

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016444.D
 Acq On : 26 May 2020 22:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:26:57 PM

Quant Time: May 27 06:37:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	141623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	241775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	237841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123099	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	96167	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
35) Dibromofluoromethane	5.47	113	77107	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	8.70	98	298936	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.12	95	113915	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	55288	48.104	ug/l	97
3) Chloromethane	1.31	50	73095	52.012	ug/l	99
4) Vinyl Chloride	1.39	62	100001	53.871	ug/l	99
5) Bromomethane	1.62	94	116495	50.370	ug/l	97
6) Chloroethane	1.70	64	72686	53.094	ug/l	96
7) Trichlorofluoromethane	1.91	101	169051	54.732	ug/l	100
8) Diethyl Ether	2.17	74	68178	54.154	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	65296	48.651	ug/l	98
10) Methyl Iodide	2.49	142	67127	44.905	ug/l	99
11) Tert butyl alcohol	3.01	59	105979	249.914	ug/l	99
12) 1,1-Dichloroethene	2.36	96	68505	49.913	ug/l	98
13) Acrolein	2.27	56	39513	181.528	ug/l	99
14) Allyl chloride	2.71	41	110713	49.378	ug/l	99
15) Acrylonitrile	3.12	53	219492	259.934	ug/l	99
16) Acetone	2.42	43	192744	263.787	ug/l	98
17) Carbon Disulfide	2.55	76	197371	48.595	ug/l	99
18) Methyl Acetate	2.75	43	92619	51.976	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	244358	51.084	ug/l	98
20) Methylene Chloride	2.84	84	79733	50.587	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	76482	49.036	ug/l	96
22) Diisopropyl ether	3.83	45	237805	52.651	ug/l	# 88
23) Vinyl Acetate	3.79	43	1059349	262.271	ug/l	99
24) 1,1-Dichloroethane	3.67	63	136726	51.037	ug/l	99
25) 2-Butanone	4.64	43	313377	263.956	ug/l	98
26) 2,2-Dichloropropane	4.54	77	107587	44.183	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	89798	50.533	ug/l	99
28) Bromochloromethane	4.98	49	63820	49.697	ug/l	98
29) Tetrahydrofuran	5.09	42	202299	262.914	ug/l	98
30) Chloroform	5.18	83	150110	53.321	ug/l	100
31) Cyclohexane	5.55	56	116811	51.376	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	136909	53.113	ug/l	100
36) 1,1-Dichloropropene	5.78	75	108160	50.462	ug/l	100
37) Ethyl Acetate	4.79	43	120673	50.944	ug/l	99
38) Carbon Tetrachloride	5.76	117	118489	51.006	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	117985	49.699	ug/l	98
40) Benzene	6.12	78	326876	51.096	ug/l	98
41) Methacrylonitrile	5.00	41	62817	49.596	ug/l	98
42) 1,2-Dichloroethane	6.17	62	117470	50.305	ug/l	100
43) Isopropyl Acetate	6.42	43	194669	51.232	ug/l	100
44) Trichloroethene	7.19	130	101369	48.341	ug/l	99
45) 1,2-Dichloropropane	7.49	63	80986	50.688	ug/l	100
46) Dibromomethane	7.64	93	59205	50.854	ug/l	97
47) Bromodichloromethane	7.88	83	121474	51.660	ug/l	98
48) Methyl methacrylate	7.74	41	90541	52.289	ug/l	98
49) 1,4-Dioxane	7.71	88	44575	1000.418	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	624864	260.208	ug/l	100
52) Toluene	8.77	92	217474	52.980	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	134876	50.401	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	136581	49.643	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	87346	52.183	ug/l	97
56) Ethyl methacrylate	9.16	69	134564	53.422	ug/l	100
57) 1,3-Dichloropropane	9.35	76	146821	52.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	335931	250.032	ug/l	100
59) 2-Hexanone	9.48	43	493836	267.071	ug/l	100
60) Dibromochloromethane	9.57	129	103608	53.828	ug/l	99
61) 1,2-Dibromoethane	9.65	107	97654	53.162	ug/l	98
64) Tetrachloroethene	9.32	164	116102	46.857	ug/l	97
65) Chlorobenzene	10.12	112	239109	50.963	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	91315	50.123	ug/l	99
67) Ethyl Benzene	10.24	91	413177	50.574	ug/l	99
68) m/p-Xylenes	10.34	106	328370	102.784	ug/l	99
69) o-Xylene	10.68	106	156702	51.615	ug/l	99
70) Styrene	10.70	104	267900	52.270	ug/l	100
71) Bromoform	10.84	173	78033	51.884	ug/l #	100
73) Isopropylbenzene	11.00	105	407334	49.012	ug/l	100
74) N-amyl acetate	10.88	43	168206	47.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	112539	53.606	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	124382m	48.683	ug/l	
77) Bromobenzene	11.24	156	107311	49.866	ug/l	99
78) n-propylbenzene	11.34	91	456360	48.567	ug/l	100
79) 2-Chlorotoluene	11.40	91	270208	48.338	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	337586	48.586	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	48450	45.602	ug/l	99
82) 4-Chlorotoluene	11.49	91	325090	48.355	ug/l	99
83) tert-Butylbenzene	11.76	119	297001	49.987	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	346235	49.445	ug/l	100
85) sec-Butylbenzene	11.93	105	372301	49.461	ug/l	100
86) p-Isopropyltoluene	12.05	119	347424	49.404	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	186953	48.937	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	192357	49.742	ug/l	98
89) n-Butylbenzene	12.37	91	287912	47.191	ug/l	99
90) Hexachloroethane	12.58	117	62509	49.049	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	187483	49.802	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31928	49.148	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	110926	47.340	ug/l	96
94) Hexachlorobutadiene	13.77	225	35998	42.604	ug/l	98
95) Naphthalene	13.82	128	416517	49.608	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	110168	48.645	ug/l	98

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

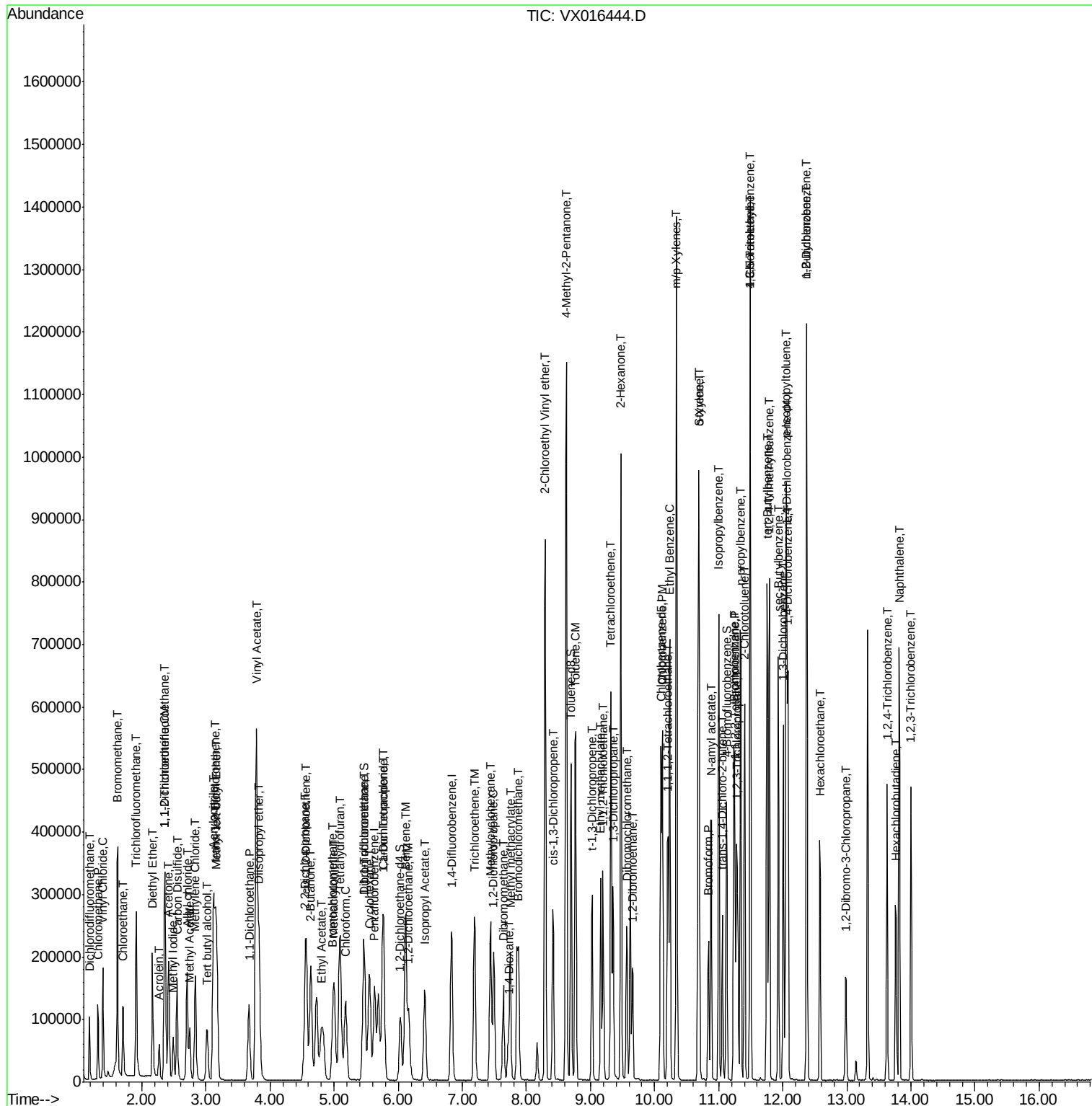
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Data File : VX016444.D
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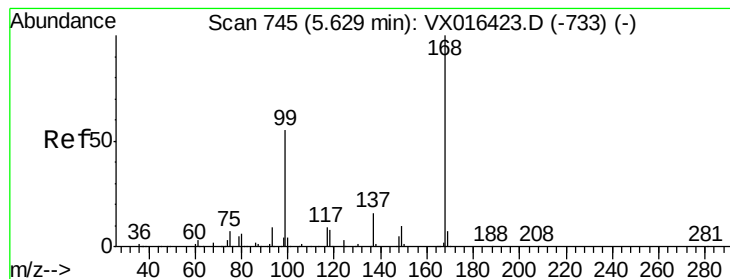
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 141623

Ion Ratio Lower Upper

168 100

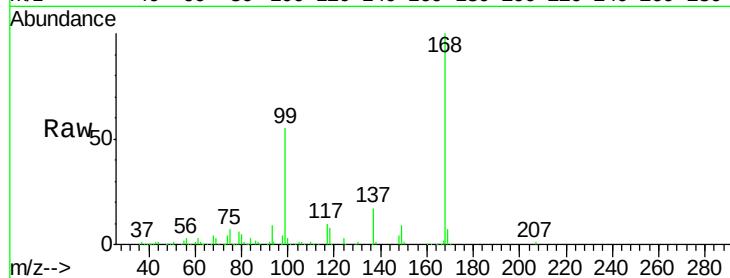
99 54.4 44.4 66.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

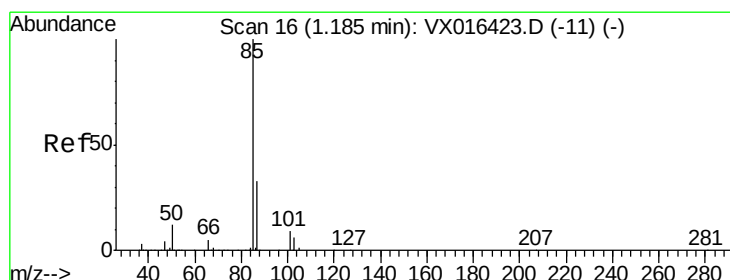
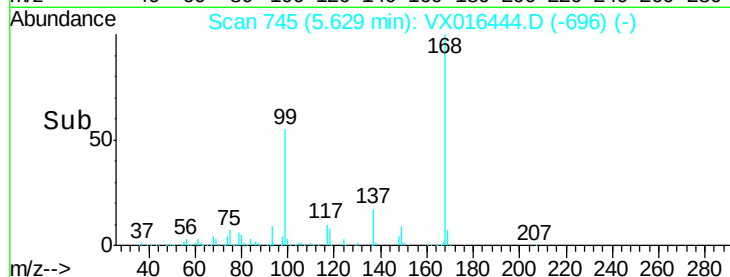
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.104 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016444.D

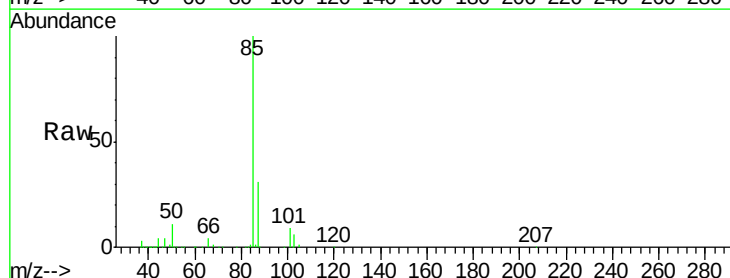
Acq: 26 May 2020 22:37

Tgt Ion: 85 Resp: 55288

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

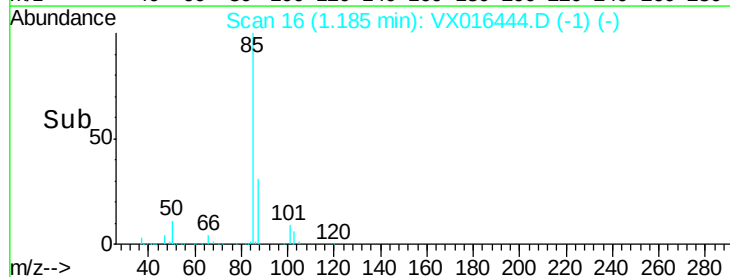
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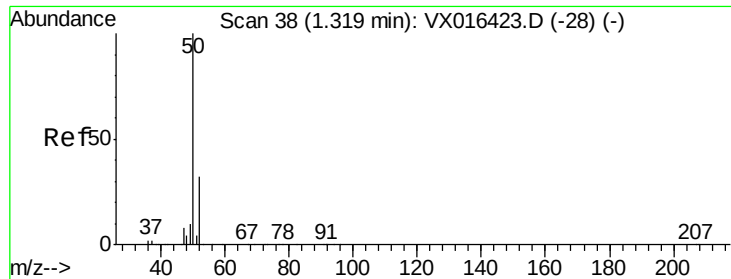
40000

20000

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Time-->





#3

Chloromethane

Concen: 52.012 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 73095

Ion Ratio Lower Upper

50 100

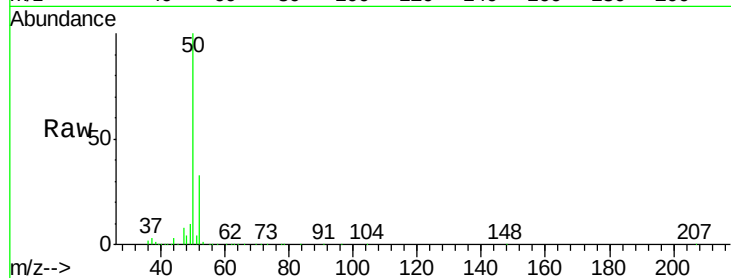
52 32.8 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

80000

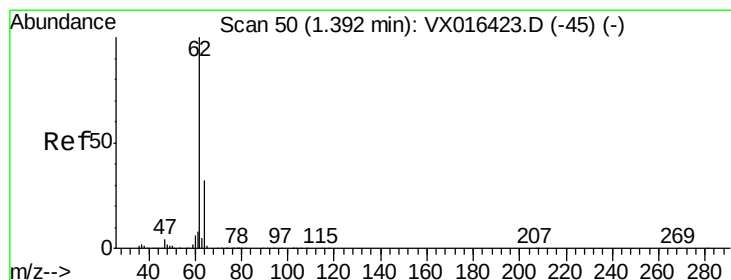
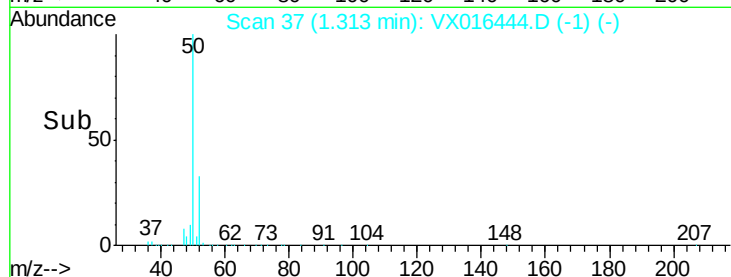
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 53.871 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016444.D

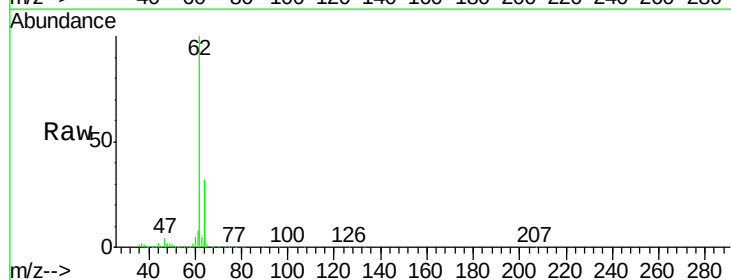
Acq: 26 May 2020 22:37

Tgt Ion: 62 Resp: 100001

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

120000

100000

80000

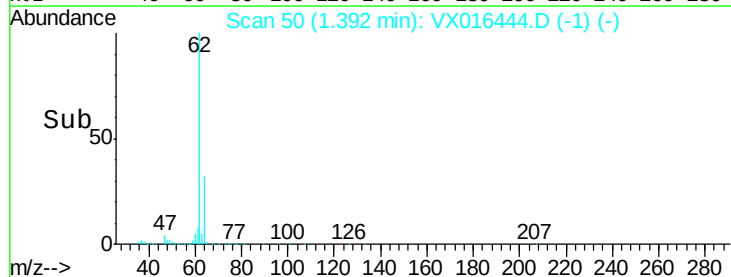
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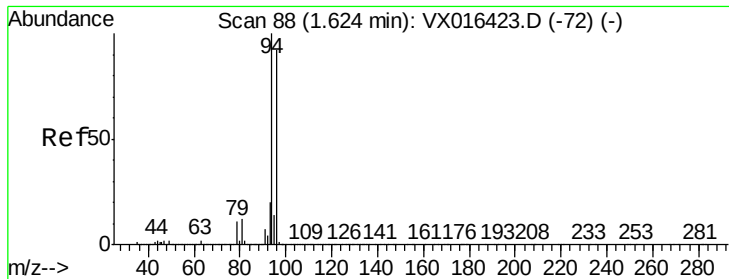
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20000

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Time-->





#5

Bromomethane

Concen: 50.370 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 116495

Ion Ratio Lower Upper

94 100

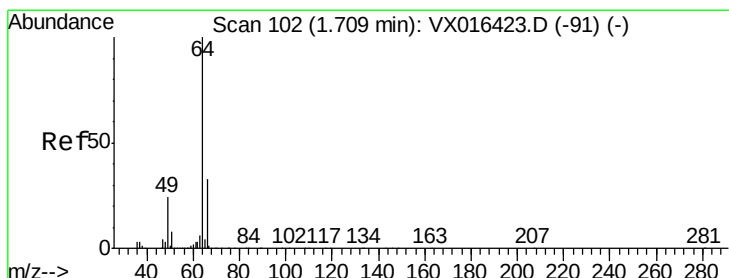
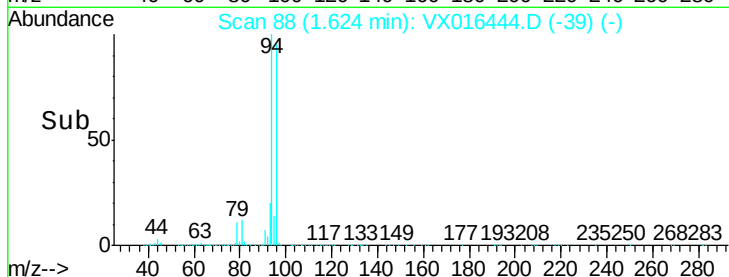
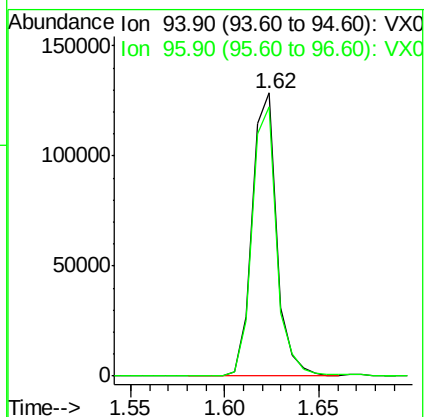
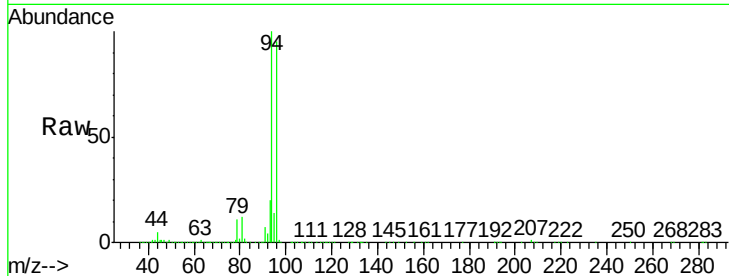
96 95.3 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 53.094 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016444.D

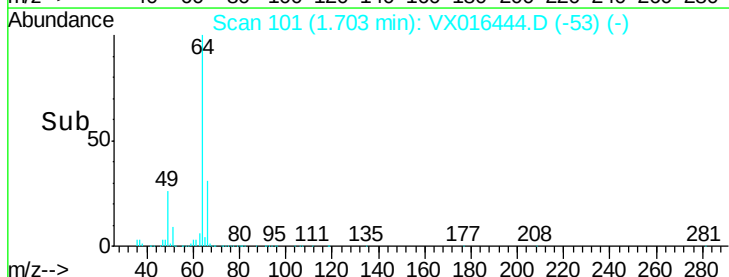
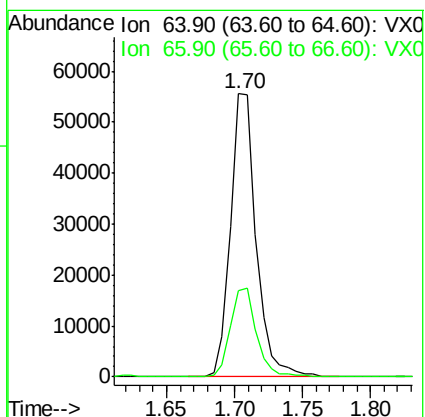
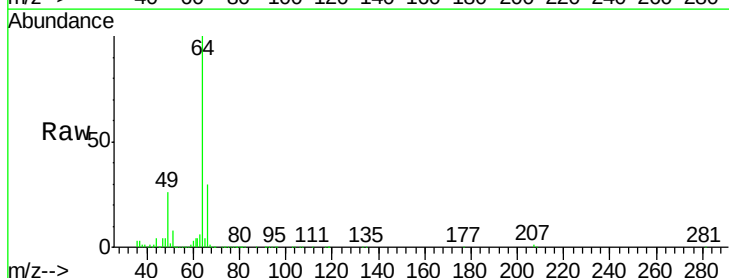
Acq: 26 May 2020 22:37

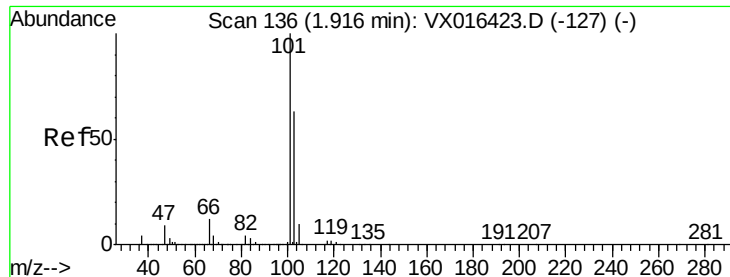
Tgt Ion: 64 Resp: 72686

Ion Ratio Lower Upper

64 100

66 30.1 26.0 39.0





#7

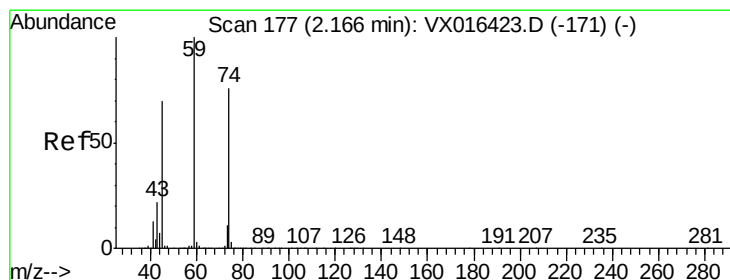
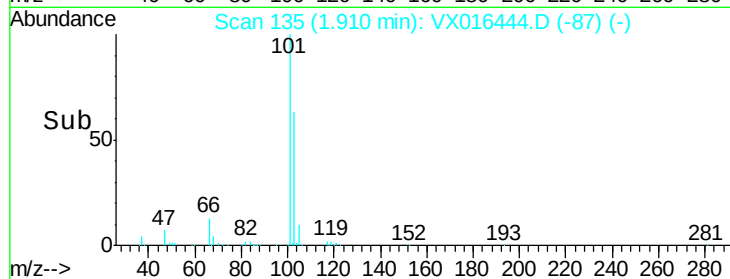
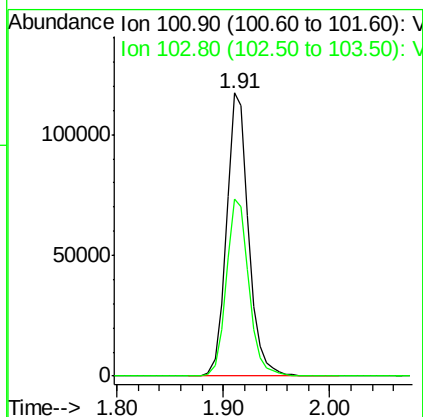
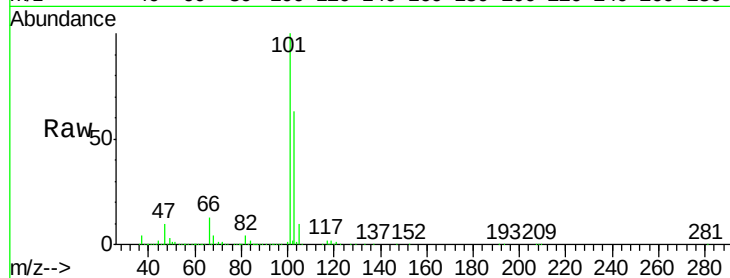
Trichlorofluoromethane
Concen: 54.732 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	50.1	75.1

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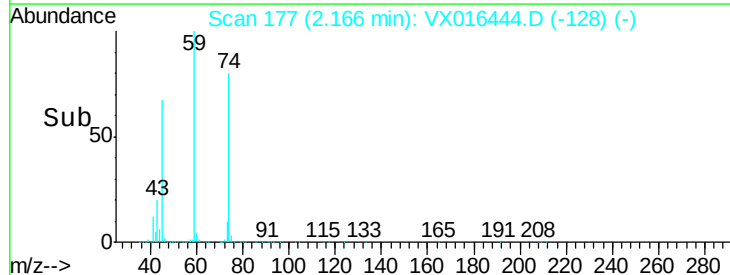
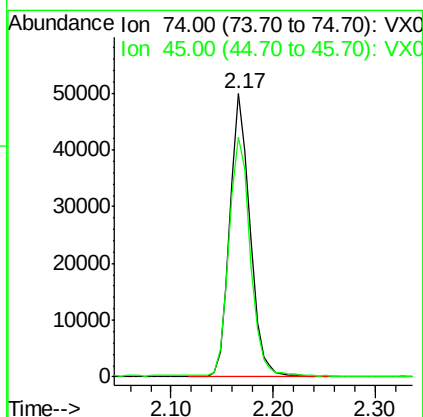
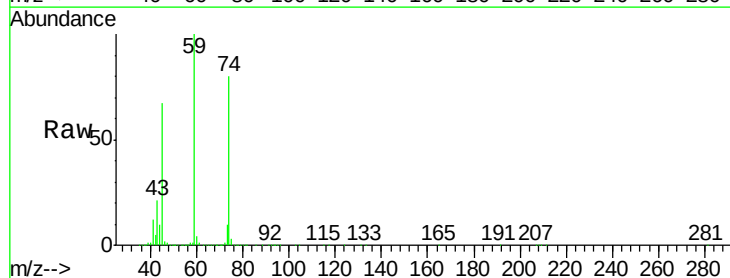
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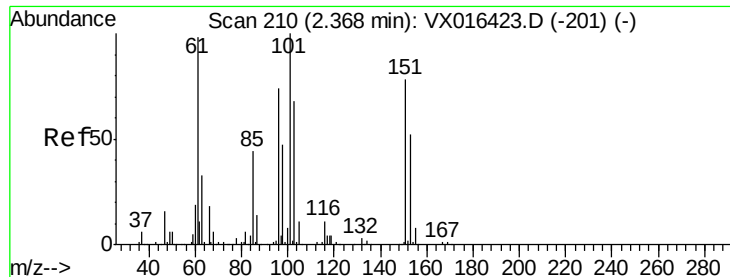


#8

Diethyl Ether
Concen: 54.154 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.651 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

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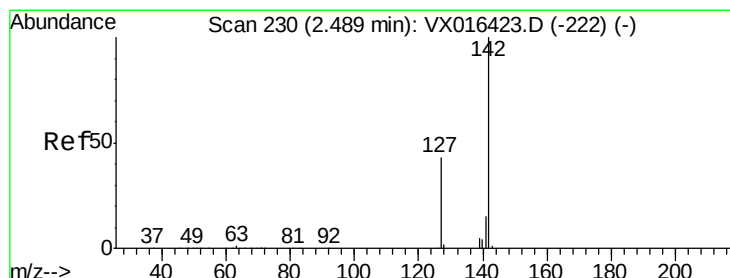
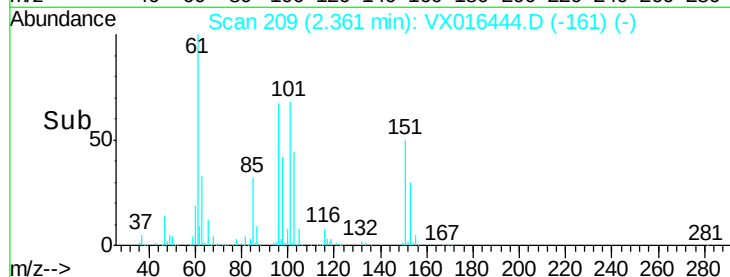
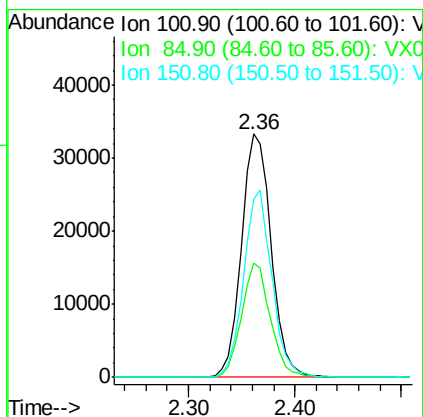
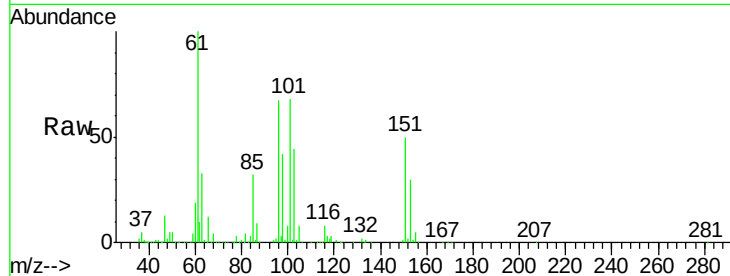
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	65296
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.2	54.4
151	73.2	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 44.905 ug/l

