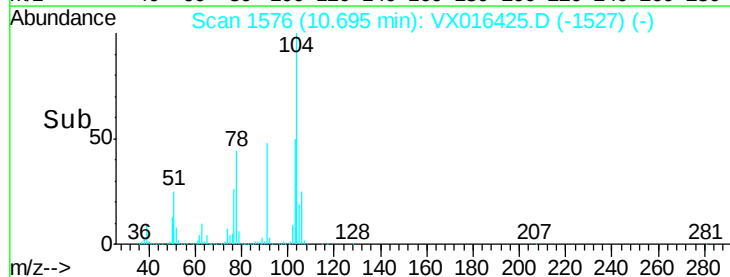
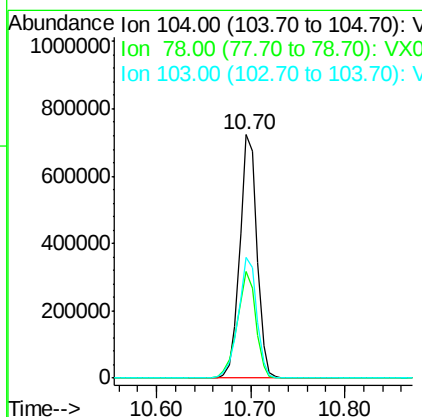
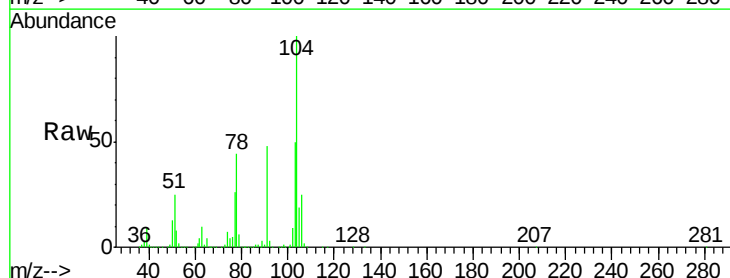
Manual Integrations
APPROVED

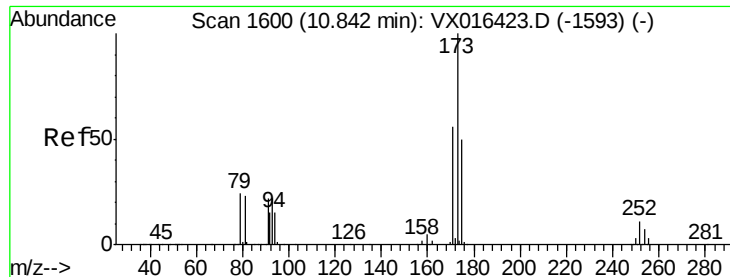
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#70
Styrene
Concen: 155.294 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	912558		
78	78	47.4	39.2	58.8	
103	103	53.4	43.8	65.6	





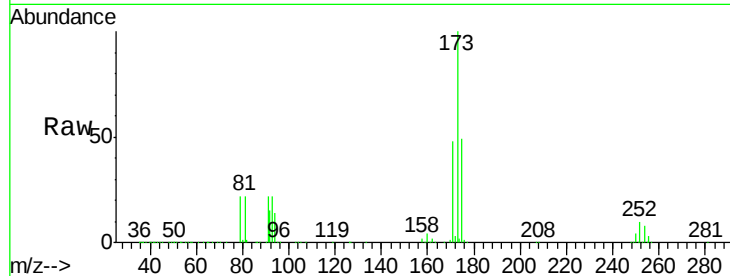
#71
Bromoform
Concen: 173.429 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.5	73.5
254	0.2	0.2	0.2

Manual Integrations
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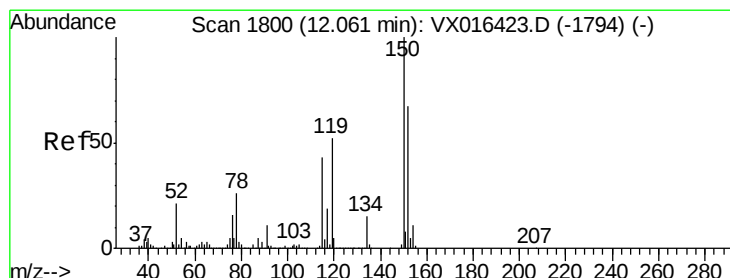
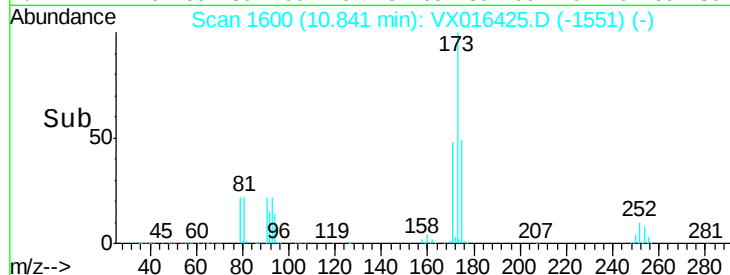
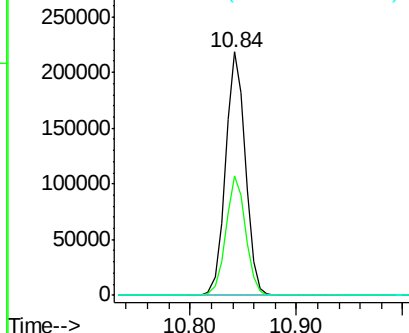


Abundance

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: VX016425.D
Acq: 26 May 2020 14:24

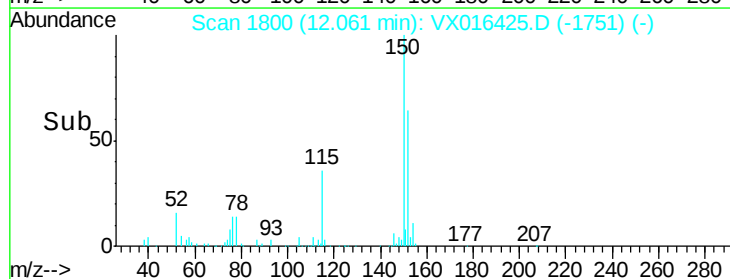
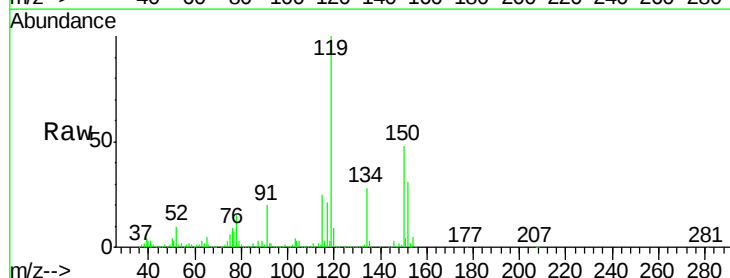
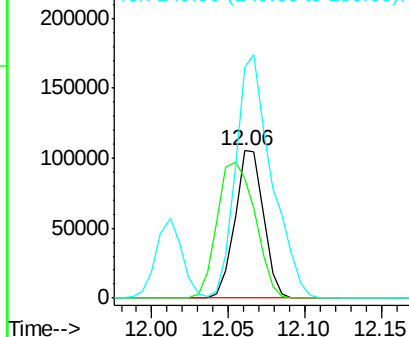
Tgt Ion	Ratio	Lower	Upper
152	100		
115	123.5	40.4	121.2#
150	207.6	0.0	345.8

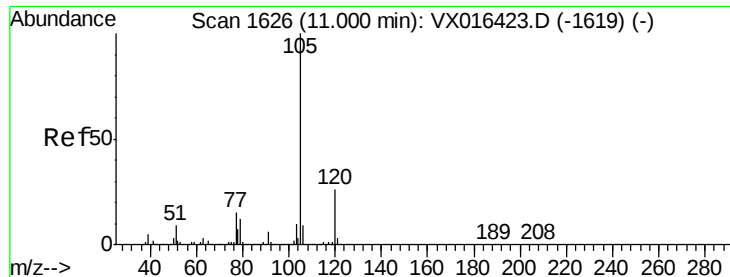
Abundance

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: 138.233 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:105 Resp: 1355194

Ion Ratio Lower Upper

105 100

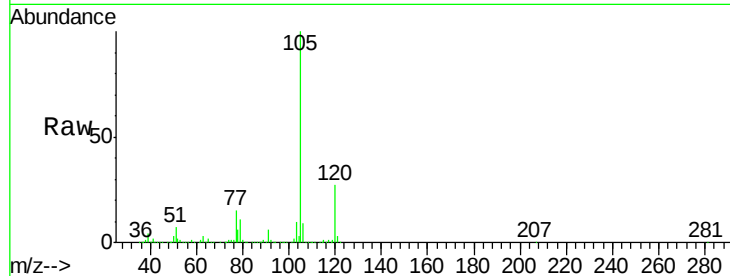
120 27.7 13.7 41.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

