

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008256.D
 Acq On : 20 Mar 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 2:46:20 PM

Quant Time: Mar 22 07:36:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	477570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	423202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198620	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	195728	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	5.50	113	150139	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	8.71	98	568296	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
62) 4-Bromofluorobenzene	11.13	95	202136	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	171986	49.783	ug/l	99
3) Chloromethane	1.33	50	193567	44.652	ug/l	97
4) Vinyl Chloride	1.41	62	201470	46.614	ug/l	98
5) Bromomethane	1.64	94	174238	47.325	ug/l	99
6) Chloroethane	1.72	64	178760	65.964	ug/l	95
7) Trichlorofluoromethane	1.93	101	253636	45.983	ug/l	98
8) Diethyl Ether	2.19	74	143633	50.612	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	178663	48.785	ug/l	91
10) Methyl Iodide	2.51	142	249585	53.524	ug/l	97
11) Tert butyl alcohol	3.05	59	229253	249.534	ug/l	99
12) 1,1-Dichloroethene	2.37	96	173529	50.190	ug/l	92
13) Acrolein	2.30	56	75383	110.709	ug/l	99
14) Allyl chloride	2.73	41	379569	50.432	ug/l	93
15) Acrylonitrile	3.14	53	612649	252.115	ug/l	99
16) Acetone	2.45	43	539004	221.444	ug/l	96
17) Carbon Disulfide	2.57	76	529479	46.958	ug/l	100
18) Methyl Acetate	2.78	43	303964	53.942	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	642150	51.367	ug/l	98
20) Methylene Chloride	2.86	84	201445	49.632	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	184682	49.445	ug/l	93
22) Diisopropyl ether	3.86	45	762542	51.731	ug/l	92
23) Vinyl Acetate	3.82	43	3313069	262.155	ug/l	98
24) 1,1-Dichloroethane	3.70	63	381751	50.353	ug/l	98
25) 2-Butanone	4.67	43	897132	249.690	ug/l	97
26) 2,2-Dichloropropane	4.59	77	257332	45.057	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	214040	50.268	ug/l	92
28) Bromochloromethane	5.02	49	167283	49.139	ug/l	83
29) Tetrahydrofuran	5.13	42	591195	263.212	ug/l	97
30) Chloroform	5.21	83	362219	51.076	ug/l	100
31) Cyclohexane	5.58	56	358166	50.310	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	303125	51.383	ug/l	97
36) 1,1-Dichloropropene	5.81	75	275280	49.509	ug/l	96
37) Ethyl Acetate	4.84	43	343217	52.218	ug/l	97
38) Carbon Tetrachloride	5.79	117	253402	51.150	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	326678	48.823	ug/l	93
40) Benzene	6.15	78	838268	50.937	ug/l	99
41) Methacrylonitrile	5.04	41	194923	52.870	ug/l	96
42) 1,2-Dichloroethane	6.20	62	306306	50.808	ug/l	95
43) Isopropyl Acetate	6.45	43	548899	52.101	ug/l	97
44) Trichloroethene	7.21	130	198209	49.258	ug/l	91
45) 1,2-Dichloropropane	7.51	63	231582	50.268	ug/l	98
46) Dibromomethane	7.66	93	139255	49.924	ug/l	88
47) Bromodichloromethane	7.90	83	276805	52.071	ug/l	99
48) Methyl methacrylate	7.77	41	289842	51.741	ug/l	94
49) 1,4-Dioxane	7.74	88	99450	1006.044	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1774213	260.493	ug/l	97
52) Toluene	8.79	92	493980	50.596	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	309247	46.553	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	340059	51.545	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	204580	51.862	ug/l	98
56) Ethyl methacrylate	9.18	69	339978	49.144	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	363140	52.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	769641	238.131	ug/l	94
59) 2-Hexanone	9.49	43	1333114	254.235	ug/l	96
60) Dibromochloromethane	9.58	129	203106	53.575	ug/l	98
61) 1,2-Dibromoethane	9.67	107	212223	51.524	ug/l	100
64) Tetrachloroethene	9.34	164	183851	48.153	ug/l	95
65) Chlorobenzene	10.13	112	520208	49.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	191564	52.762	ug/l	99
67) Ethyl Benzene	10.25	91	937197	51.072	ug/l	98
68) m/p-Xylenes	10.36	106	686990	101.915	ug/l	93
69) o-Xylene	10.69	106	338148	51.625	ug/l	95
70) Styrene	10.71	104	554859	52.124	ug/l	96
71) Bromoform	10.85	173	150267	48.122	ug/l #	100
73) Isopropylbenzene	11.02	105	896306	50.627	ug/l	98
74) N-amyl acetate	10.90	43	473593	51.058	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315908	49.763	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	272323m	48.747	ug/l	
77) Bromobenzene	11.26	156	213884	49.967	ug/l	86
78) n-propylbenzene	11.36	91	1046087	50.873	ug/l	96
79) 2-Chlorotoluene	11.42	91	616382	49.943	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	743350	50.823	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	97553	44.675	ug/l	93
82) 4-Chlorotoluene	11.51	91	712632	49.620	ug/l	95
83) tert-Butylbenzene	11.77	119	713268	51.078	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	751513	50.682	ug/l	98
85) sec-Butylbenzene	11.94	105	884153	51.128	ug/l	97
86) p-Isopropyltoluene	12.06	119	758103	50.645	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	381338	49.849	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	381706	48.239	ug/l	98
89) n-Butylbenzene	12.38	91	694503	49.433	ug/l	97
90) Hexachloroethane	12.60	117	133651	52.425	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	382795	49.628	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68305	48.443	ug/l	81

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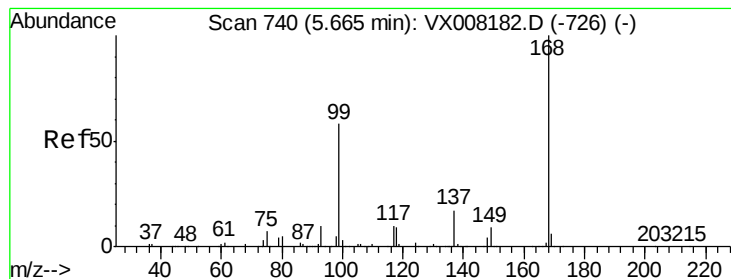
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	249836	49.174	ug/l	99
94) Hexachlorobutadiene	13.78	225	123226	49.730	ug/l	100
95) Naphthalene	13.83	128	829479	51.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	250777	50.163	ug/l	99

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



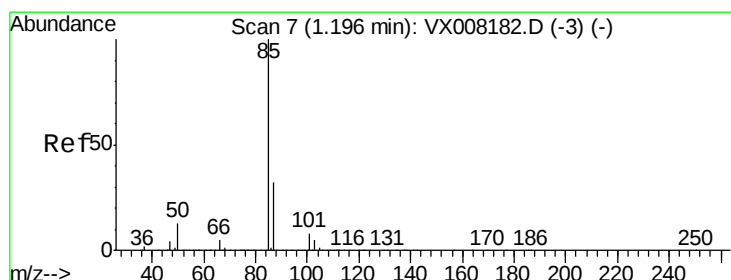
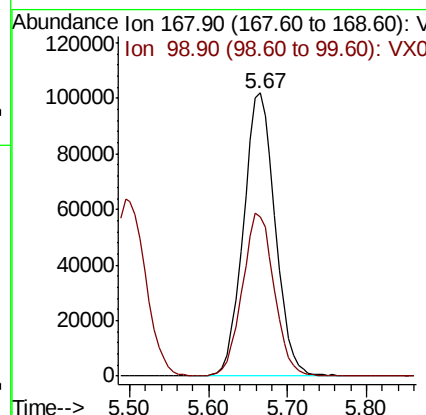
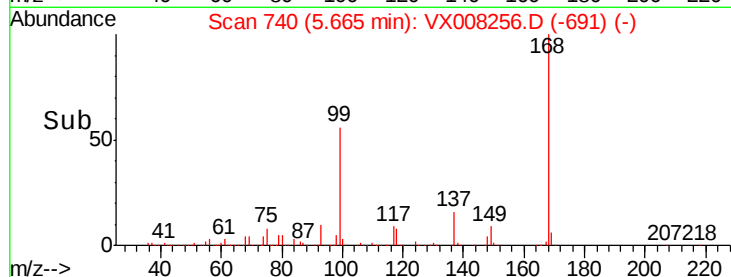
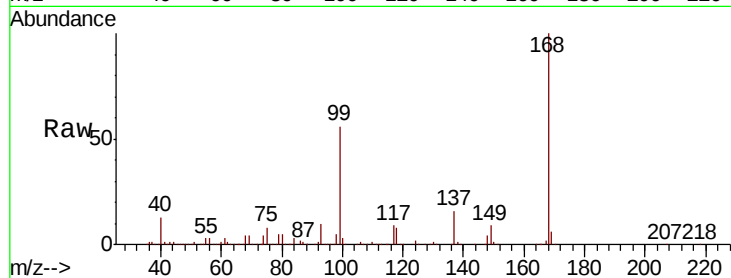
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.0	37.6	56.4

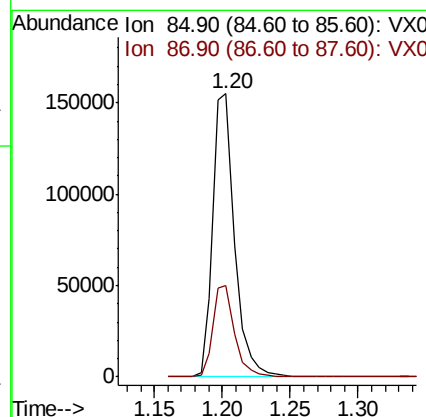
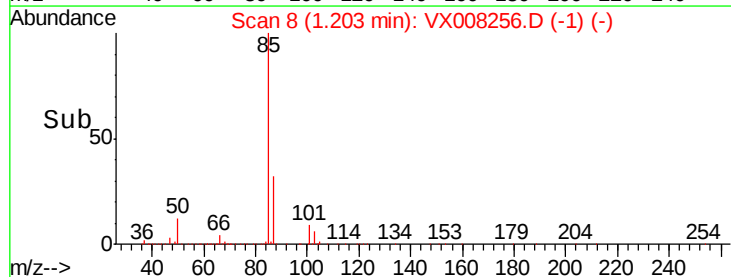
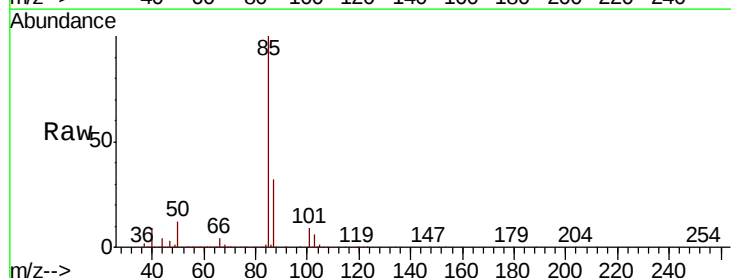
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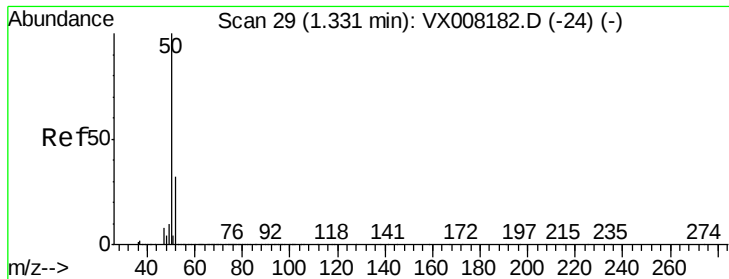
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#2
Dichlorodifluoromethane
Concen: 49.783 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.4	49.1





#3

Chloromethane

Concen: 44.652 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 193567

Ion Ratio Lower Upper

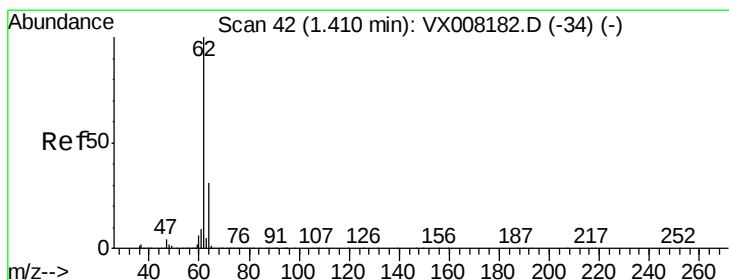
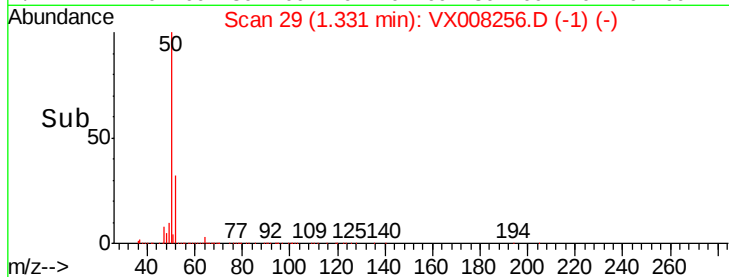
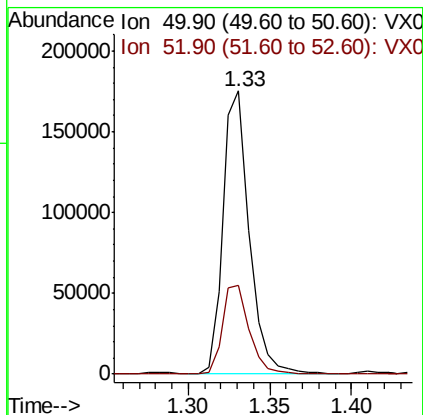
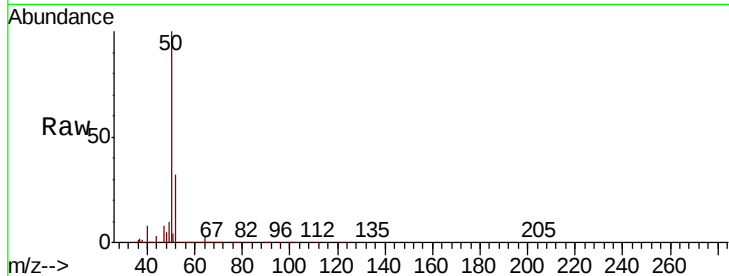
50 100

52 31.6 26.5 39.7

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#4

Vinyl Chloride

Concen: 46.614 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008256.D

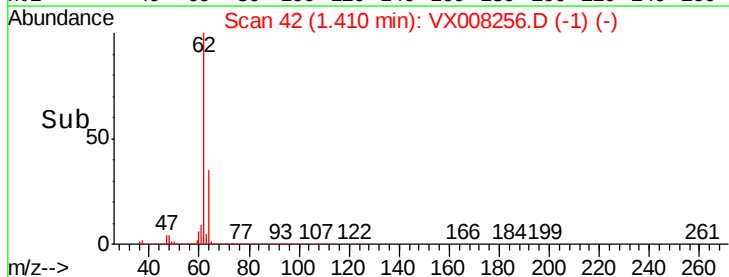
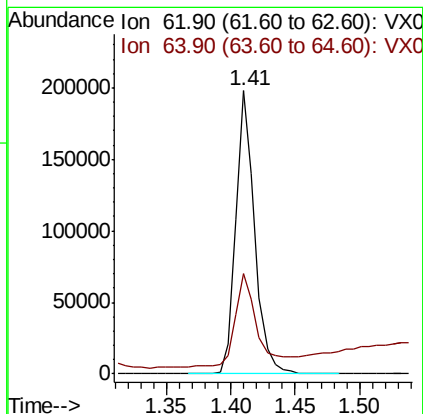
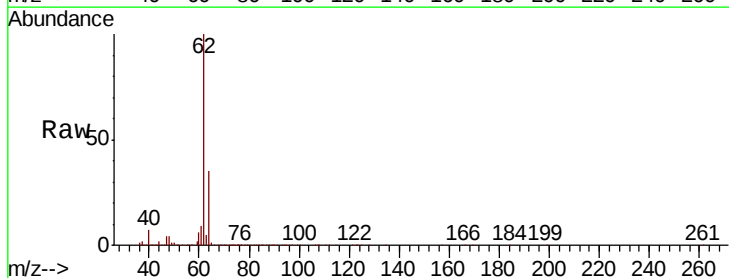
Acq: 20 Mar 2019 21:03

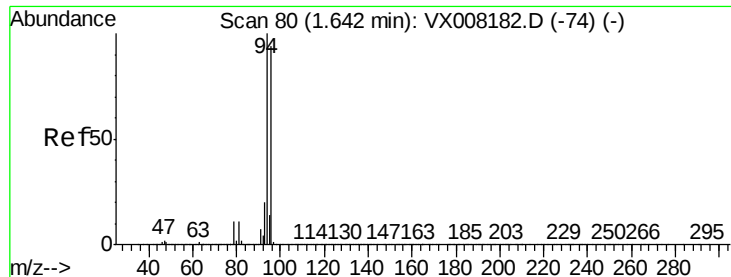
Tgt Ion: 62 Resp: 201470

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 47.325 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 174238