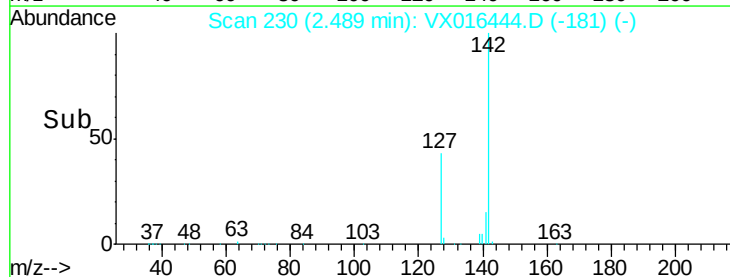
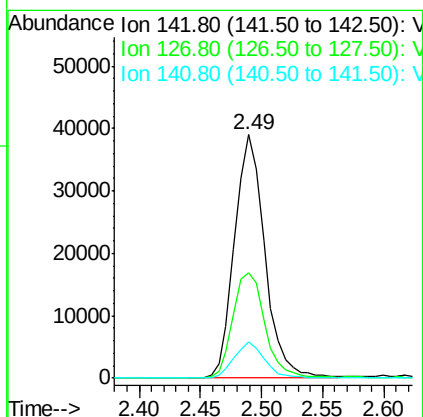
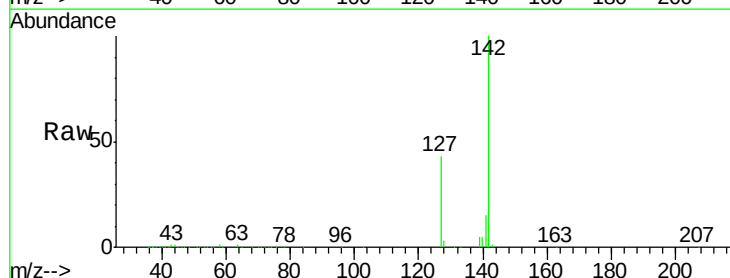
RT: 2.49 min Scan# 230

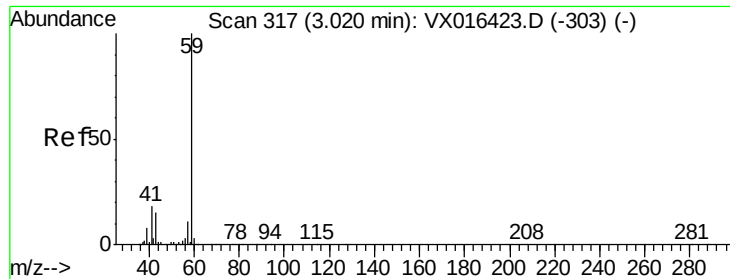
Delta R.T. 0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion:	142	Resp:	67127
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.2	54.4
141	14.8	12.2	18.2





#11

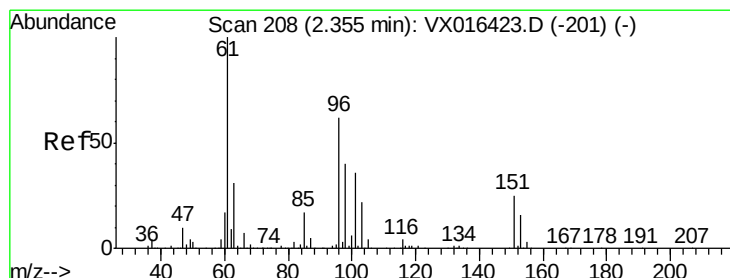
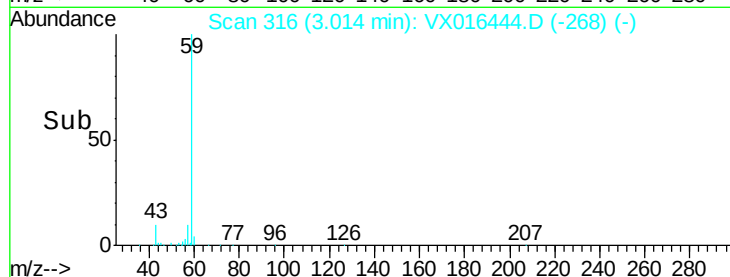
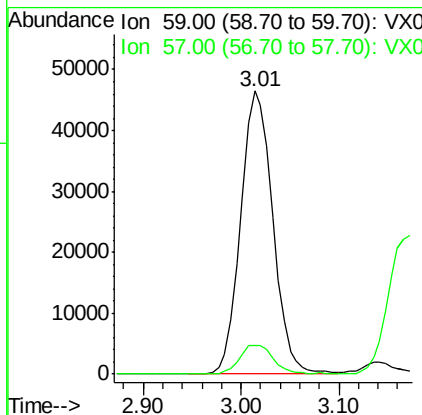
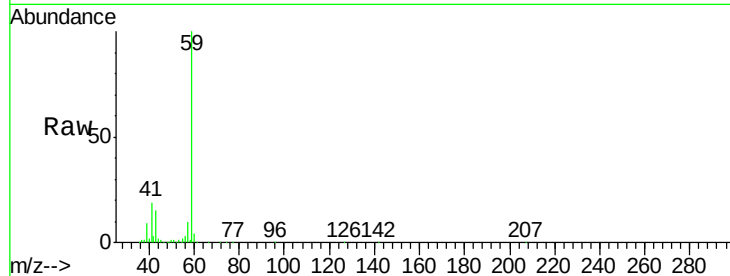
Tert butyl alcohol
Concen: 249.914 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.5	12.7

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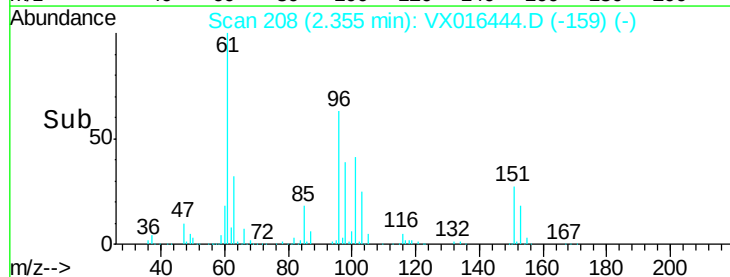
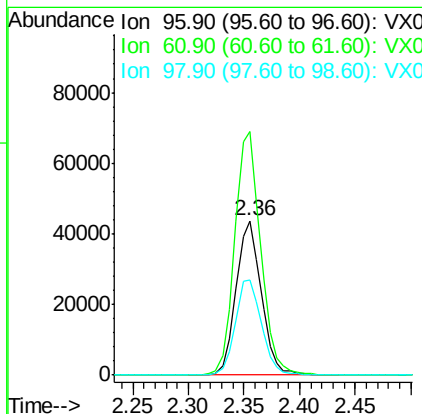
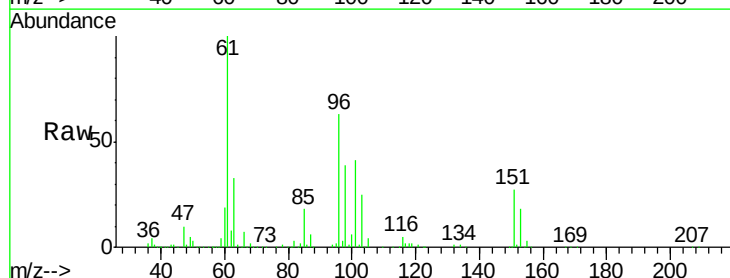
MMDadoda
5/27/2020 12:26:57 PM

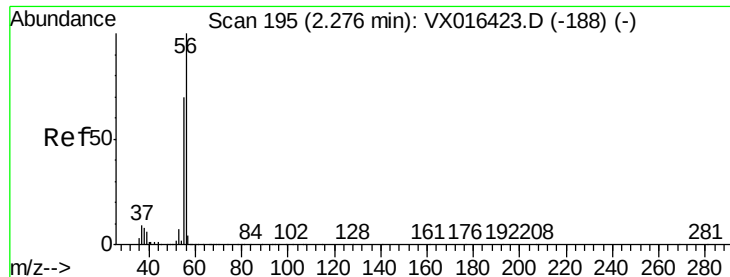


#12

1,1-Dichloroethene
Concen: 49.913 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	128.2	192.4
98	62.0	50.8	76.2





#13

Acrolein

Concen: 181.528 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 39513

Ion Ratio Lower Upper

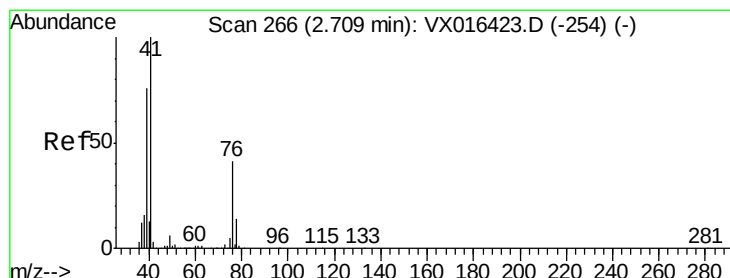
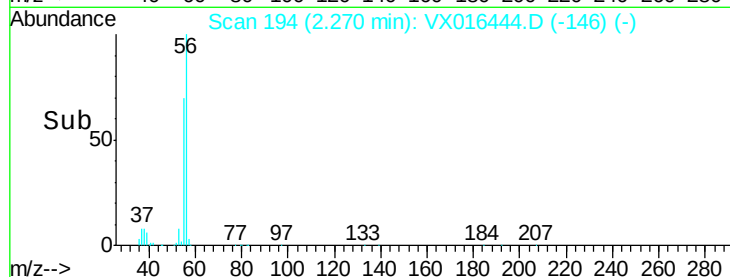
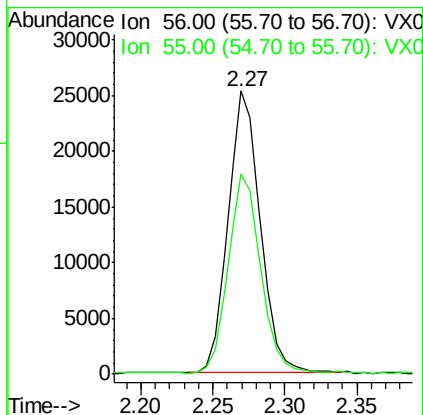
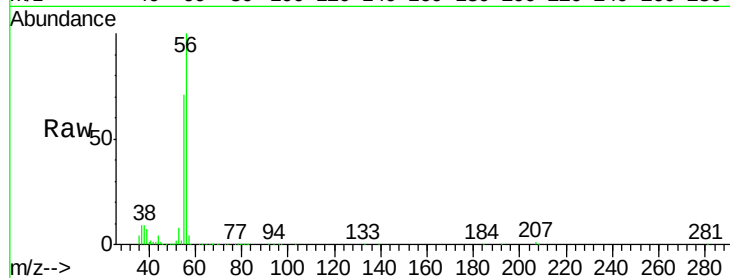
56 100

55 71.2 56.5 84.7

Manual Integrations
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#14

Allyl chloride

Concen: 49.378 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

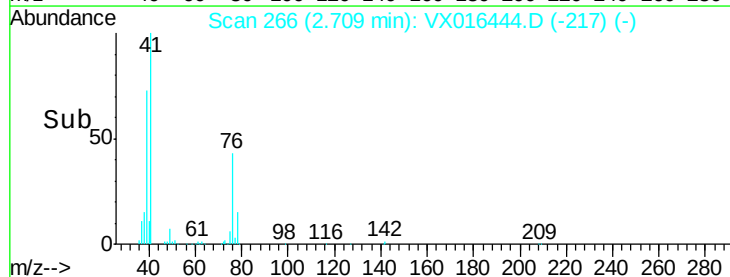
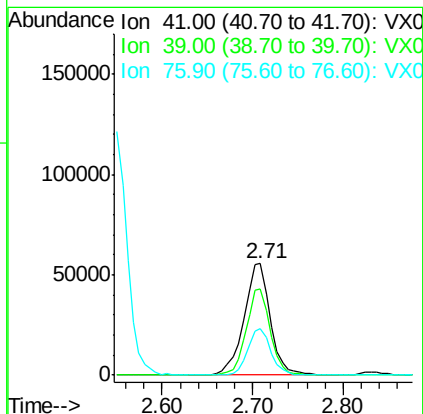
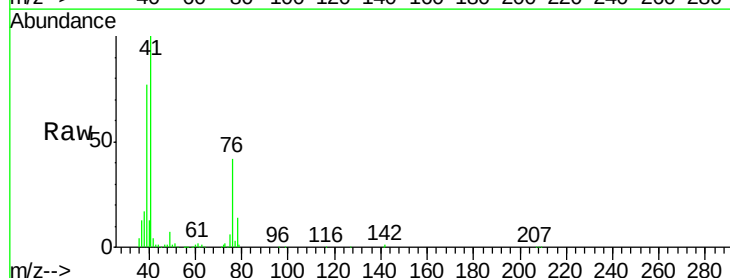
Tgt Ion: 41 Resp: 110713

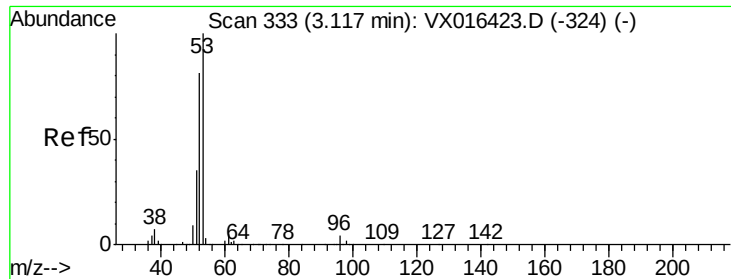
Ion Ratio Lower Upper

41 100

39 70.3 55.8 83.8

76 36.8 29.6 44.4





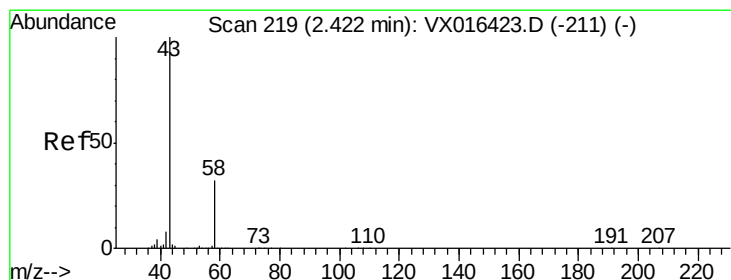
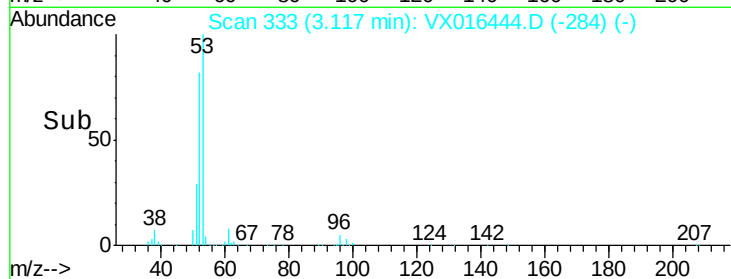
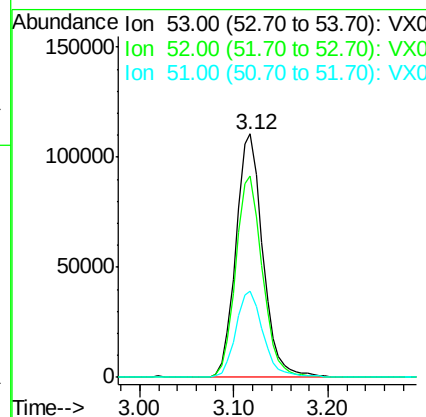
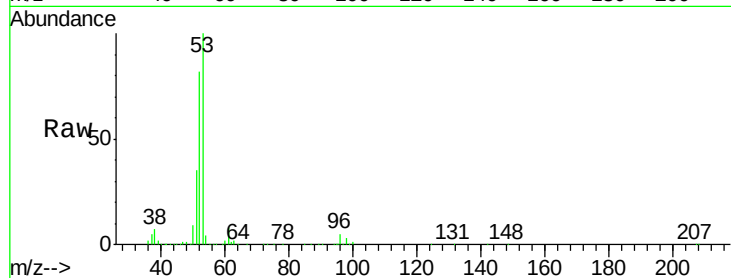
#15
 Acrylonitrile
 Concen: 259.934 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.4	98.2
51	36.1	28.4	42.6

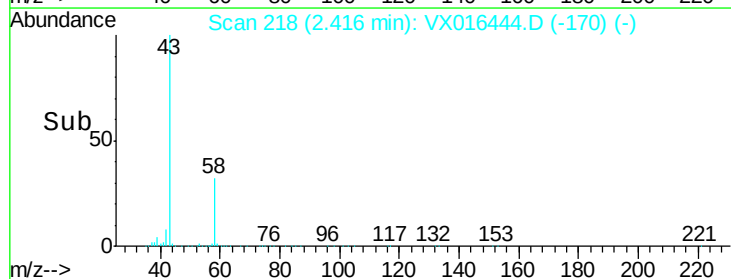
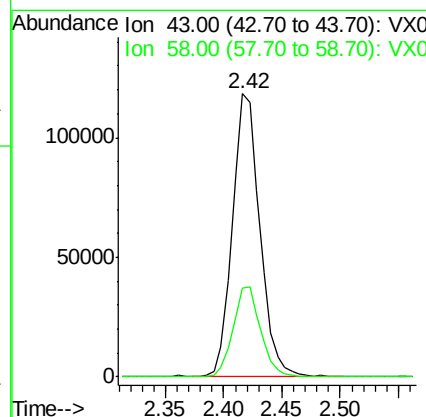
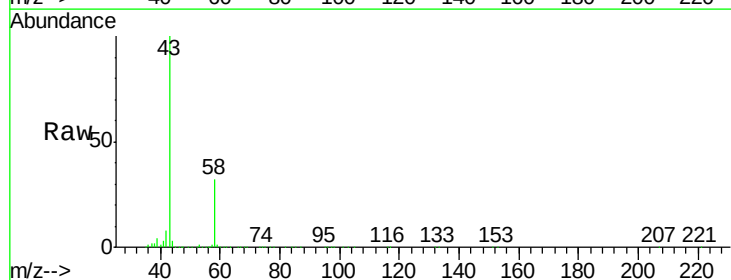
Manual Integrations
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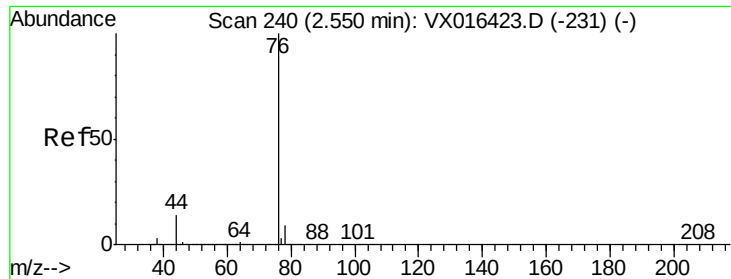
MMDadoda
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#16
 Acetone
 Concen: 263.787 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	26.0	39.0





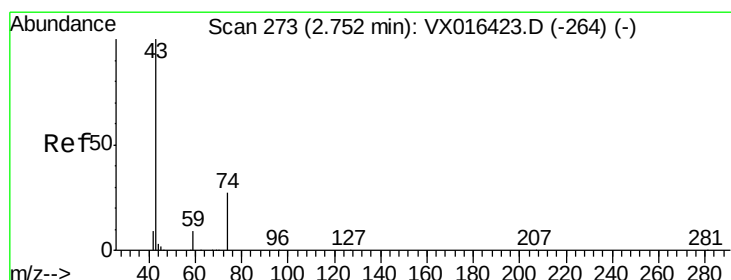
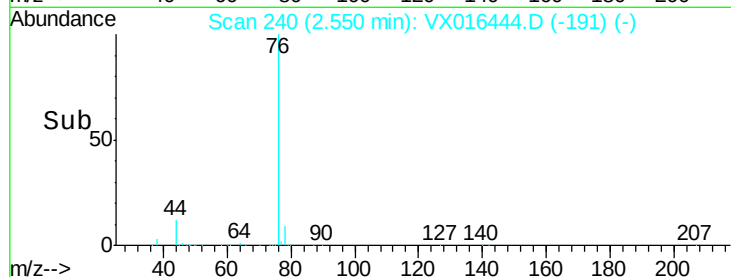
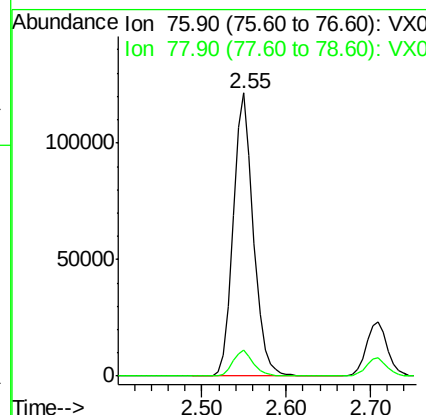
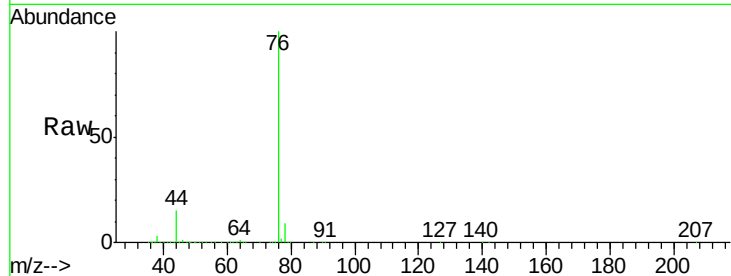
#17
Carbon Disulfide
Concen: 48.595 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

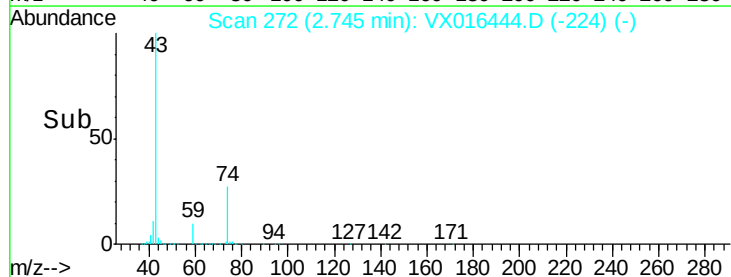
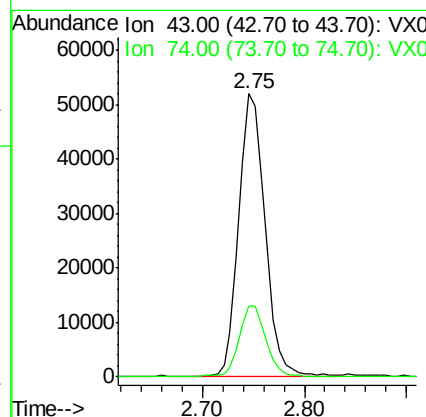
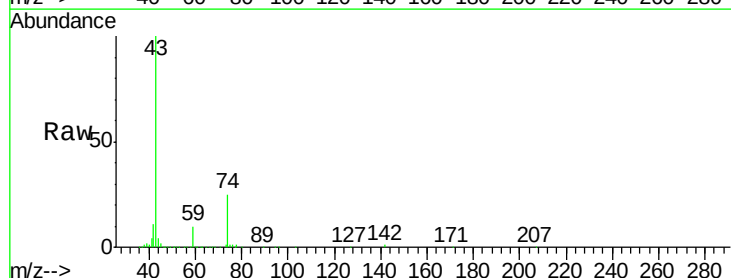
Manual Integrations
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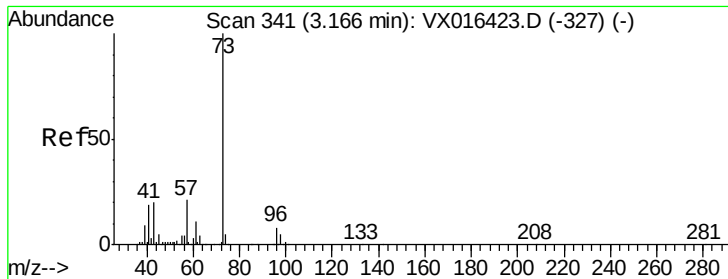
MMDadoda
5/27/2020 12:26:57 PM



#18
Methyl Acetate
Concen: 51.976 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.3	31.9





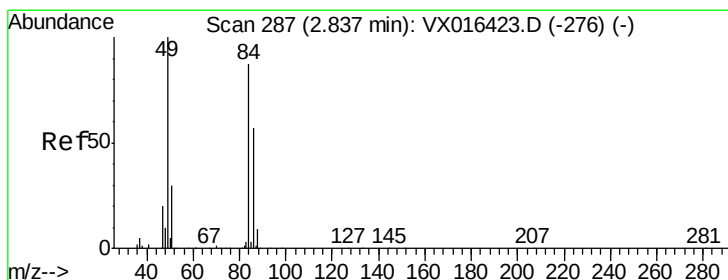
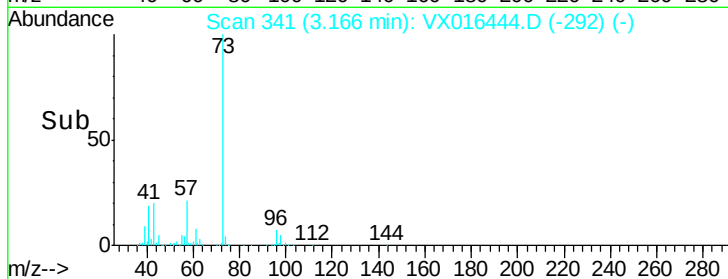
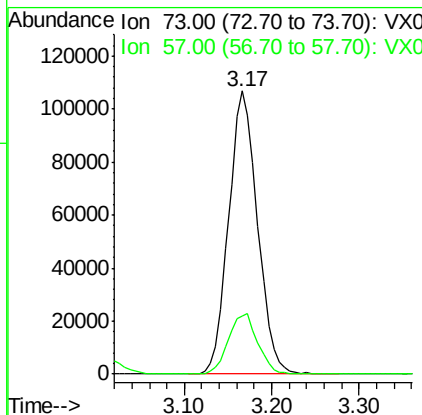
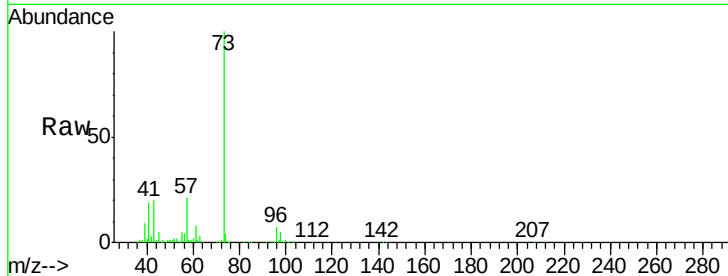
#19
Methvl tert-butyl Ether
Concen: 51.084 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	73	Resp	244358
Ion Ratio	100	Lower	Upper
73	100	17.3	25.9
57	20.7		

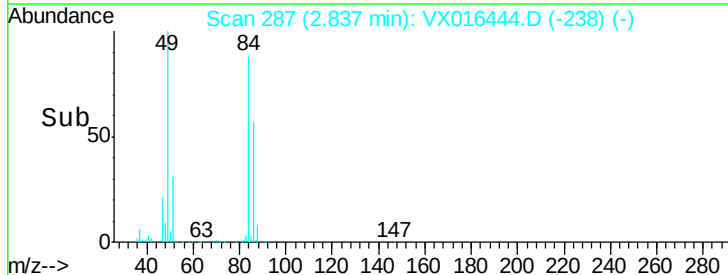
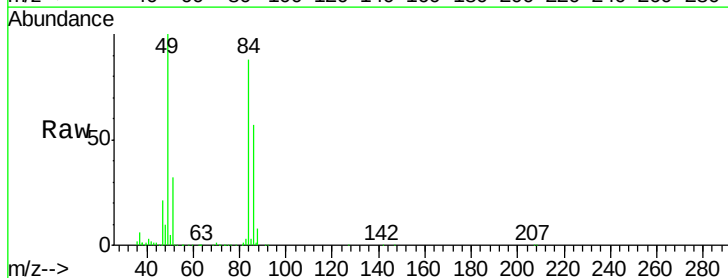
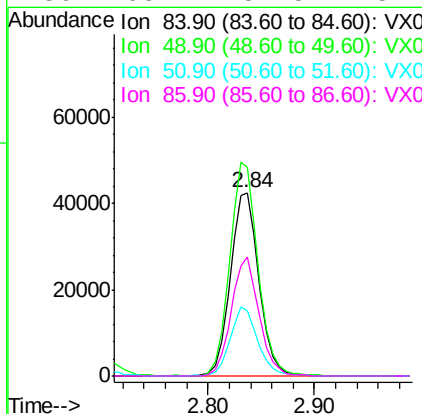
Manual Integrations
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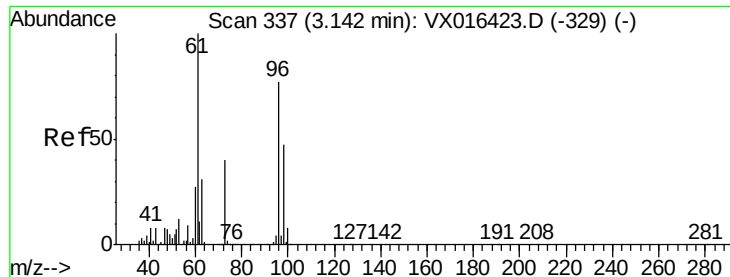
MMDadoda
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#20
Methylene Chloride
Concen: 50.587 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	84	Resp	79733
Ion Ratio	100	Lower	Upper
84	100	92.2	138.4
49	114.1	27.8	41.8
51	35.9	52.5	78.7
86	65.1		





#21

trans-1,2-Dichloroethene

Concen: 49.036 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

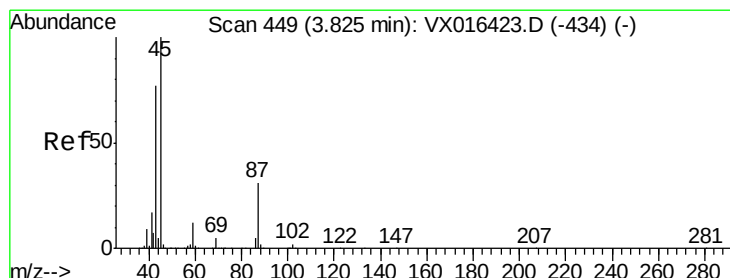
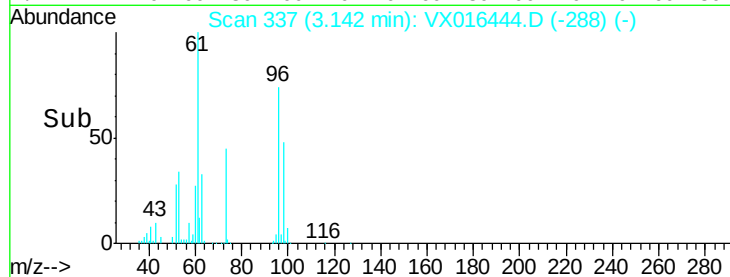
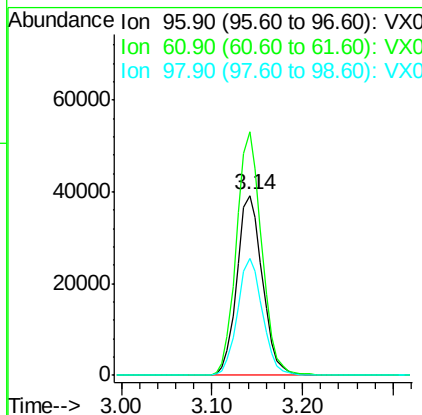
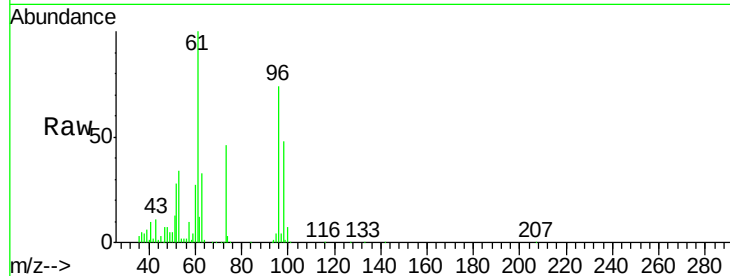
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	76482
Ion	Ratio	Lower	Upper
96	100		
61	135.1	104.3	156.5
98	64.8	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.651 ug/l