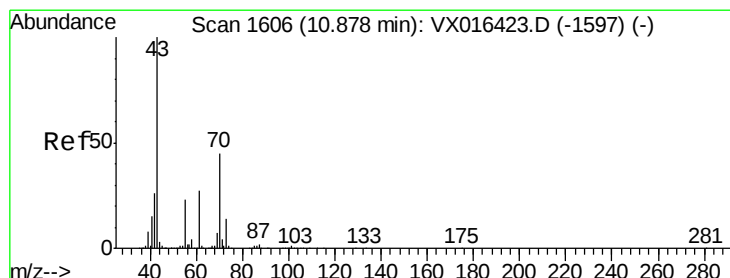
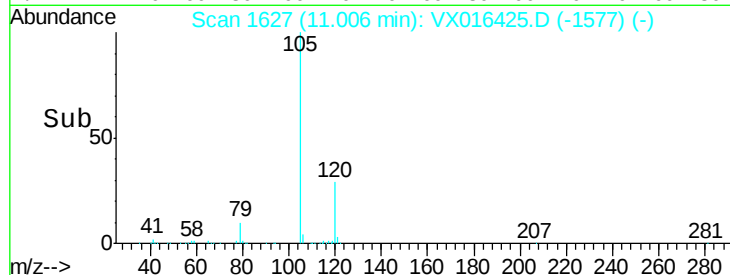
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 129.617 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion: 43 Resp: 582157

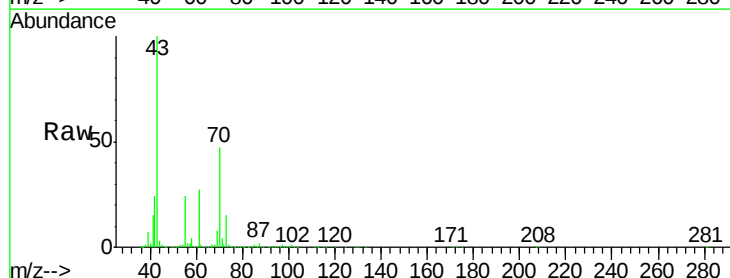
Ion Ratio Lower Upper

43 100

70 47.5 38.0 57.0

55 24.4 20.0 30.0

61 26.8 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

800000

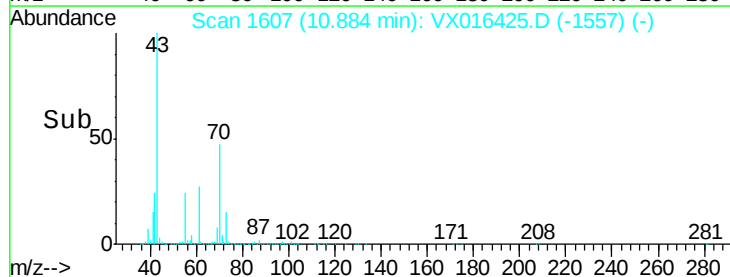
600000

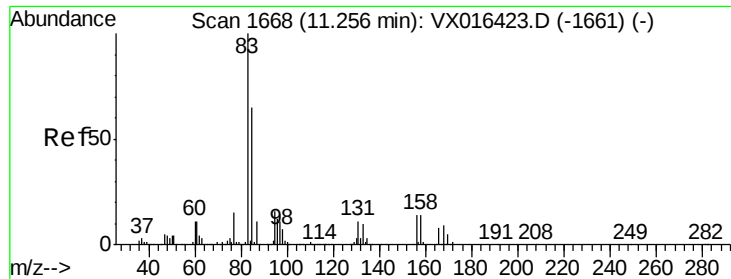
400000

200000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 211.540 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

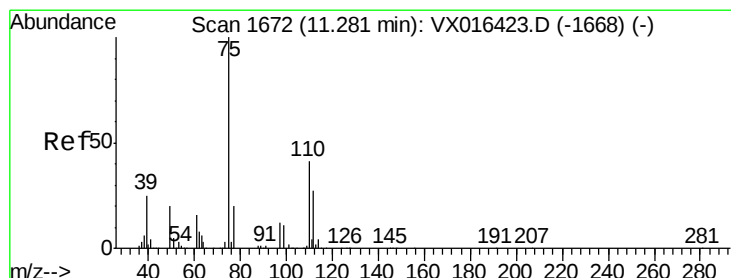
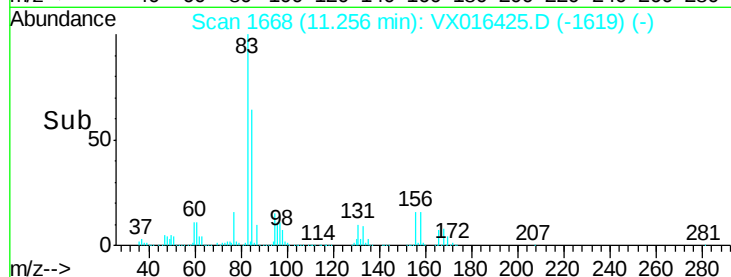
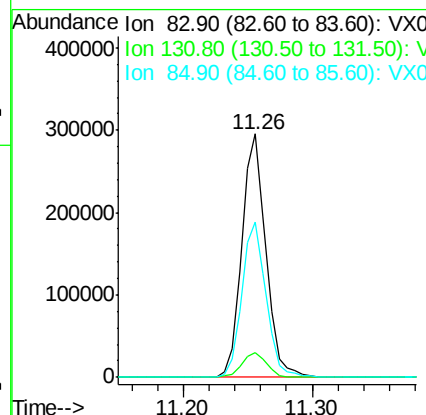
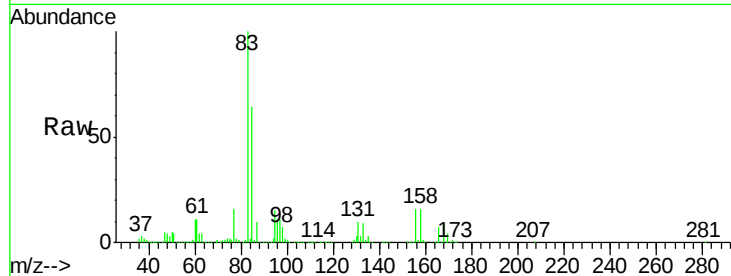
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	380855
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	64.3	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 131.556 ug/l m

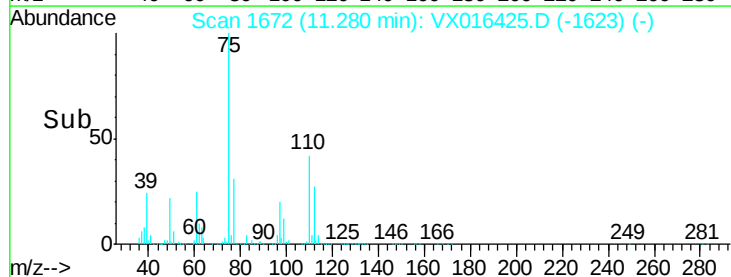
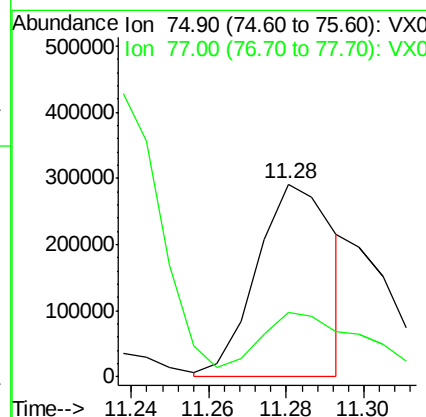
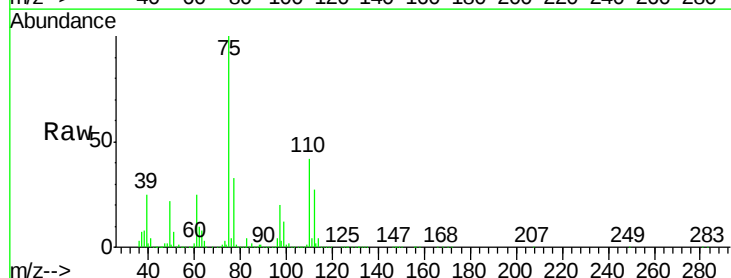
RT: 11.28 min Scan# 1672