Ion Ratio Lower Upper

94 100

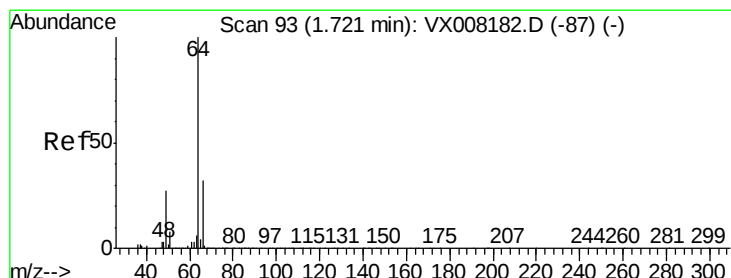
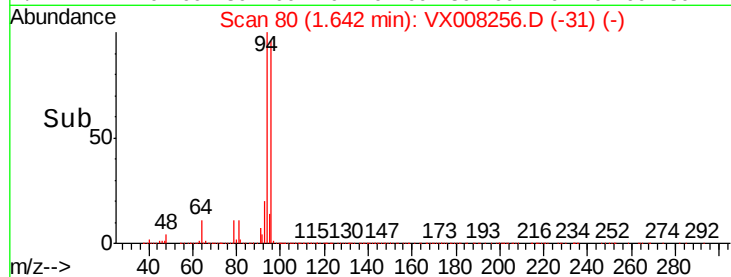
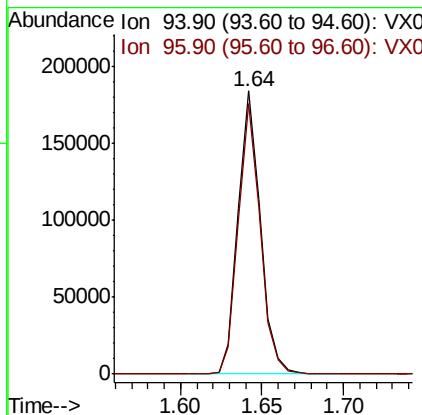
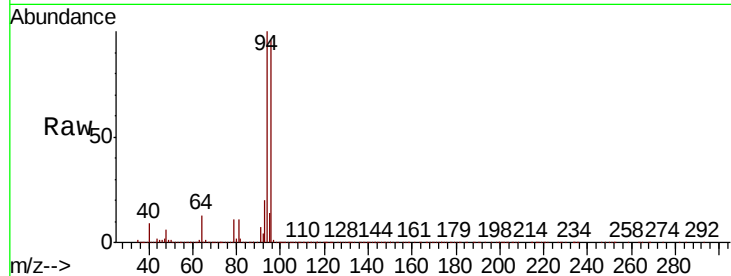
96 95.7 75.5 113.3

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#6

Chloroethane

Concen: 65.964 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008256.D

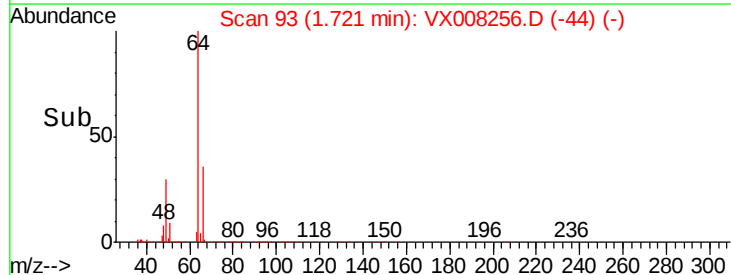
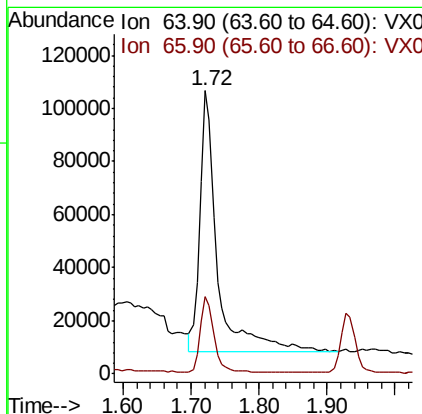
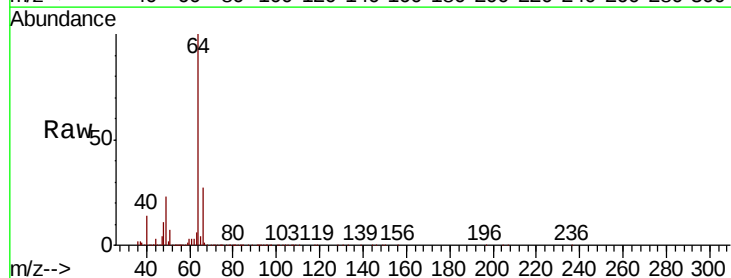
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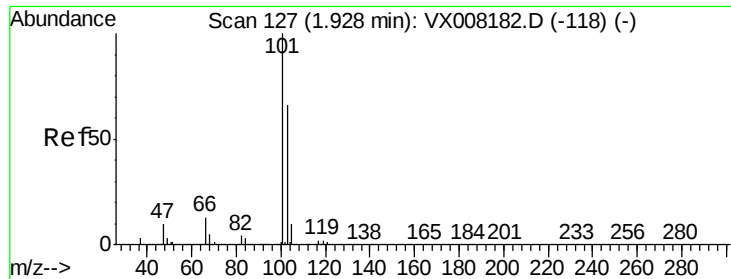
Tgt Ion: 64 Resp: 178760

Ion Ratio Lower Upper

64 100

66 28.8 25.2 37.8





#7

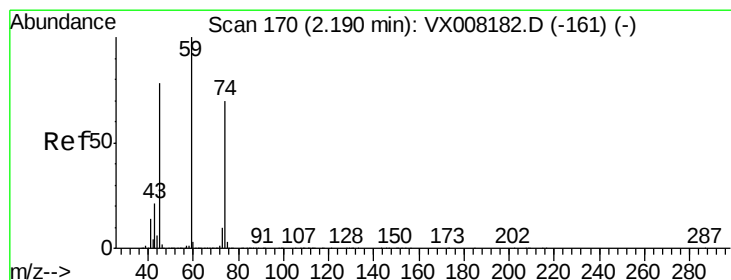
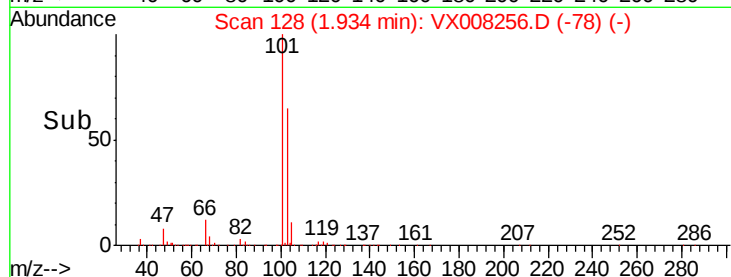
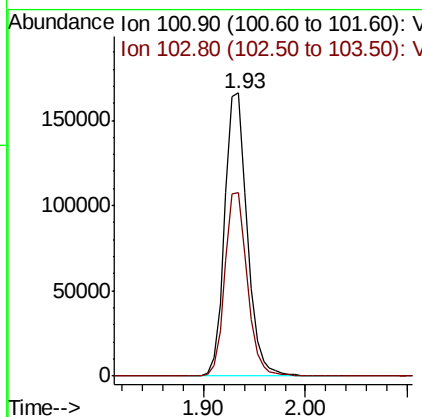
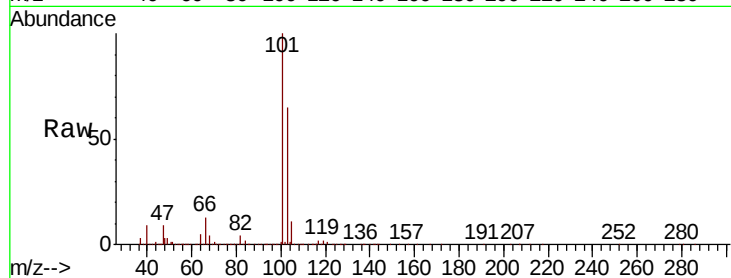
Trichlorofluoromethane
Concen: 45.983 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.4	75.6

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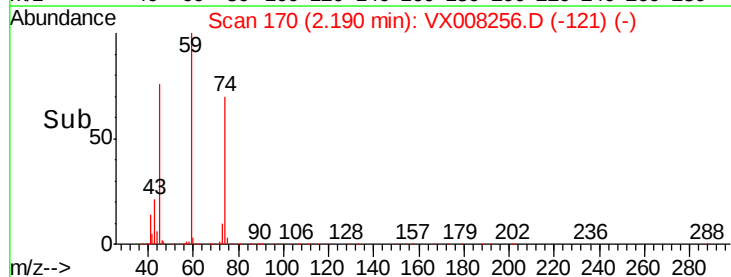
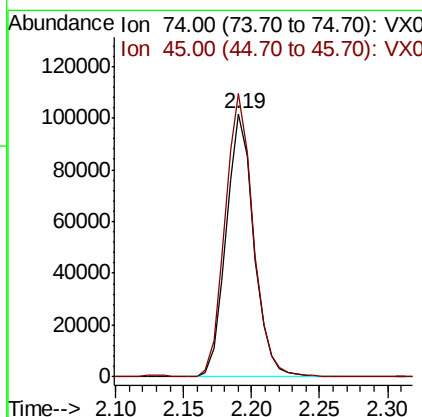
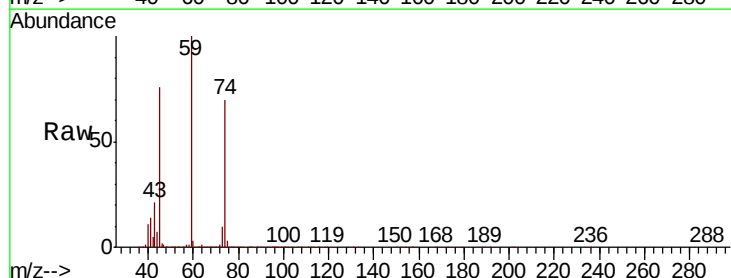
MMDadoda
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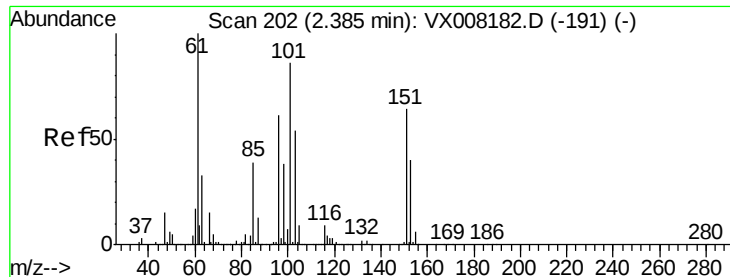


#8

Diethyl Ether
Concen: 50.612 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.0	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.785 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

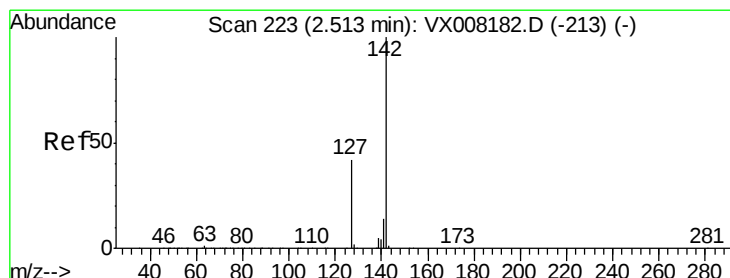
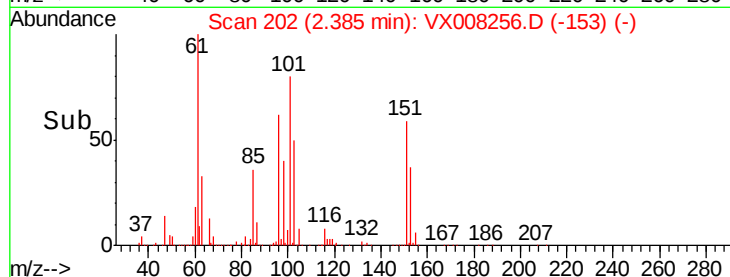
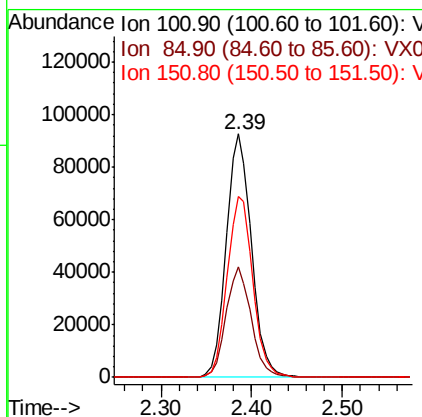
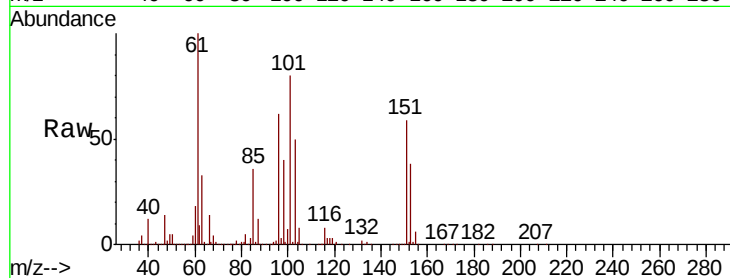
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	178663
Ion Ratio	Lower	Upper	
101	100		
85	45.1	33.8	50.6
151	75.8	69.1	103.7

Manual Integrations
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#10

Methyl Iodide

Concen: 53.524 ug/l

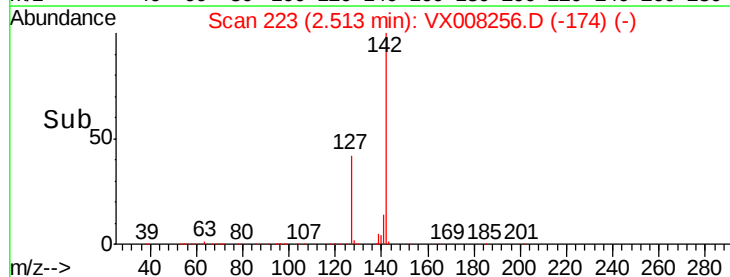
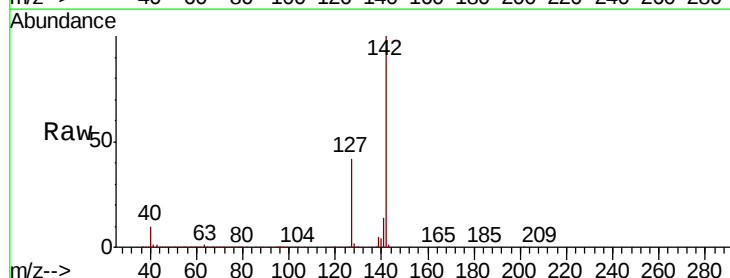
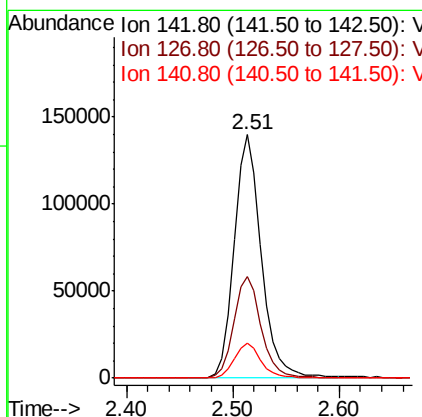
RT: 2.51 min Scan# 223

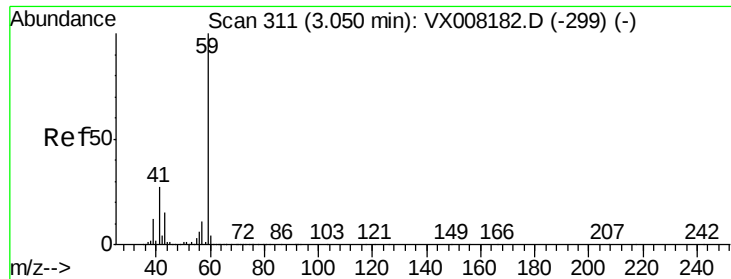
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	142	Resp:	249585
Ion Ratio	Lower	Upper	
142	100		
127	42.7	32.1	48.1
141	14.3	11.4	17.2





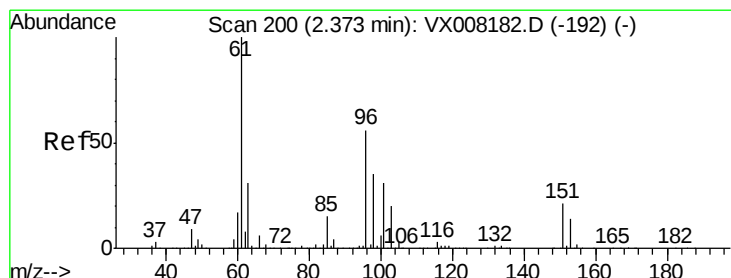
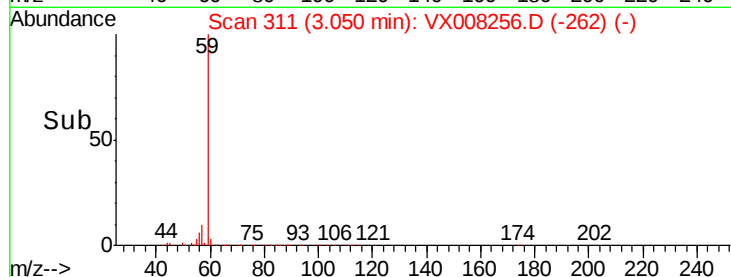
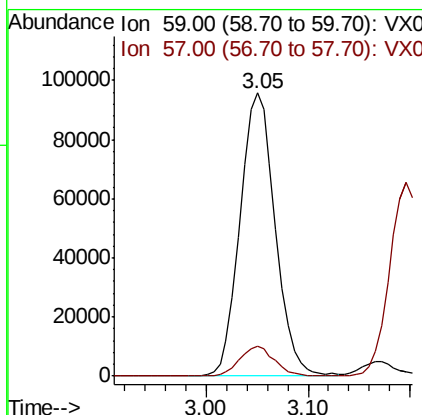
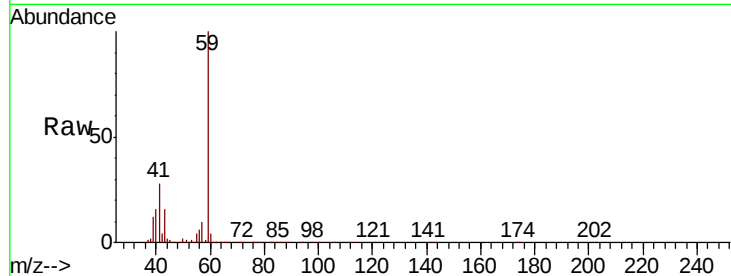
#11
Tert butyl alcohol
Concen: 249.534 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 229253
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