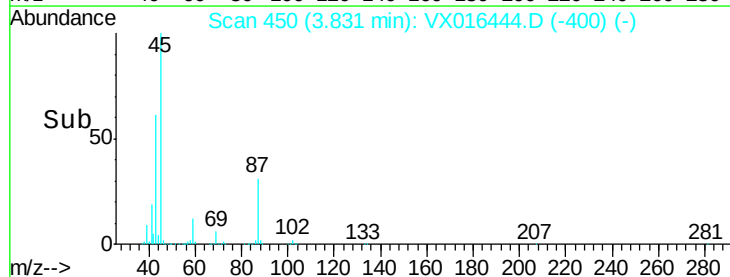
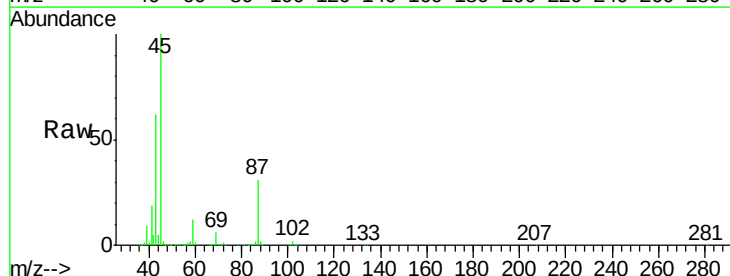
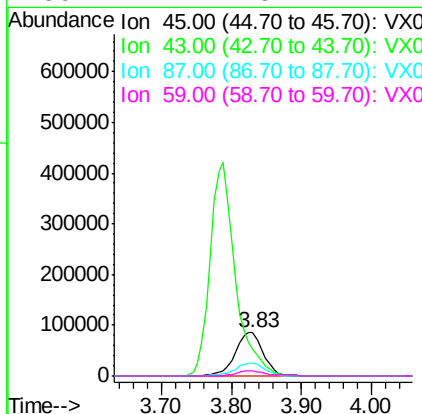
RT: 3.83 min Scan# 450

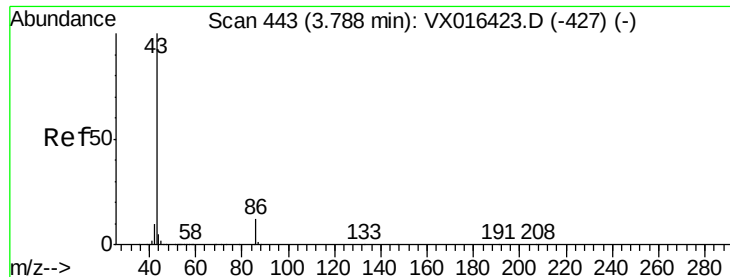
Delta R.T. 0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion:	45	Resp:	237805
Ion	Ratio	Lower	Upper
45	100		
43	61.2	61.4	92.2#
87	30.6	24.4	36.6
59	11.7	9.4	14.2





#23

Vinyl Acetate

Concen: 262.271 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1059349

Ion Ratio Lower Upper

43 100

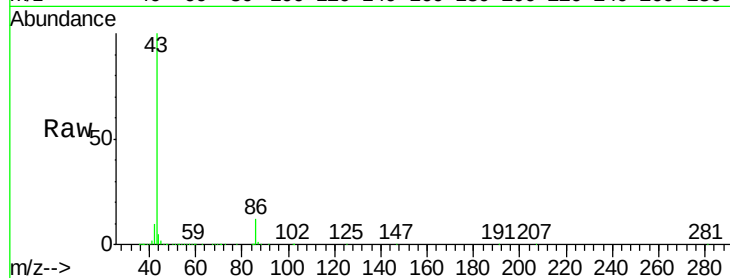
86 12.0 9.8 14.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

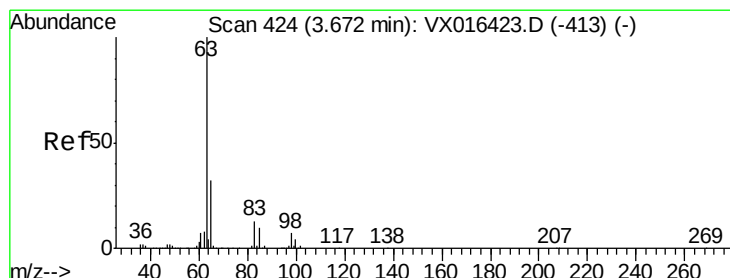
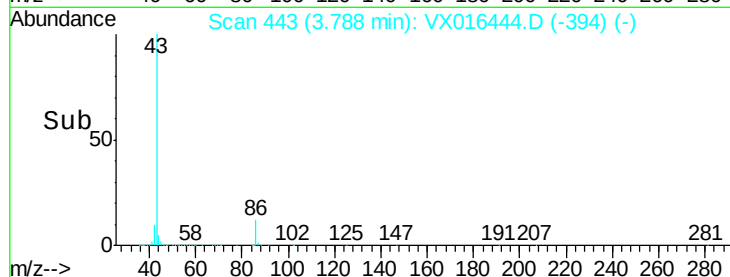
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 51.037 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

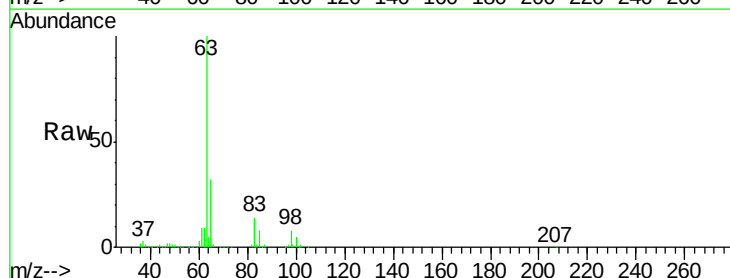
Tgt Ion: 63 Resp: 136726

Ion Ratio Lower Upper

63 100

98 7.6 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

3.67

80000

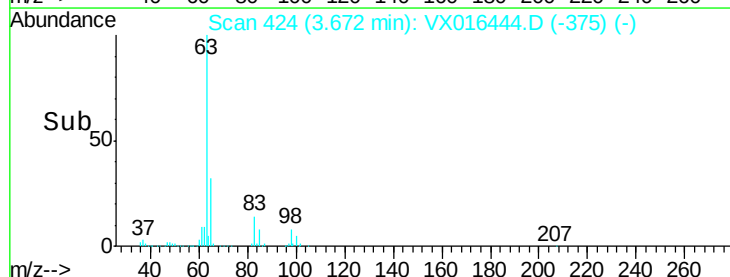
60000

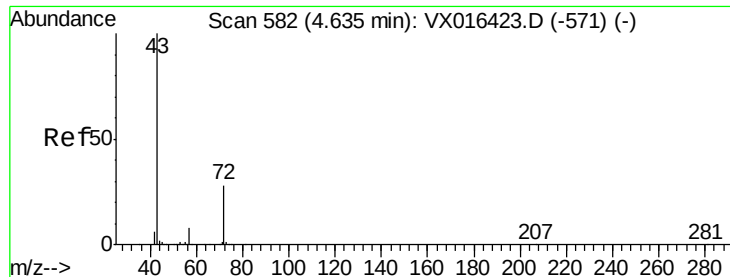
40000

20000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 263.956 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 313377

Ion Ratio Lower Upper

43 100

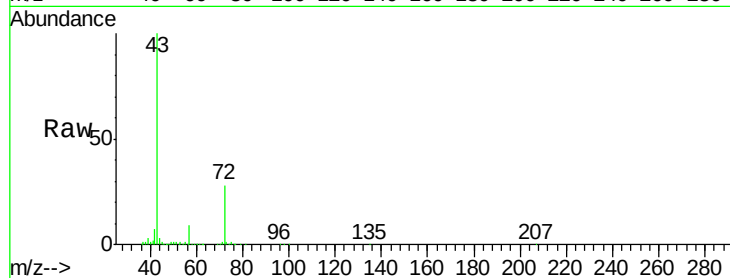
72 27.5 22.7 34.1

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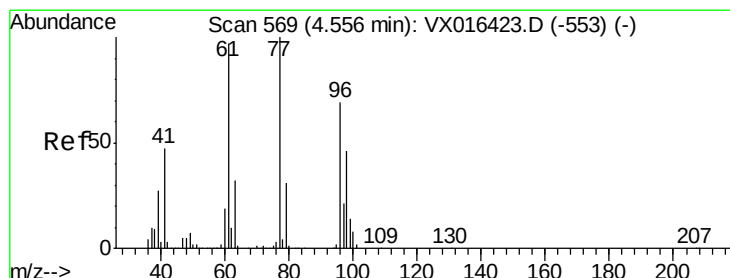
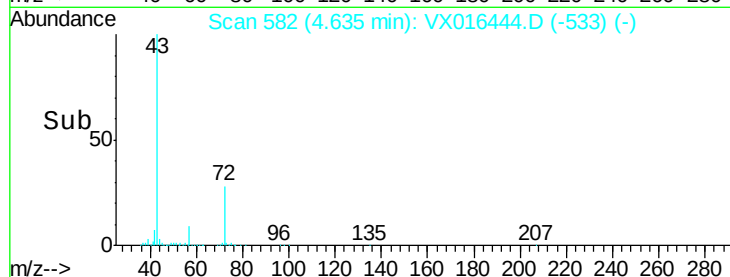
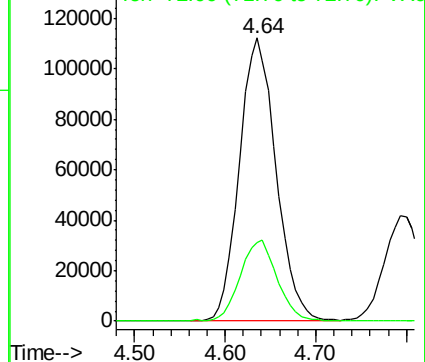
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.183 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016444.D

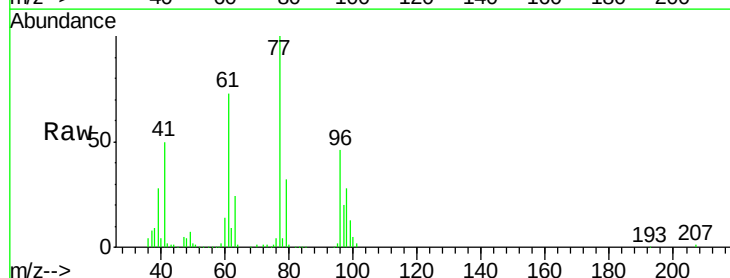
Acq: 26 May 2020 22:37

Tgt Ion: 77 Resp: 107587

Ion Ratio Lower Upper

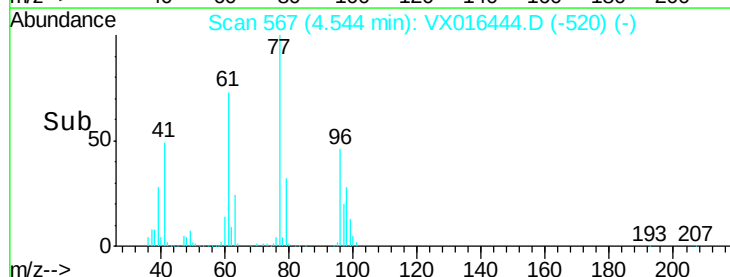
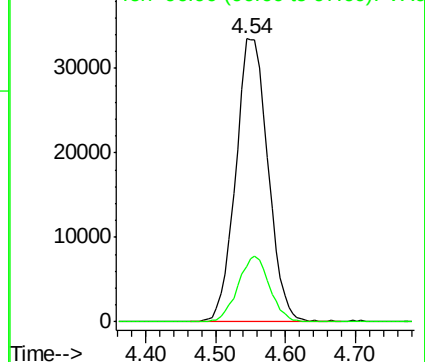
77 100

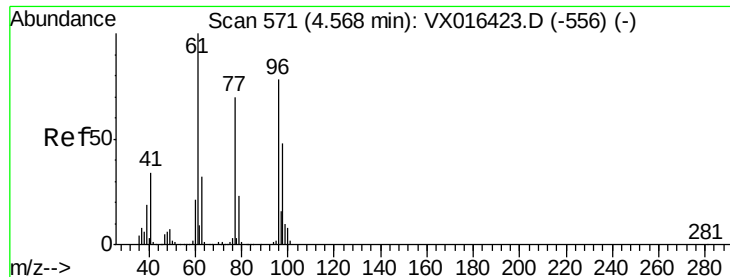
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

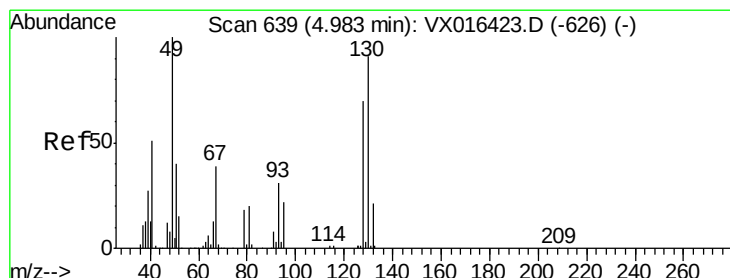
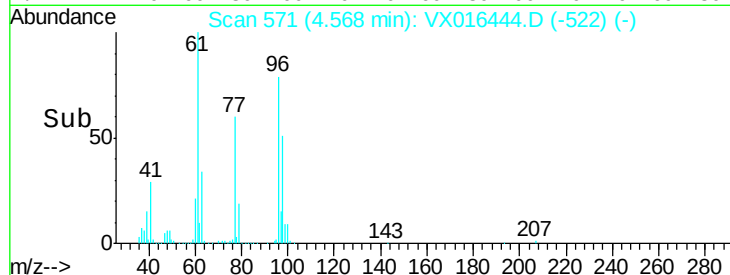
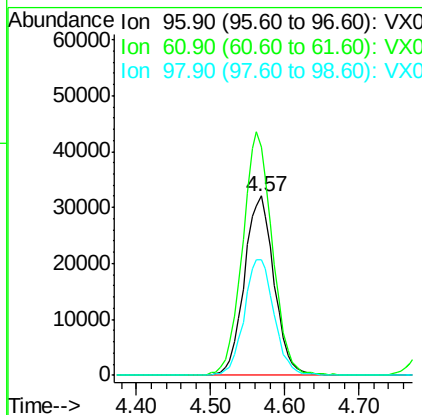
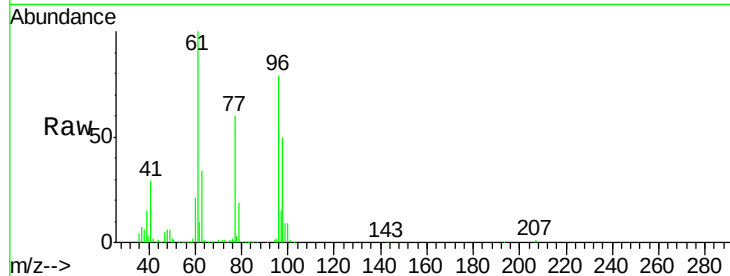
cis-1,2-Dichloroethene
Concen: 50.533 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	271.0
98	64.8	0.0	127.6

Manual Integrations
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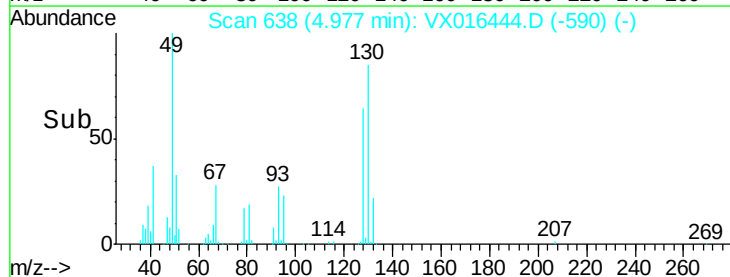
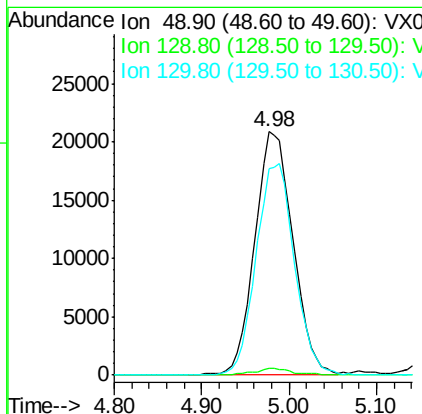
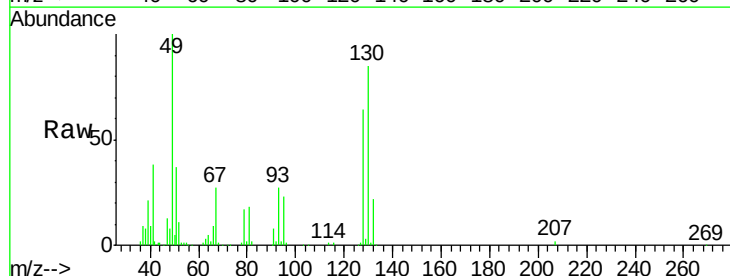
MMDadoda
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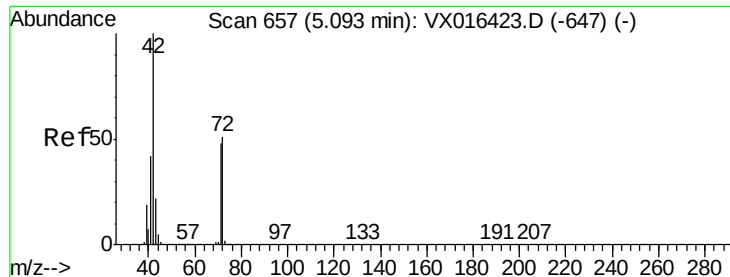


#28

Bromochloromethane
Concen: 49.697 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	87.0	71.2	106.8





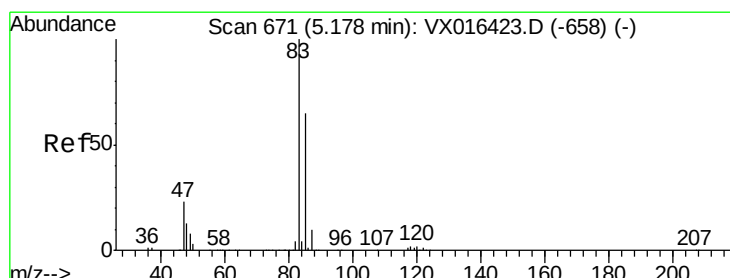
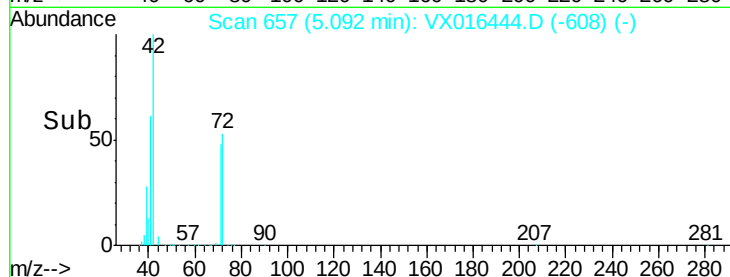
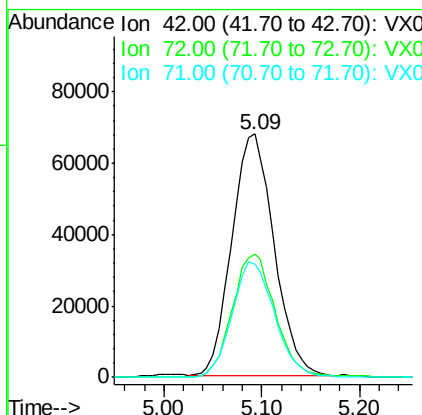
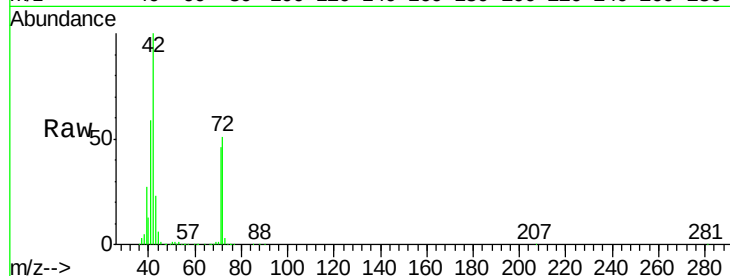
#29
Tetrahydrofuran
Concen: 262.914 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	202299
Ion	Ratio	Lower	Upper
42	100		
72	52.1	40.2	60.4
71	48.6	37.7	56.5

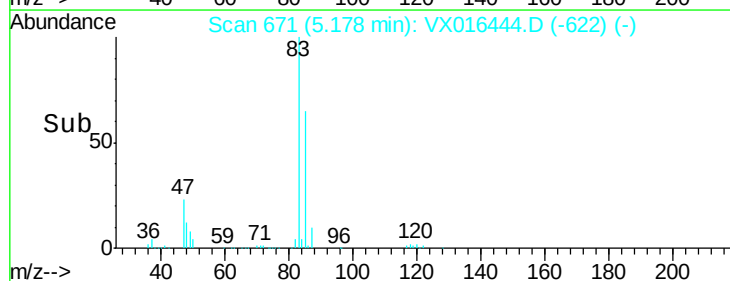
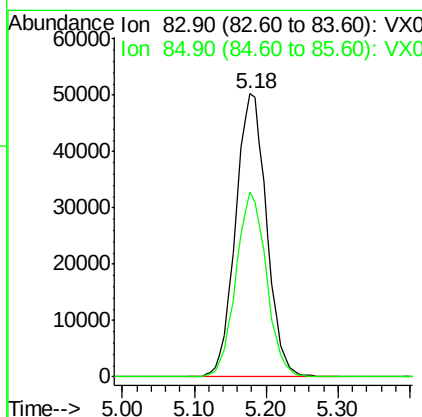
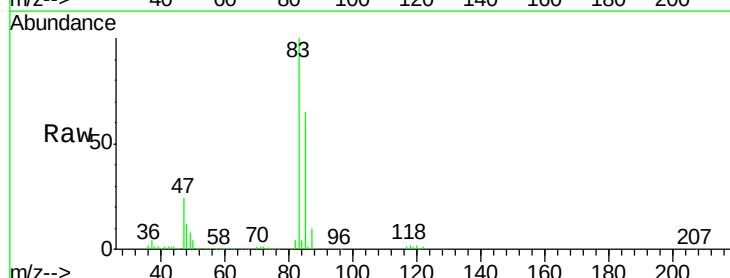
Manual Integrations
APPROVED

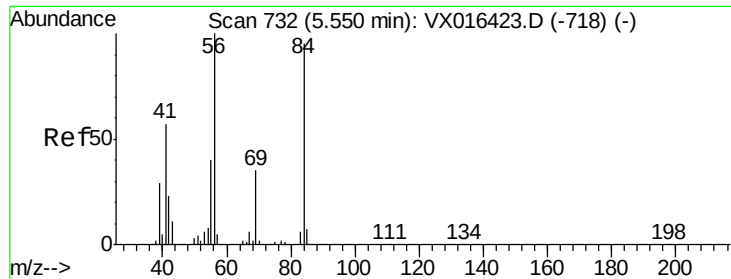
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#30
Chloroform
Concen: 53.321 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion:	83	Resp:	150110
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.1	78.1





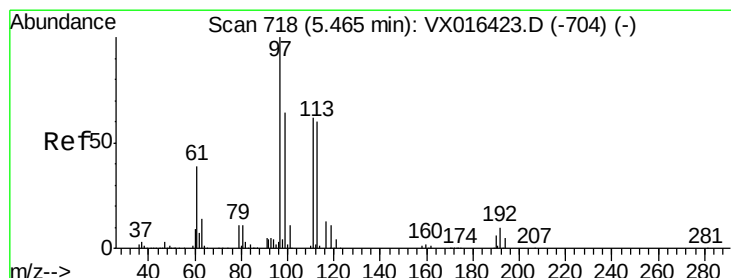
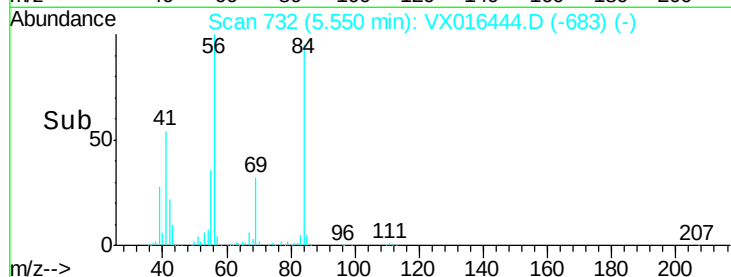
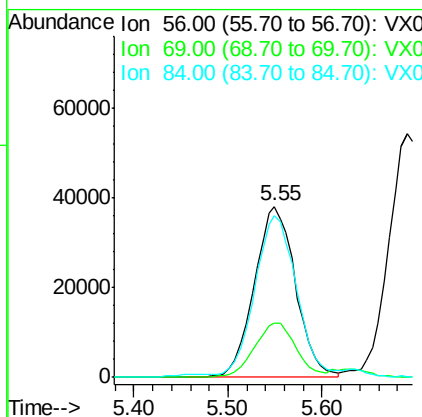
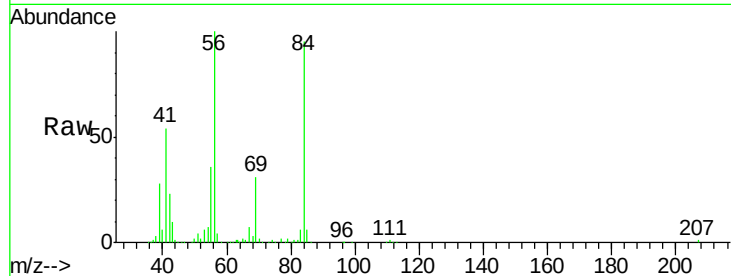
#31
Cyclohexane
Concen: 51.376 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	27.7	41.5
84	92.7	76.1	114.1

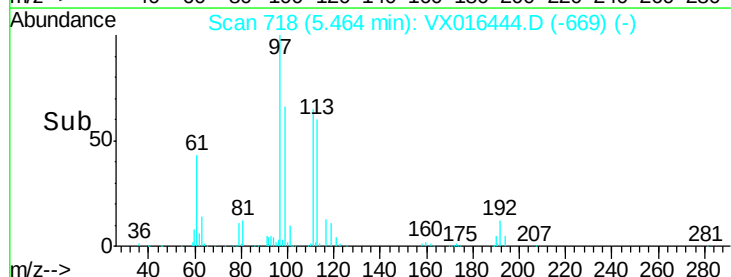
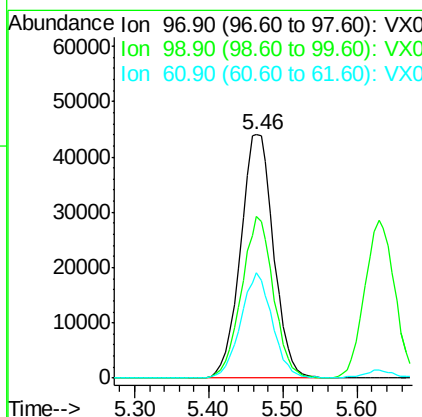
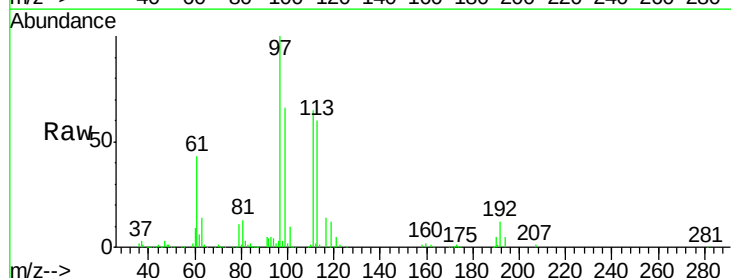
Manual Integrations
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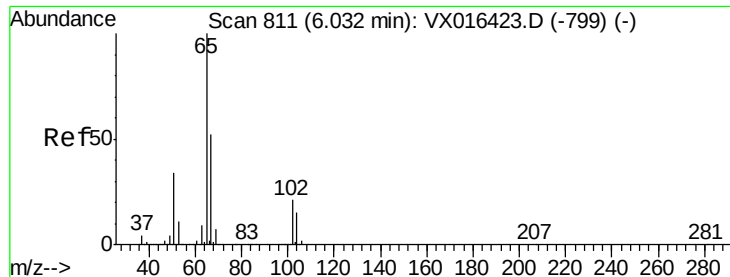
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#32
1,1,1-Trichloroethane
Concen: 53.113 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.1	76.7
61	41.5	33.1	49.7





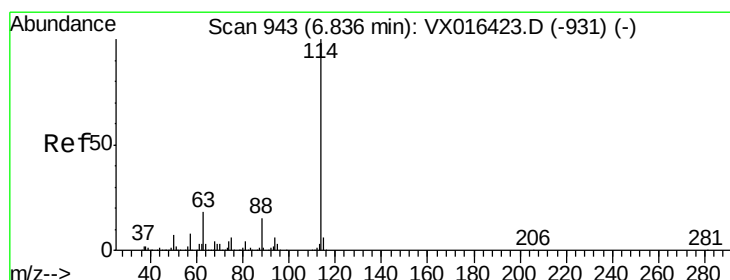
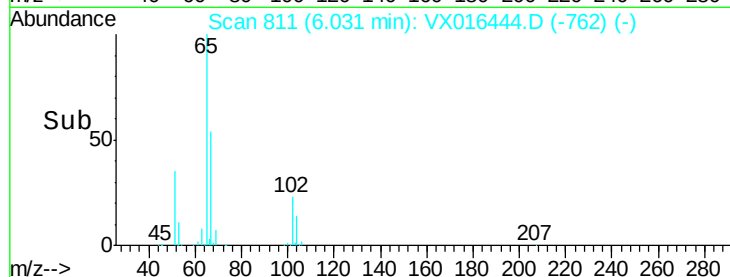
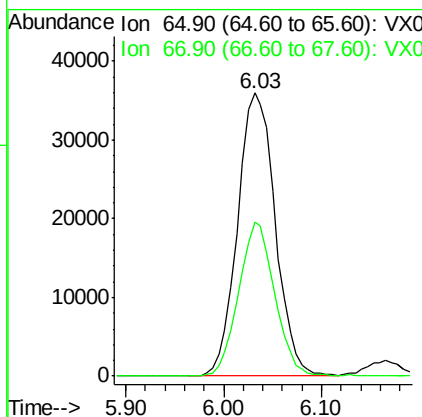
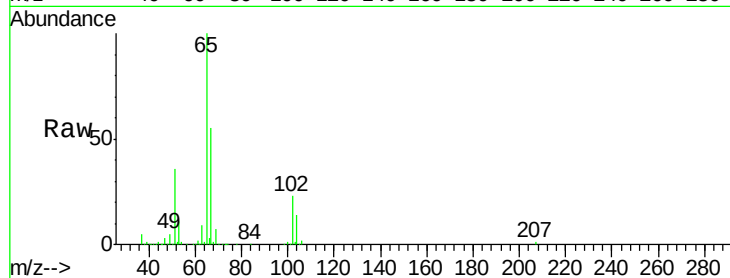
#33
 1,2-Dichloroethane-d4
 Concen: 52.423 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.2

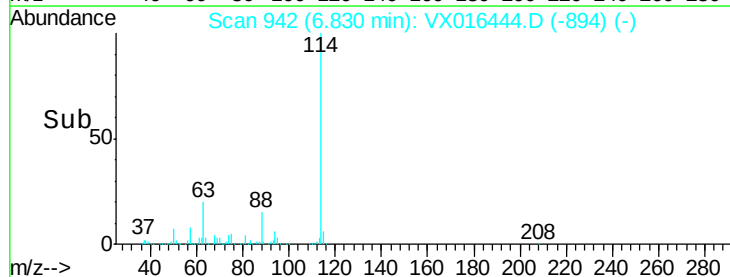
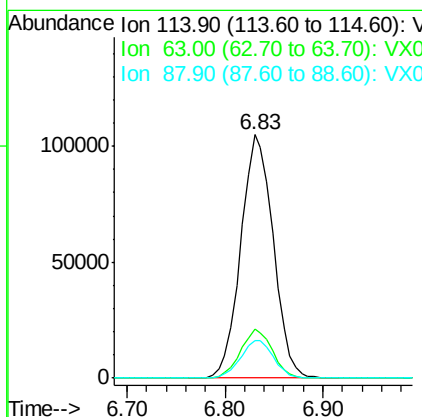
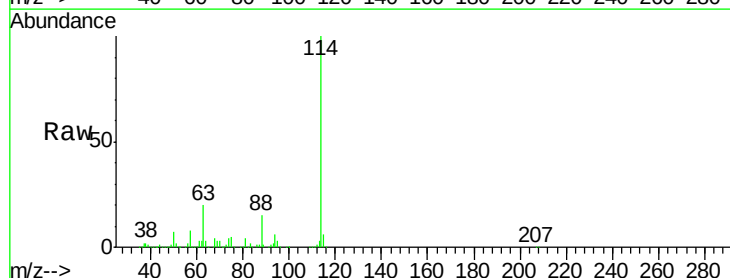
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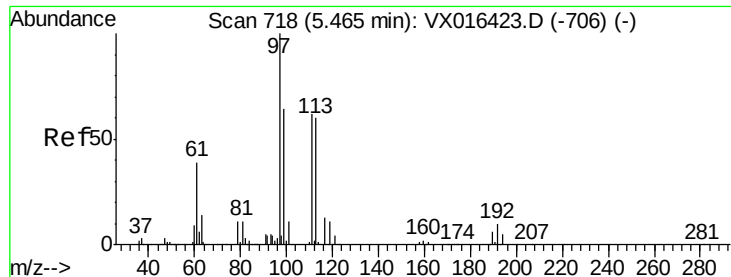
MMDadoda
 5/27/2020 12:26:57 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	36.4
88	15.4	0.0	29.2