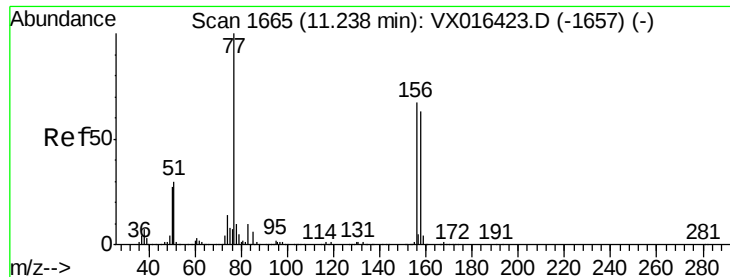
Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion:	75	Resp:	400037
Ion Ratio	Lower	Upper	
75	100		
77	45.5	21.4	64.3





#77

Bromobenzene

Concen: 143.613 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

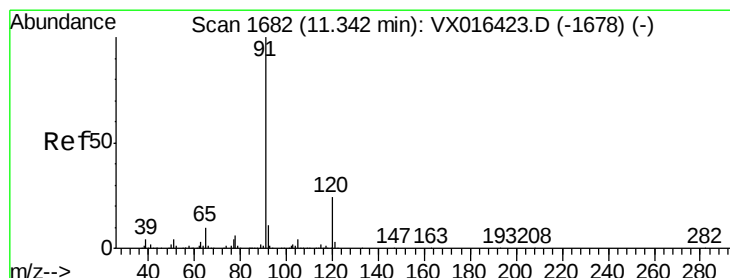
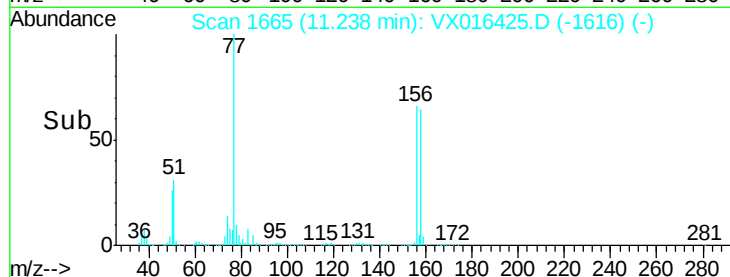
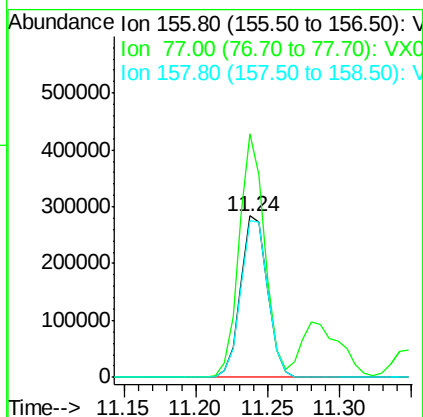
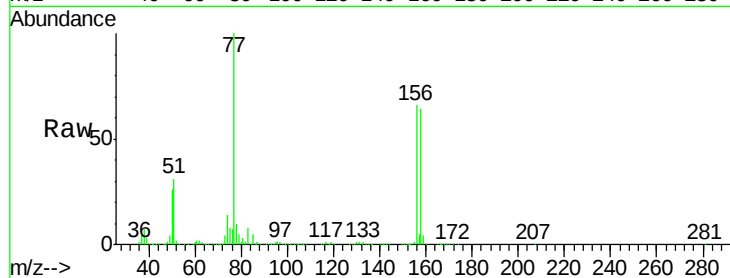
ClientSampleId :

VSTDICC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	143.9	74.6	223.8
158	98.2	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 133.755 ug/l

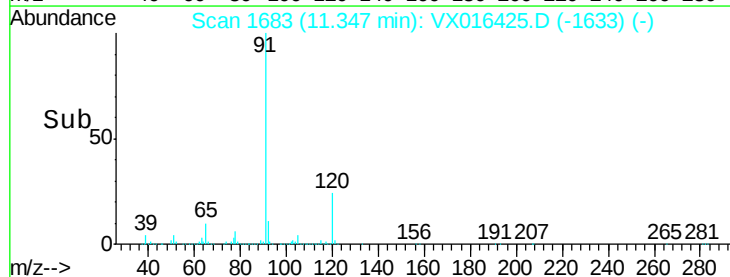
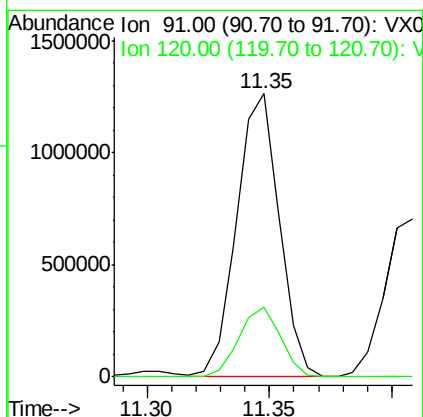
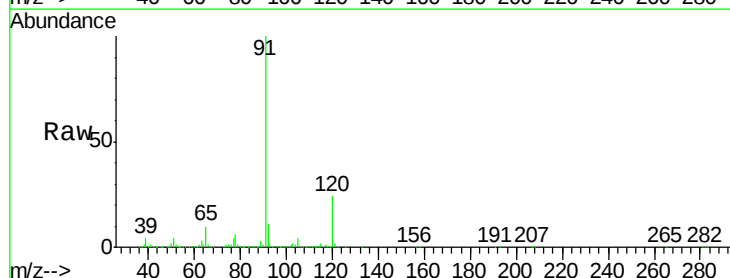
RT: 11.35 min Scan# 1683

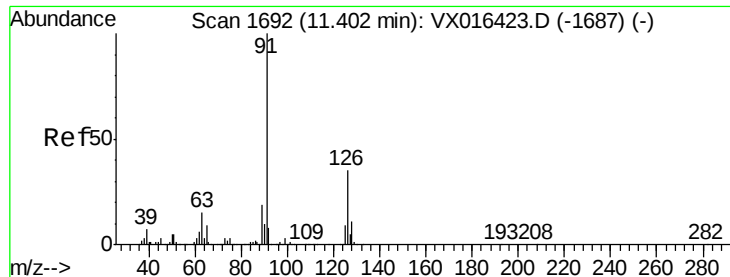
Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.1	36.3





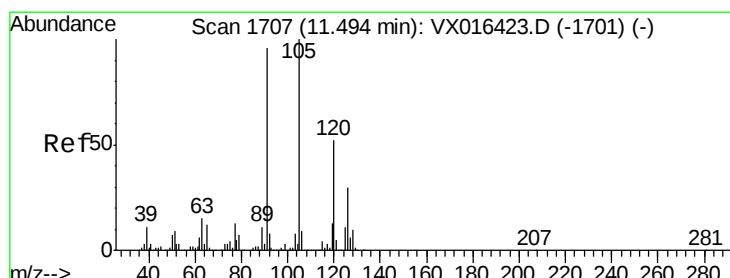
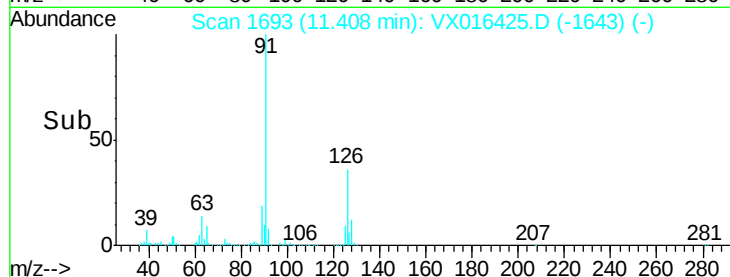
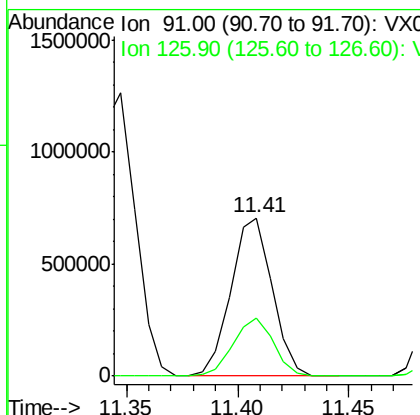
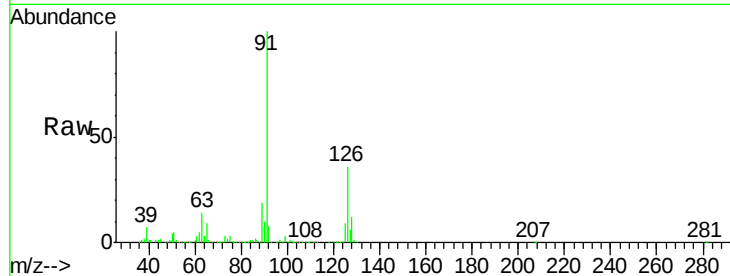
#79
 2-Chlorotoluene
 Concen: 135.420 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 911172
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1