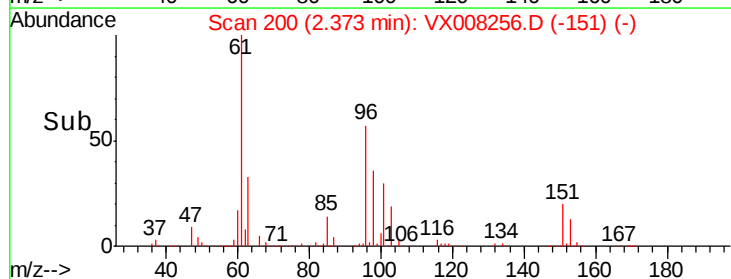
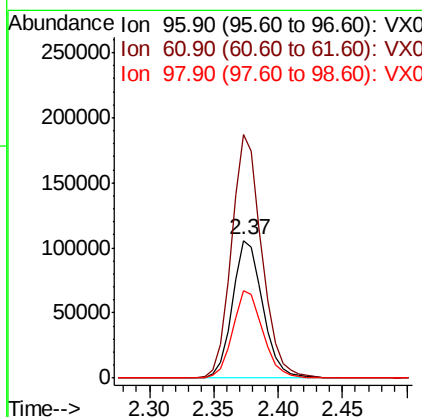
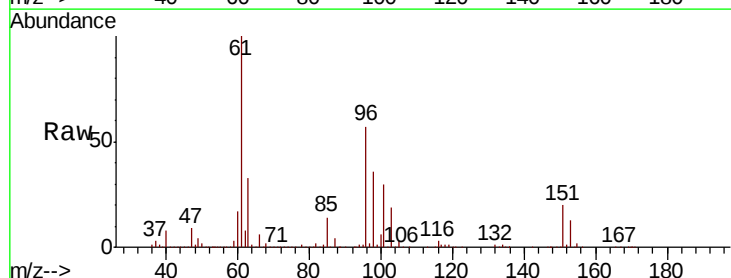
Manual Integrations
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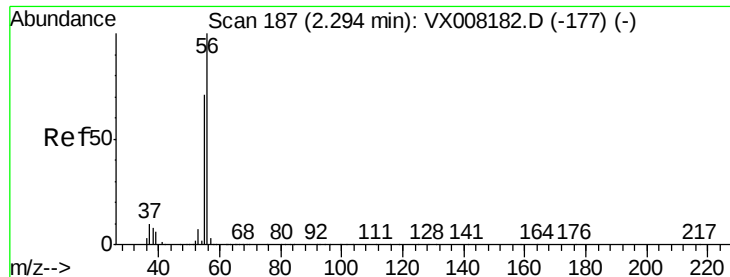
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.190 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 96 Resp: 173529
Ion Ratio Lower Upper
96 100
61 176.8 129.8 194.6
98 63.8 51.0 76.6





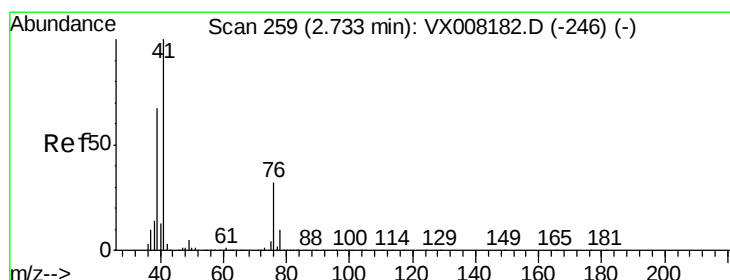
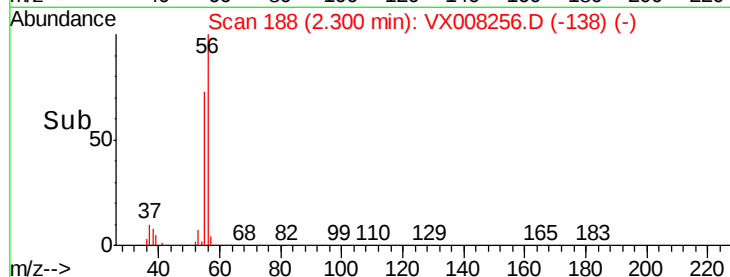
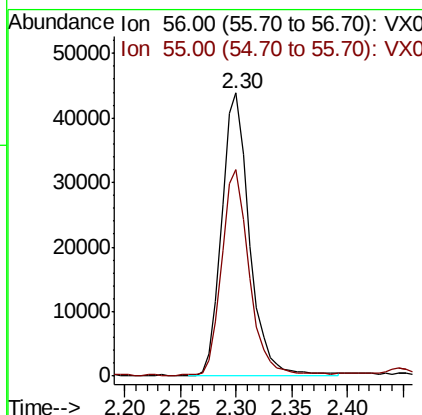
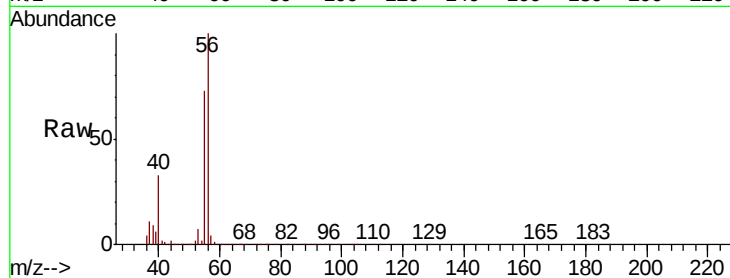
#13
Acrolein
Concen: 110.709 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	Lower	Upper
56	100				
55	72.7		57.8	86.6	

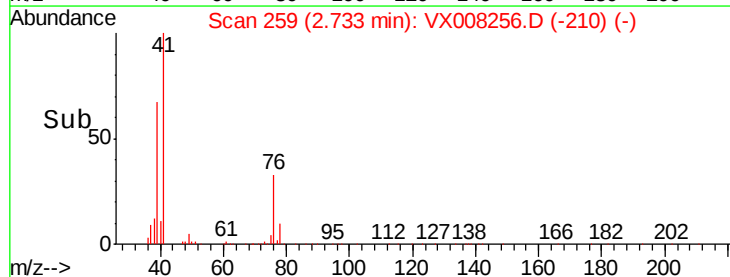
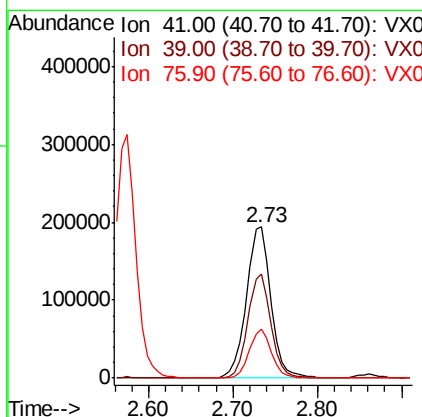
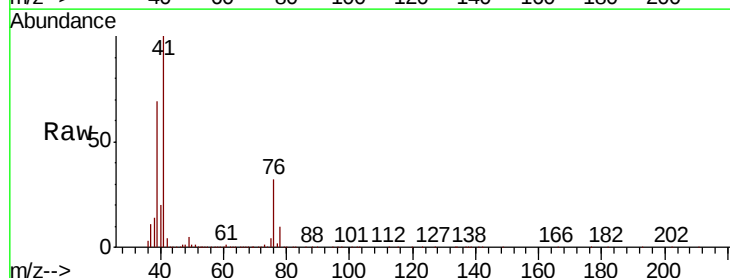
Manual Integrations
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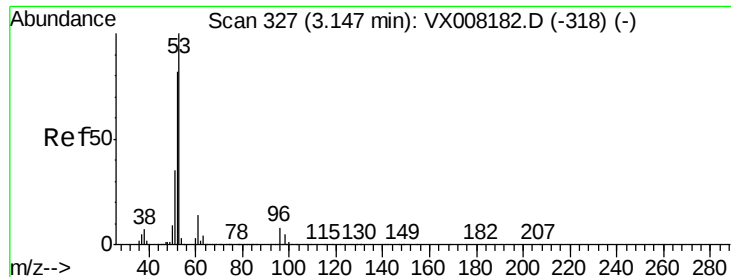
MMDadoda
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#14
Allyl chloride
Concen: 50.432 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	41	39	76	Ratio	Lower	Upper
41	100					
39	64.5		29.2	46.1	69.1	
76	29.2			24.0	36.0	





#15

Acrylonitrile

Concen: 252.115 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

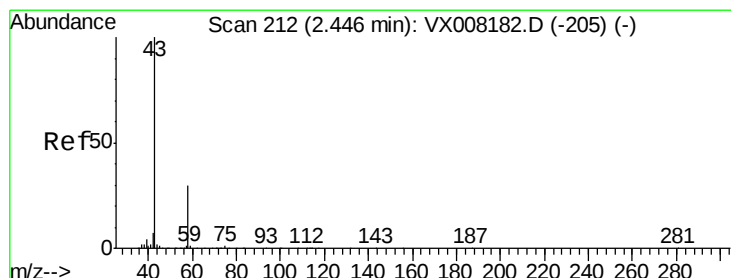
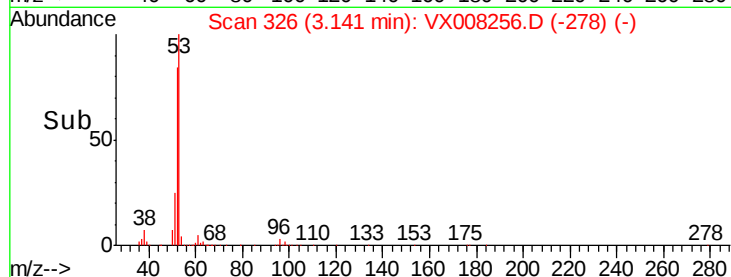
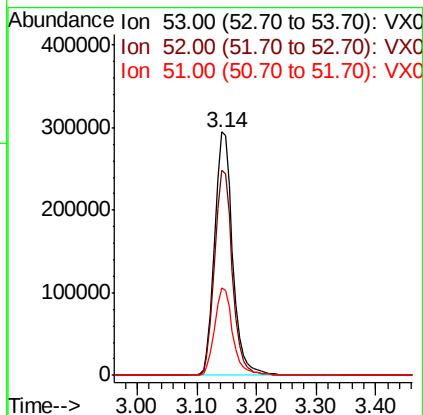
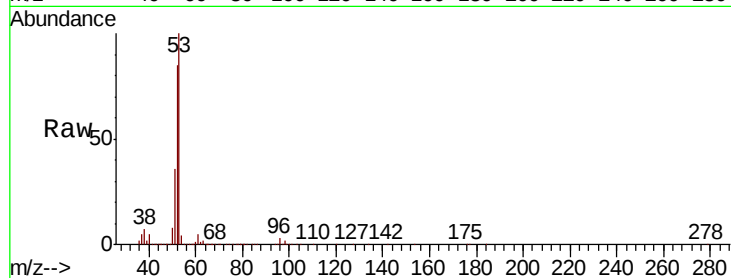
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	612649
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.0	99.0
51	36.3	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 221.444 ug/l

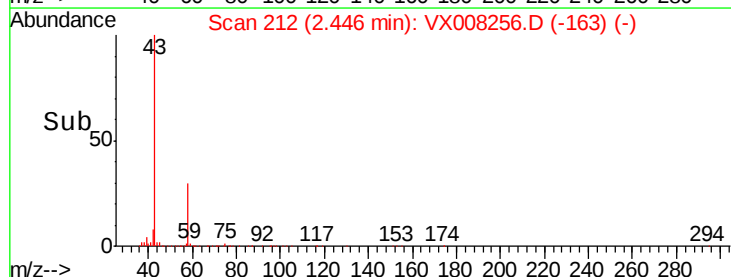
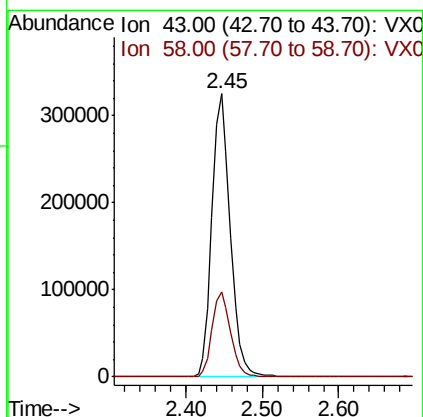
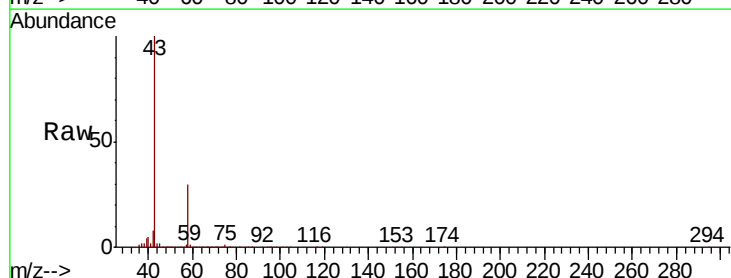
RT: 2.45 min Scan# 212

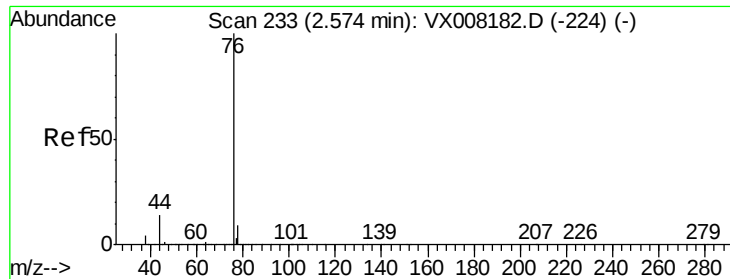
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	43	Resp:	539004
Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.5	38.3





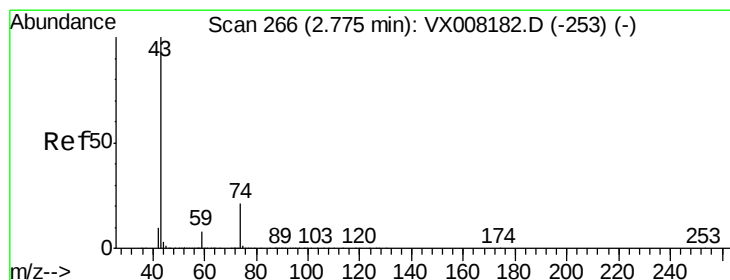
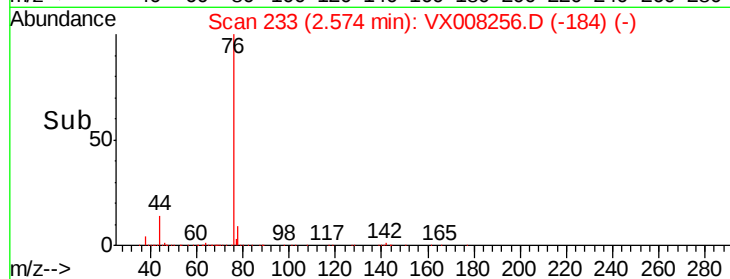
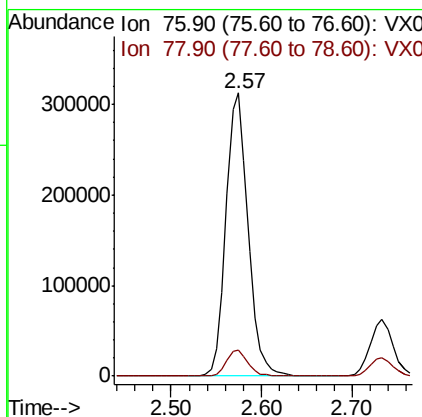
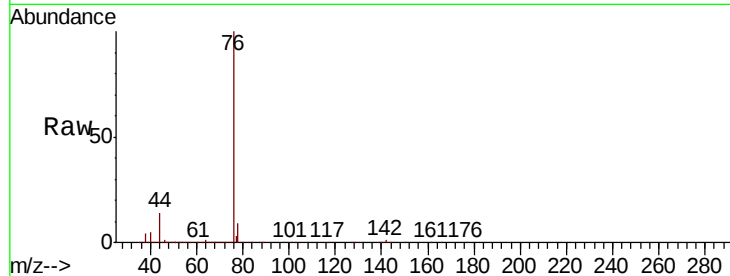
#17
Carbon Disulfide
Concen: 46.958 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