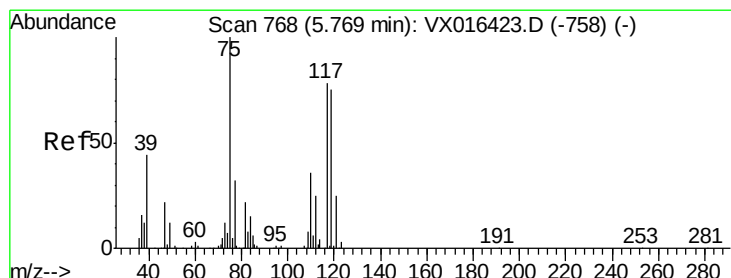
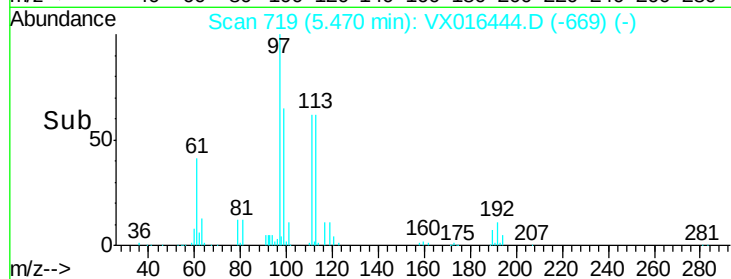
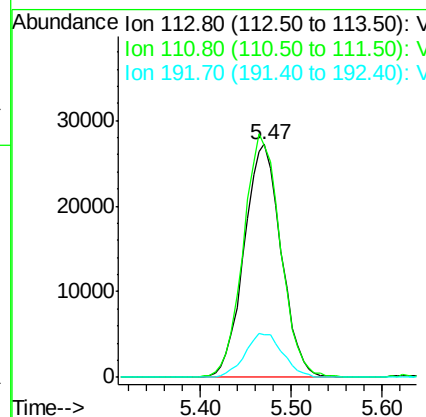
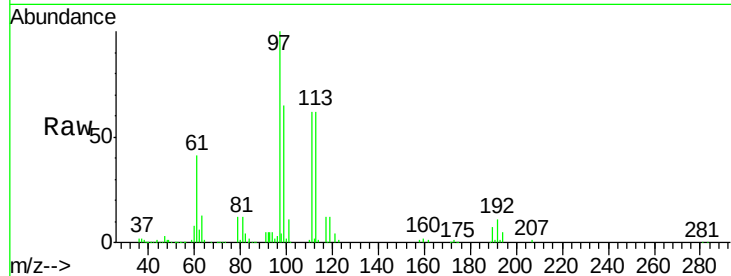
#35
 Dibromofluoromethane
 Concen: 49.861 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.5	123.7
192	19.3	16.5	24.7

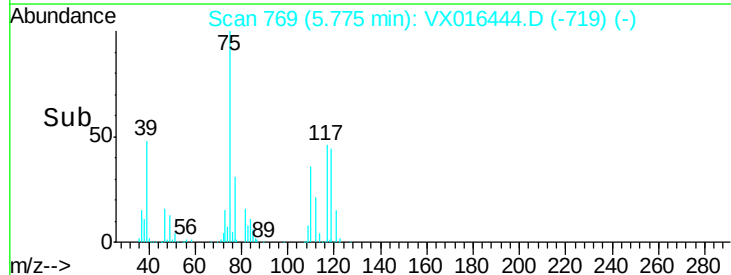
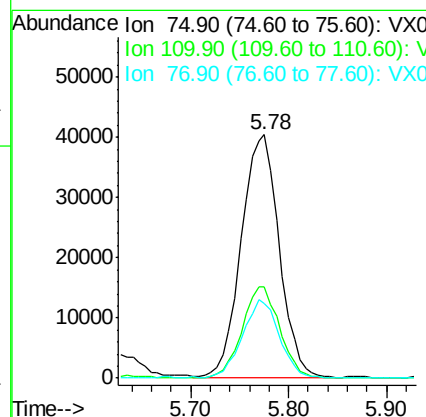
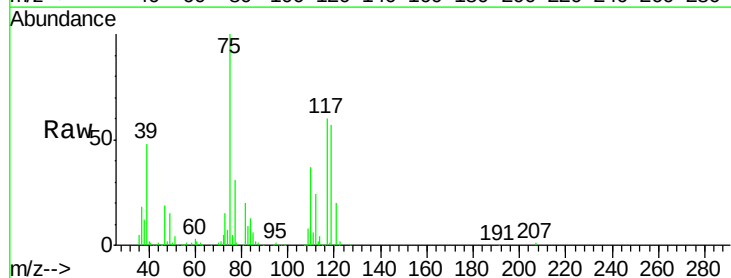
Manual Integrations
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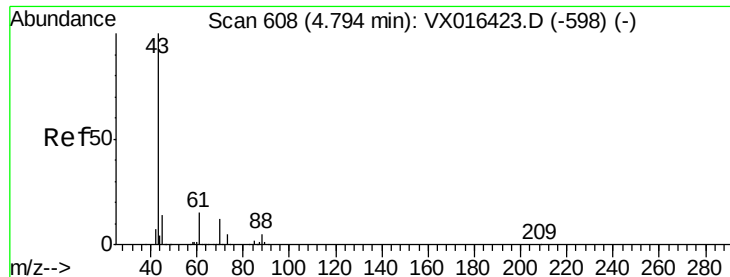
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#36
 1,1-Dichloropropene
 Concen: 50.462 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.7	56.1
77	31.5	24.9	37.3





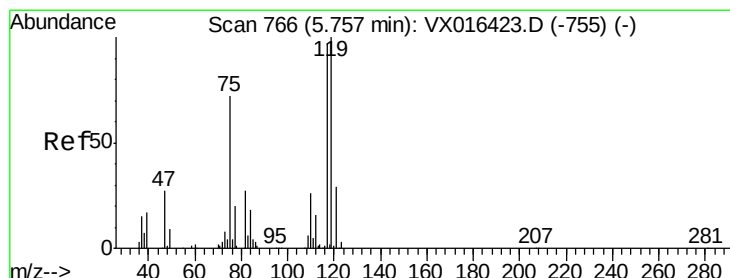
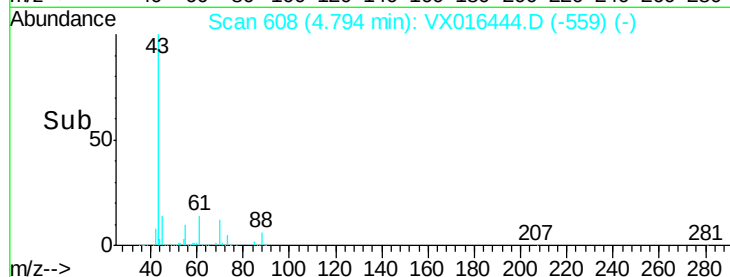
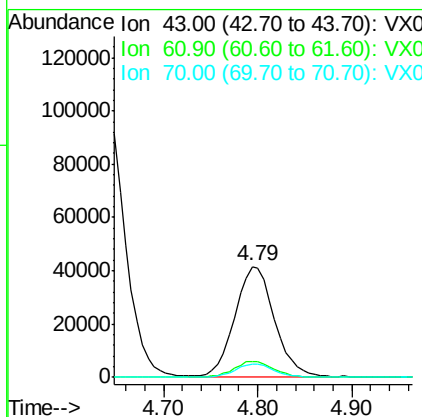
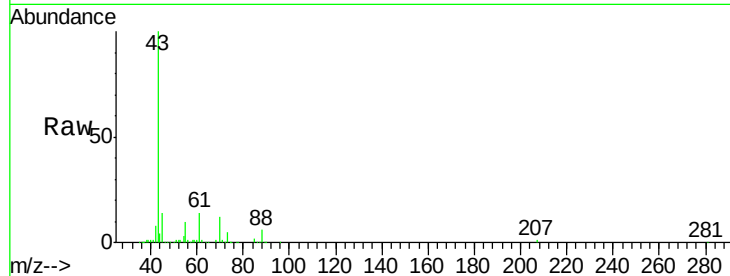
#37
Ethyl Acetate
Concen: 50.944 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	120673
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.8
70	12.2	9.6	14.4

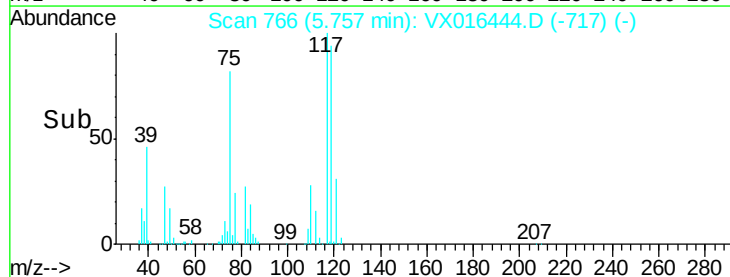
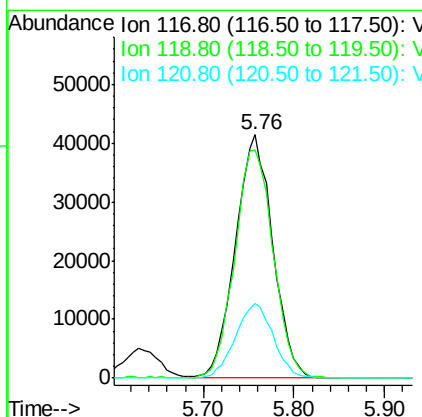
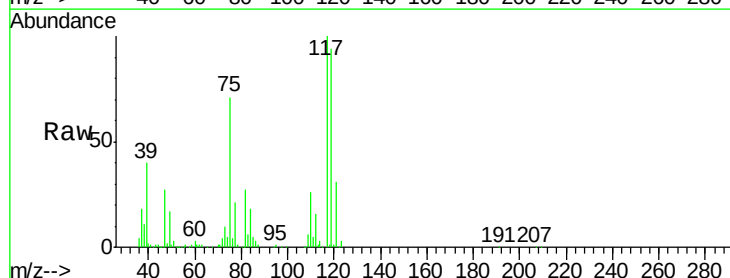
Manual Integrations
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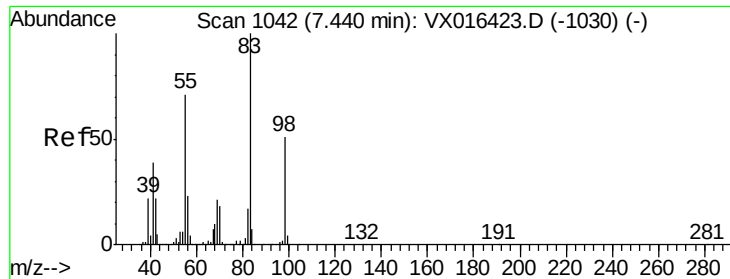
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#38
Carbon Tetrachloride
Concen: 51.006 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion:	117	Resp:	118489
Ion	Ratio	Lower	Upper
117	100		
119	93.6	82.2	123.4
121	30.9	24.1	36.1





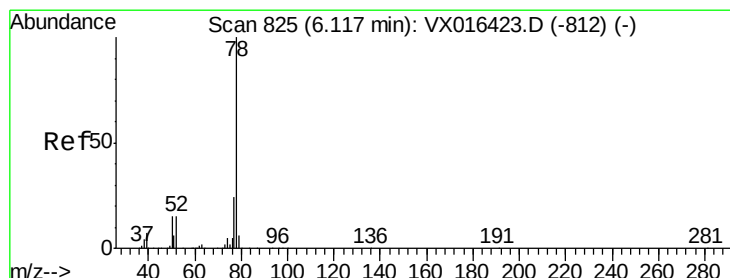
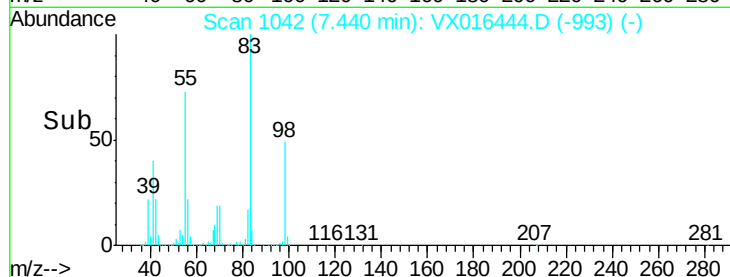
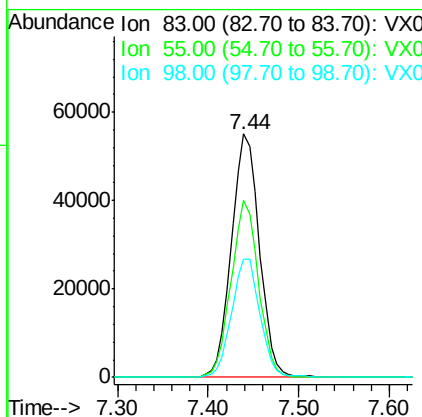
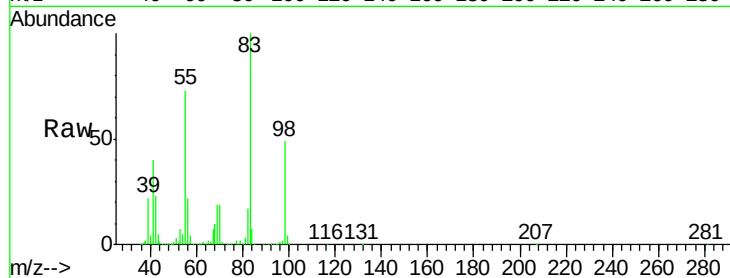
#39
Methylvlcyclohexane
Concen: 49.699 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	56.8	85.2
98	48.8	40.6	61.0

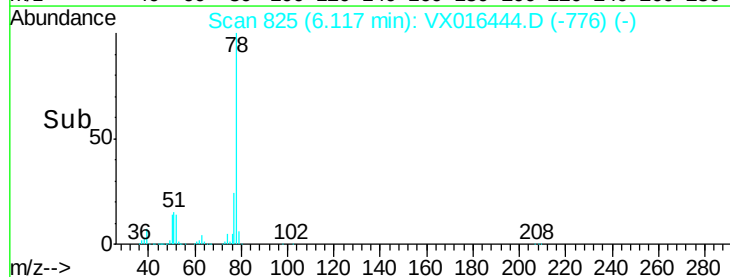
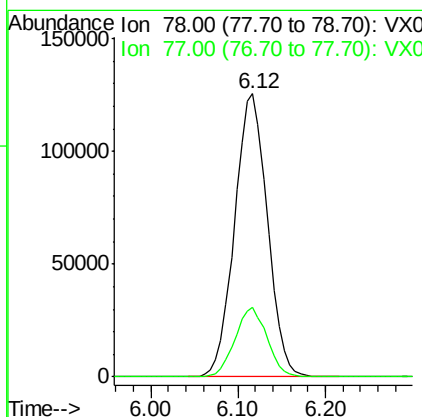
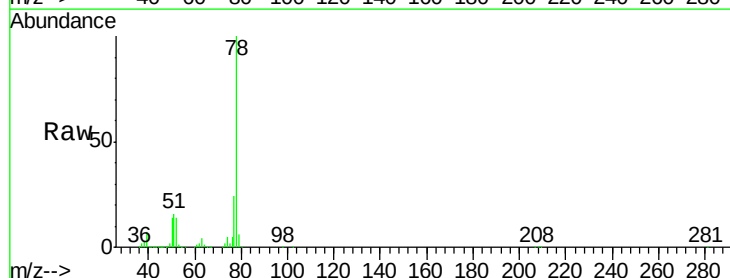
Manual Integrations
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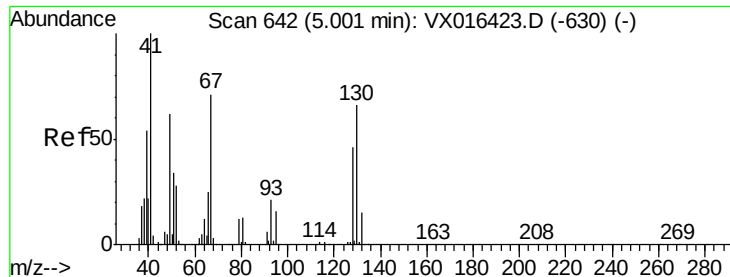
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#40
Benzene
Concen: 51.096 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.9	28.3





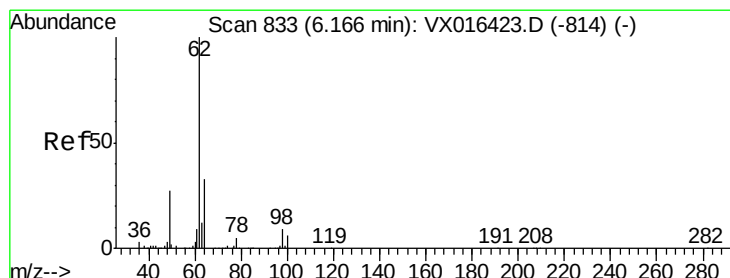
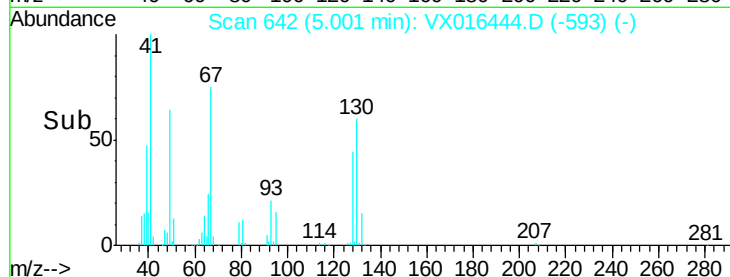
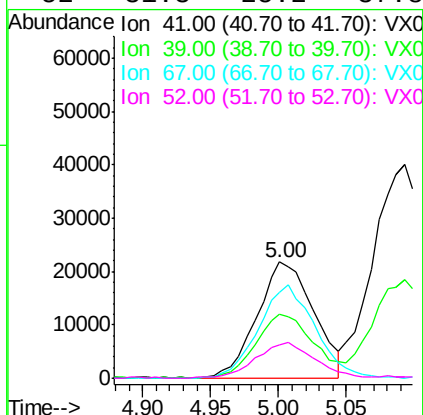
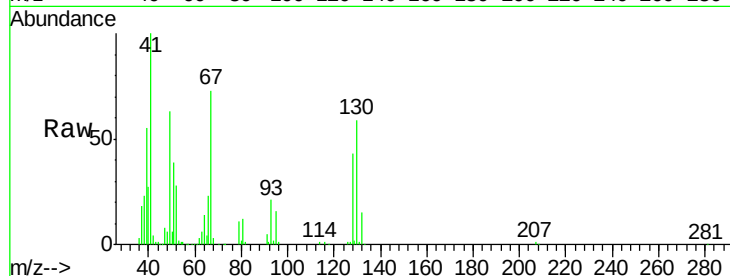
#41
Methacrylonitrile
Concen: 49.596 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	44.4	66.6	
67	80.8	62.2	93.4	
52	31.3	25.2	37.8	

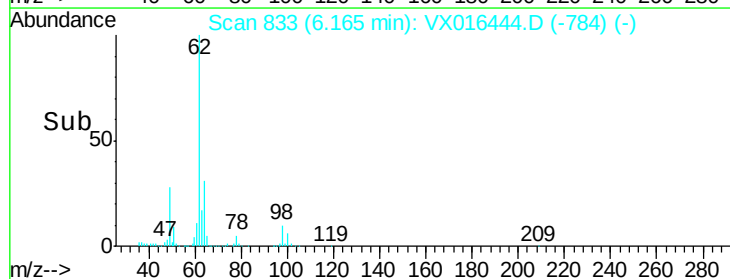
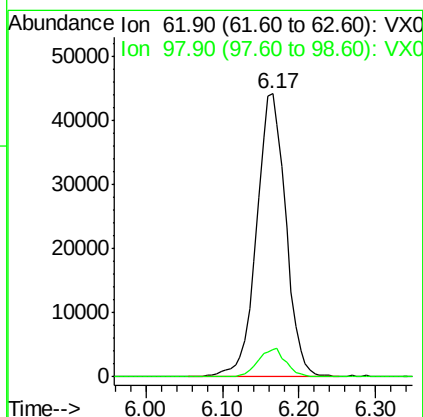
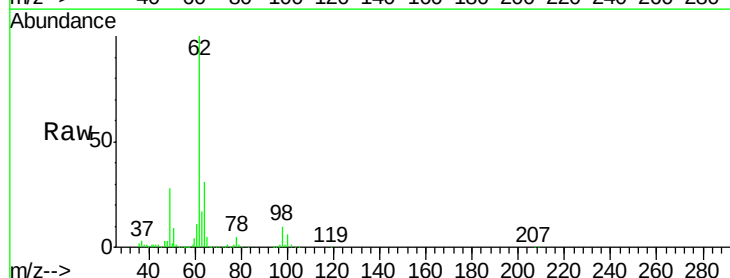
Manual Integrations
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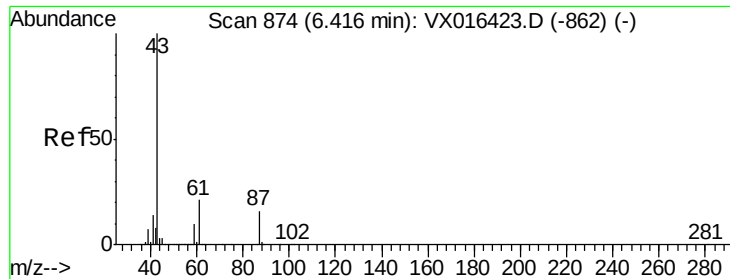
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#42
1,2-Dichloroethane
Concen: 50.305 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.4	





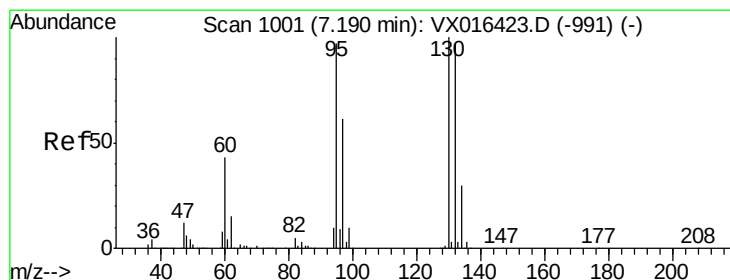
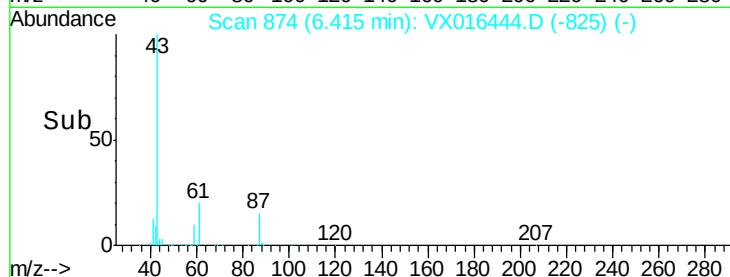
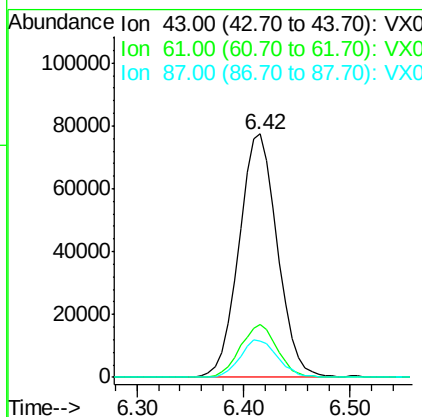
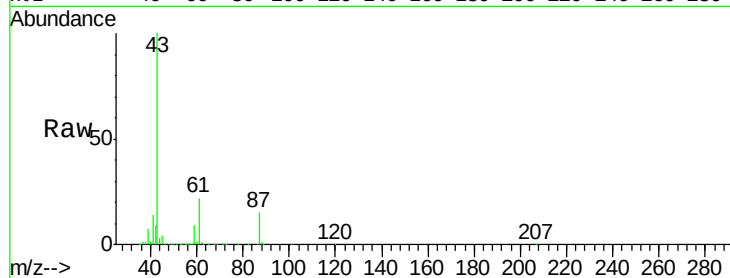
#43
Isopropyl Acetate
Concen: 51.232 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.2	25.8
87	15.3	12.3	18.5

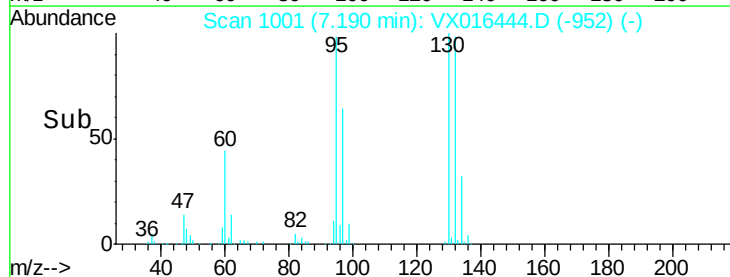
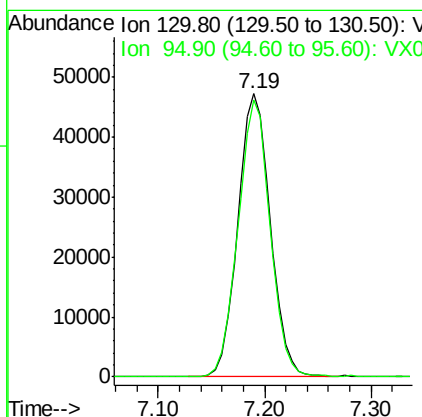
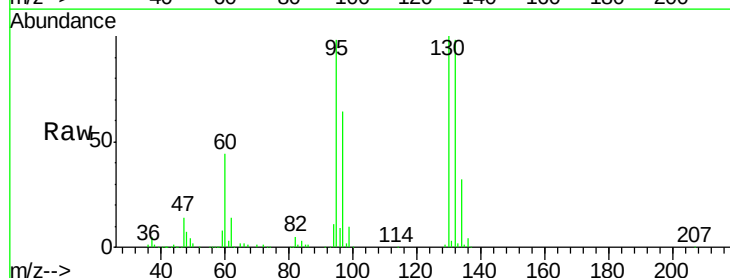
Manual Integrations
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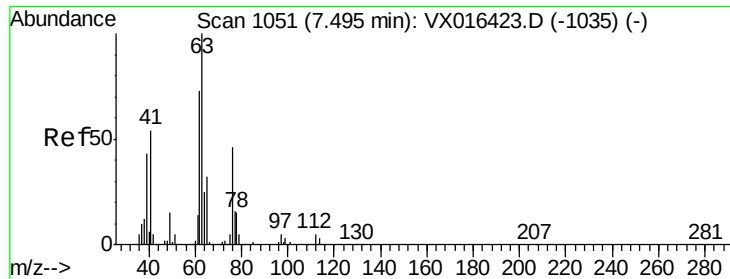
MMDadoda
5/27/2020 12:26:57 PM



#44
Trichloroethene
Concen: 48.341 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	194.0





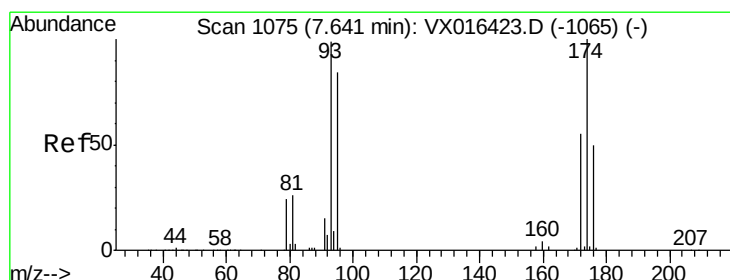
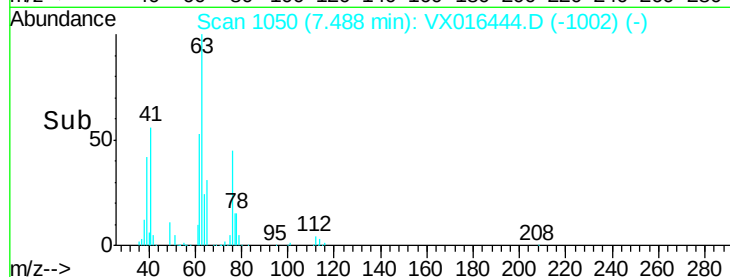
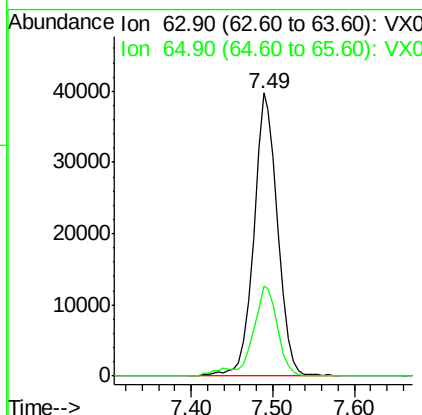
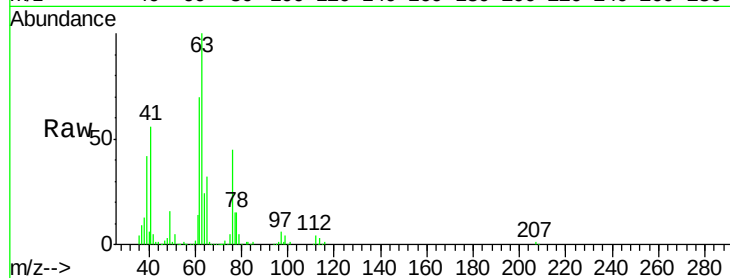
#45
 1,2-Dichloropropane
 Concen: 50.688 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.3	37.9

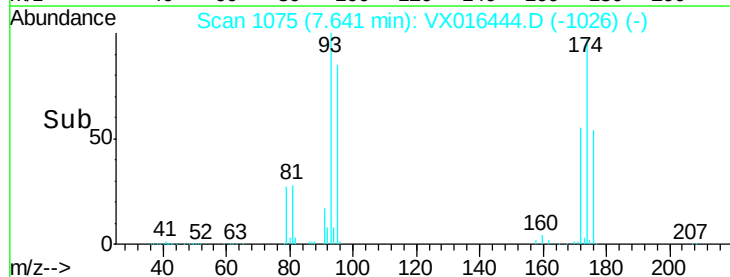
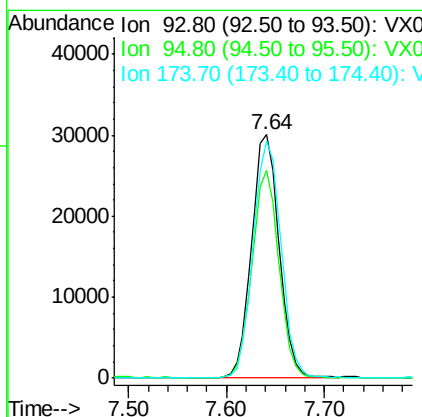
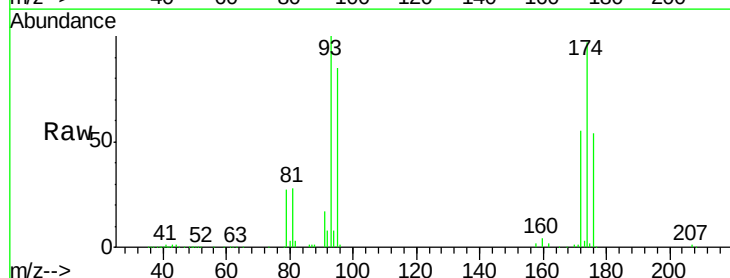
Manual Integrations
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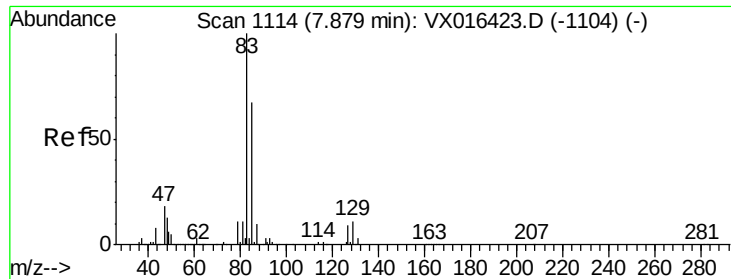
MMDadoda
 5/27/2020 12:26:57 PM