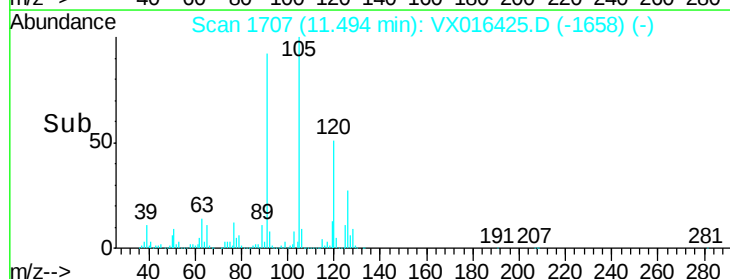
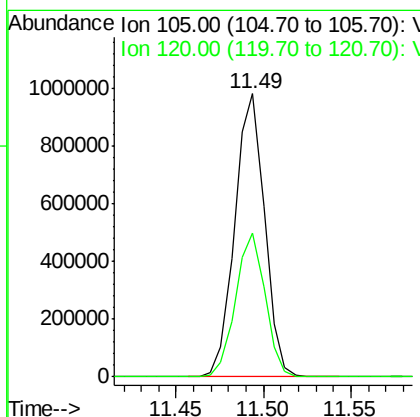
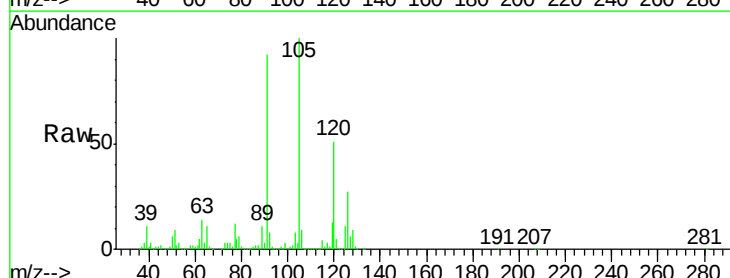
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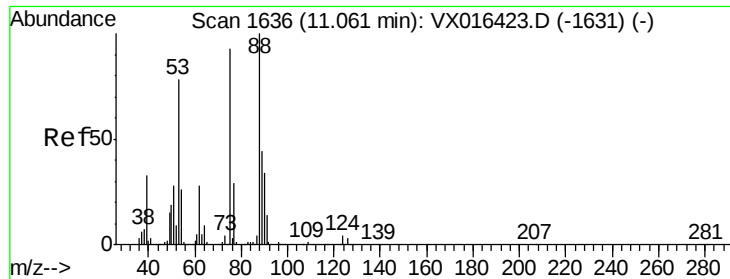
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#80
 1,3,5-Trimethylbenzene
 Concen: 140.727 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion: 105 Resp: 1164230
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.0 75.0





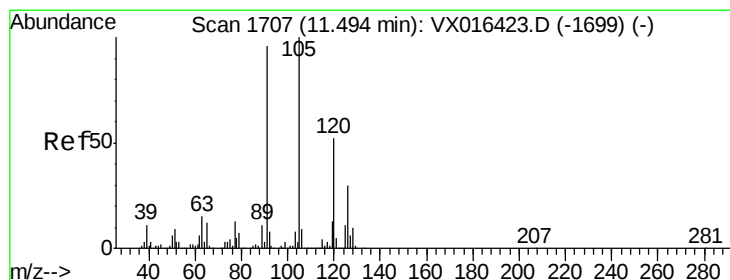
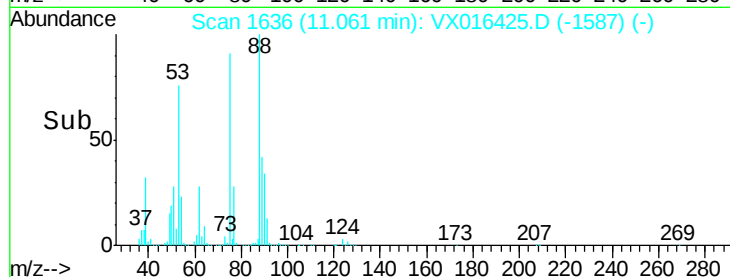
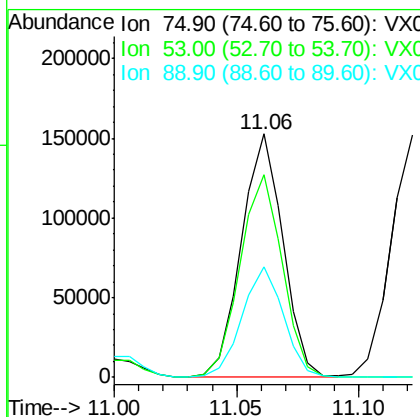
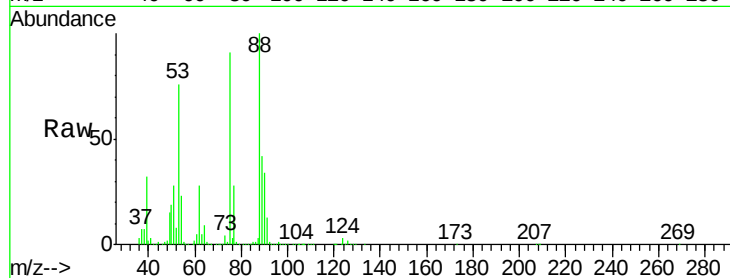
#81
trans-1,4-Dichloro-2-butene
Concen: 142.166 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.0	69.4	104.2
89	45.6	37.0	55.6

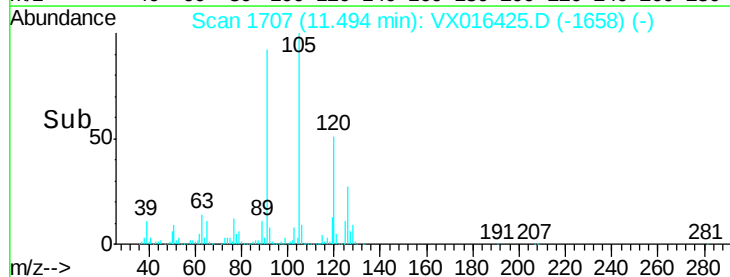
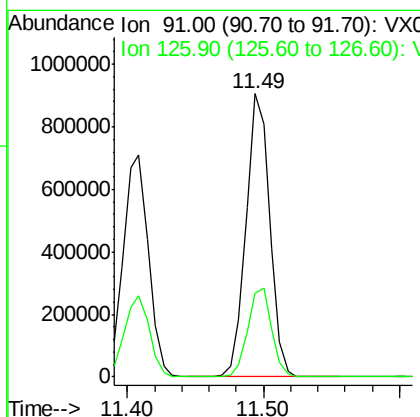
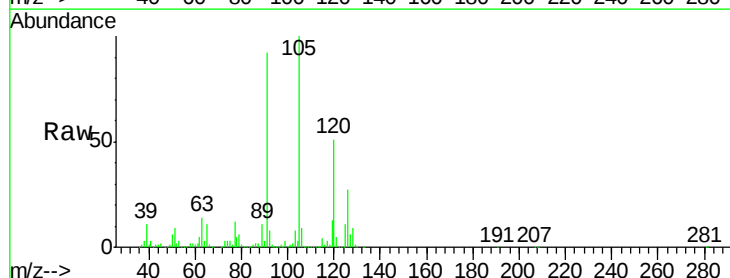
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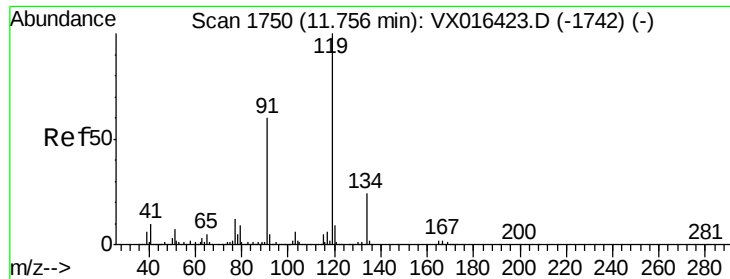
MMDadoda
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#82
4-Chlorotoluene
Concen: 139.225 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.0