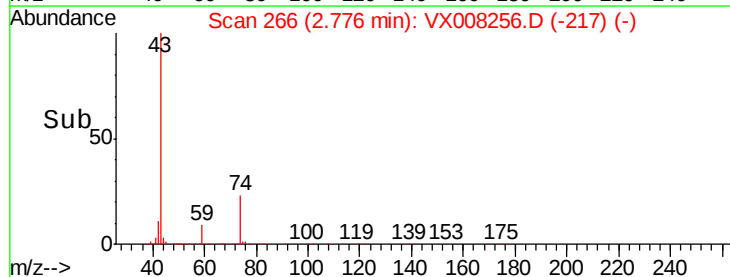
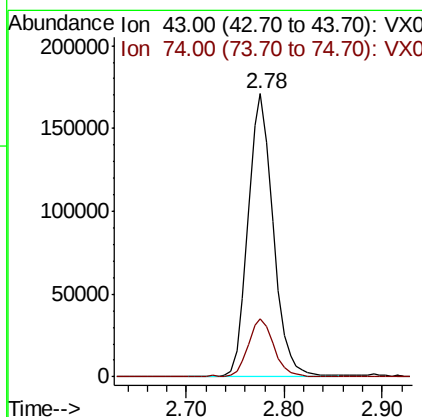
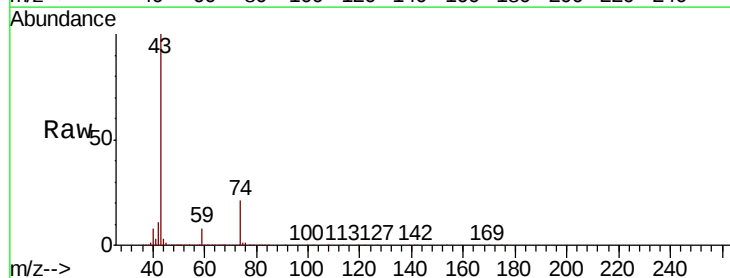
Manual Integrations
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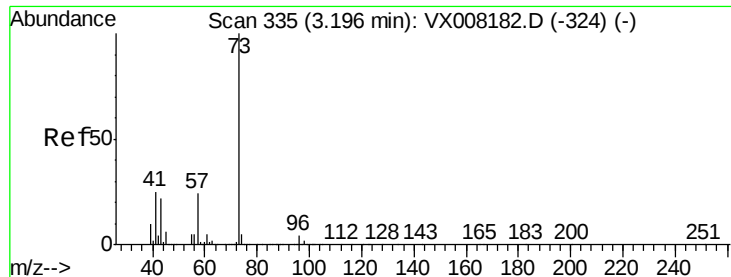
MMDadoda
3/22/2019 2:46:20 PM



#18
Methyl Acetate
Concen: 53.942 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.8	26.6





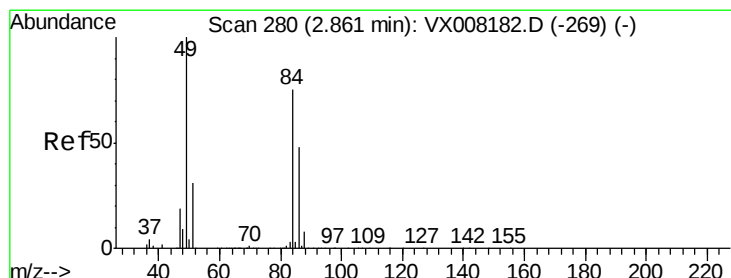
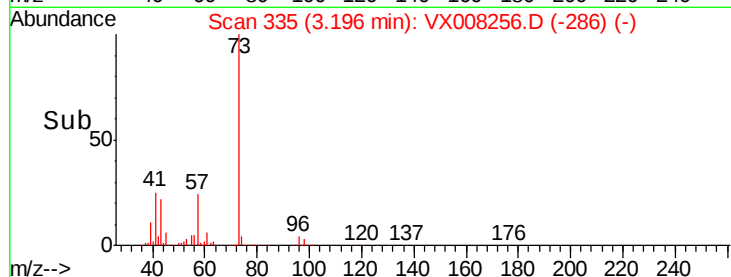
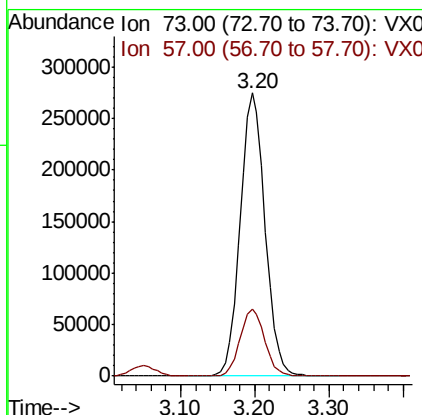
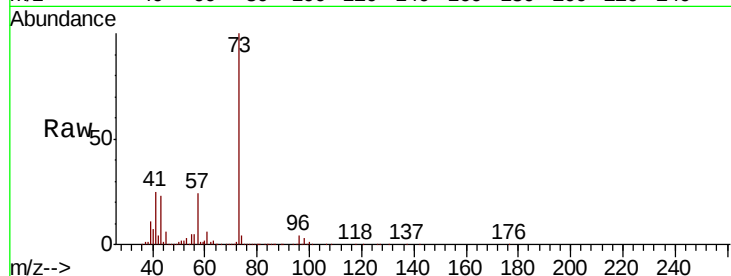
#19
Methyl tert-butyl Ether
Concen: 51.367 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.2	27.4

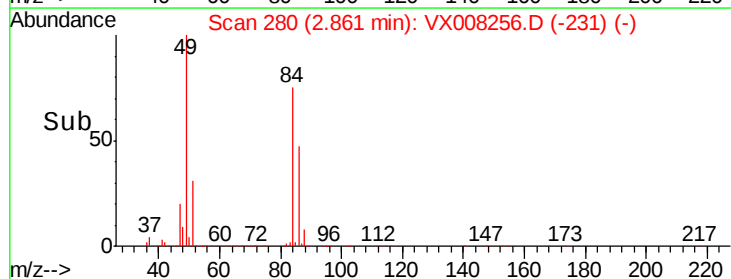
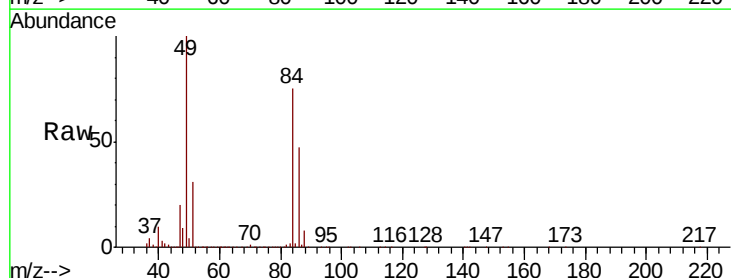
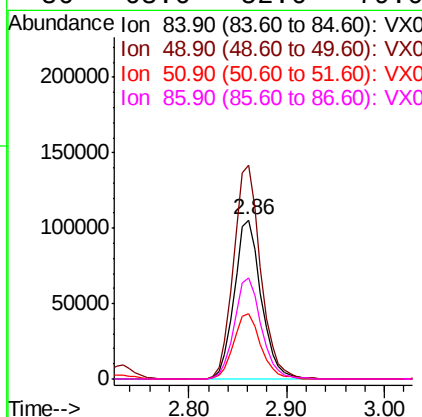
Manual Integrations
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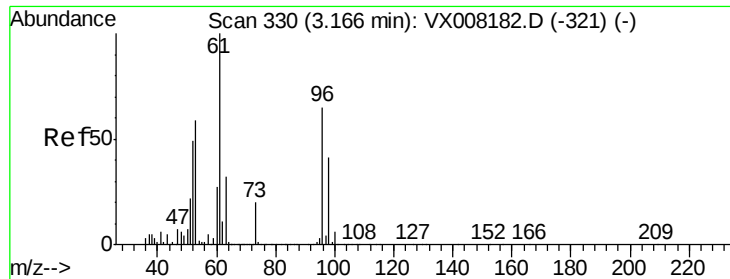
MMDadoda
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#20
Methylene Chloride
Concen: 49.632 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.0	99.3	148.9
51	41.2	31.3	46.9
86	63.6	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 49.445 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

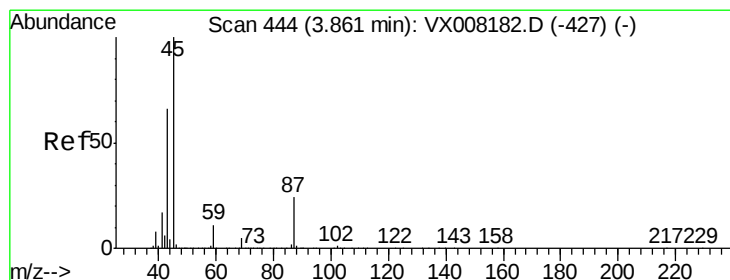
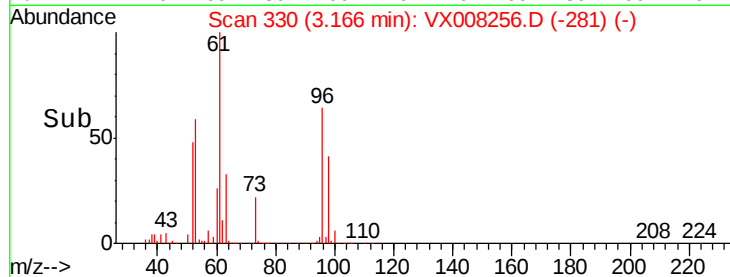
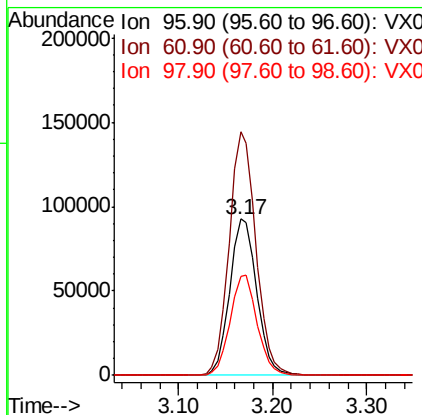
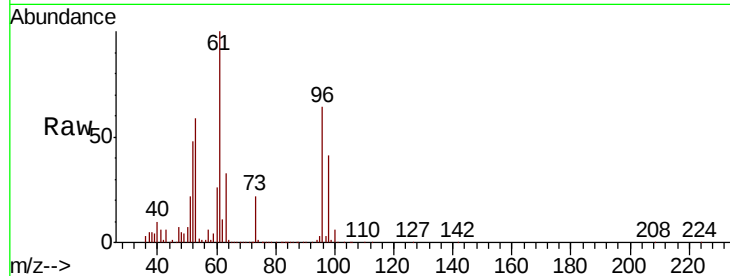
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	184682
Ion Ratio	Lower	Upper	
96	100		
61	155.9	114.4	171.6
98	63.7	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.731 ug/l

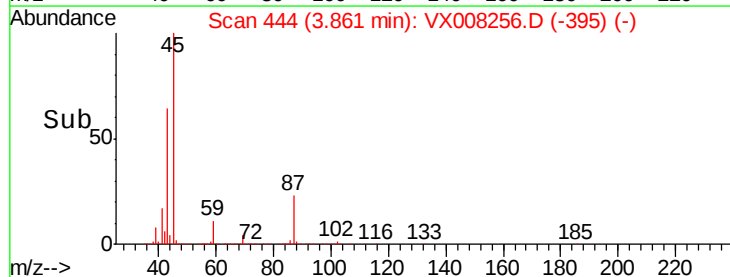
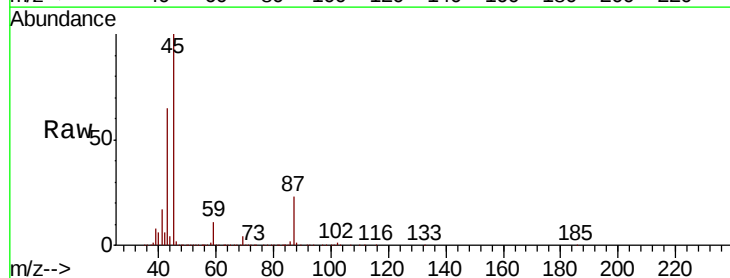
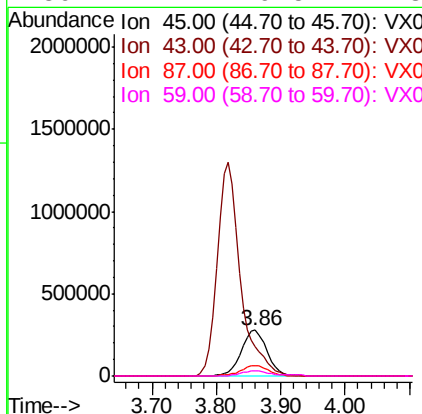
RT: 3.86 min Scan# 444

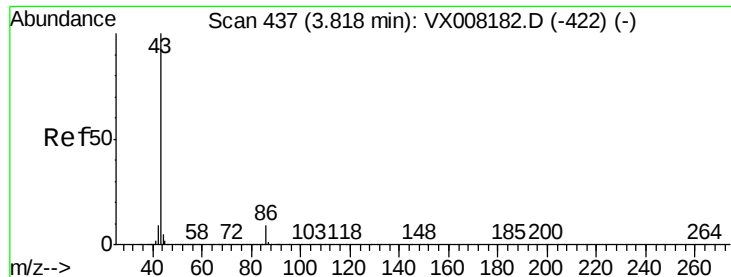
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	45	Resp:	762542
Ion Ratio	Lower	Upper	
45	100		
43	64.4	45.3	67.9
87	23.5	21.4	32.0
59	11.2	9.5	14.3





#23

Vinyl Acetate

Concen: 262.155 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3313069

Ion Ratio Lower Upper

43 100

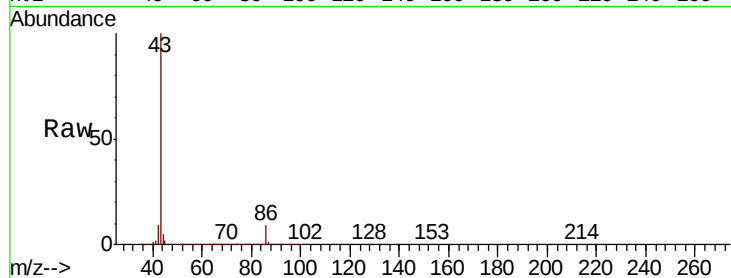
86 9.1 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

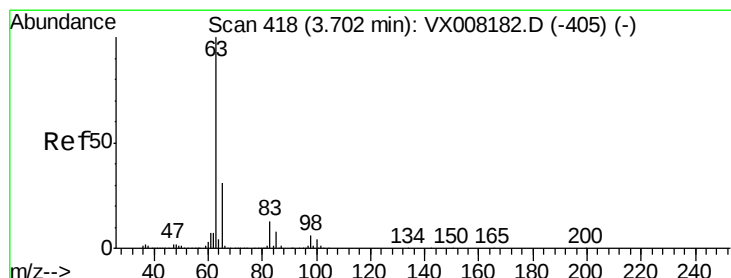
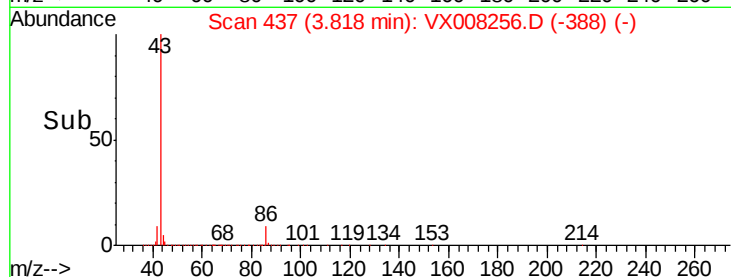
1000000

500000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.353 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

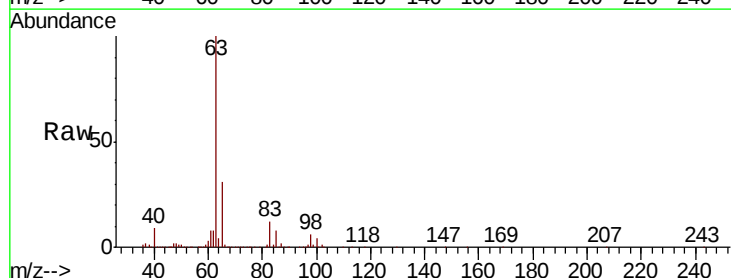
Tgt Ion: 63 Resp: 381751

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 4.1 2.3 6.8



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

200000

150000

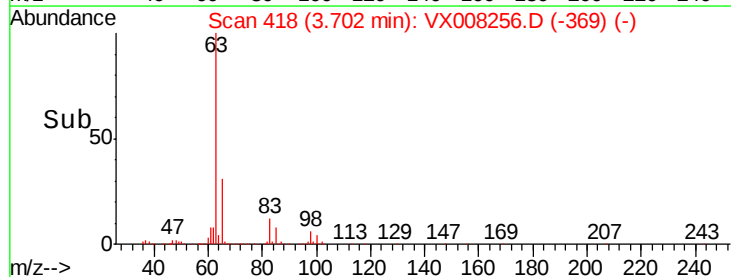
100000

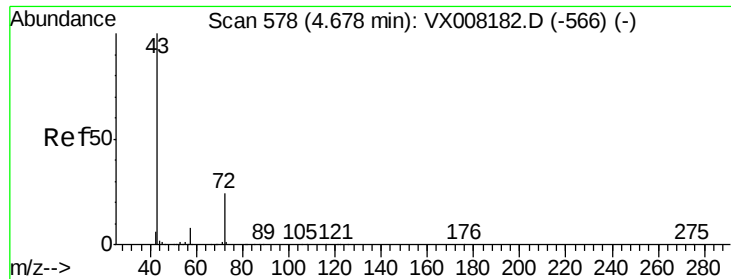
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 249.690 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 897132