#46
 Dibromomethane
 Concen: 50.854 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.0	97.4
174	99.1	81.4	122.0





#47

Bromodichloromethane

Concen: 51.660 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

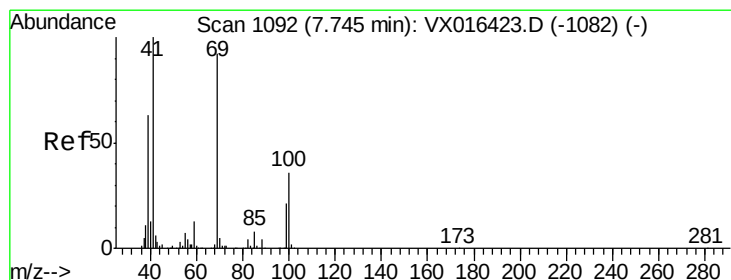
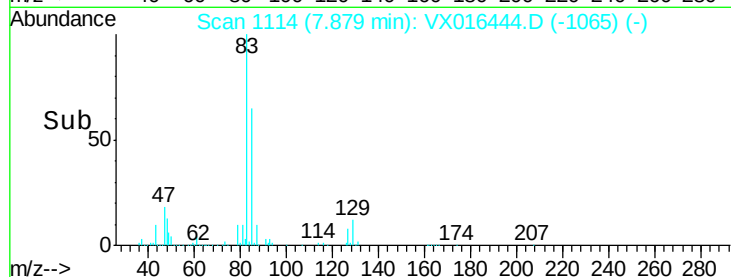
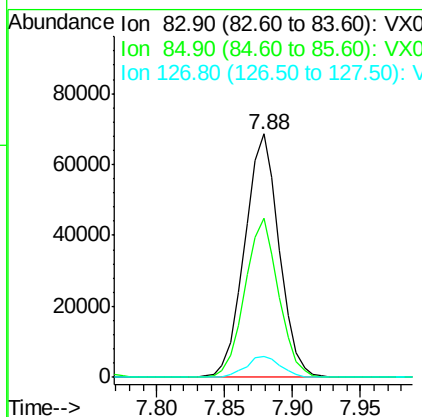
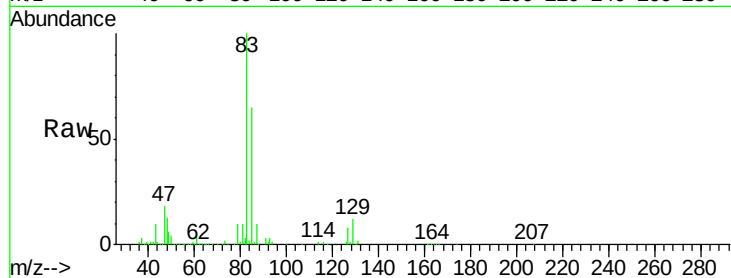
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	121474
Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.8	80.8
127	8.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.289 ug/l

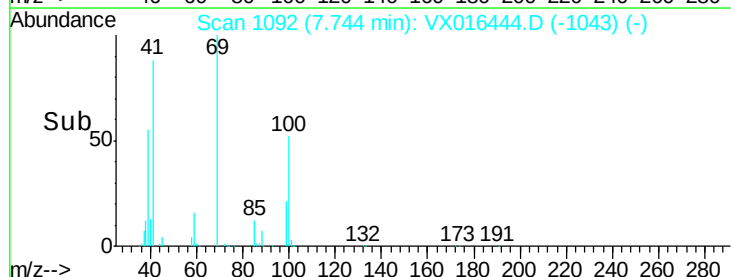
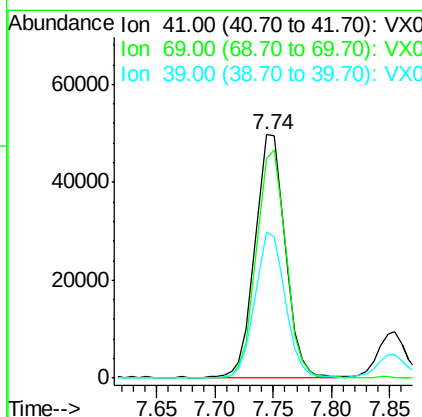
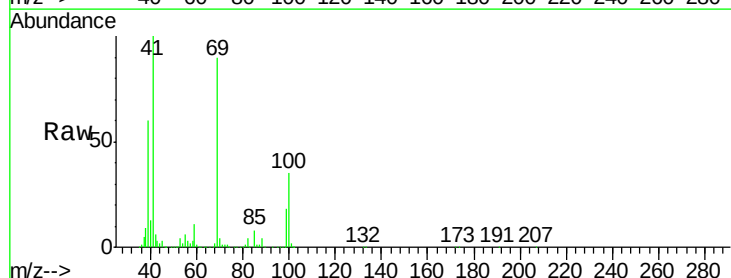
RT: 7.74 min Scan# 1092

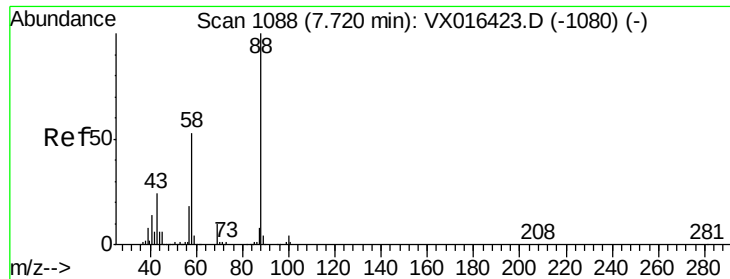
Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion:	41	Resp:	90541
Ion	Ratio	Lower	Upper
41	100		
69	92.2	71.8	107.8
39	59.9	48.6	73.0





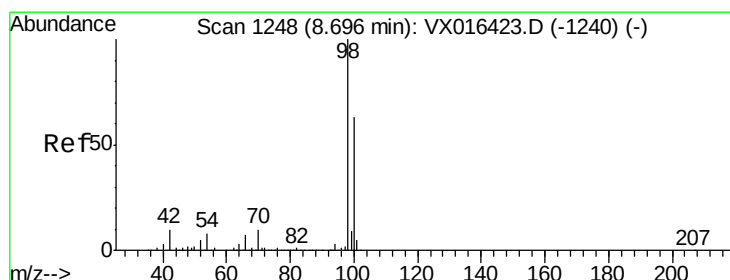
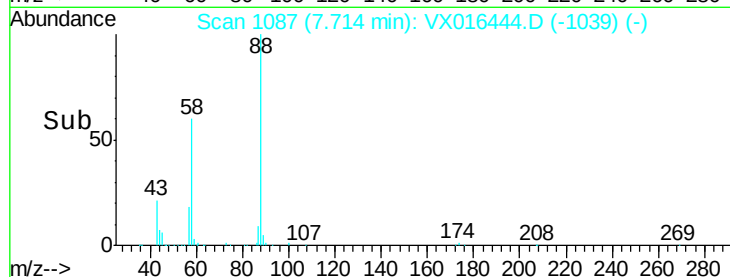
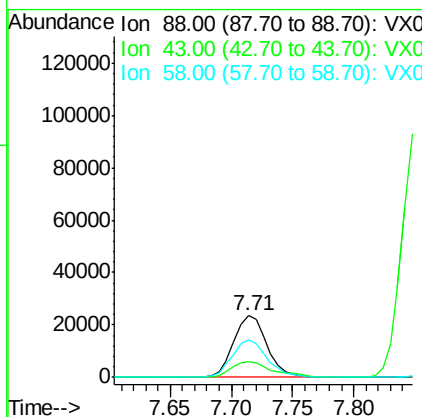
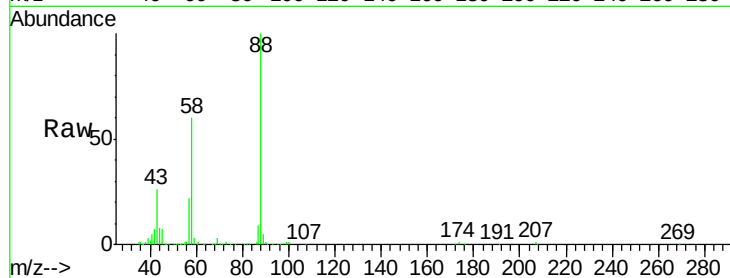
#49
1,4-Dioxane
Concen: 1000.418 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.0	34.6
58	63.6	51.7	77.5

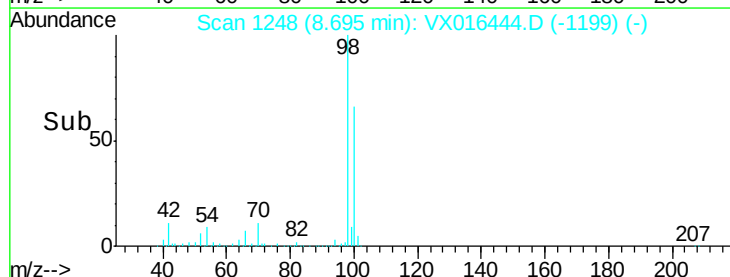
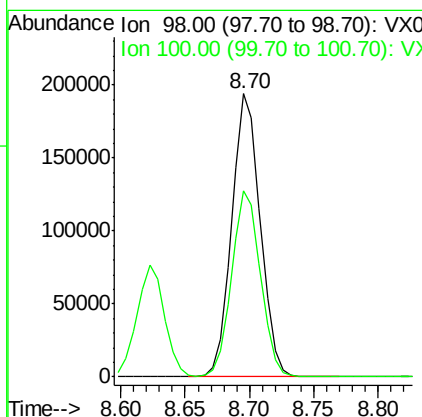
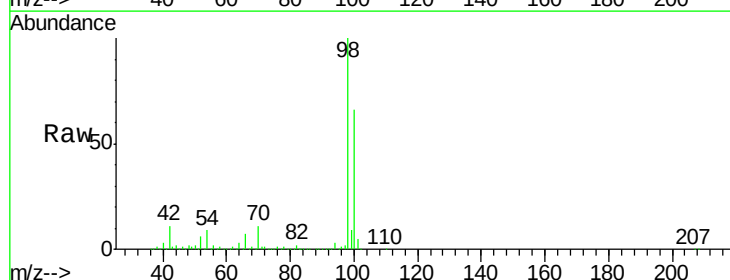
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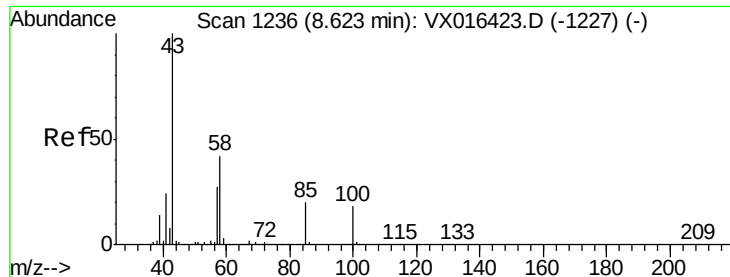
MMDadoda
5/27/2020 12:26:57 PM



#50
Toluene-d8
Concen: 52.479 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8





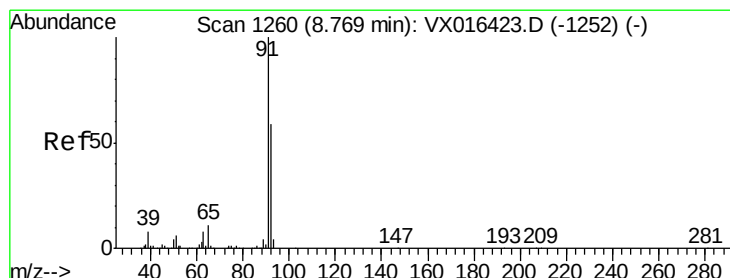
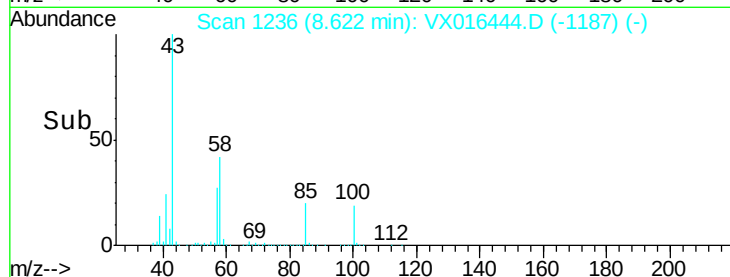
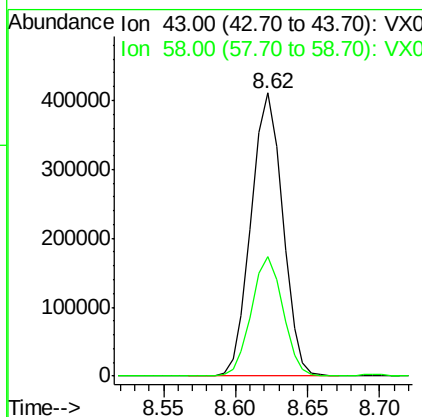
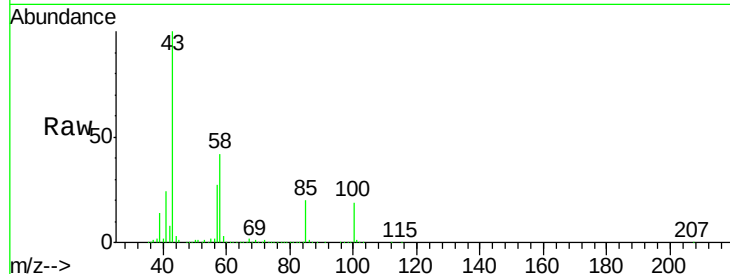
#51
4-Methyl-2-Pentanone
Concen: 260.208 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.0	33.8	50.6

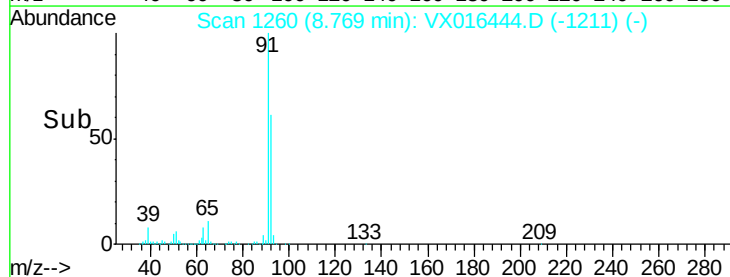
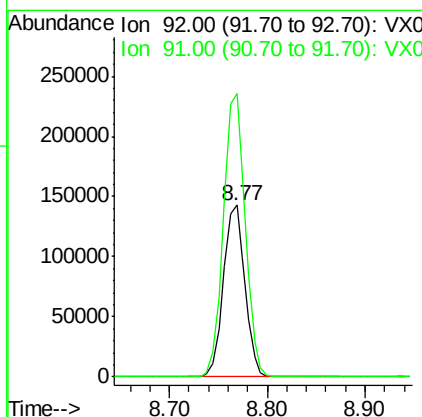
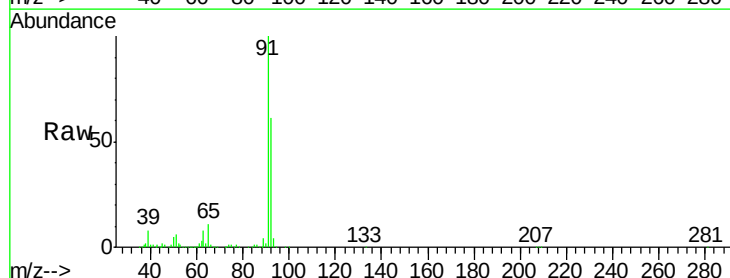
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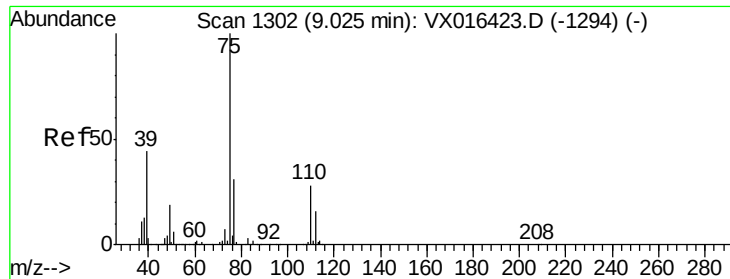
MMDadoda
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#52
Toluene
Concen: 52.980 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.3	135.7	203.5





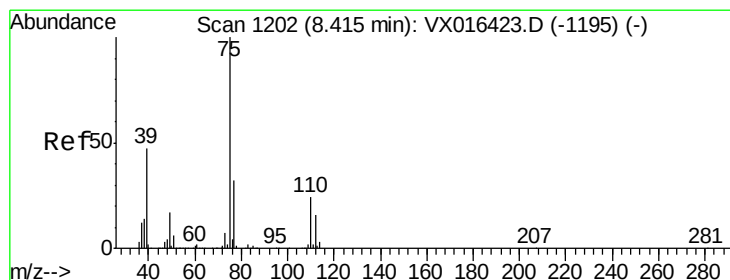
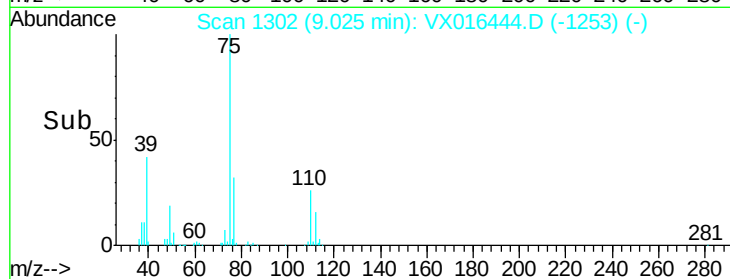
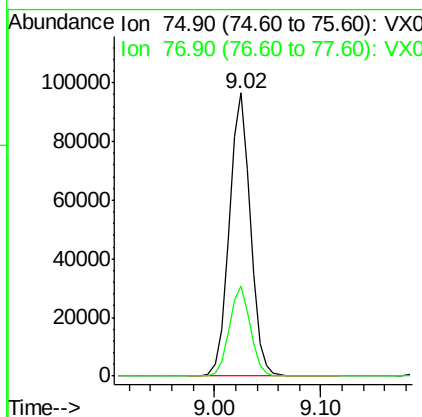
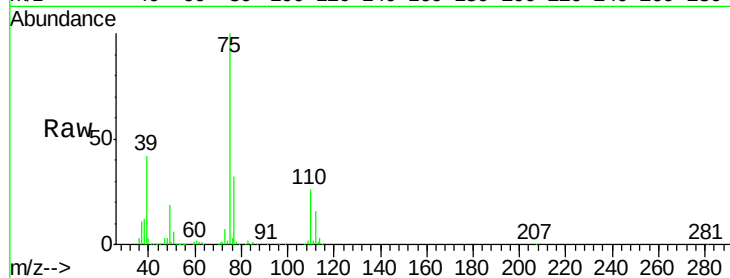
#53
 t-1,3-Dichloropropene
 Concen: 50.401 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.4

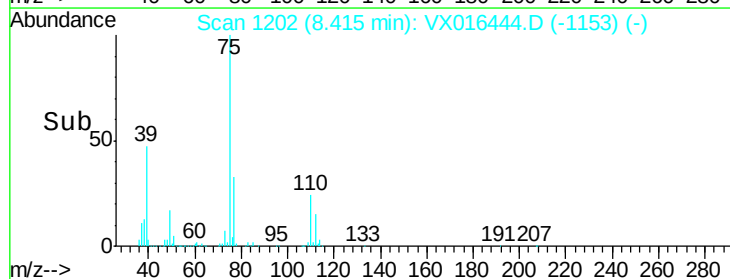
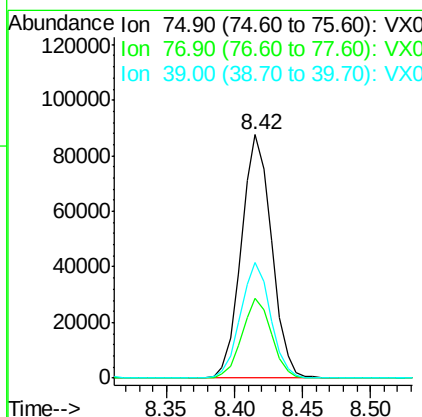
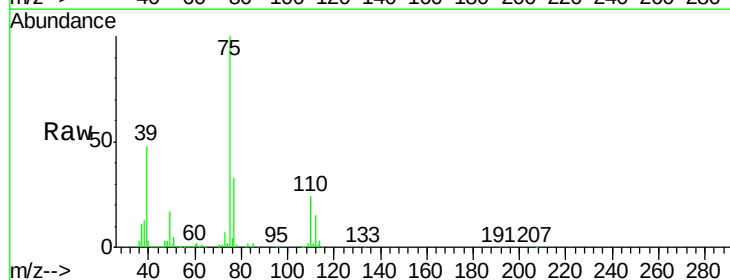
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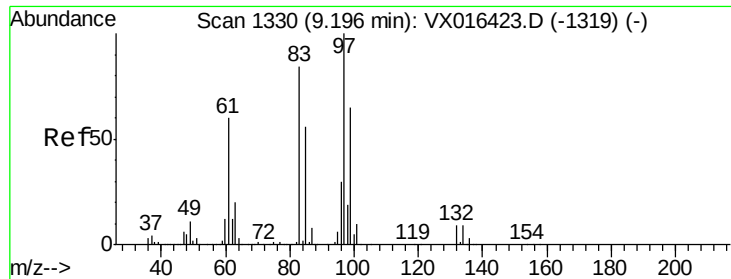
MMDadoda
 5/27/2020 12:26:57 PM



#54
 cis-1,3-Dichloropropene
 Concen: 49.643 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0
39	47.4	37.7	56.5





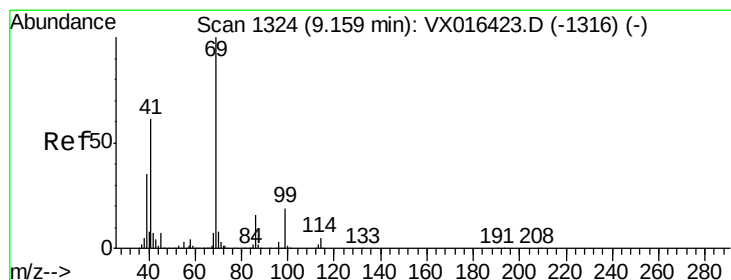
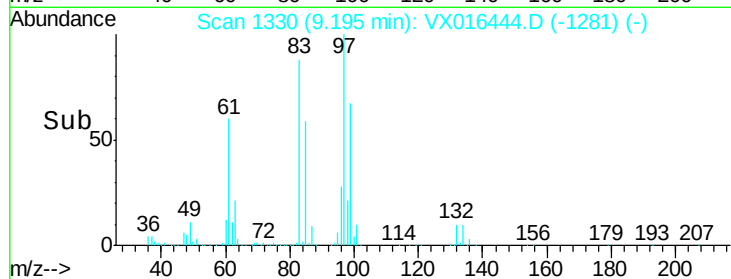
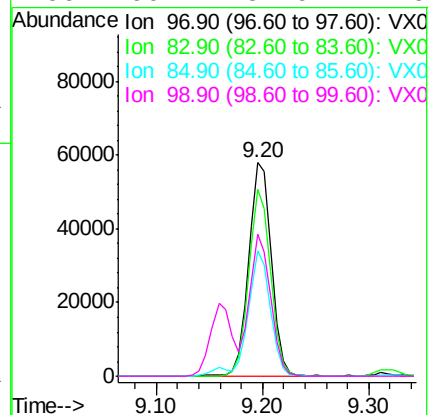
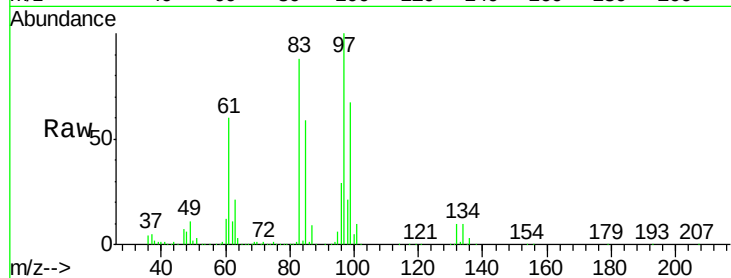
#55
 1,1,2-Trichloroethane
 Concen: 52.183 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	87346
Ion	Ratio	Lower	Upper
97	100		
83	87.8	66.9	100.3
85	58.6	45.2	67.8
99	66.7	51.9	77.9

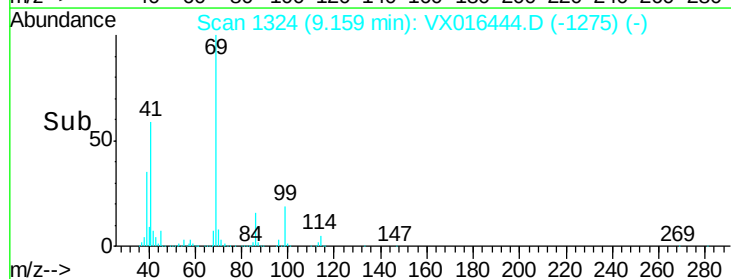
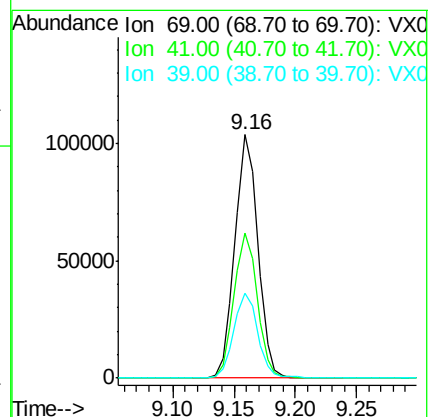
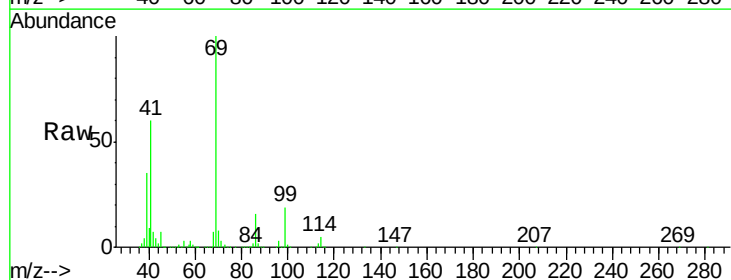
Manual Integrations
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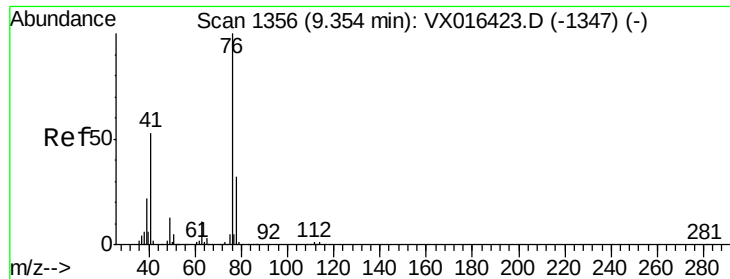
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#56
 Ethyl methacrylate
 Concen: 53.422 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	69	Resp	134564
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.9	71.9
39	36.0	28.7	43.1





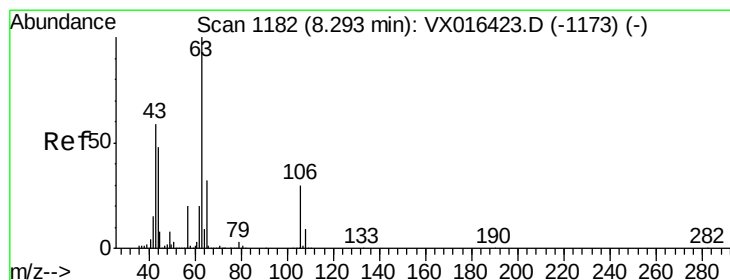
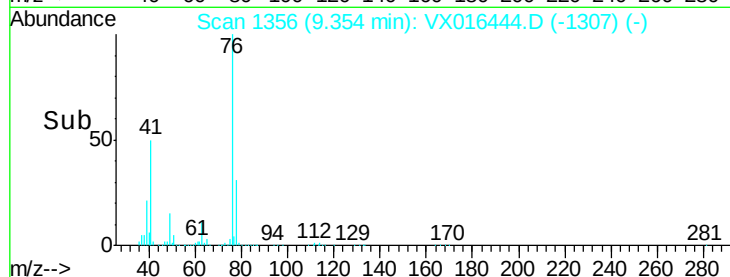
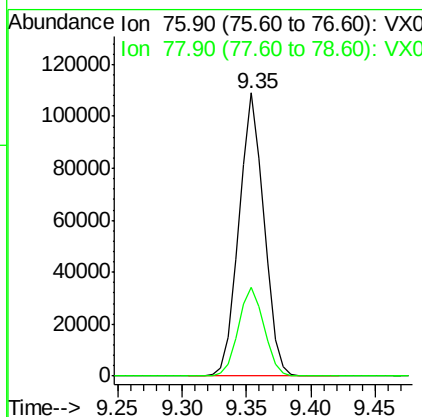
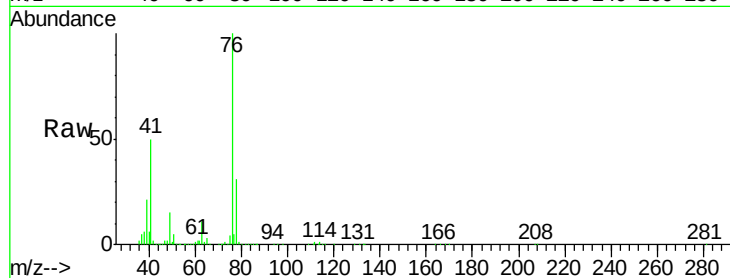
#57
 1,3-Dichloropropane
 Concen: 52.904 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.1	39.1

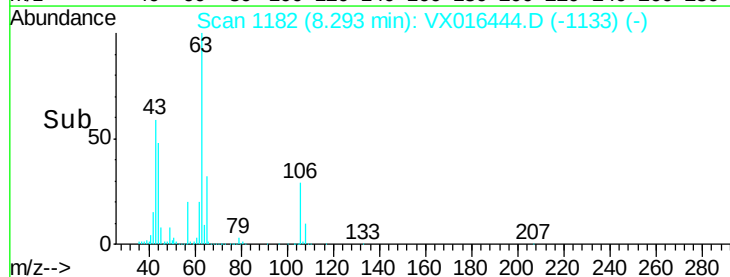
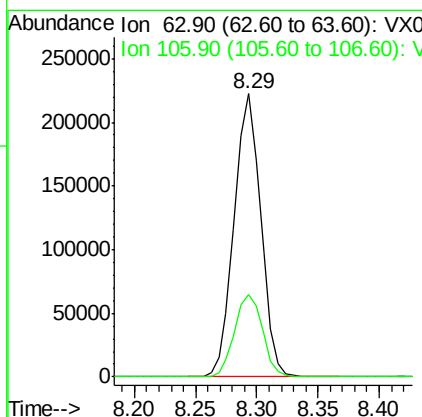
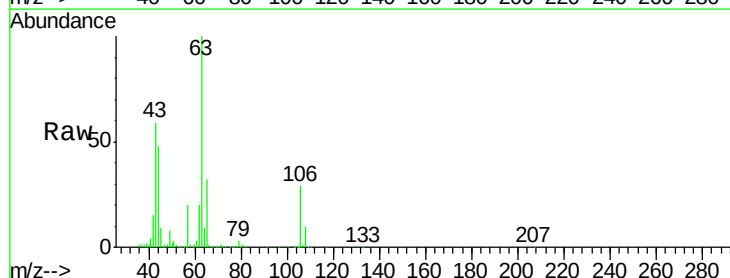
Manual Integrations
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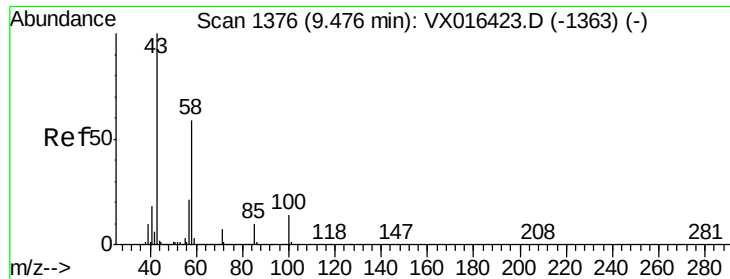
MMDadoda
 5/27/2020 12:26:57 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.032 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.4	24.6	36.8