#83

tert-Butylbenzene

Concen: 143.601 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 1023295

Ion Ratio Lower Upper

119 100

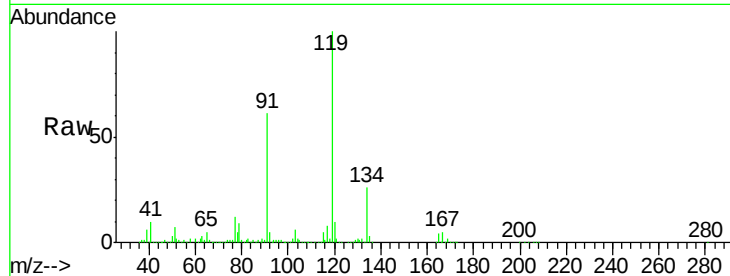
91 60.6 30.8 92.3

134 24.9 12.3 36.9

Manual Integrations
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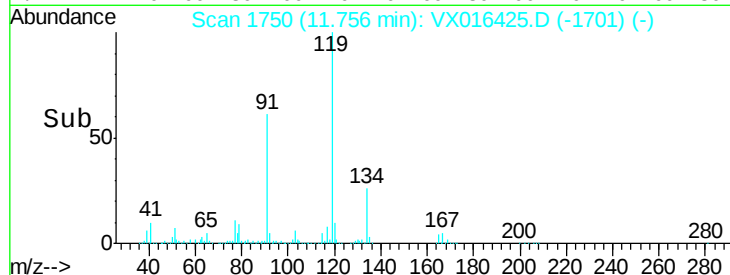


Abundance Ion 119.00 (118.70 to 119.70): V

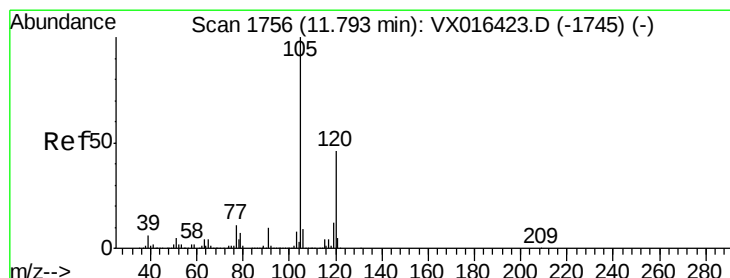
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

Time-->



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 138.422 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016425.D

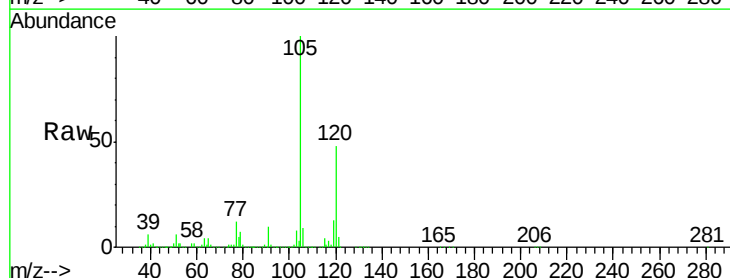
Acq: 26 May 2020 14:24

Tgt Ion:105 Resp: 1155326

Ion Ratio Lower Upper

105 100

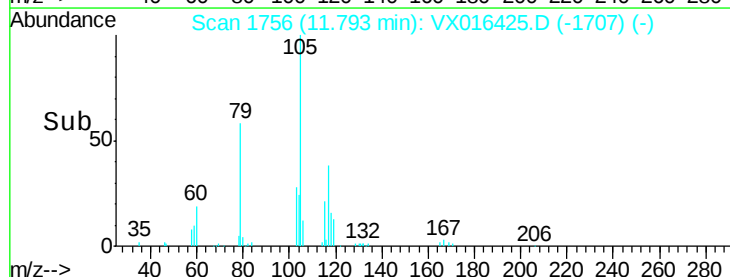
120 47.3 23.2 69.6



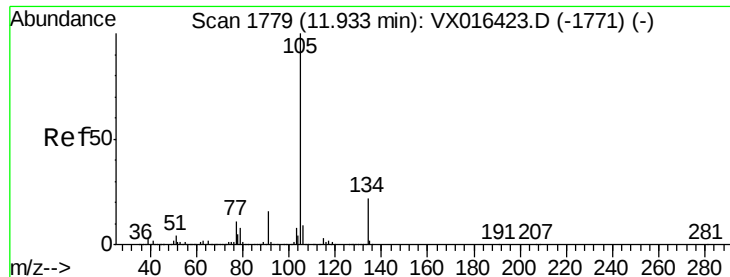
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



#85

sec-Butylbenzene

Concen: 132.895 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1266933

Ion Ratio Lower Upper

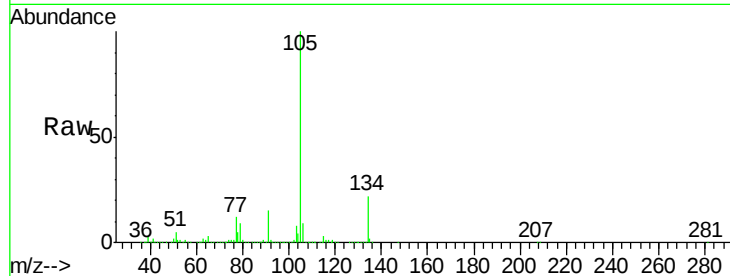
105 100

134 21.3 10.5 31.6

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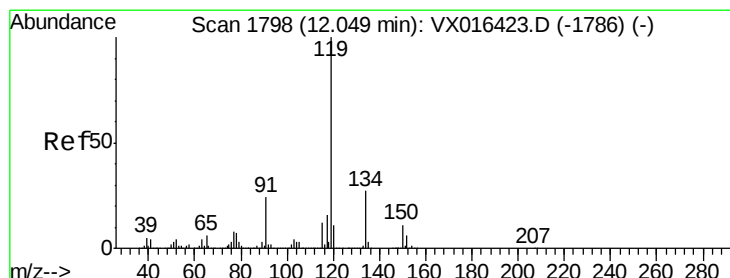
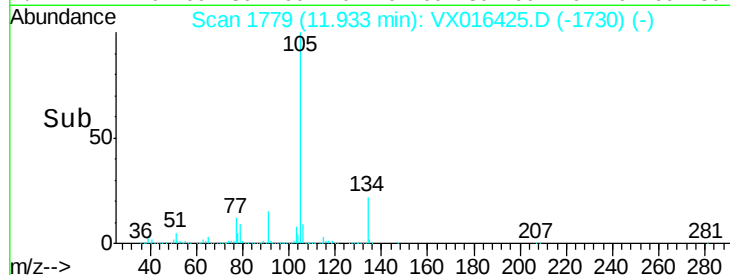
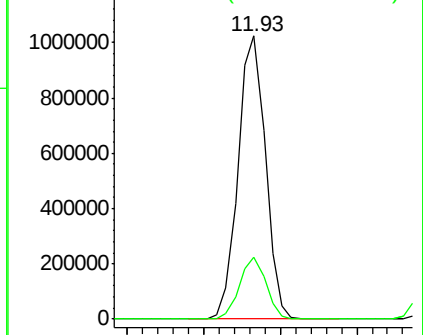
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 134.553 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

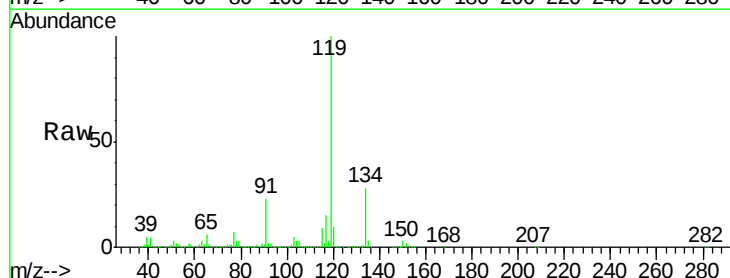
Tgt Ion:119 Resp: 1188028

Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.3

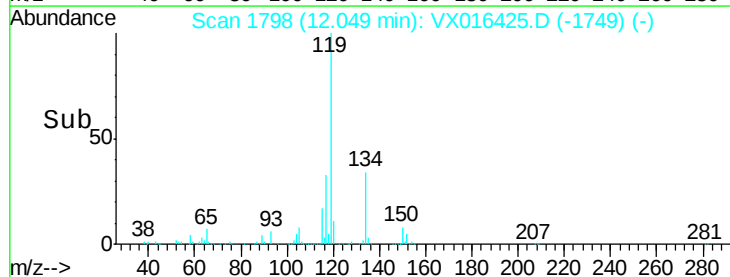
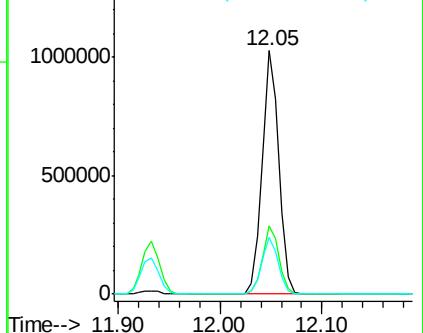
91 23.1 11.9 35.5