Ion Ratio Lower Upper

43 100

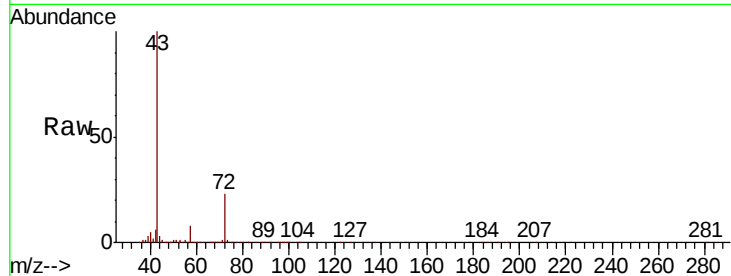
72 23.2 19.9 29.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

300000

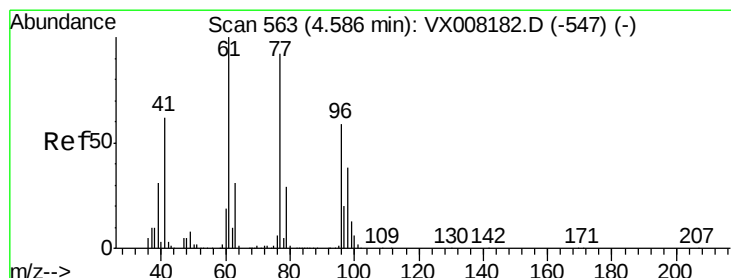
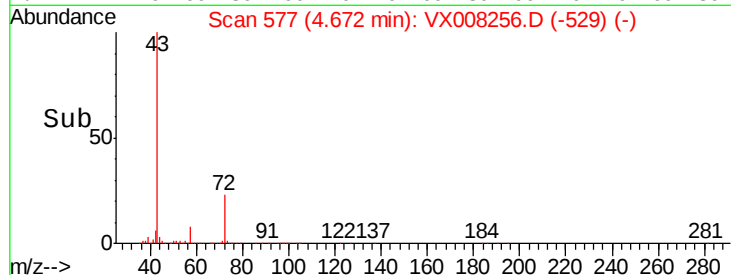
200000

100000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 45.057 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008256.D

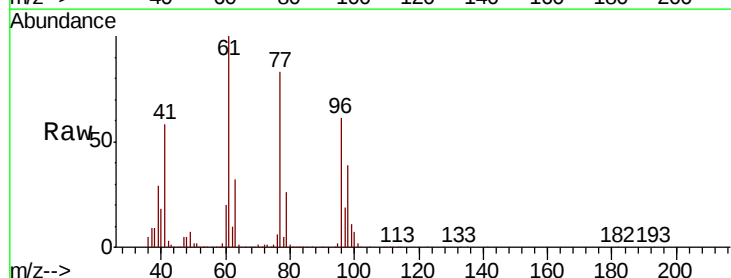
Acq: 20 Mar 2019 21:03

Tgt Ion: 77 Resp: 257332

Ion Ratio Lower Upper

77 100

97 23.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

60000

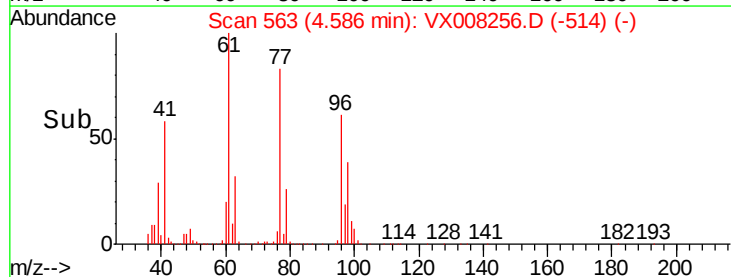
40000

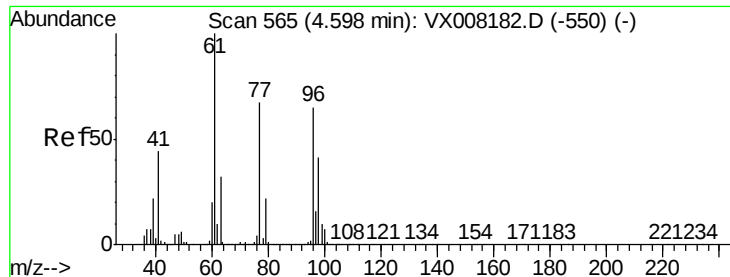
20000

0

Time-->

4.40 4.50 4.60 4.70 4.80





#27

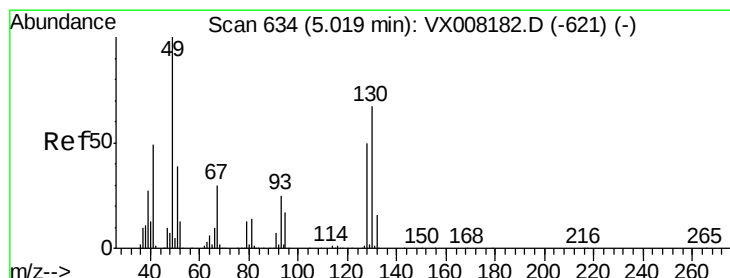
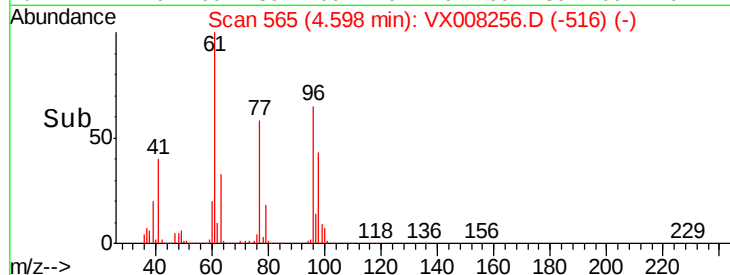
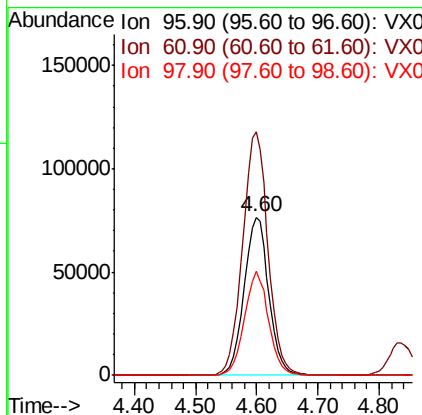
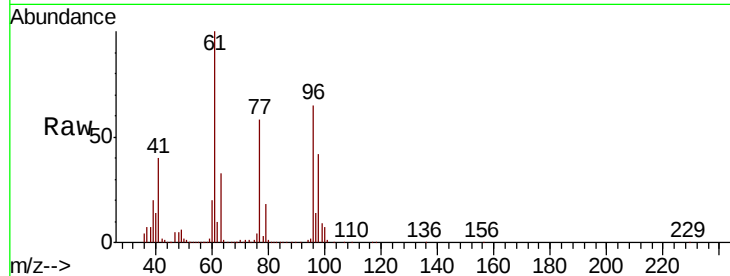
cis-1,2-Dichloroethene
Concen: 50.268 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	214040		
61	158.1	0.0	288.0	
98	64.2	0.0	129.0	

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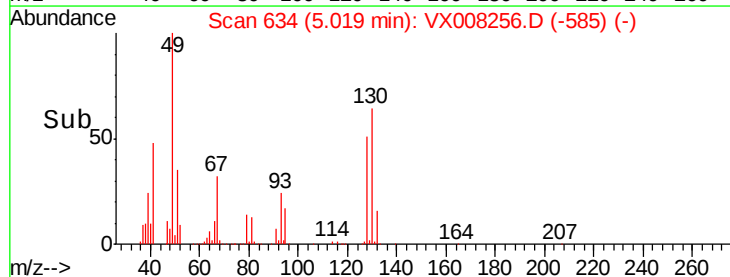
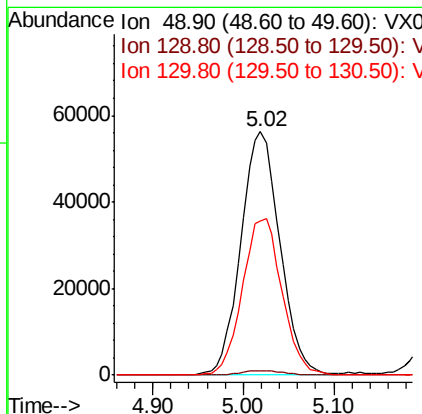
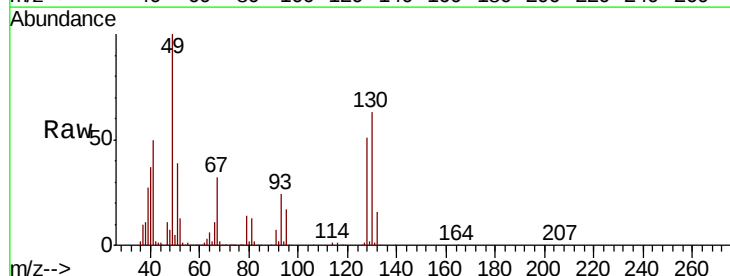
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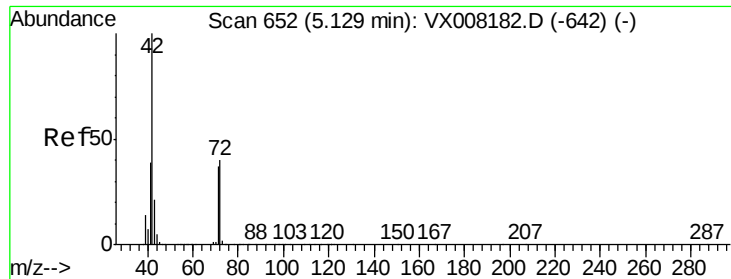


#28

Bromochloromethane
Concen: 49.139 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	167283		
129	2.0	0.0	4.0	
130	65.4	65.0	97.4	





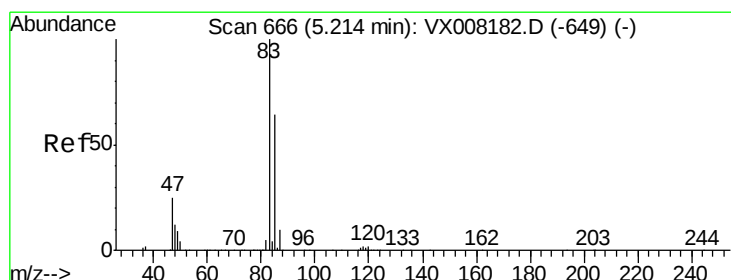
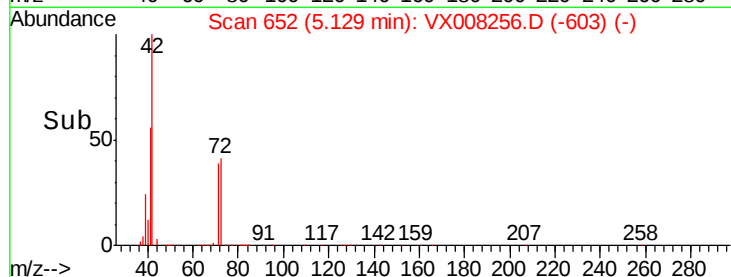
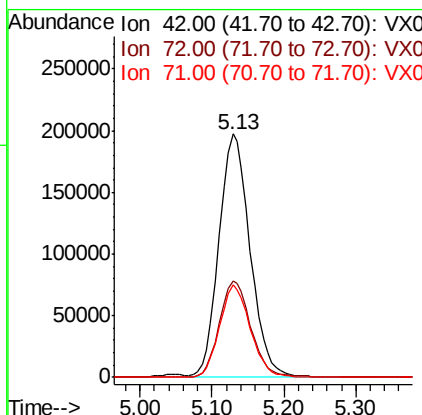
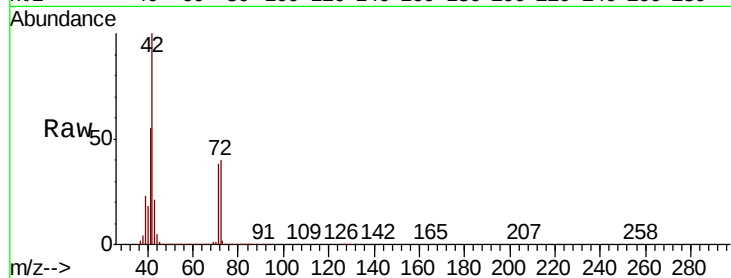
#29
Tetrahydrofuran
Concen: 263.212 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.8	50.6
71	37.6	31.5	47.3

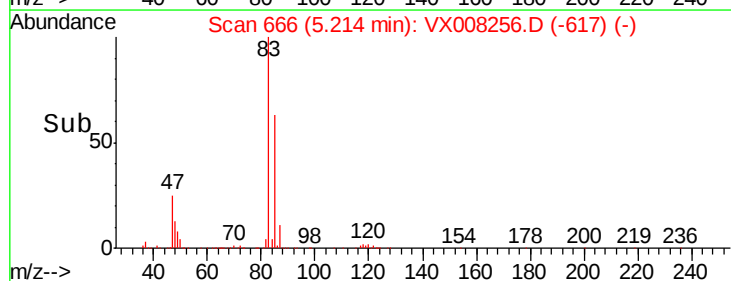
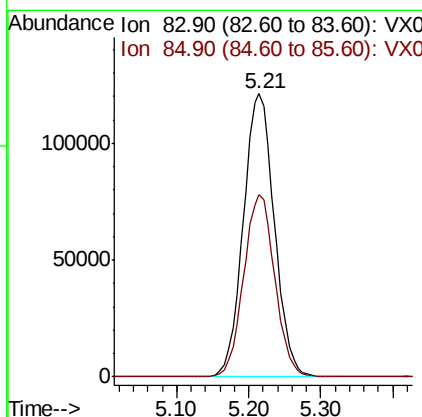
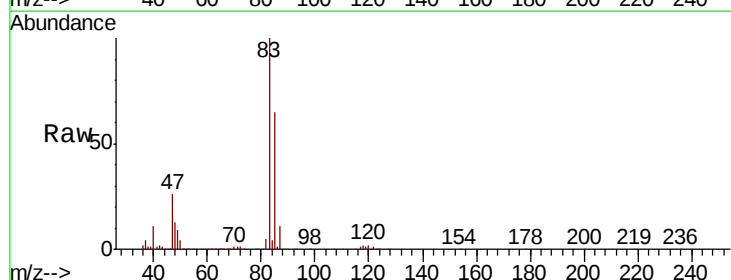
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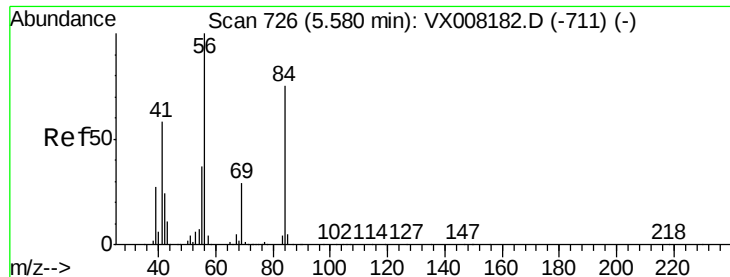
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#30
Chloroform
Concen: 51.076 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.6





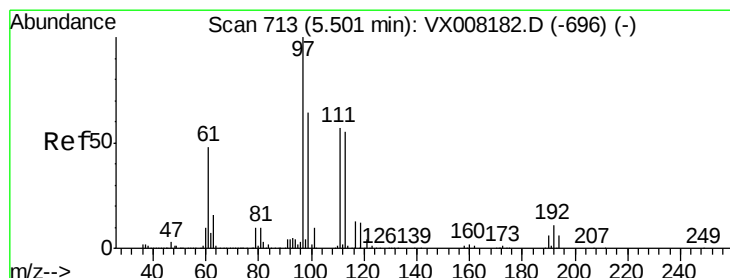
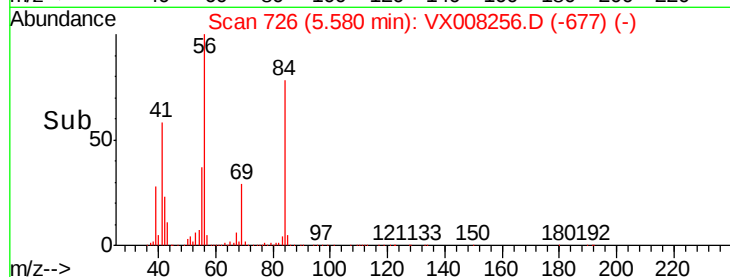
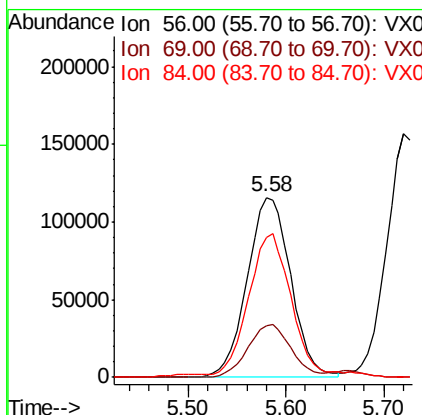
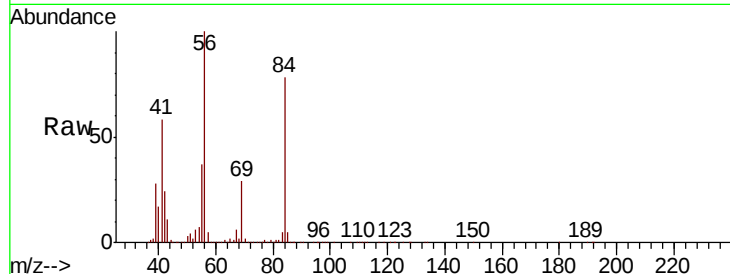
#31
Cyclohexane
Concen: 50.310 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.0	36.0
84	76.5	65.3	97.9