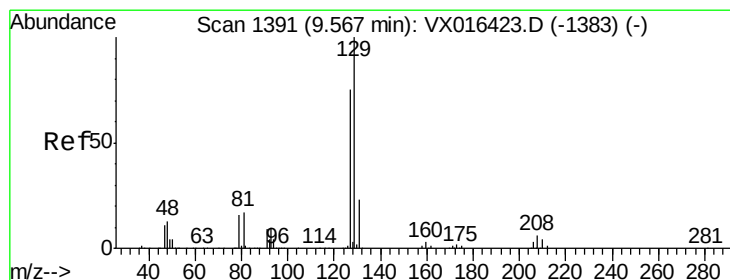
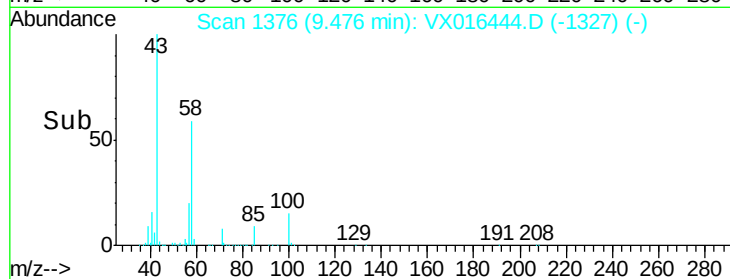
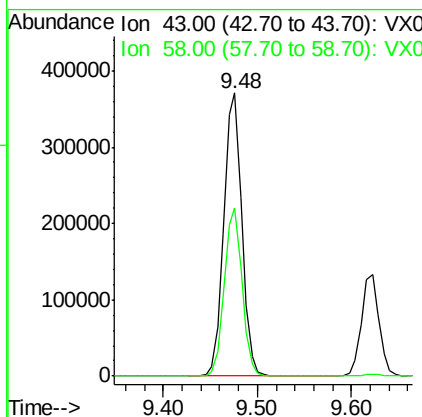
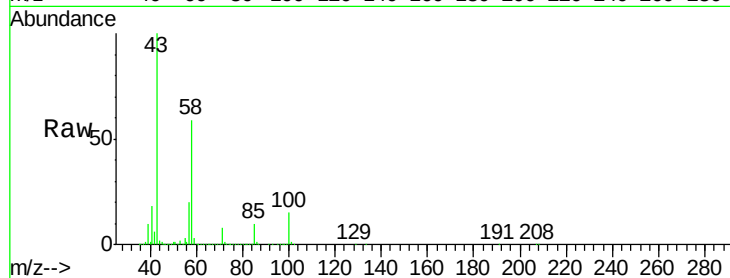
#59
2-Hexanone
Concen: 267.071 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.5	29.1	87.3

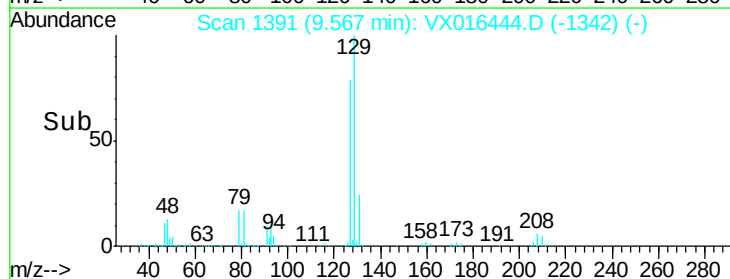
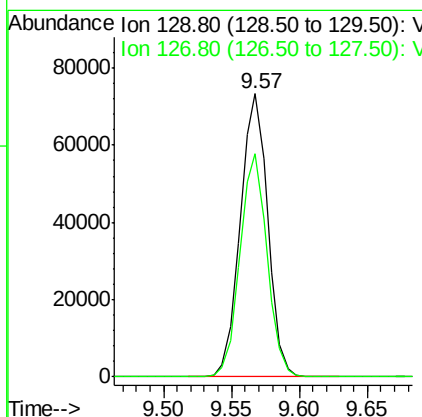
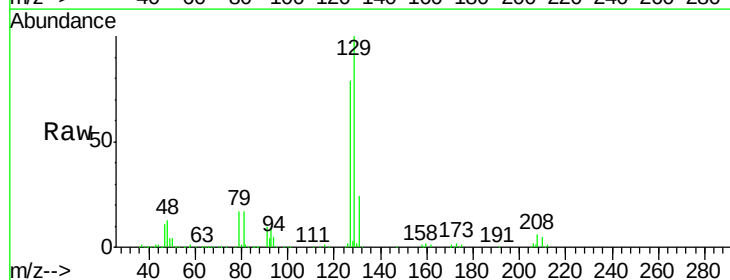
Manual Integrations
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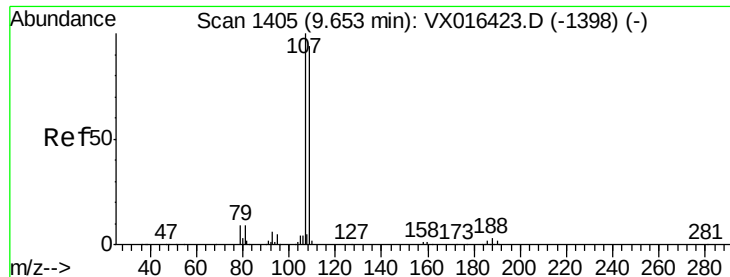
MMDadoda
5/27/2020 12:26:57 PM



#60
Dibromochloromethane
Concen: 53.828 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.6	115.8





#61

1,2-Dibromoethane

Concen: 53.162 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 97654

Ion Ratio Lower Upper

107 100

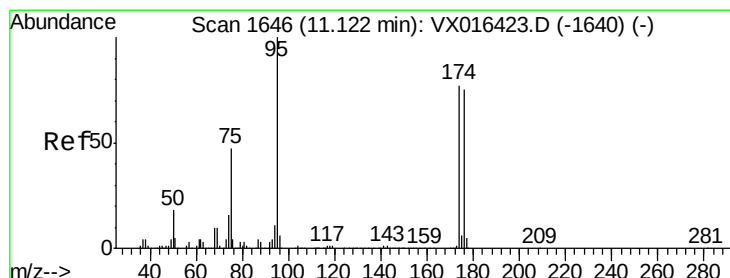
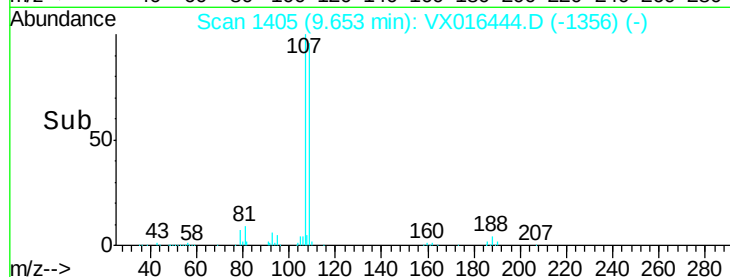
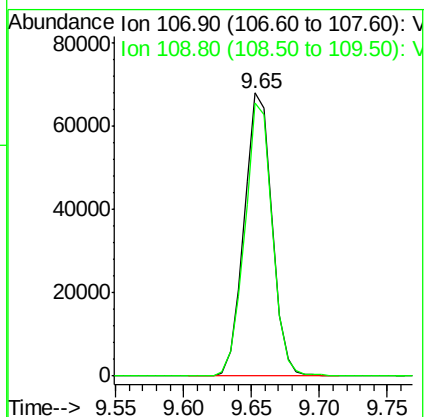
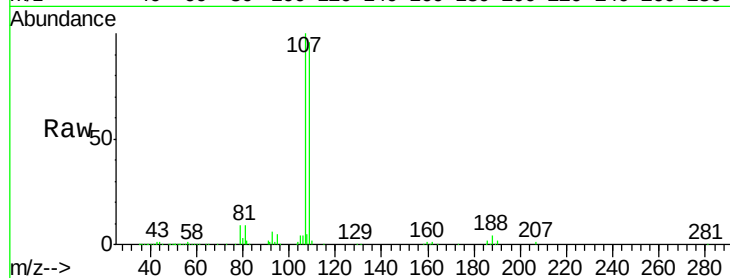
109 95.3 75.0 112.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.887 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

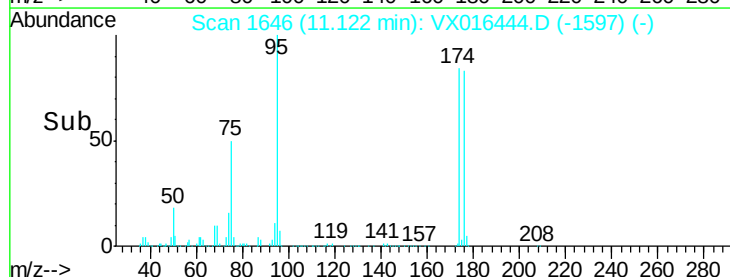
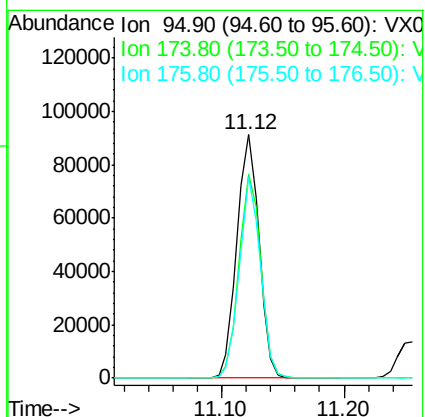
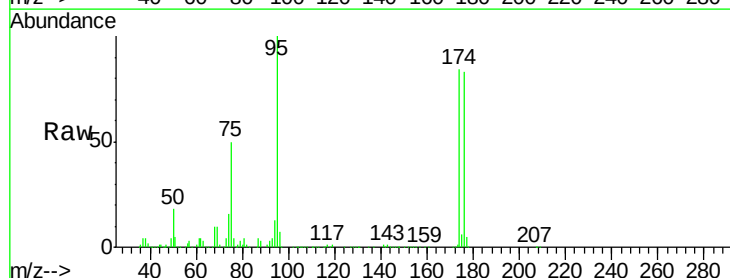
Tgt Ion: 95 Resp: 113915

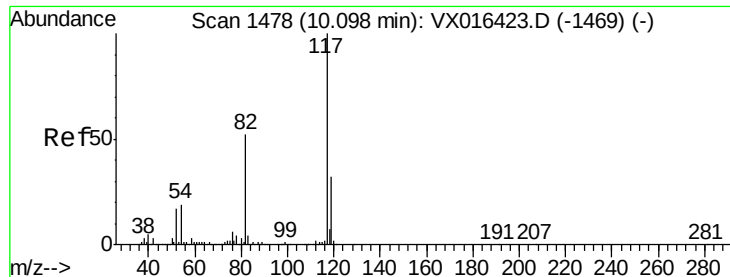
Ion Ratio Lower Upper

95 100

174 82.5 0.0 162.6

176 78.7 0.0 158.2





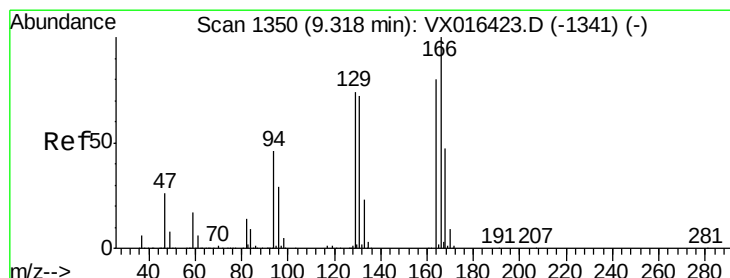
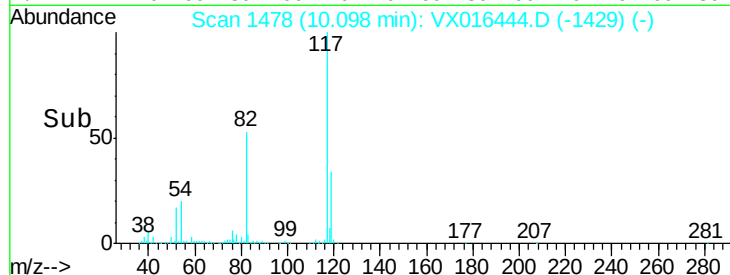
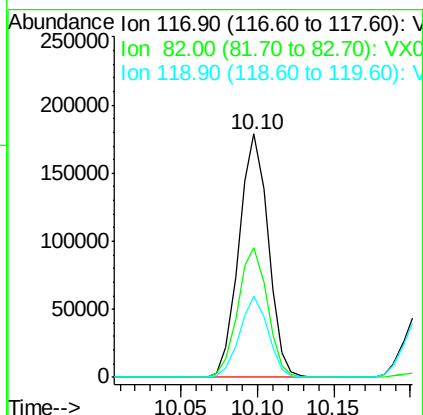
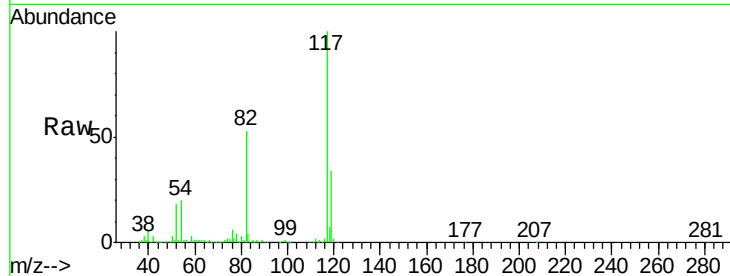
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.6
119	33.5	25.7	38.5

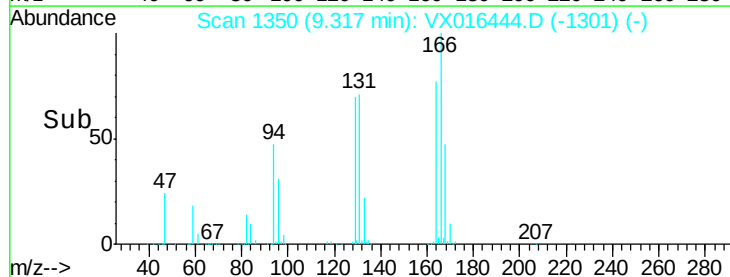
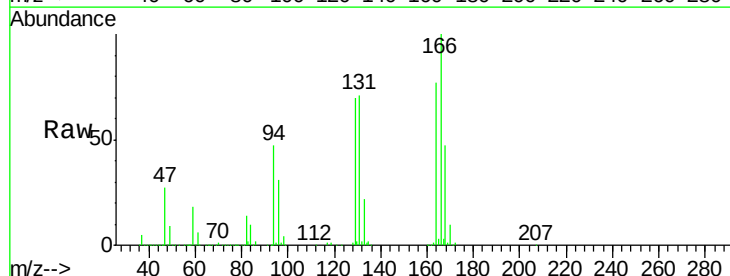
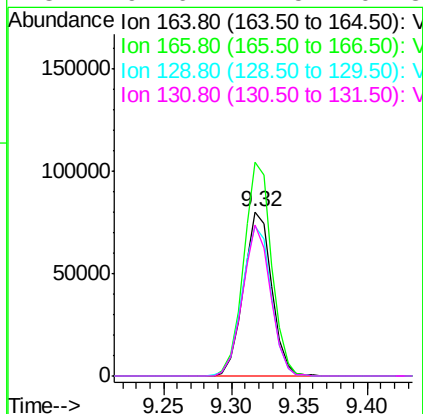
Manual Integrations
APPROVED

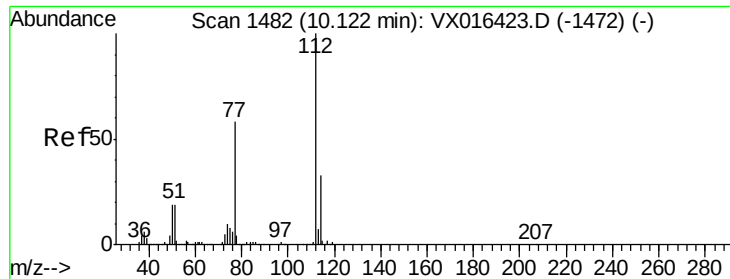
MMDadoda
5/27/2020 12:26:57 PM



#64
Tetrachloroethene
Concen: 46.857 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.5	149.3
129	91.4	73.4	110.0
131	91.6	71.5	107.3





#65

Chlorobenzene

Concen: 50.963 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 239109

Ion Ratio Lower Upper

112 100

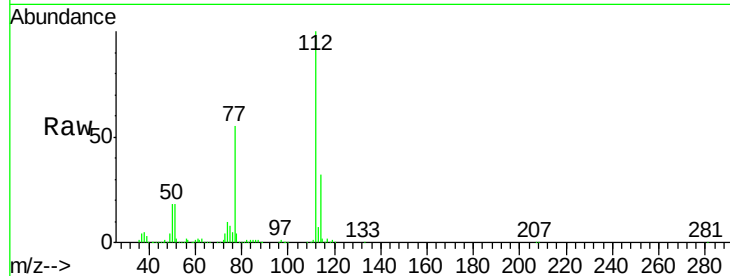
114 31.7 26.6 40.0

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

200000

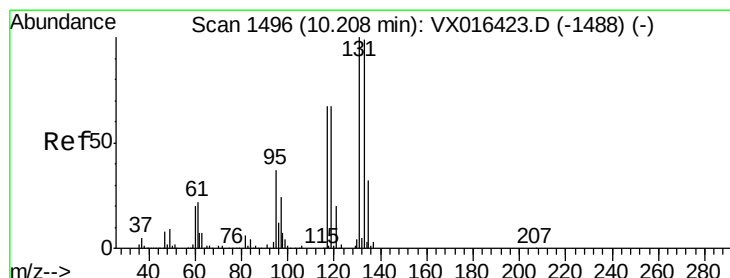
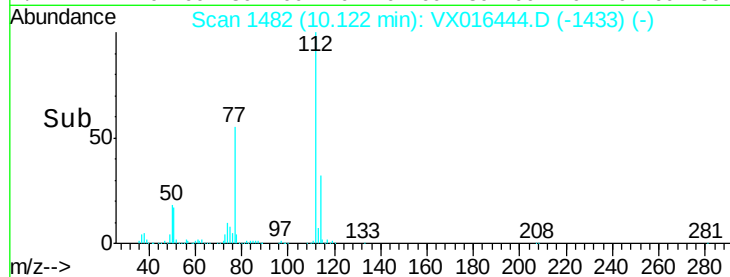
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.123 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

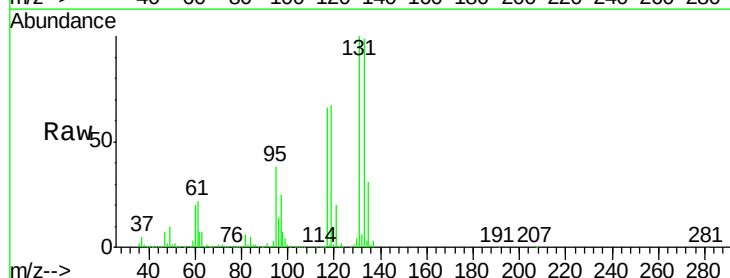
Tgt Ion:131 Resp: 91315

Ion Ratio Lower Upper

131 100

133 96.8 48.0 144.2

119 65.7 33.0 98.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

80000

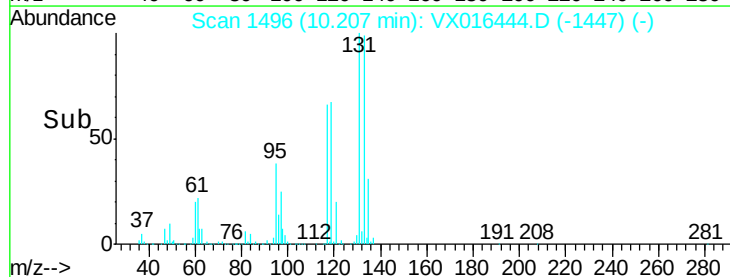
60000

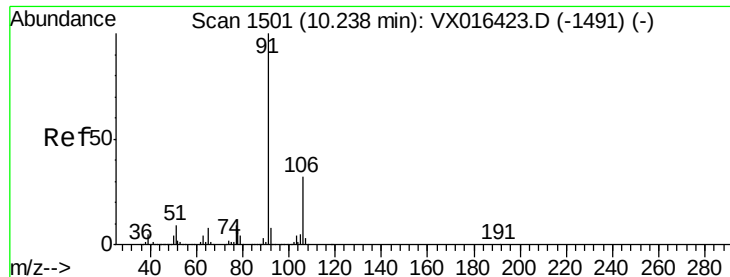
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 50.574 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 413177

Ion Ratio Lower Upper

91 100

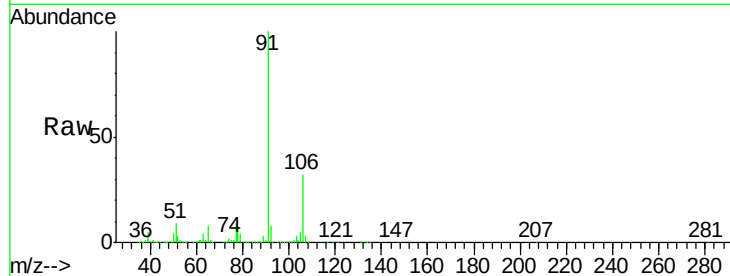
106 31.6 25.8 38.8

Manual Integrations

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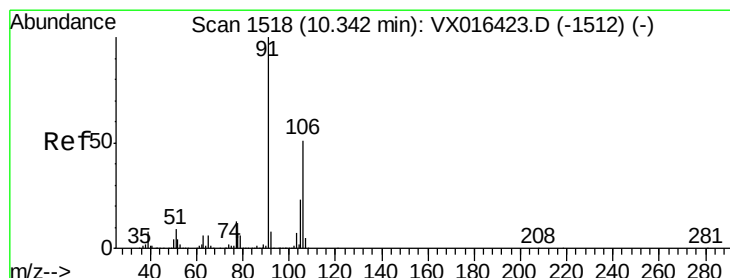
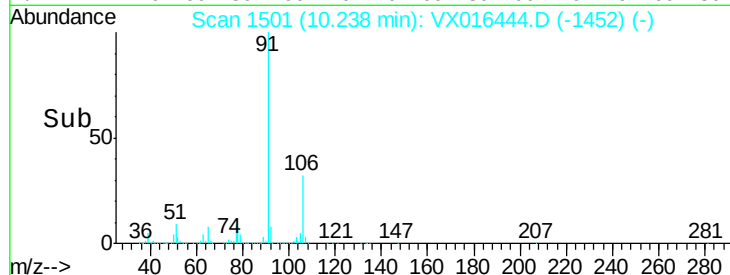
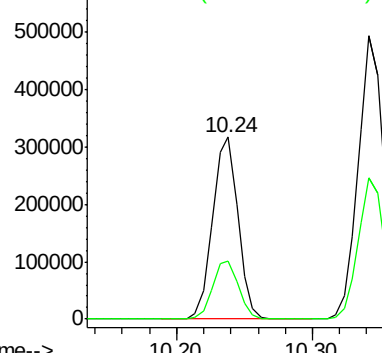
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.784 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016444.D

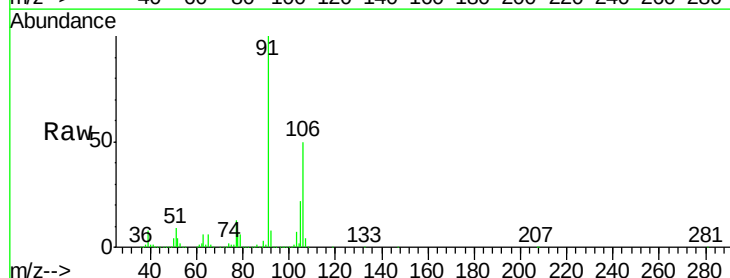
Acq: 26 May 2020 22:37

Tgt Ion: 106 Resp: 328370

Ion Ratio Lower Upper

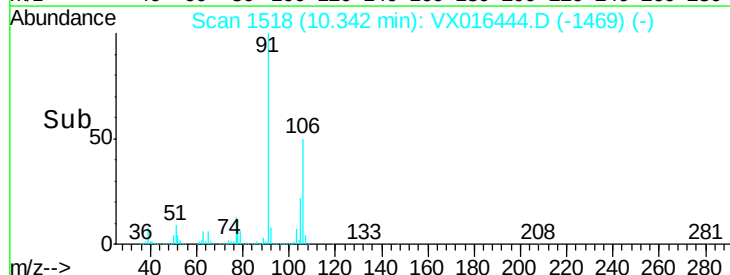
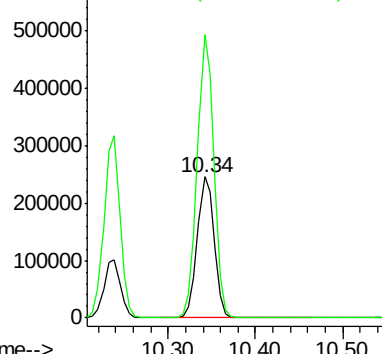
106 100

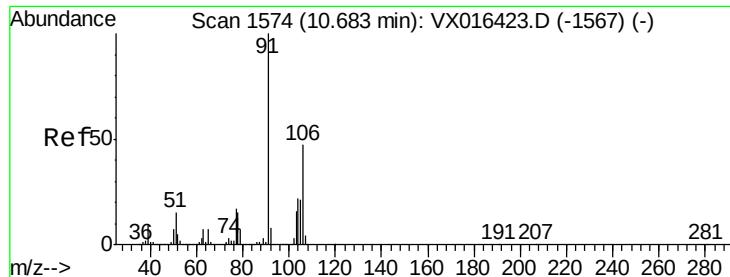
91 196.7 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





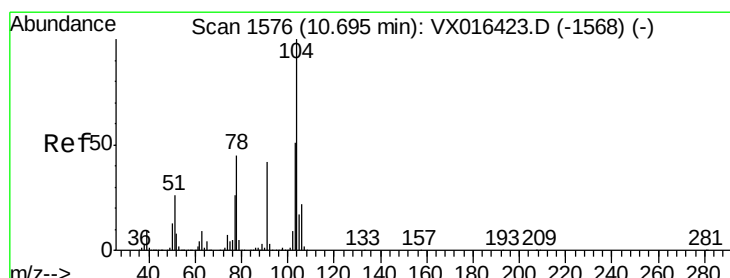
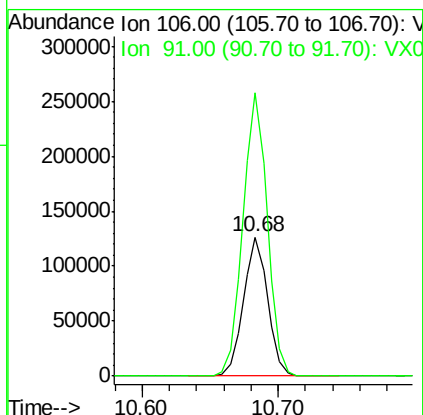
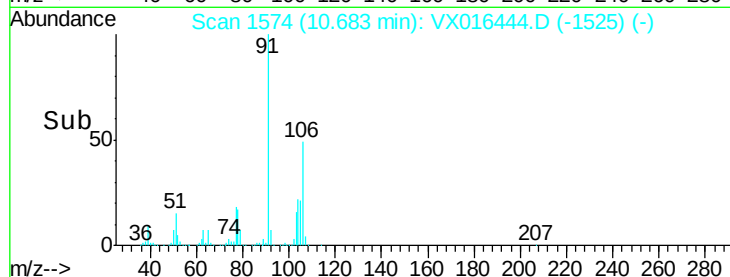
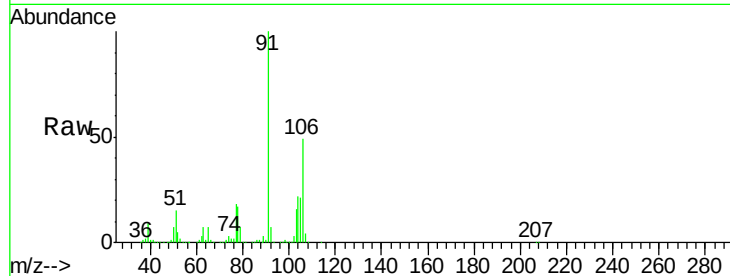
#69
o-Xylene
Concen: 51.615 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.7	104.0	312.0

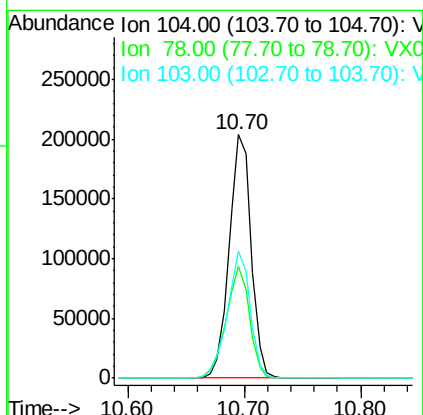
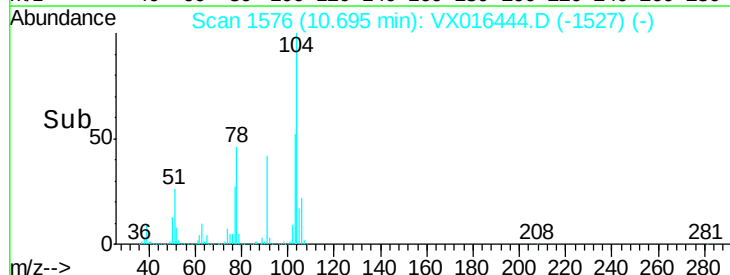
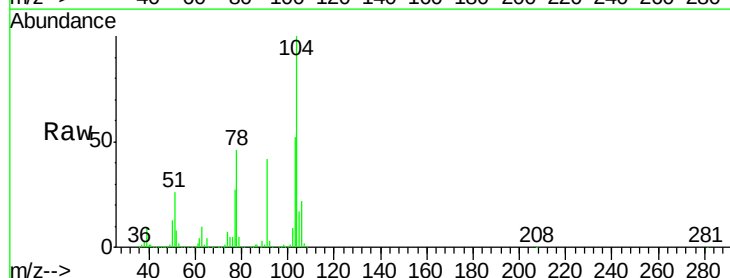
Manual Integrations
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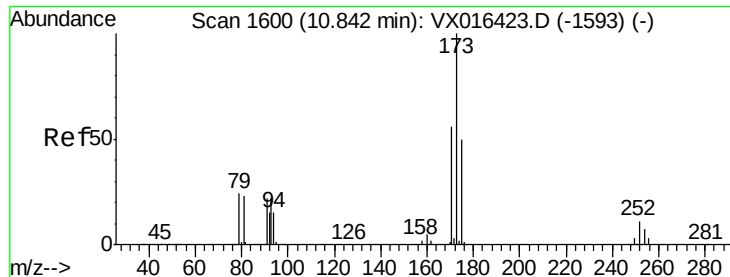
MMDadoda
5/27/2020 12:26:57 PM



#70
Styrene
Concen: 52.270 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.2	58.8
103	54.1	43.8	65.6





#71

Bromoform

Concen: 51.884 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

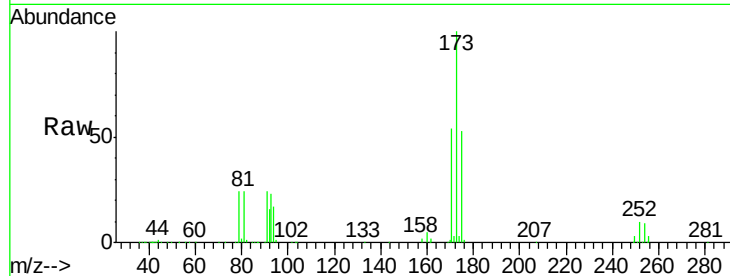
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.5	73.5
254	0.1	0.2	0.2

Manual Integrations
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5/27/2020 12:26:57 PM