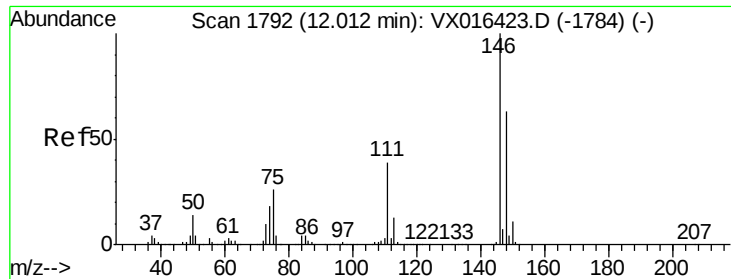


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





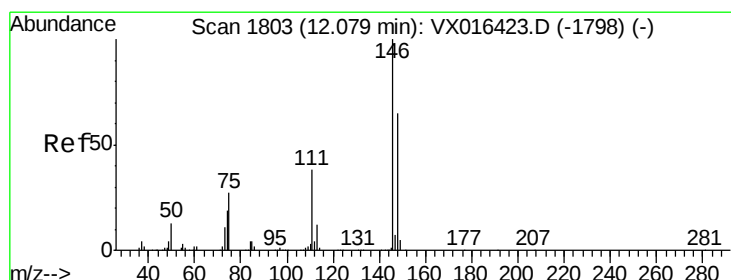
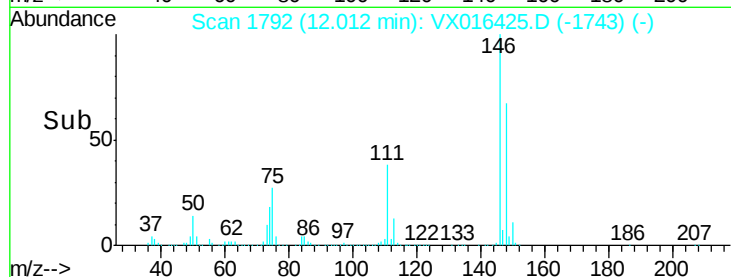
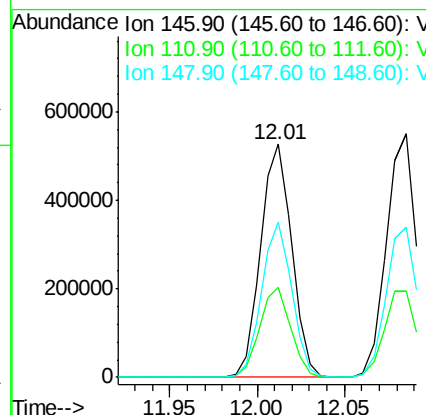
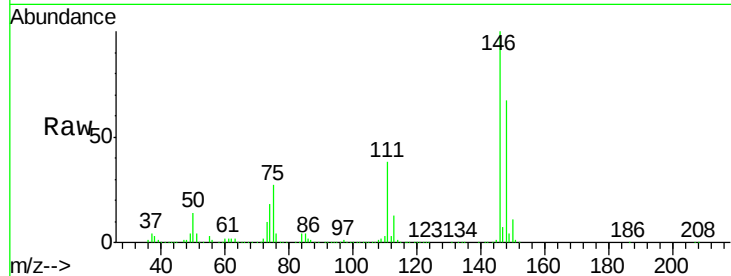
#87
 1,3-Dichlorobenzene
 Concen: 143.325 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.1	60.2
148	64.8	31.4	94.2

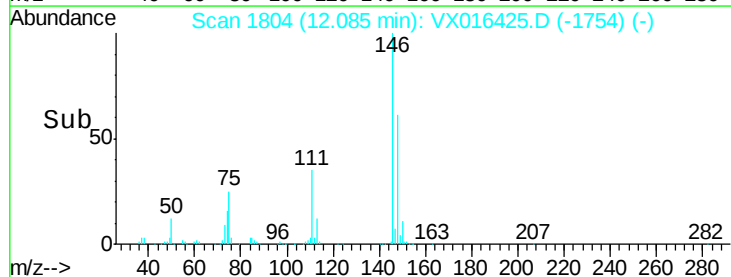
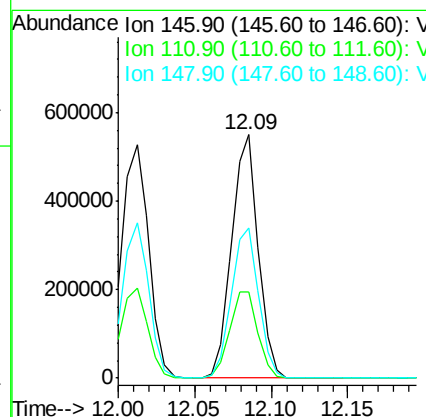
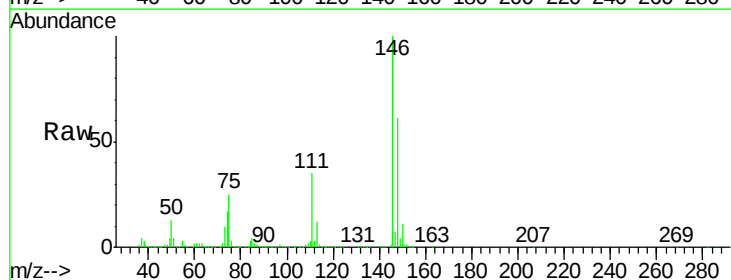
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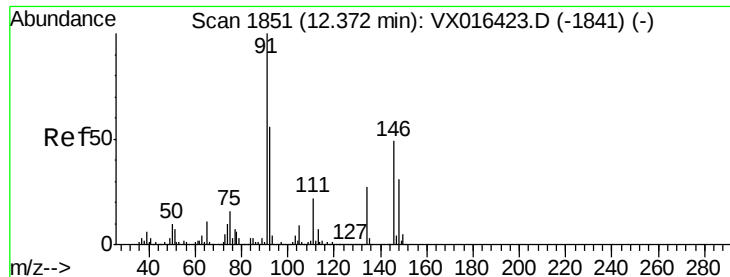
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#88
 1,4-Dichlorobenzene
 Concen: 142.717 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.2	57.6
148	63.3	33.1	99.2





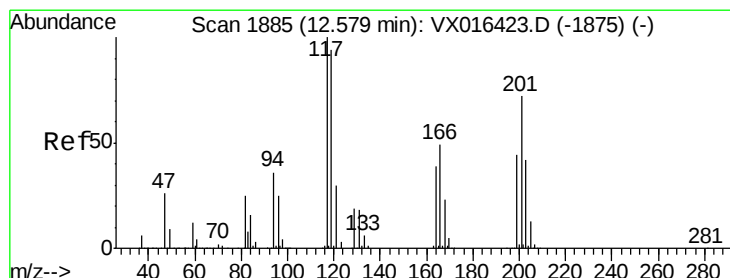
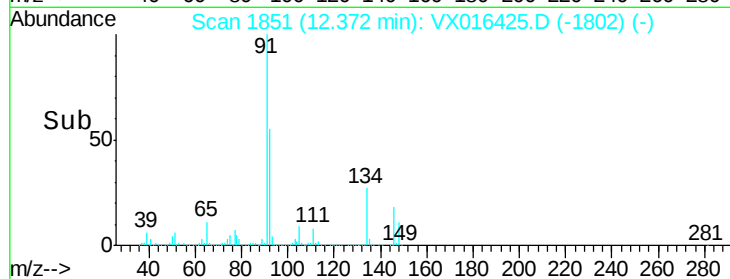
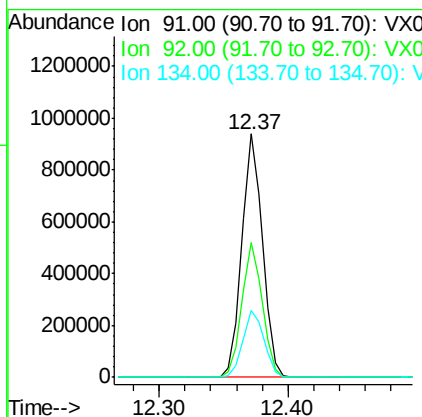
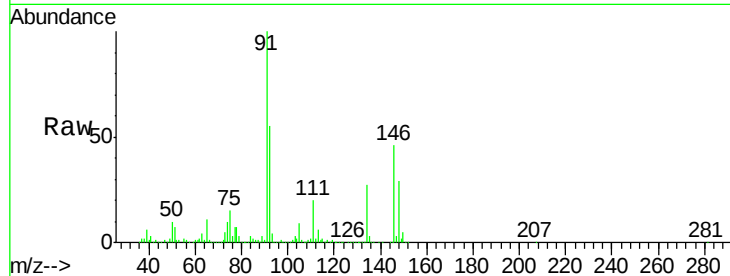
#89
n-Butylbenzene
Concen: 129.642 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1039905
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.8
134 27.9 13.7 41.1