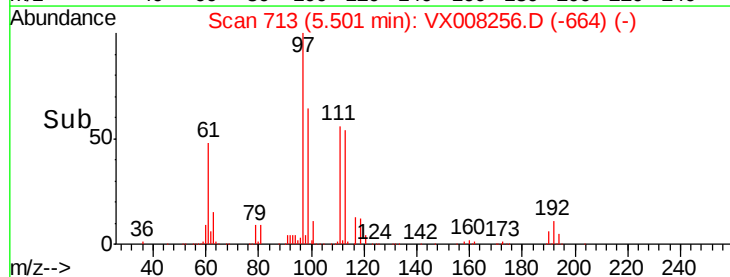
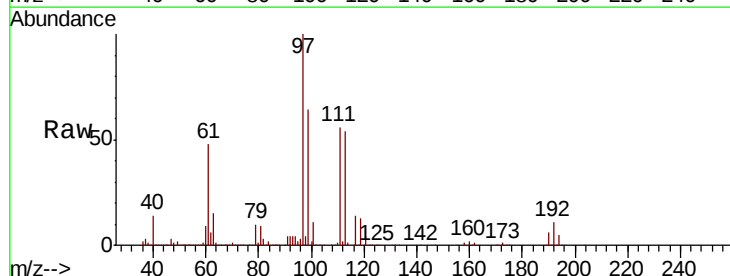
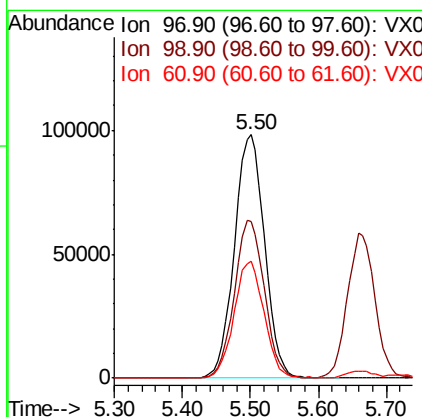
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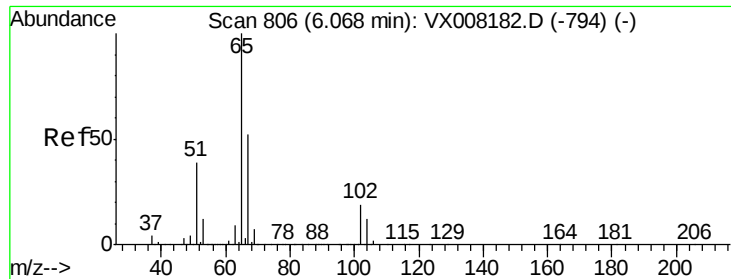
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#32
1,1,1-Trichloroethane
Concen: 51.383 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	47.7	34.9	52.3





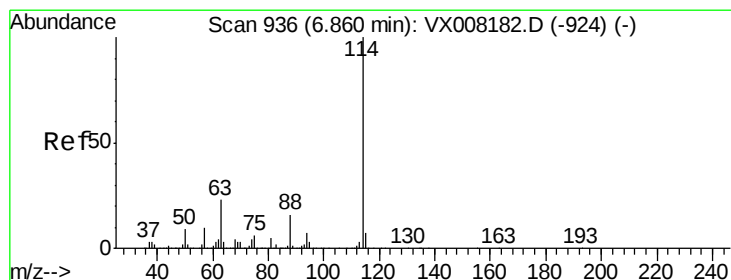
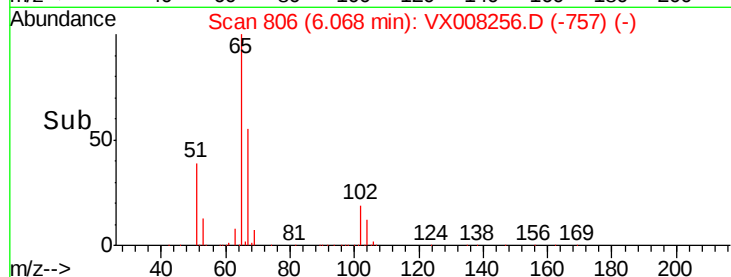
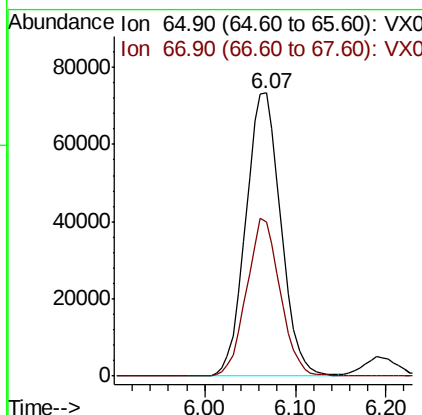
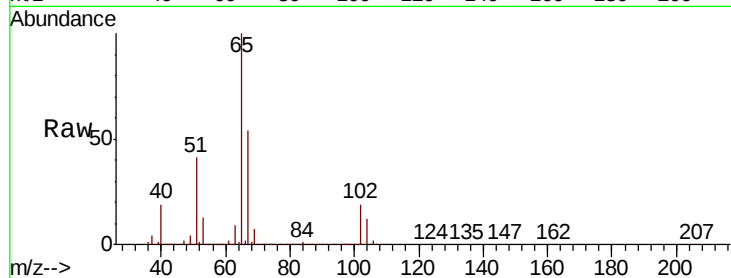
#33
 1,2-Dichloroethane-d4
 Concen: 45.607 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	195728		
67	53.6	0.0	110.0	

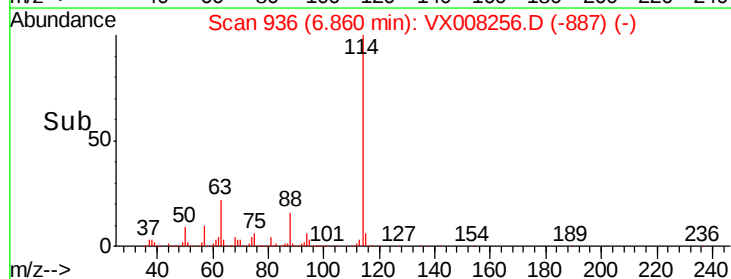
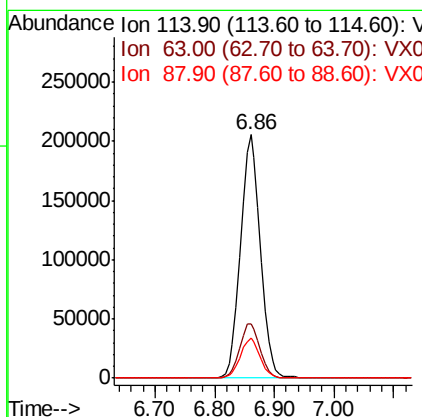
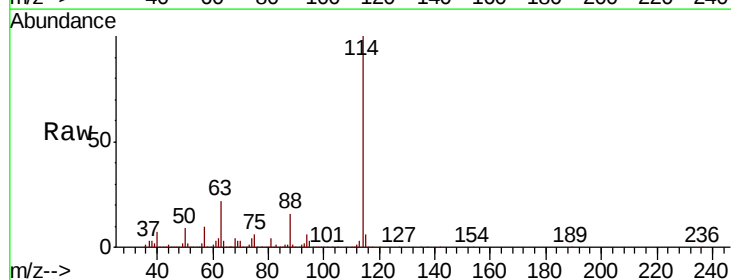
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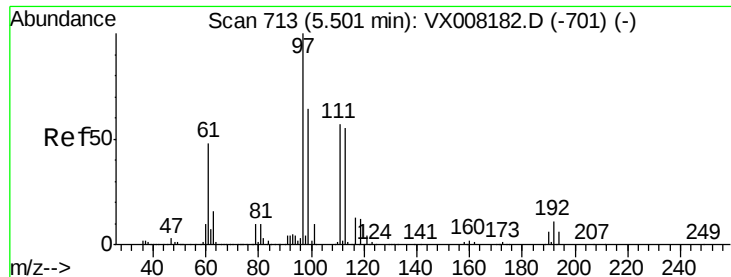
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	477570		
63	22.3	0.0	39.8	
88	16.3	0.0	31.4	





#35

Dibromofluoromethane

Concen: 46.962 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

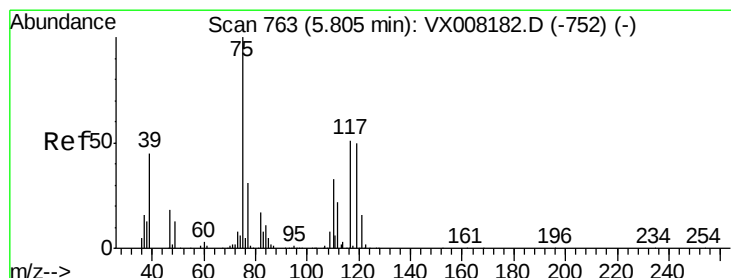
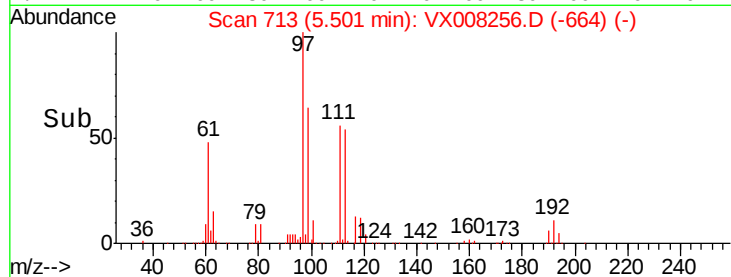
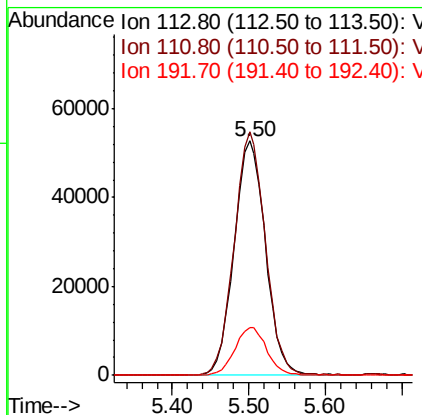
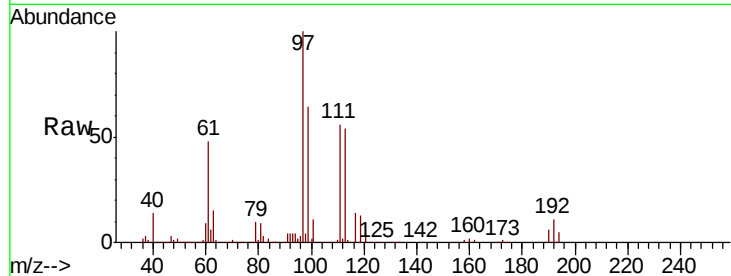
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	150139
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.4	122.0
192	20.8	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 49.509 ug/l

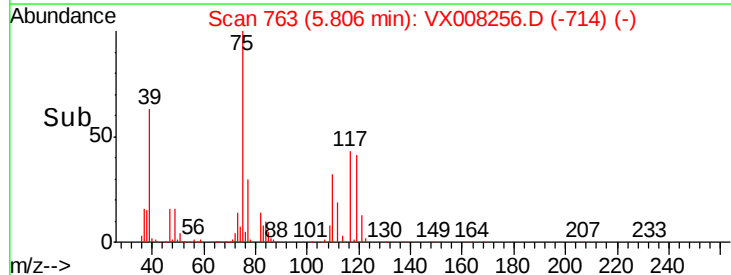
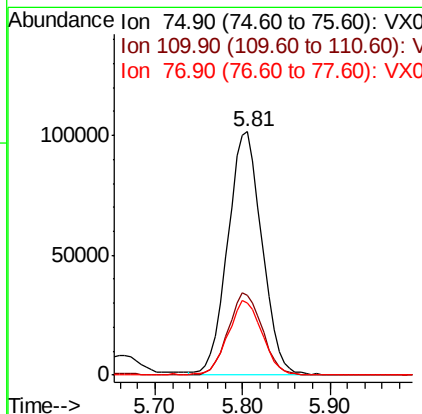
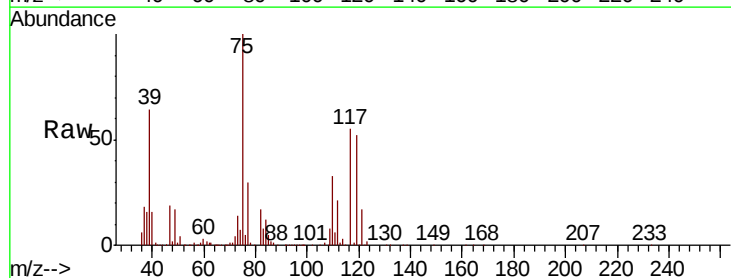
RT: 5.81 min Scan# 763

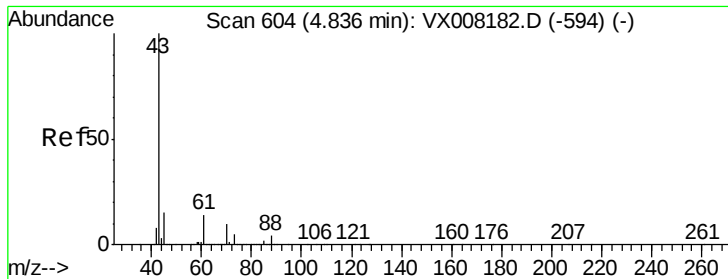
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	75	Resp:	275280
Ion Ratio	Lower	Upper	
75	100		
110	33.5	18.4	55.0
77	30.3	25.0	37.4





#37

Ethyl Acetate

Concen: 52.218 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

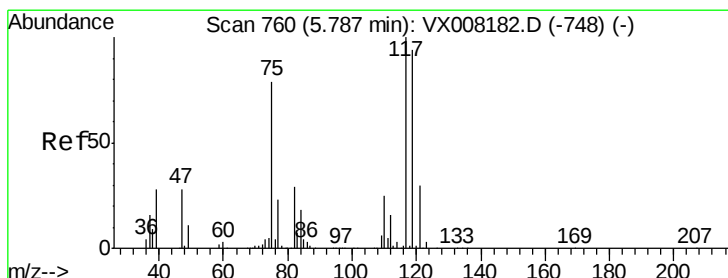
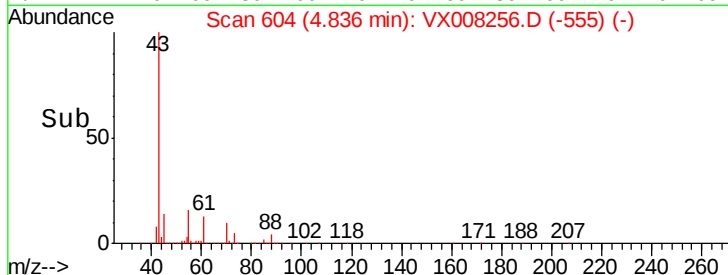
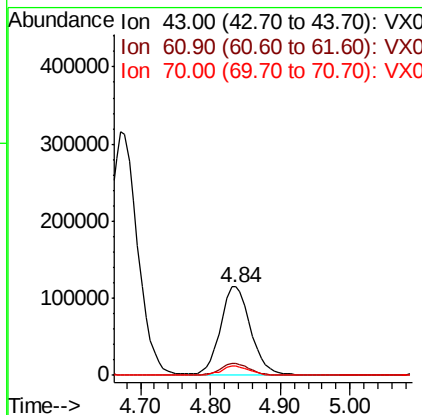
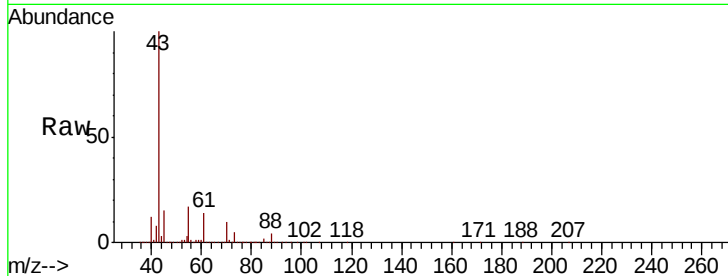
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	343217
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	9.5	8.5	12.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.150 ug/l

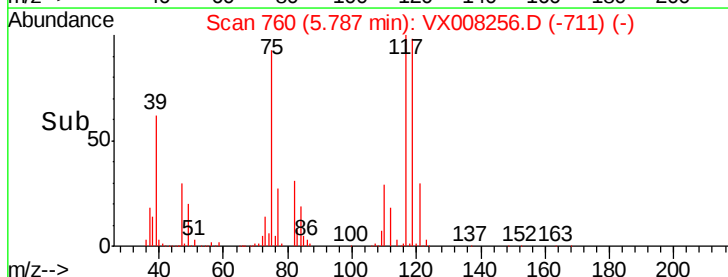
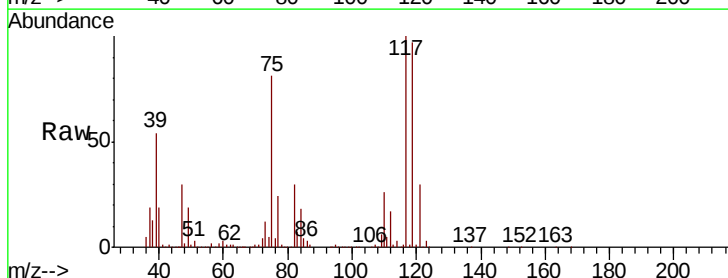
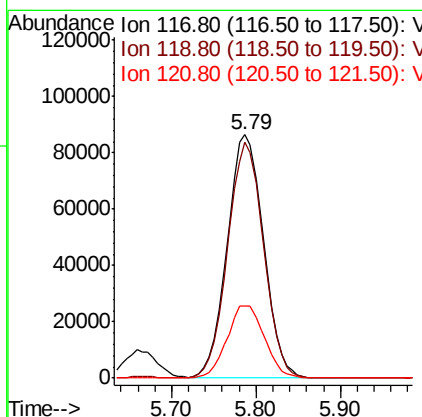
RT: 5.79 min Scan# 760