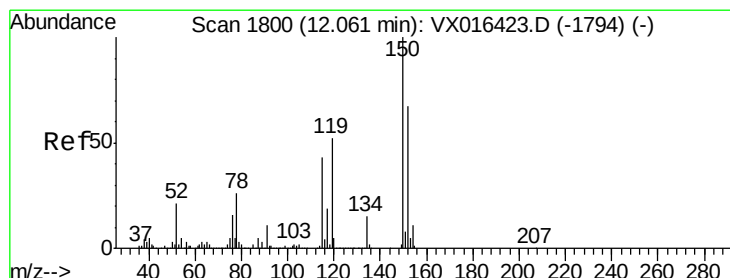
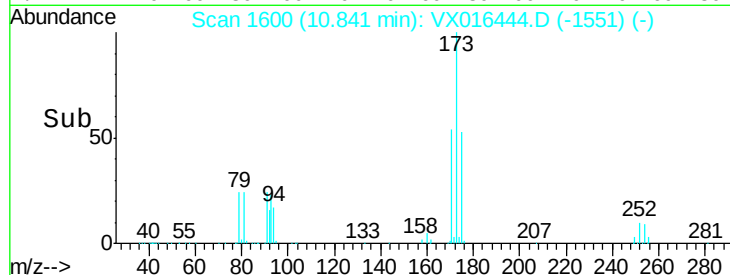
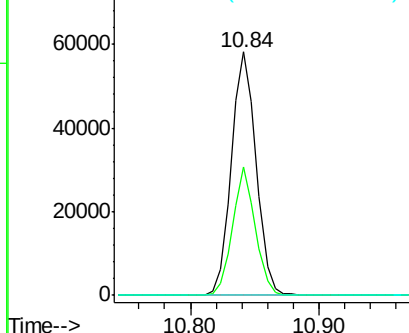


Abundance

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

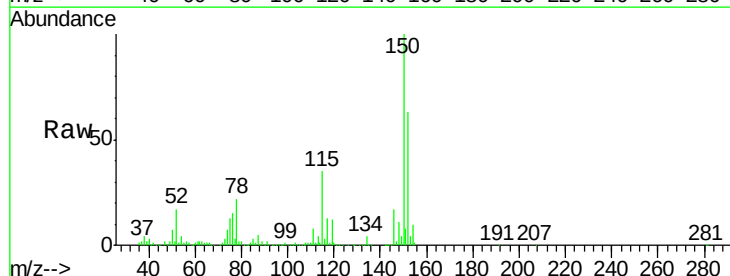
RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.1	40.4	121.2
150	172.0	0.0	345.8

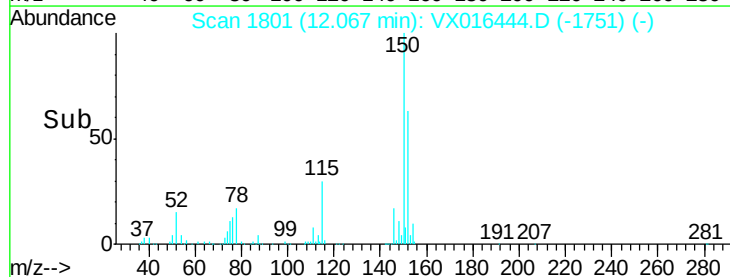
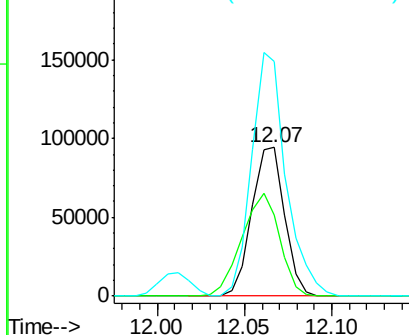


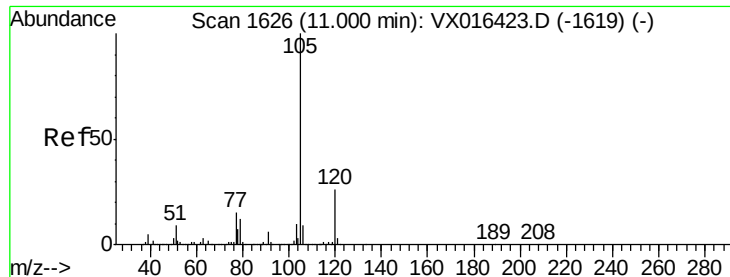
Abundance

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: 49.012 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 407334

Ion Ratio Lower Upper

105 100

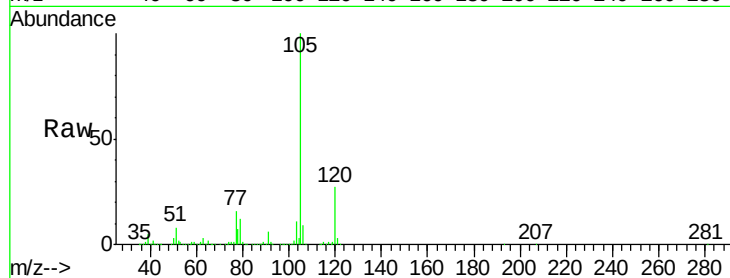
120 27.1 13.7 41.0

Manual Integrations

APPROVED

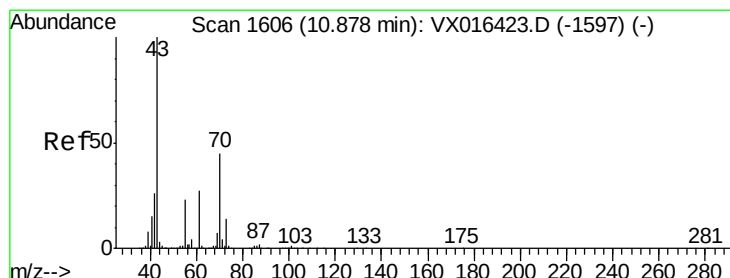
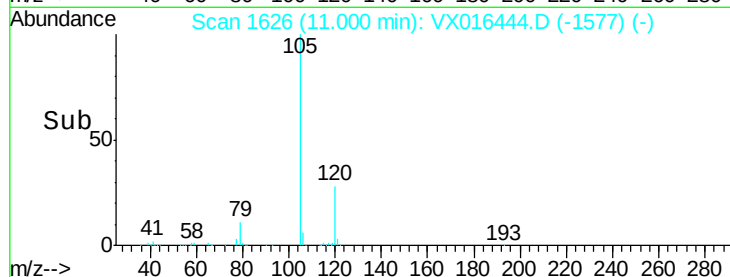
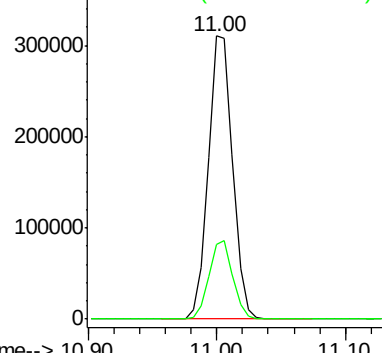
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.580 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion: 43 Resp: 168206

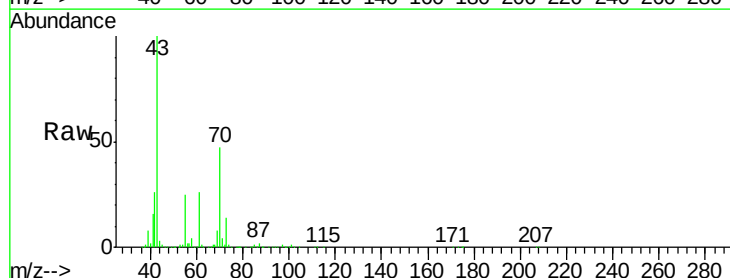
Ion Ratio Lower Upper

43 100

70 47.8 38.0 57.0

55 25.3 20.0 30.0

61 26.5 21.4 32.2

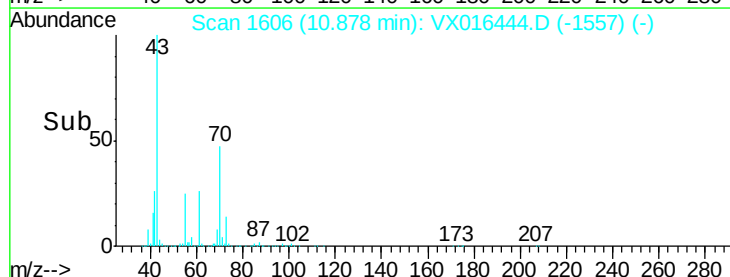
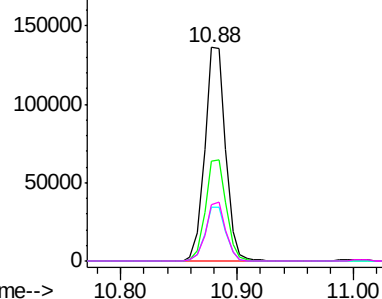


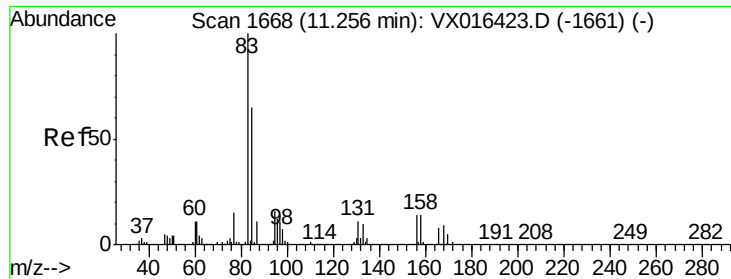
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.606 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

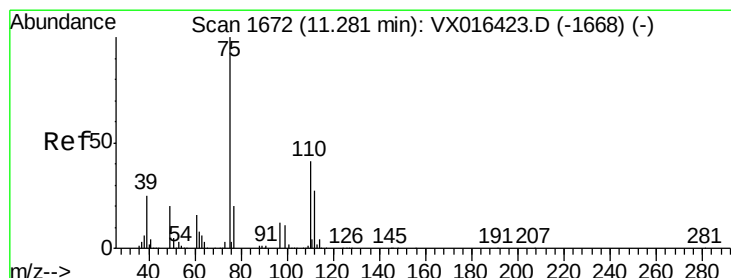
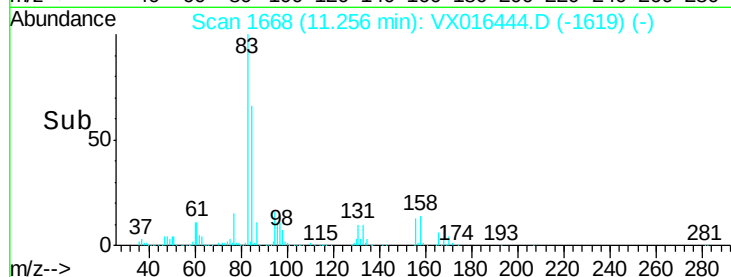
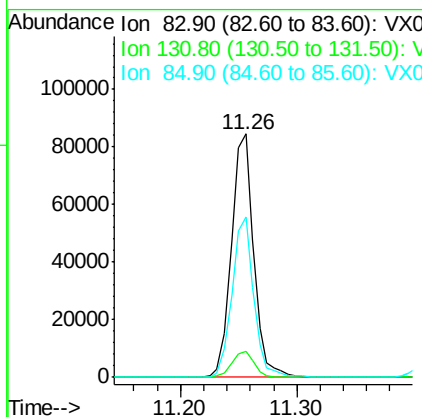
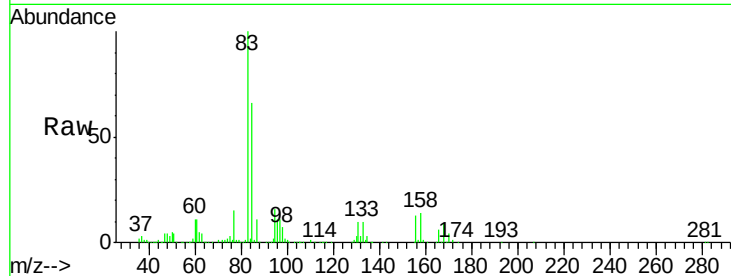
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	112539
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	64.2	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.683 ug/l m

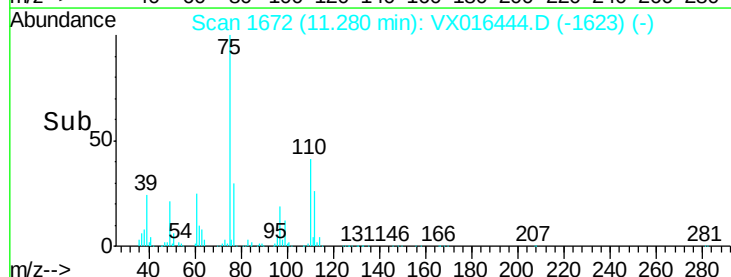
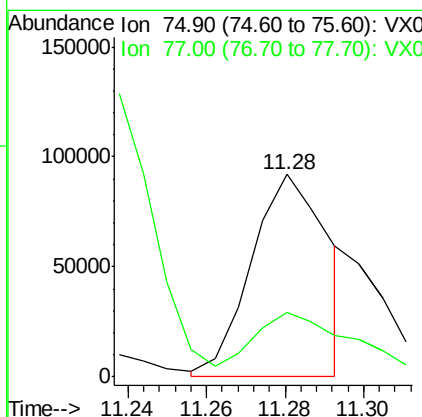
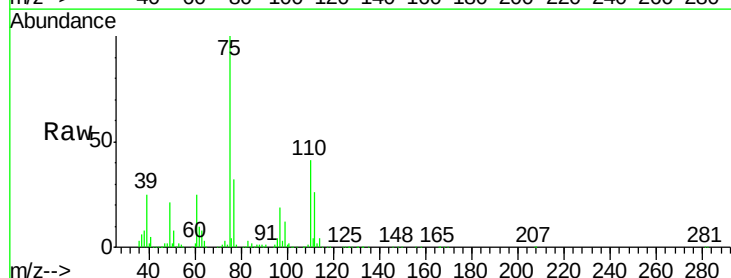
RT: 11.28 min Scan# 1672

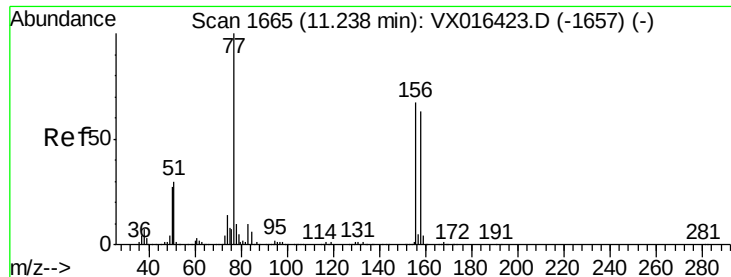
Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion:	75	Resp:	124382
Ion Ratio	Lower	Upper	
75	100		
77	42.0	21.4	64.3





#77

Bromobenzene

Concen: 49.866 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

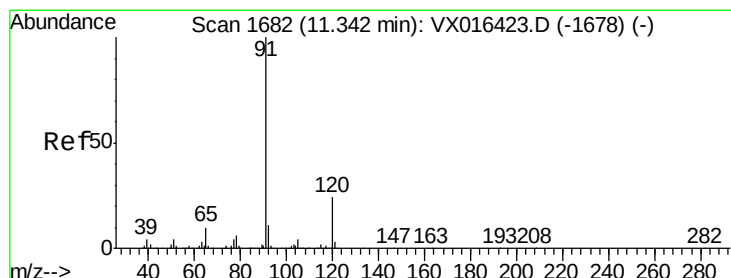
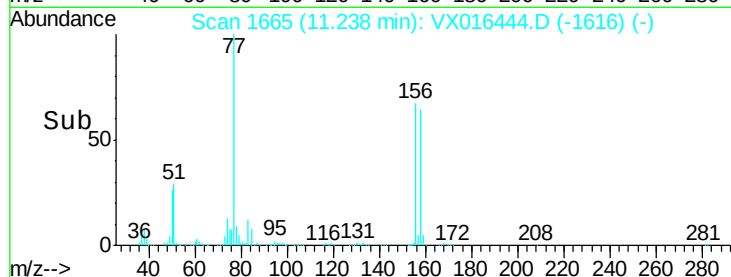
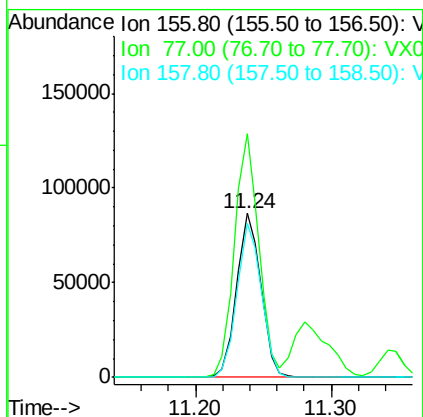
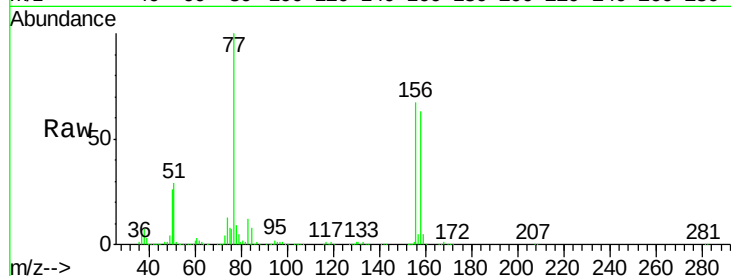
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.4	74.6	223.8
158	94.7	48.7	146.1

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#78

n-propylbenzene

Concen: 48.567 ug/l

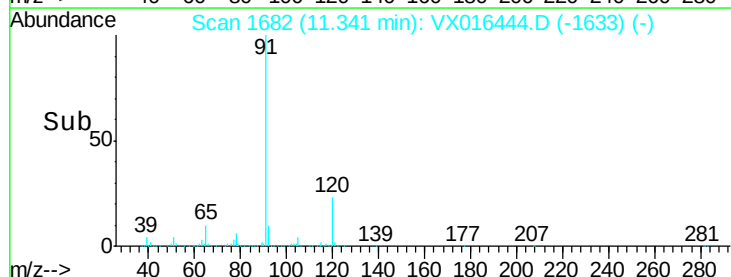
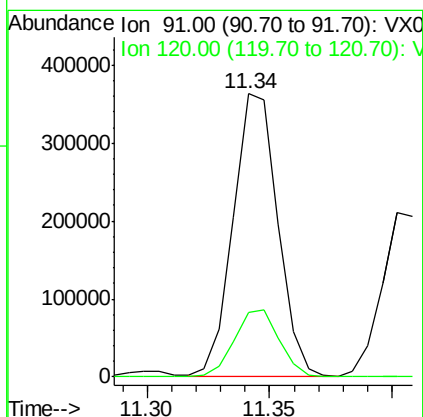
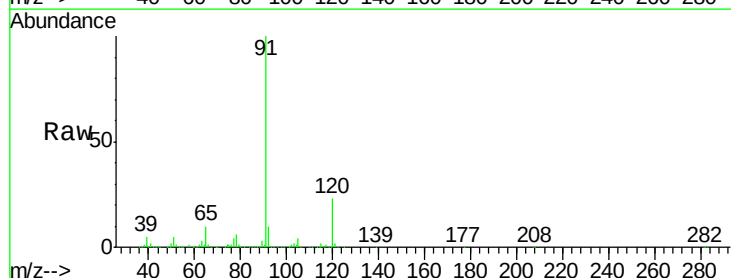
RT: 11.34 min Scan# 1682

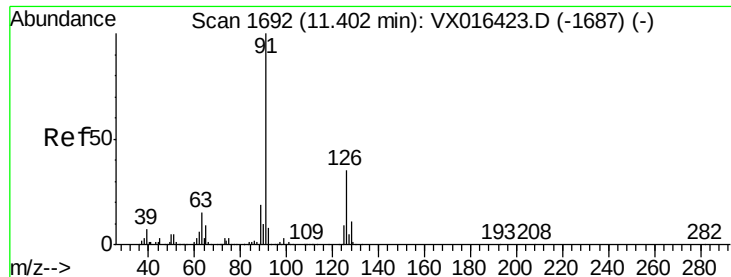
Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.1	36.3





#79

2-Chlorotoluene

Concen: 48.338 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 270208

Ion Ratio Lower Upper

91 100

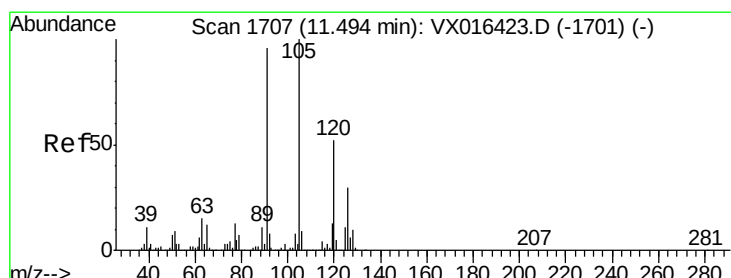
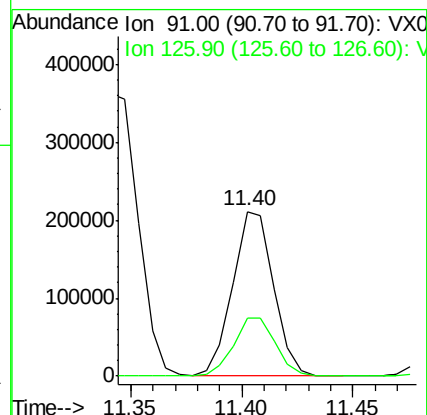
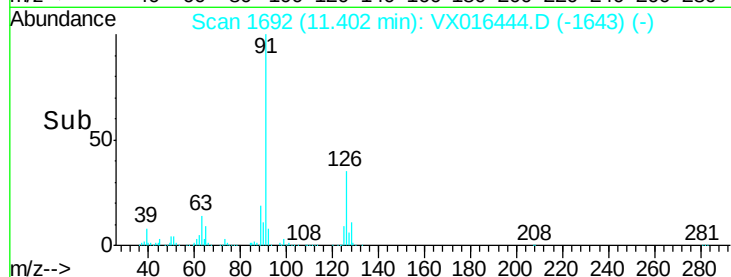
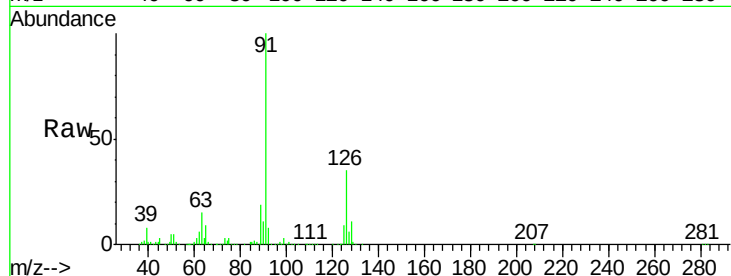
126 36.3 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 48.586 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016444.D

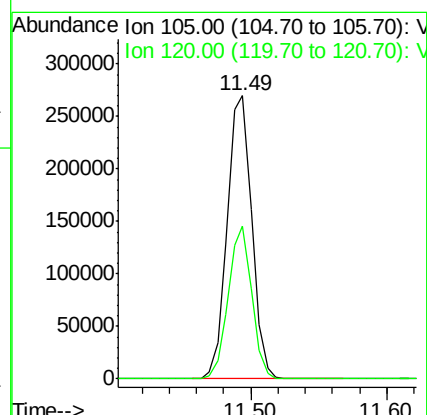
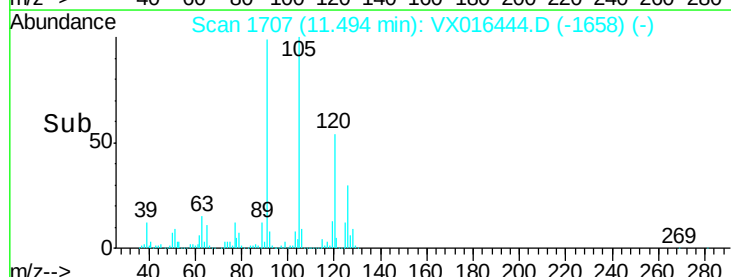
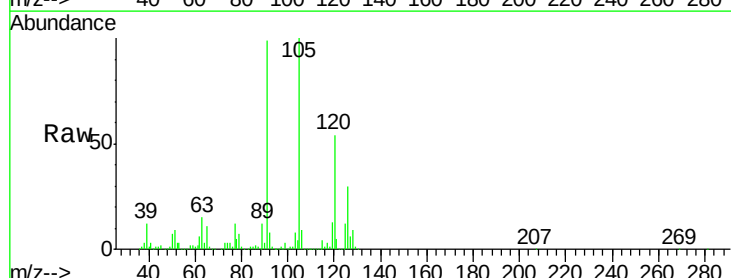
Acq: 26 May 2020 22:37

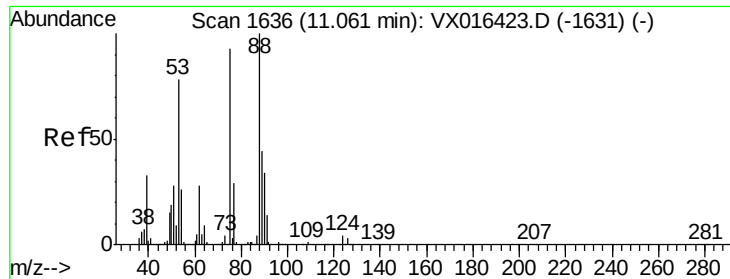
Tgt Ion: 105 Resp: 337586

Ion Ratio Lower Upper

105 100

120 51.4 25.0 75.0





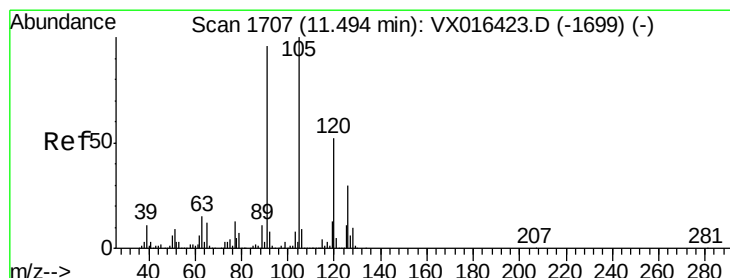
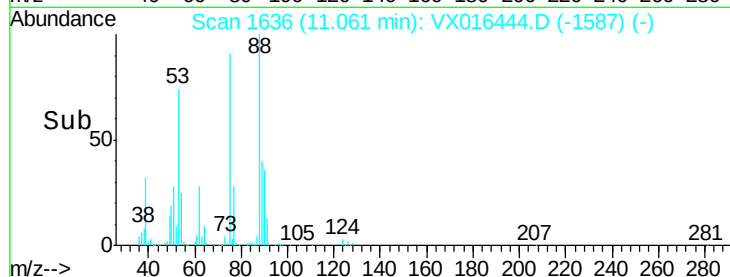
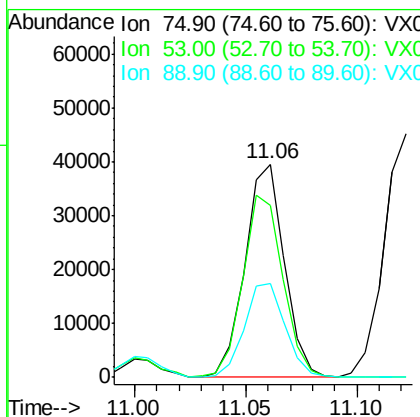
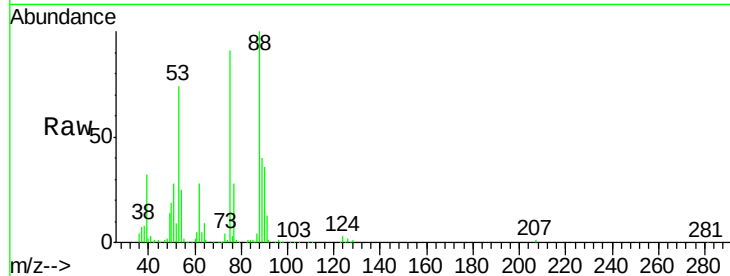
#81
trans-1,4-Dichloro-2-butene
Concen: 45.602 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.8	69.4	104.2
89	46.2	37.0	55.6

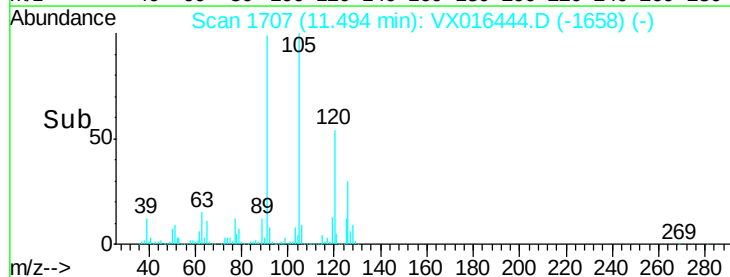
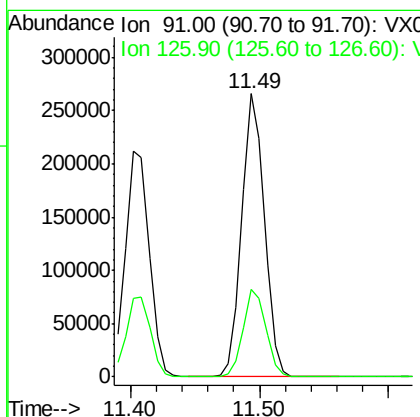
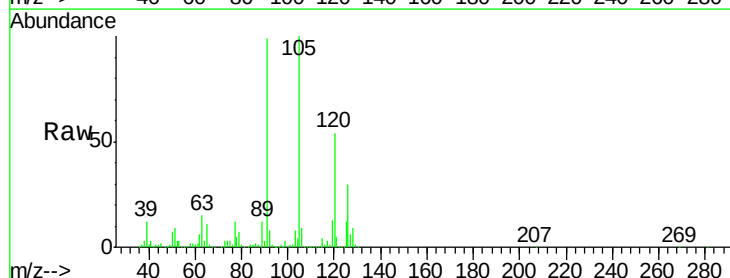
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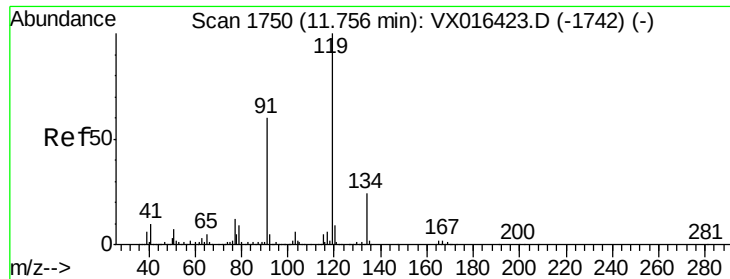
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#82
4-Chlorotoluene
Concen: 48.355 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.0





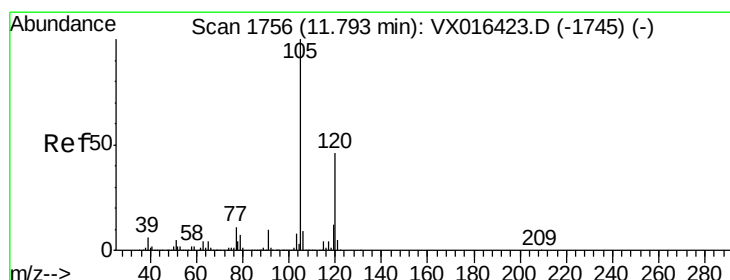
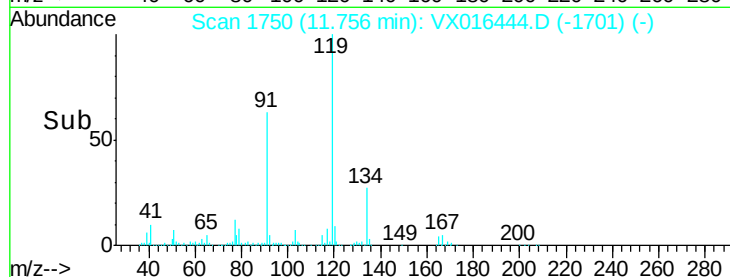
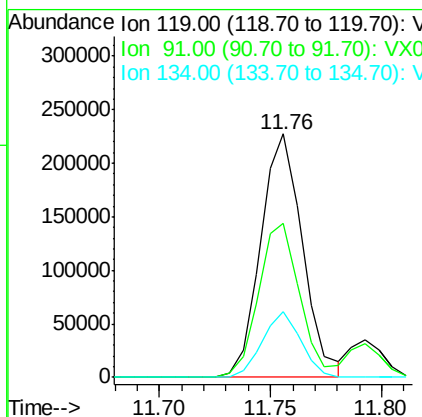
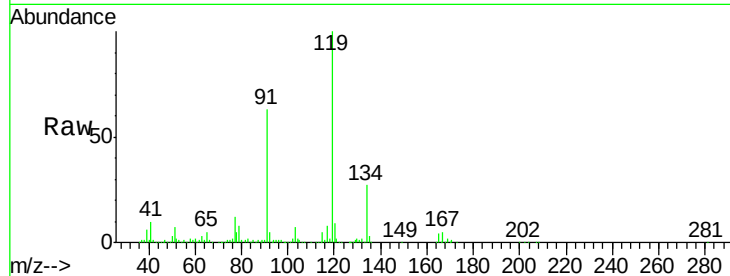
#83
 tert-Butylbenzene
 Concen: 49.987 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	297001		
91	61.5	30.8	92.3	
134	24.9	12.3	36.9	