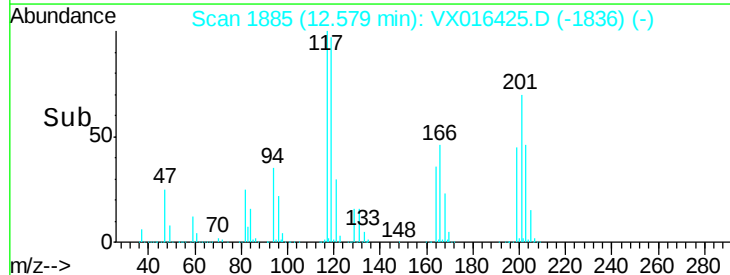
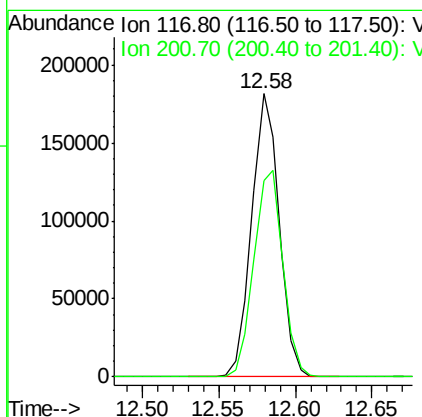
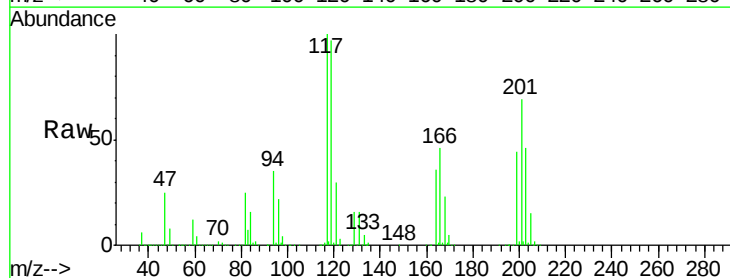
Manual Integrations
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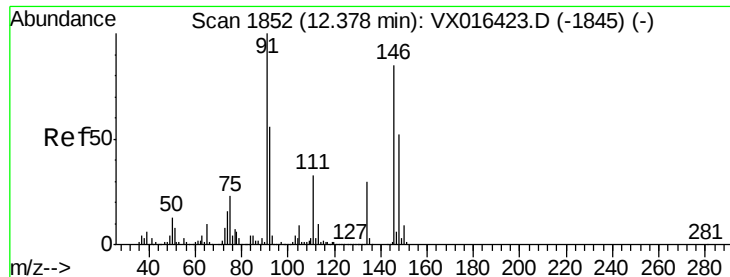
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5/27/2020 12:27:32 PM



#90
Hexachloroethane
Concen: 148.591 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 117 Resp: 226774
Ion Ratio Lower Upper
117 100
201 77.1 37.6 112.9





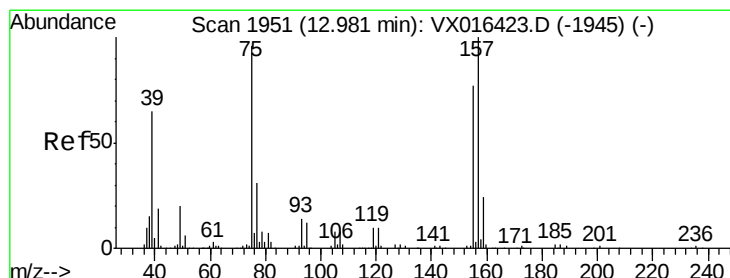
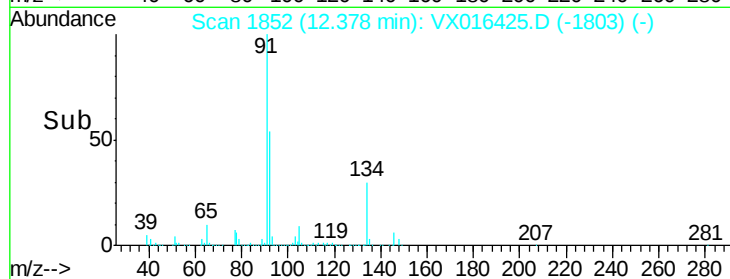
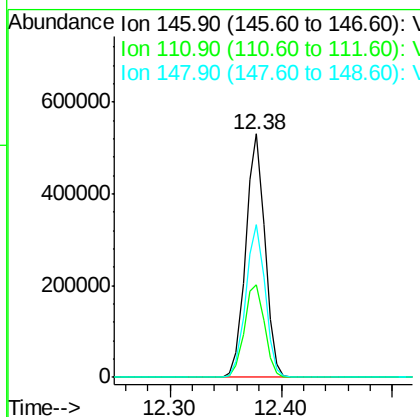
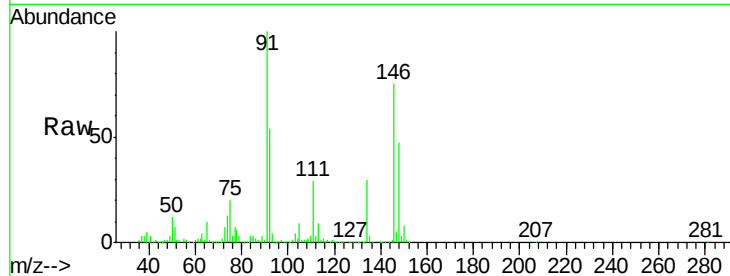
#91
 1,2-Dichlorobenzene
 Concen: 143.313 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	63.2	31.6	94.8

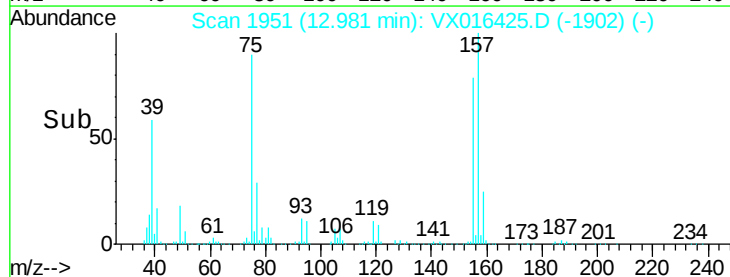
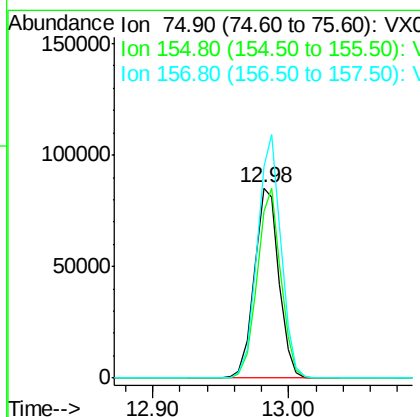
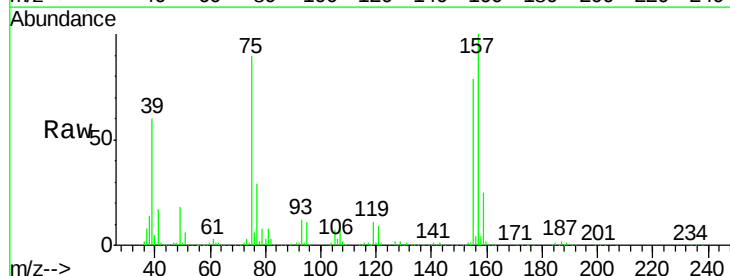
Manual Integrations
 APPROVED

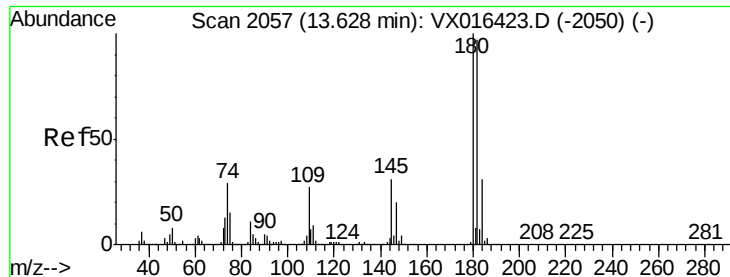
MMDadoda
 5/27/2020 12:27:32 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 134.846 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	44.8	134.4
157	123.6	57.8	173.4