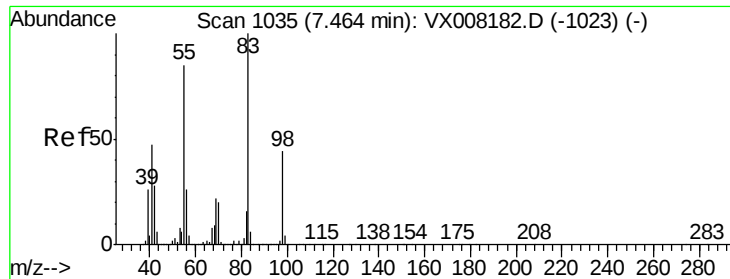
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	117	Resp:	253402
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.2
121	29.7	24.6	36.8





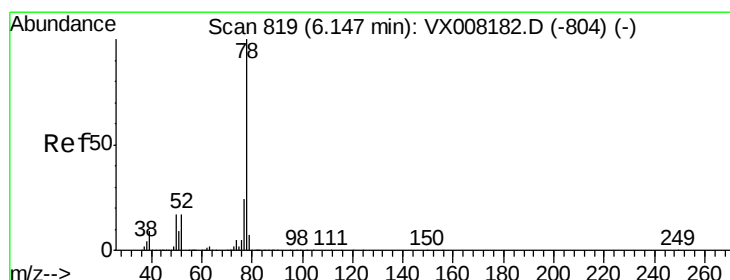
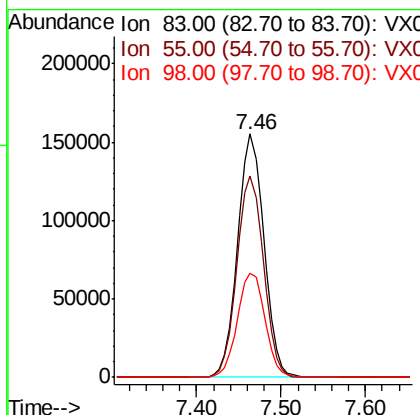
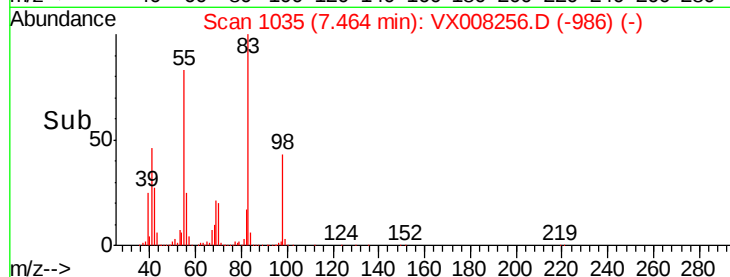
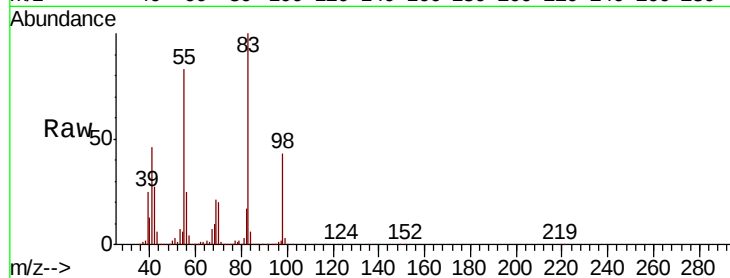
#39
Methvlcvclohexane
Concen: 48.823 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.5	60.4	90.6
98	42.9	36.5	54.7

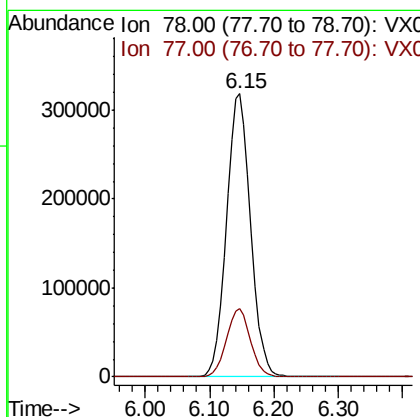
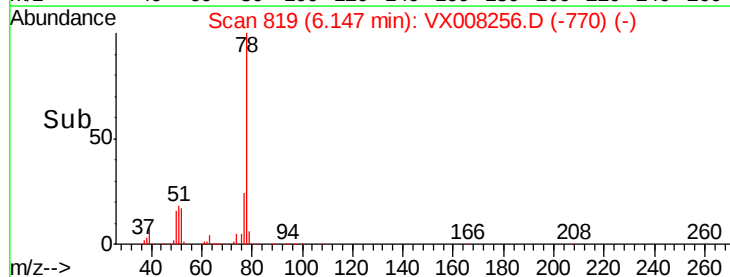
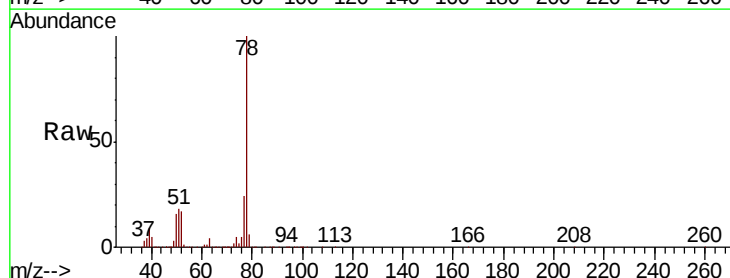
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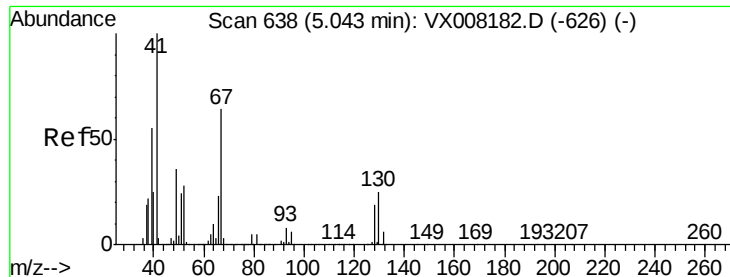
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#40
Benzene
Concen: 50.937 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





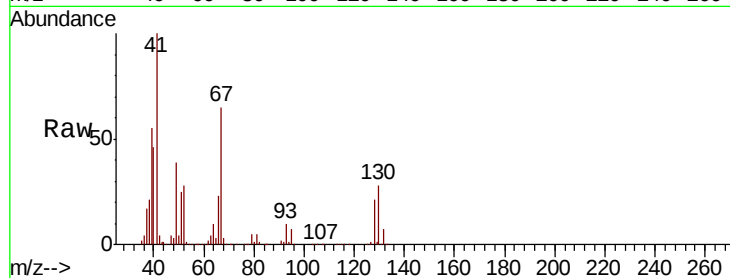
#41
Methacrylonitrile
Concen: 52.870 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

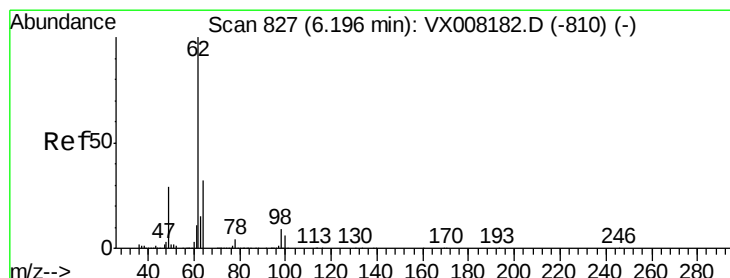
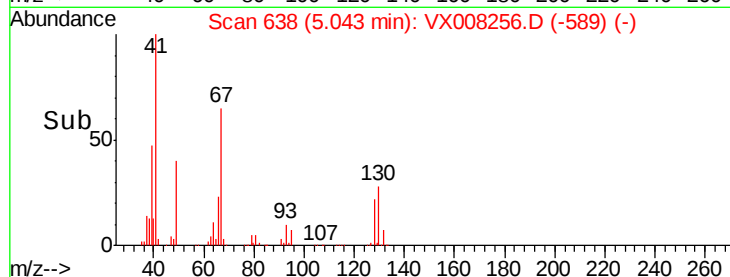
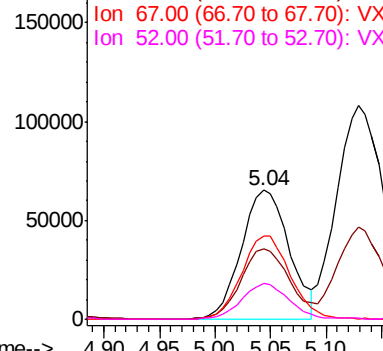
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	41.6	62.4	
67	65.7	55.8	83.6	
52	27.0	21.7	32.5	

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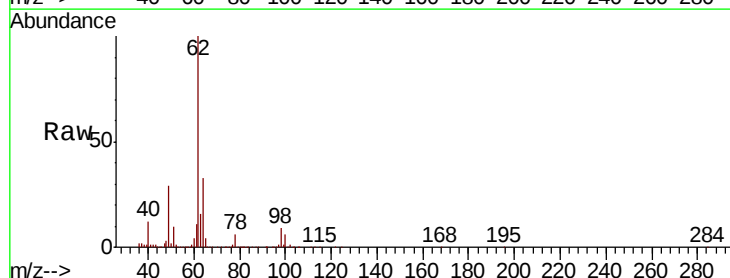


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

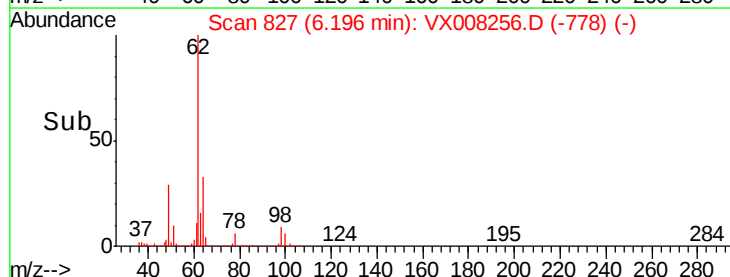
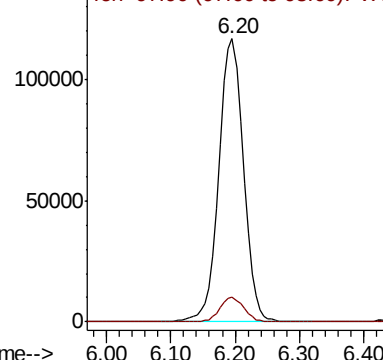


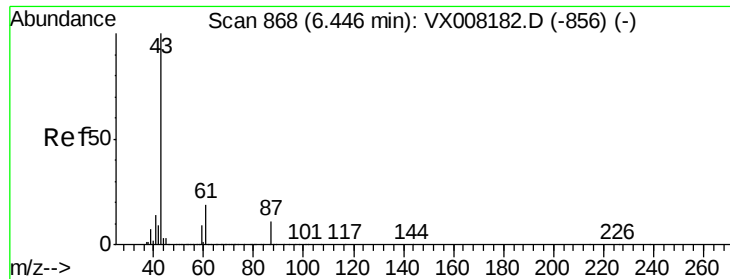
#42
1,2-Dichloroethane
Concen: 50.808 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	20.4	



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





#43

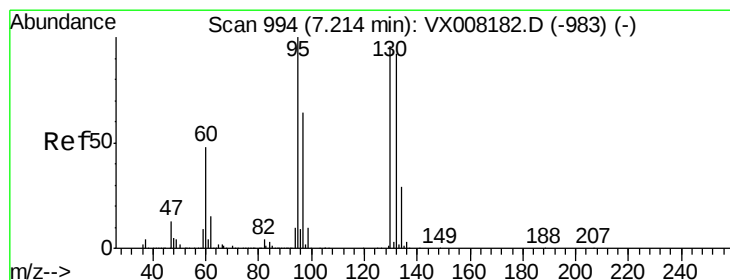
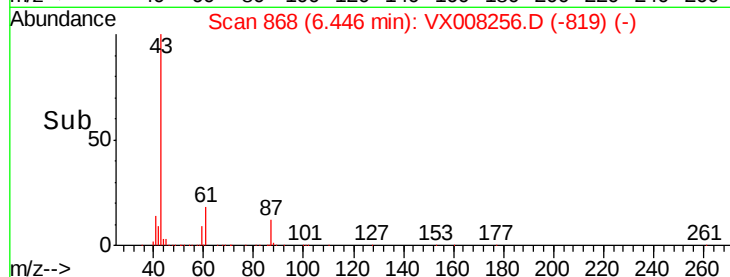
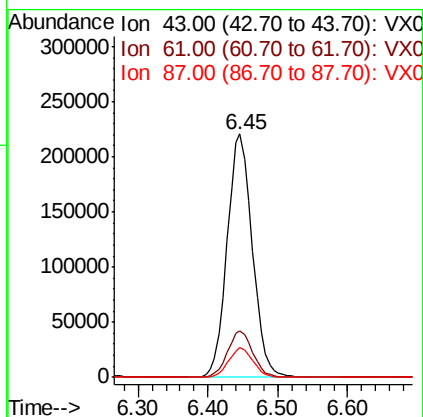
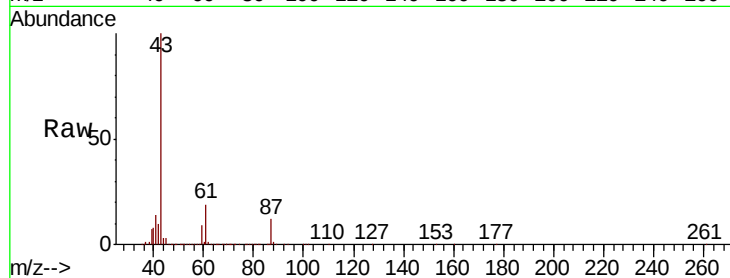
Isopropyl Acetate
 Concen: 52.101 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	16.3	24.5
87	11.9	10.5	15.7

Manual Integrations
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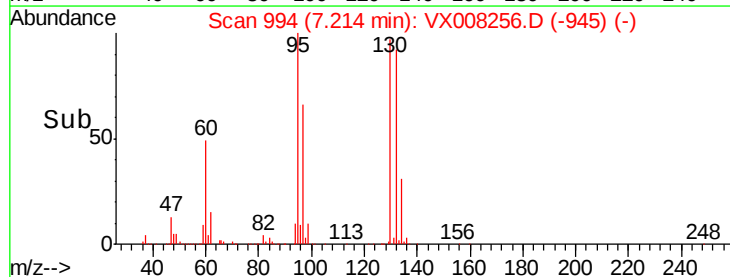
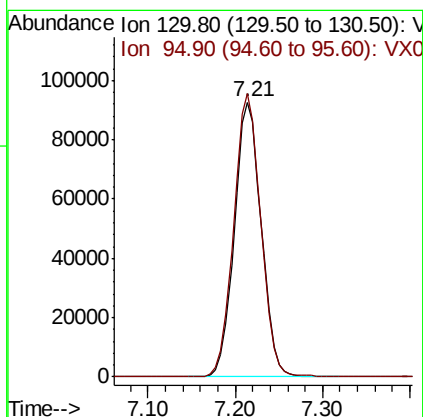
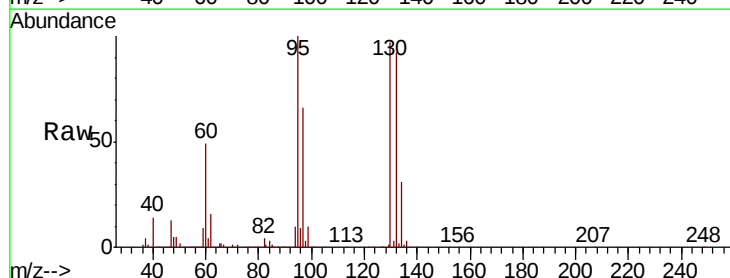
MMDadoda
 3/22/2019 2:46:20 PM

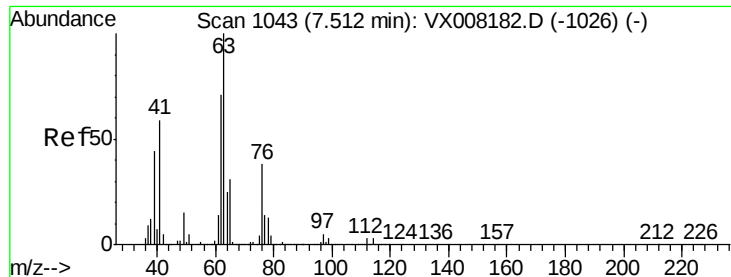


#44

Trichloroethene
 Concen: 49.258 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	188.0