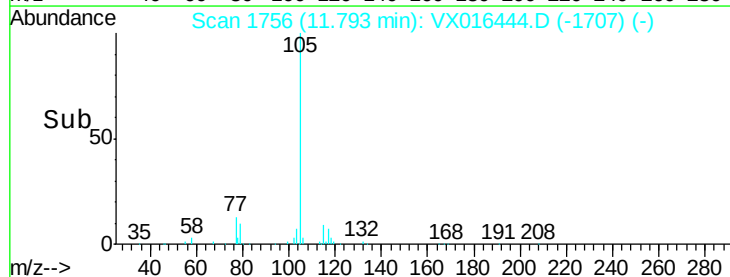
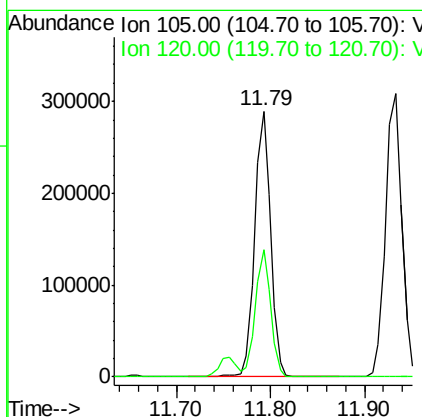
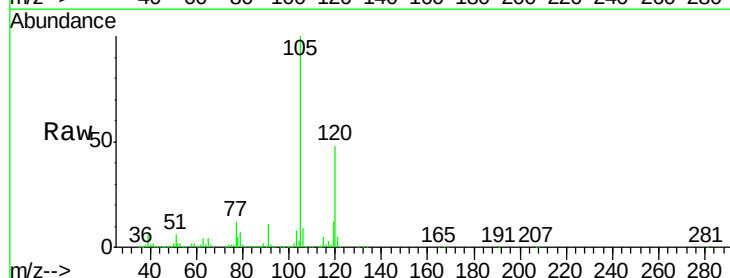
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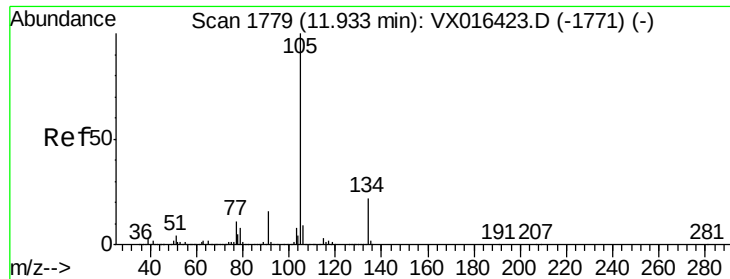
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.445 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	346235		
120	46.3	23.2	69.6	





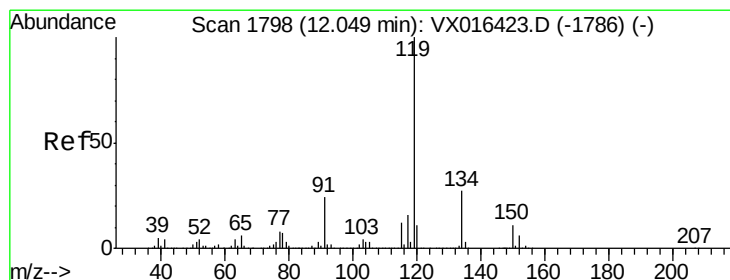
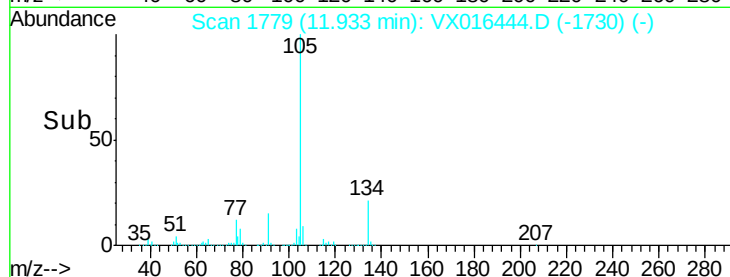
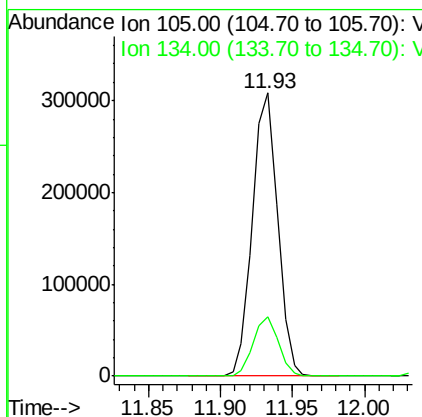
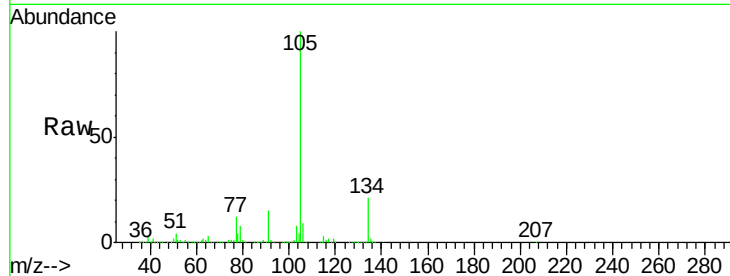
#85
 sec-Butylbenzene
 Concen: 49.461 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.5	31.6

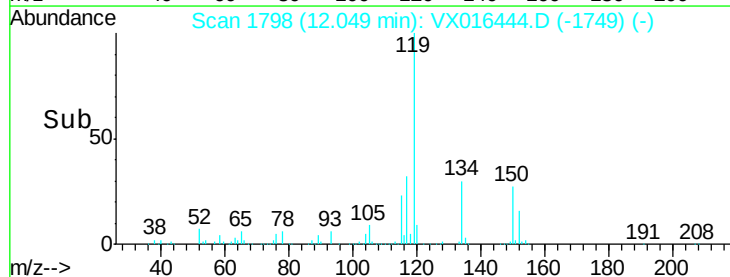
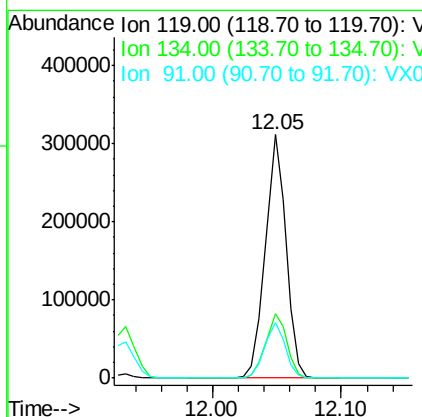
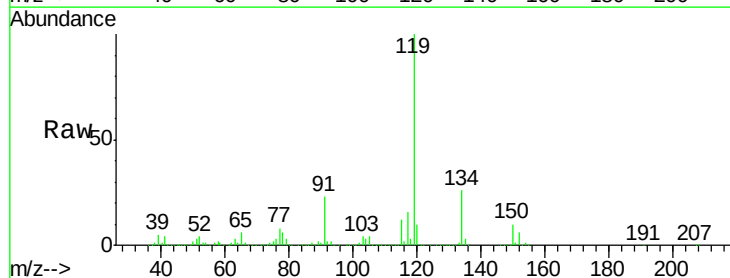
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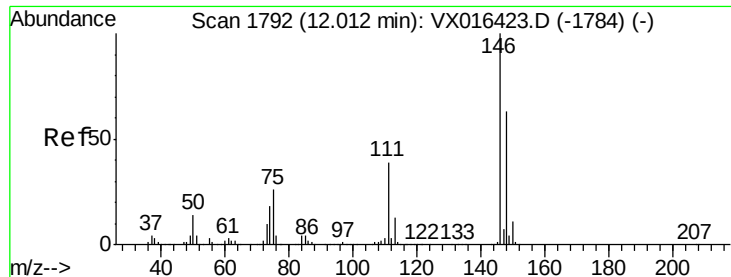
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#86
 p-Isopropyltoluene
 Concen: 49.404 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.8	41.3
91	22.9	11.9	35.5





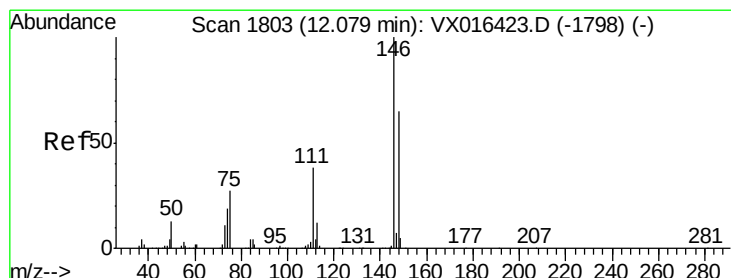
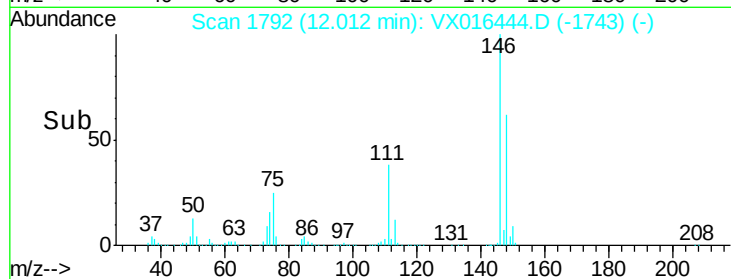
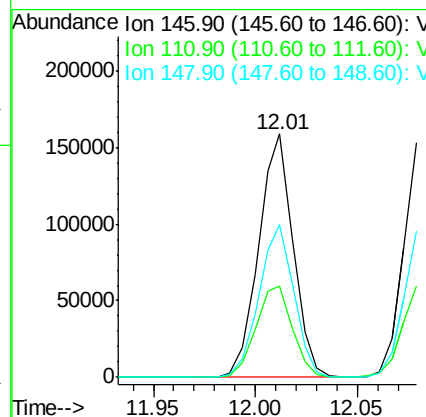
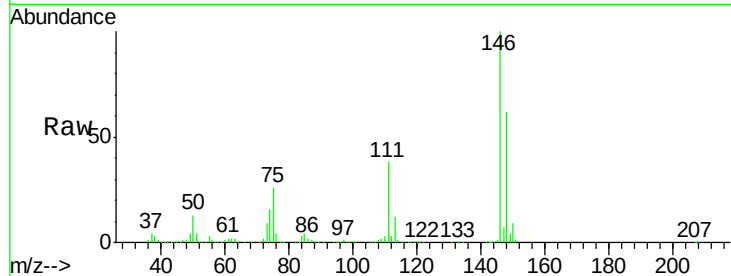
#87
 1,3-Dichlorobenzene
 Concen: 48.937 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.4	31.4	94.2

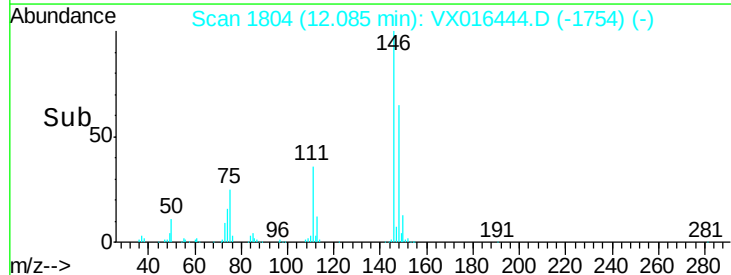
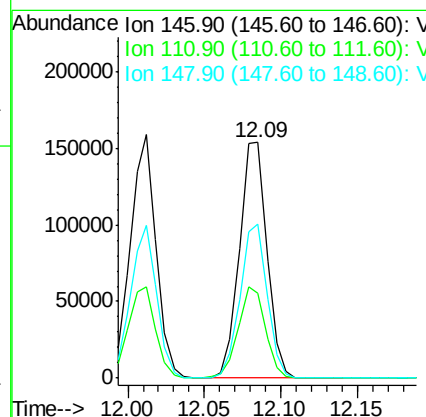
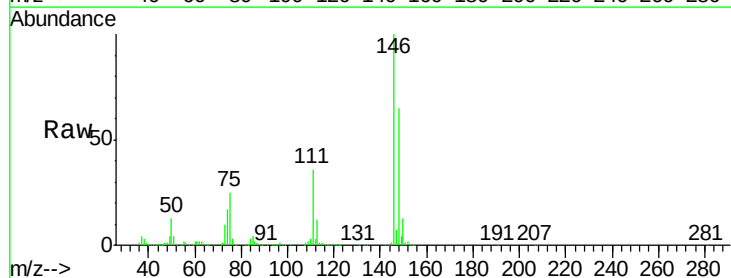
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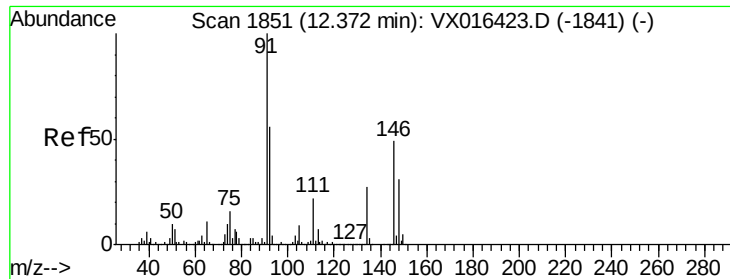
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#88
 1,4-Dichlorobenzene
 Concen: 49.742 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.2	57.6
148	64.2	33.1	99.2





#89

n-Butylbenzene

Concen: 47.191 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

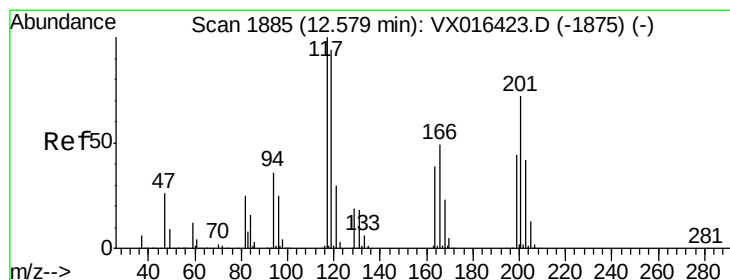
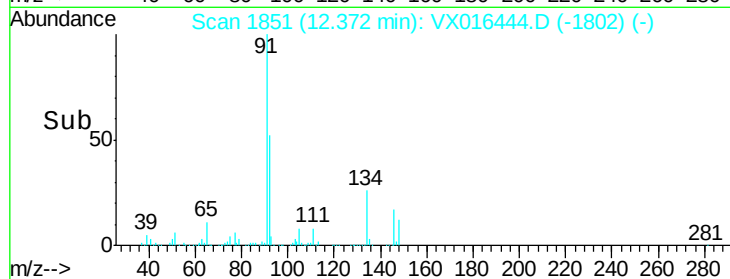
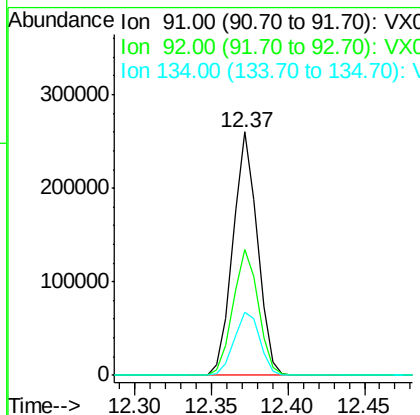
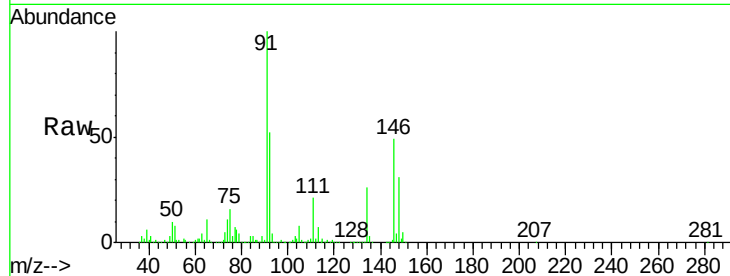
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	287912
Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.6	82.8
134	27.3	13.7	41.1

Manual Integrations
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#90

Hexachloroethane

Concen: 49.049 ug/l

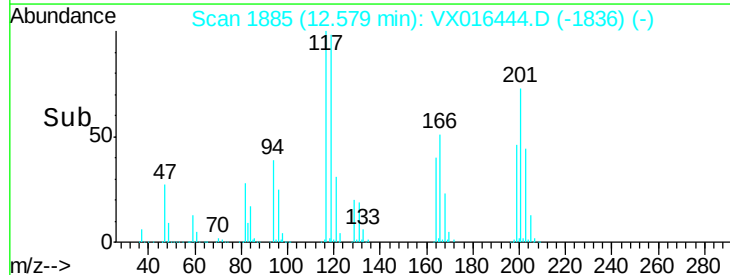
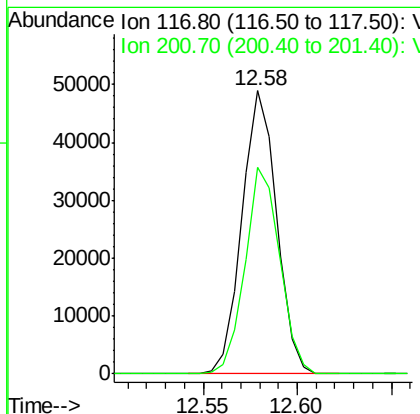
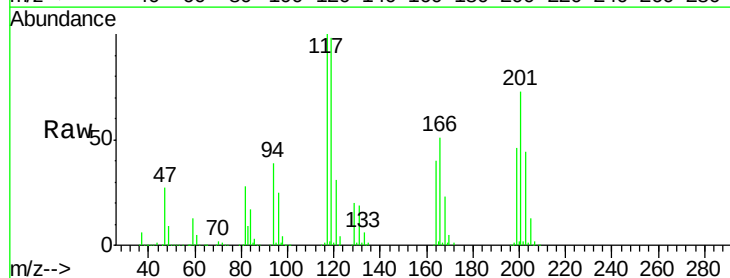
RT: 12.58 min Scan# 1885

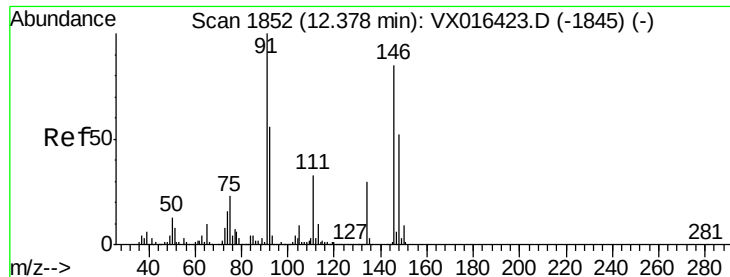
Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion:	117	Resp:	62509
Ion	Ratio	Lower	Upper
117	100		
201	72.8	37.6	112.9





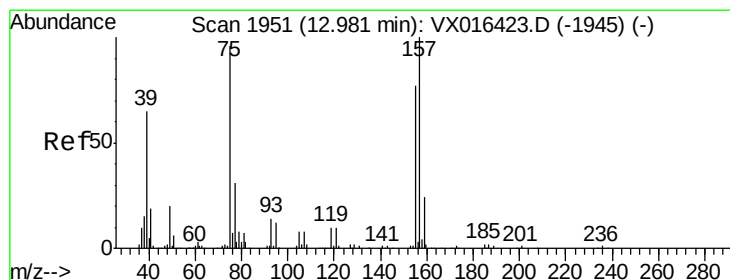
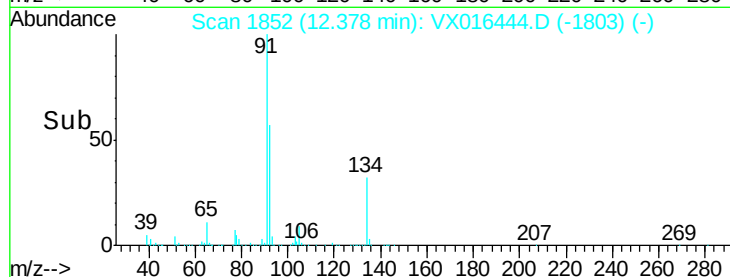
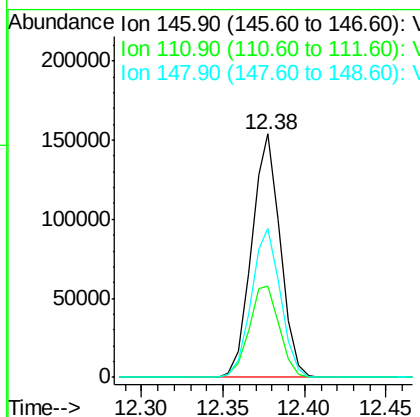
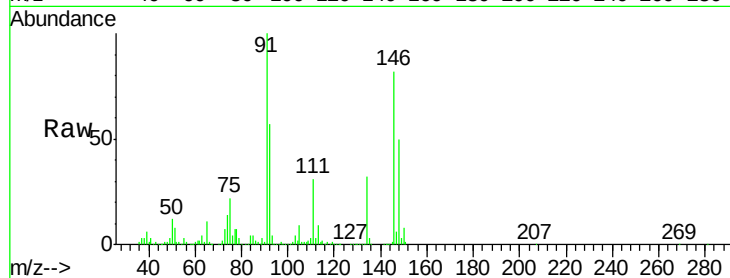
#91
 1,2-Dichlorobenzene
 Concen: 49.802 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.3
148	62.4	31.6	94.8

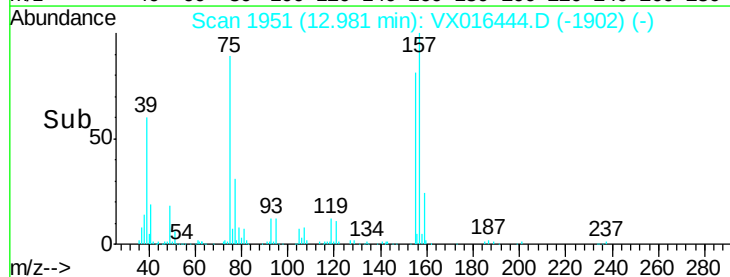
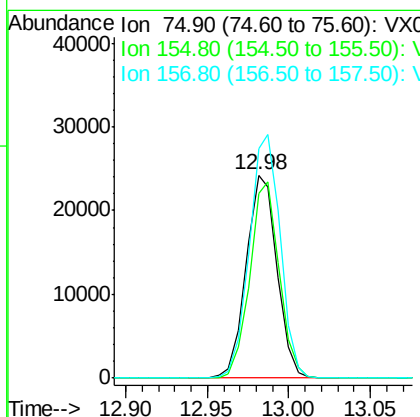
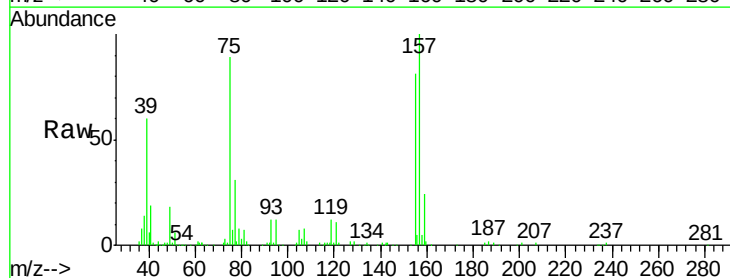
Manual Integrations
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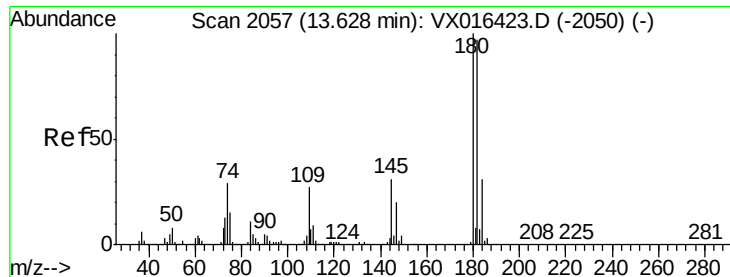
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.148 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	44.8	134.4
157	120.1	57.8	173.4





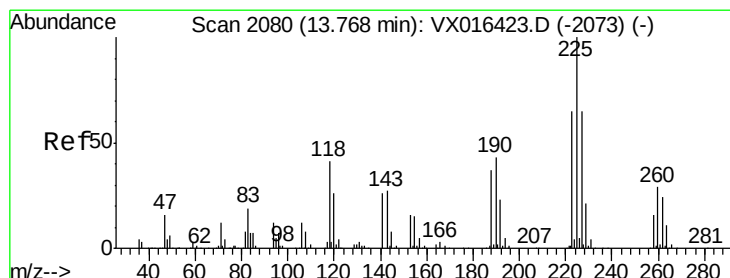
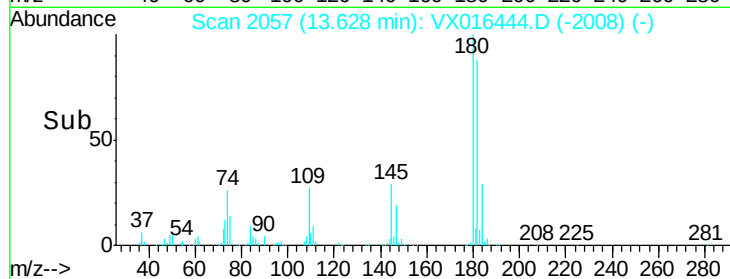
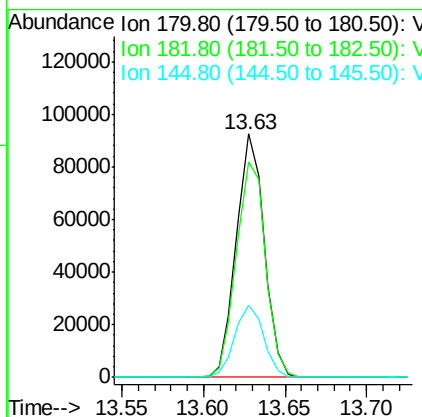
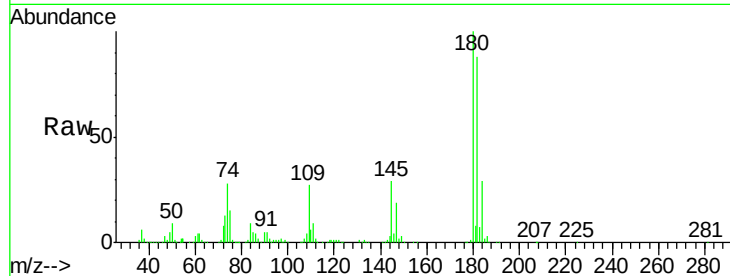
#93
 1,2,4-Trichlorobenzene
 Concen: 47.340 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	110926		
182	92.7	48.6	145.8	
145	30.5	15.5	46.5	

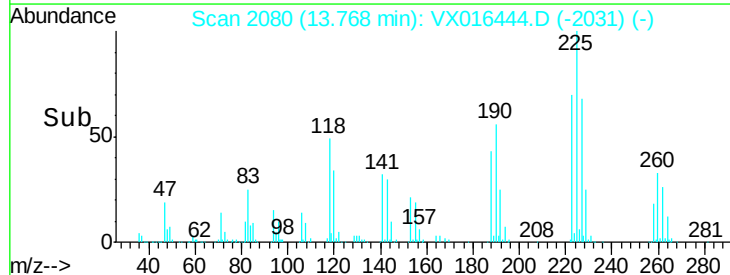
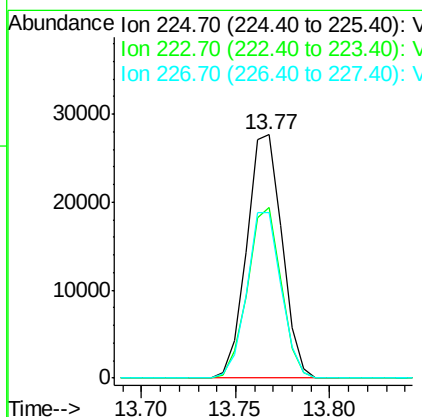
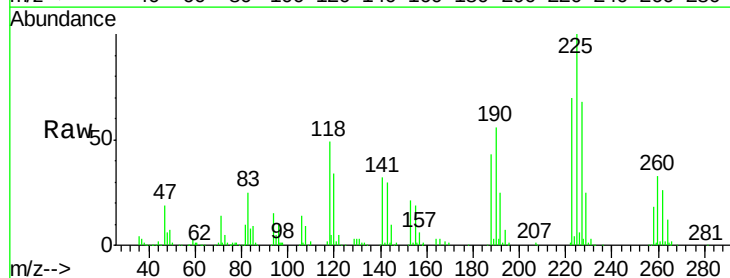
Manual Integrations
 APPROVED

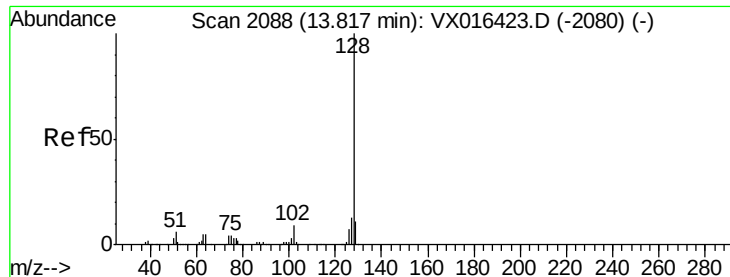
MMDadoda
 5/27/2020 12:26:57 PM



#94
 Hexachlorobutadiene
 Concen: 42.604 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35998		
223	66.7	32.6	98.0	
227	66.0	32.5	97.4	





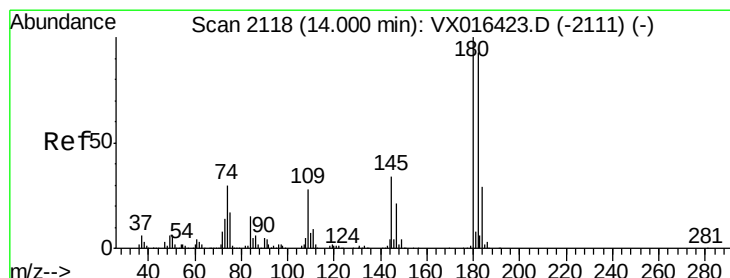
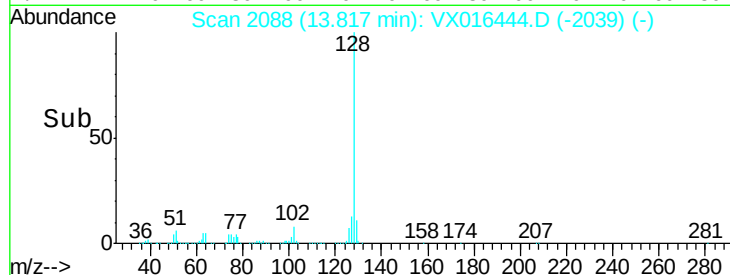
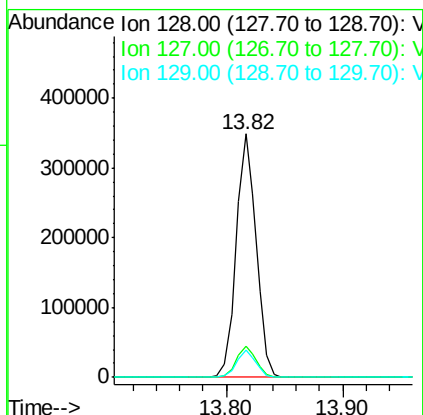
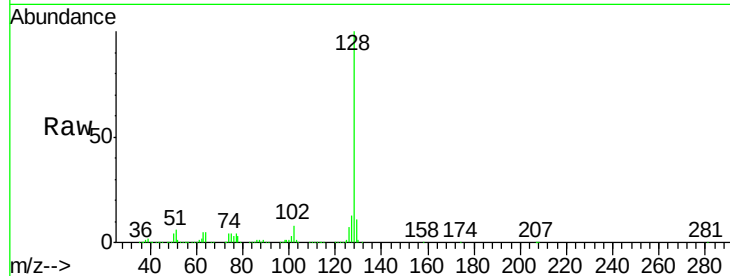
#95
Naphthalene
Concen: 49.608 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	416517		
127	12.8	10.5	15.7	
129	10.8	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:26:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.645 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110168		
182	98.3	48.2	144.6	
145	33.4	16.3	48.9	