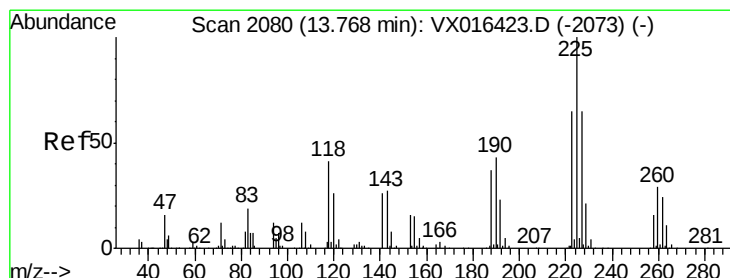
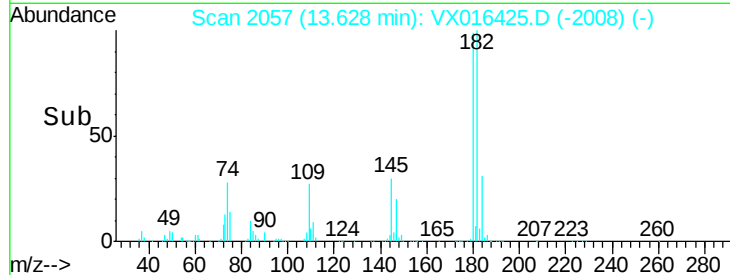
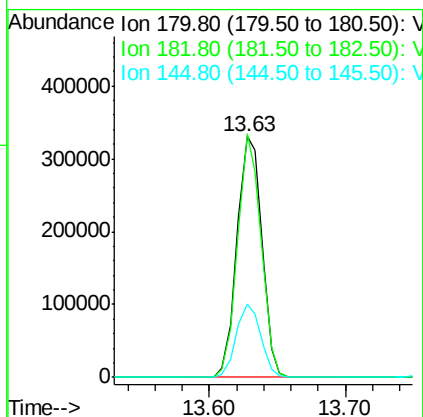
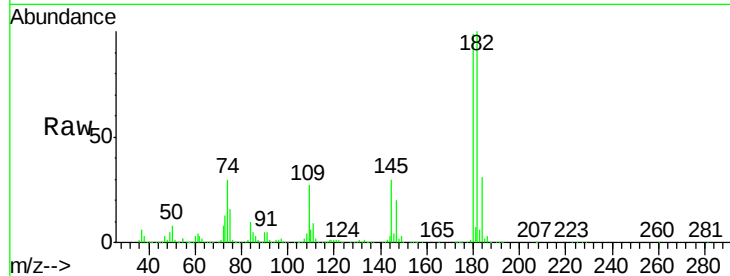
#93
1,2,4-Trichlorobenzene
Concen: 131.832 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	48.6	145.8	
145	30.1	15.5	46.5	

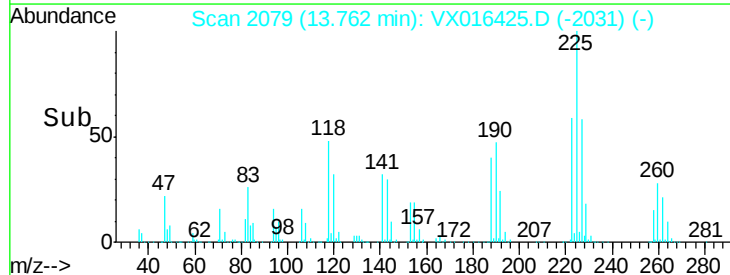
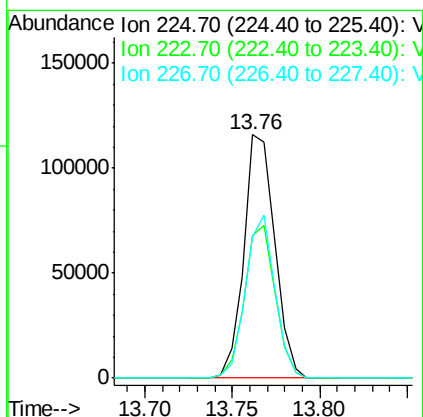
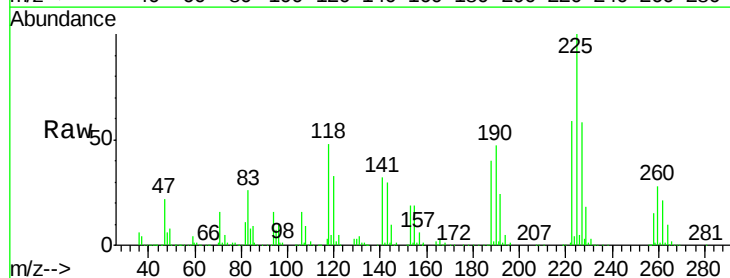
Manual Integrations
APPROVED

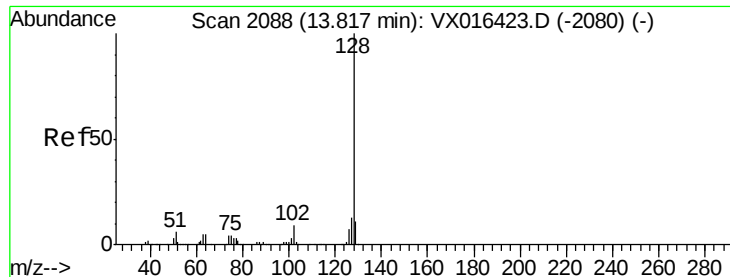
MMDadoda
5/27/2020 12:27:32 PM



#94
Hexachlorobutadiene
Concen: 99.980 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	32.6	98.0	
227	63.5	32.5	97.4	





#95

Naphthalene

Concen: 141.451 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1479152

Ion Ratio Lower Upper

128 100

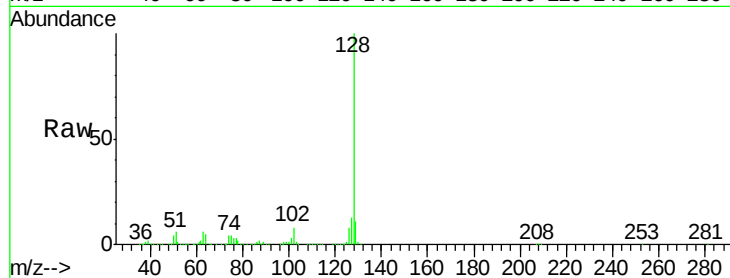
127 12.8 10.5 15.7

129 11.1 8.9 13.3

Manual Integrations
APPROVED

MMDadoda

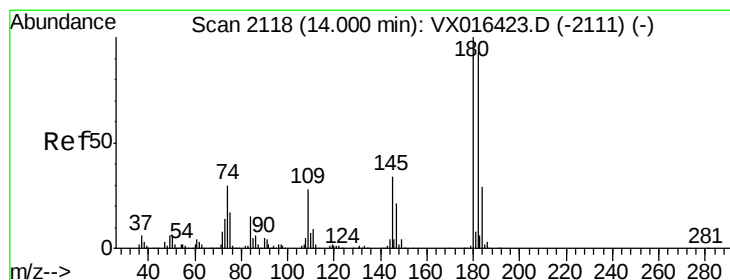
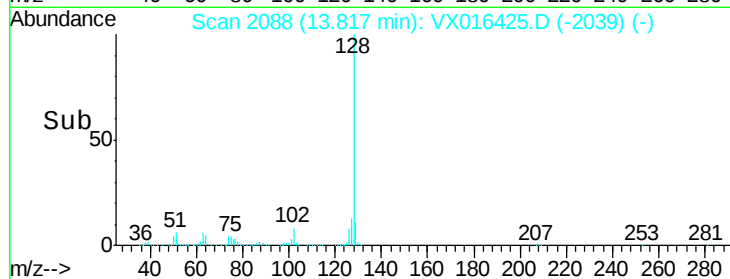
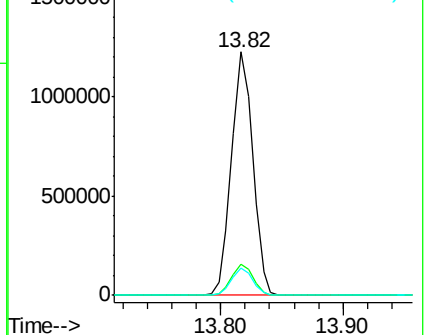
5/27/2020 12:27:32 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 126.985 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

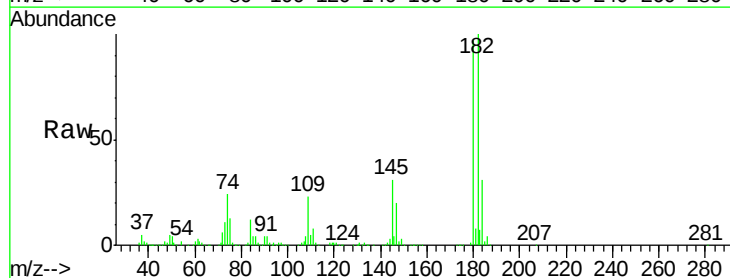
Tgt Ion:180 Resp: 394389

Ion Ratio Lower Upper

180 100

182 98.2 48.2 144.6

145 32.6 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