#45

1,2-Dichloropropane

Concen: 50.268 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 231582

Ion Ratio Lower Upper

63 100

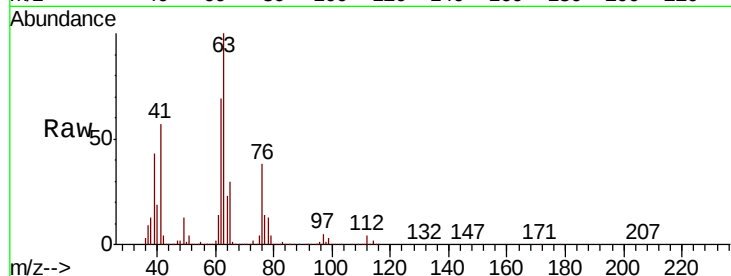
65 29.7 24.7 37.1

Manual Integrations

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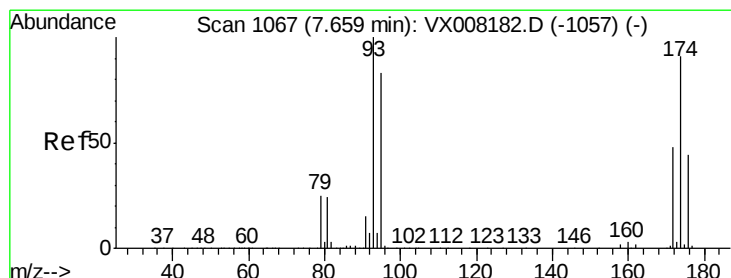
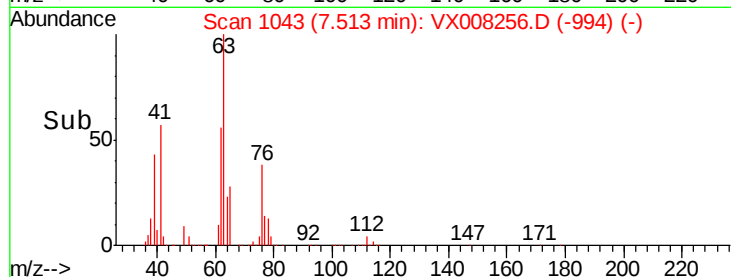
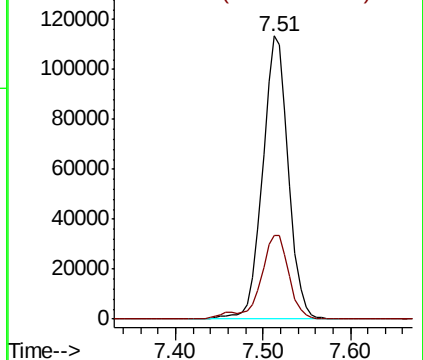
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.924 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

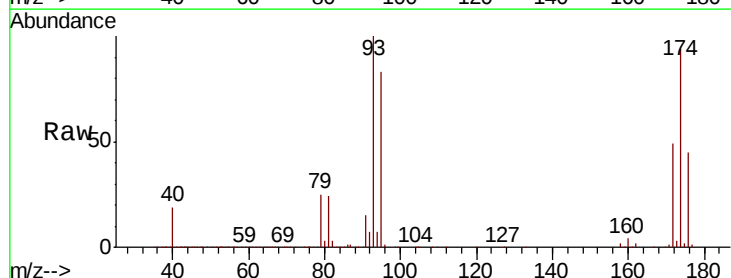
Tgt Ion: 93 Resp: 139255

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

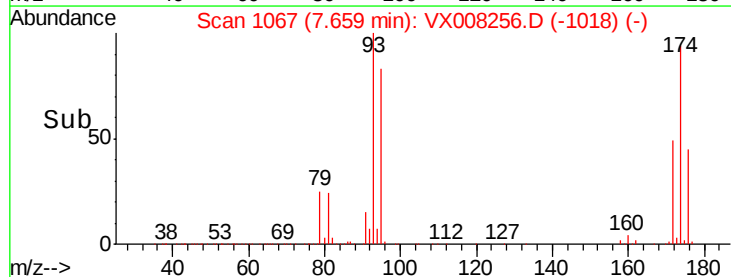
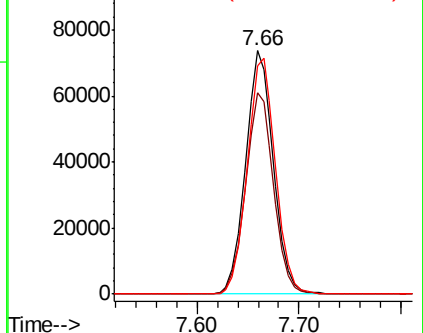
174 99.0 97.3 145.9

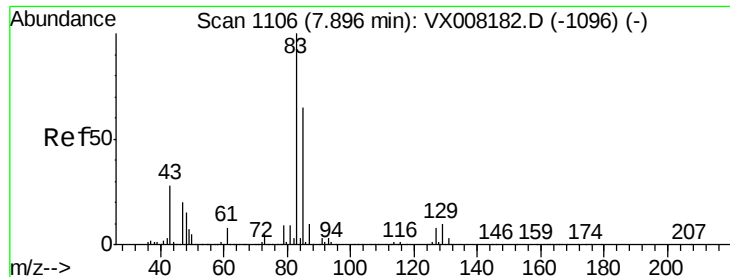


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.071 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

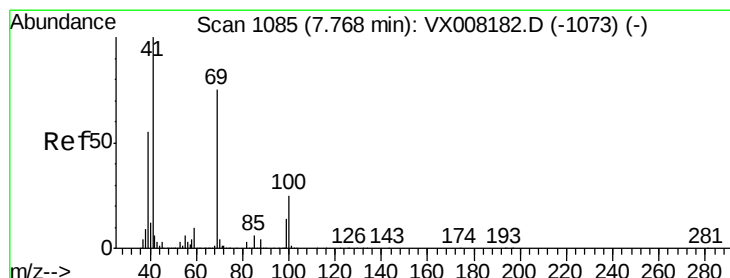
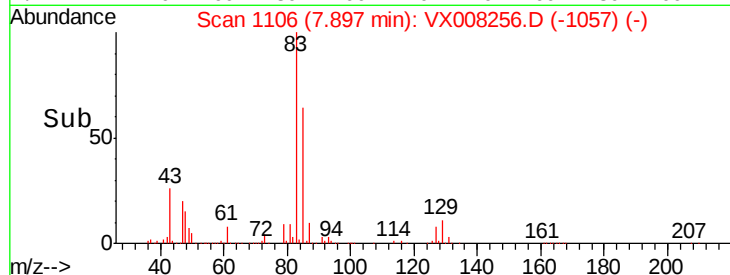
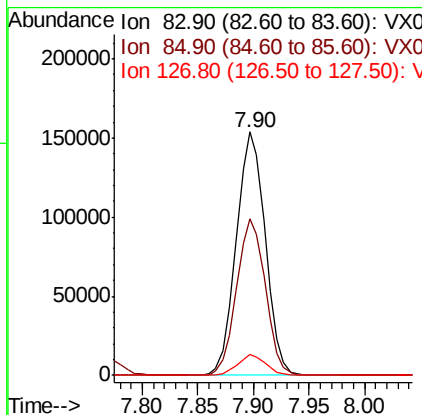
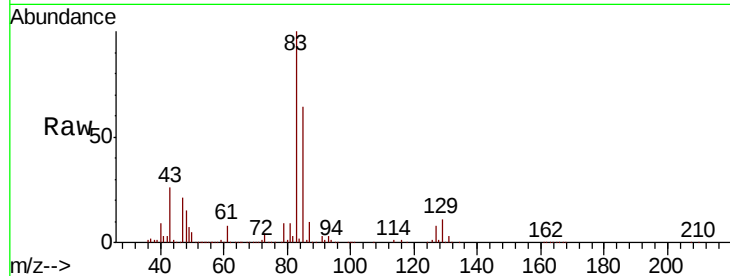
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	276805
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.9	76.3
127	8.4	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.741 ug/l

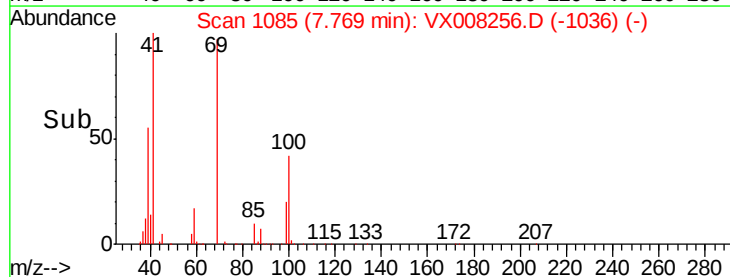
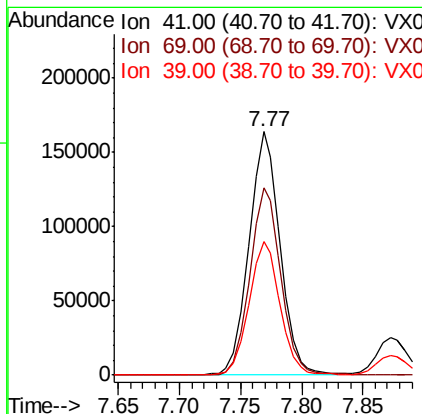
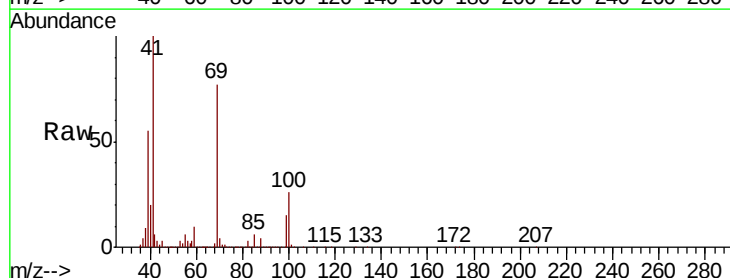
RT: 7.77 min Scan# 1085

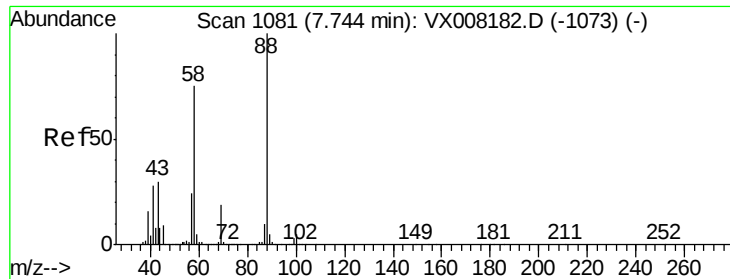
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	41	Resp:	289842
Ion Ratio	Lower	Upper	
41	100		
69	76.8	65.2	97.8
39	54.6	39.4	59.2





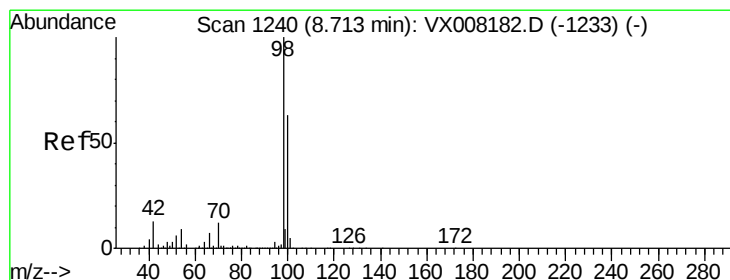
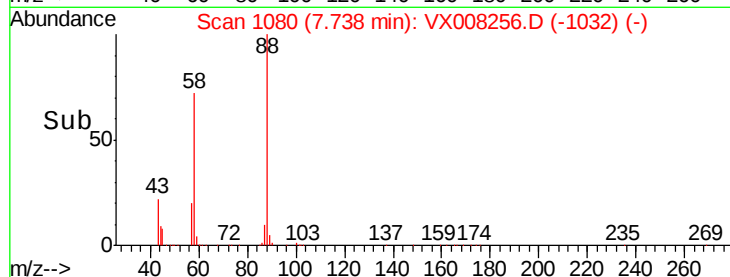
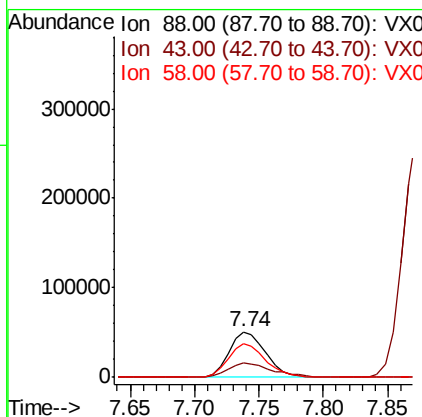
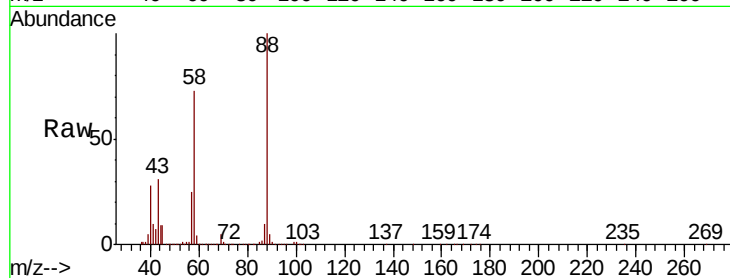
#49
 1,4-Dioxane
 Concen: 1006.044 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	25.1	37.7
58	77.0	57.8	86.6

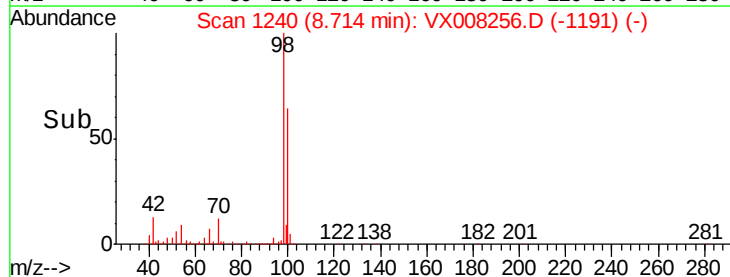
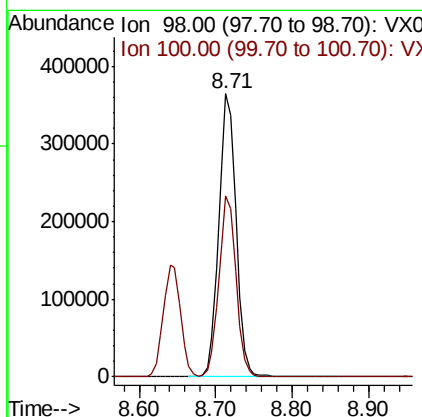
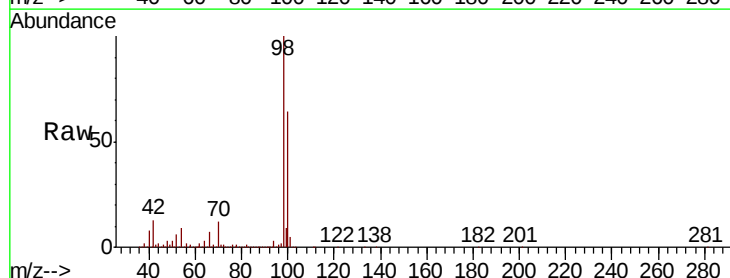
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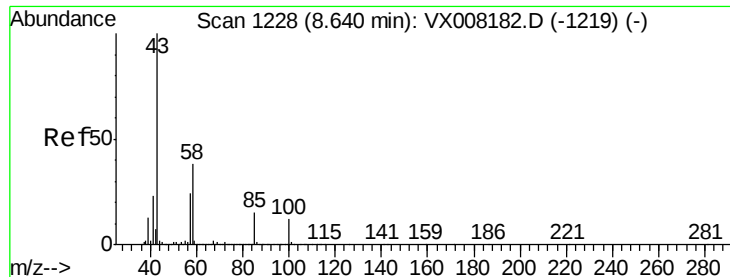
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#50
 Toluene-d8
 Concen: 46.885 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5





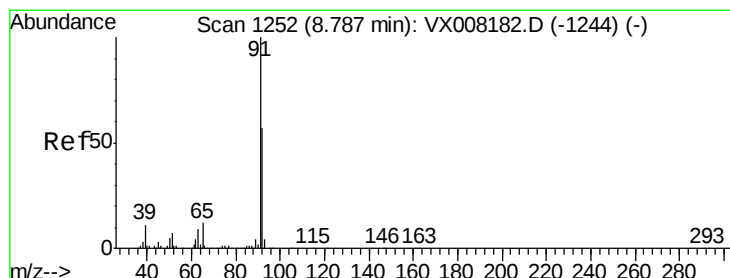
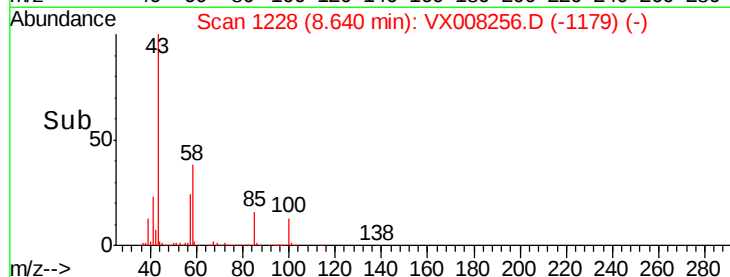
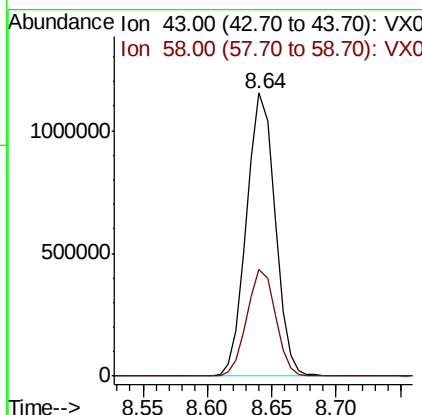
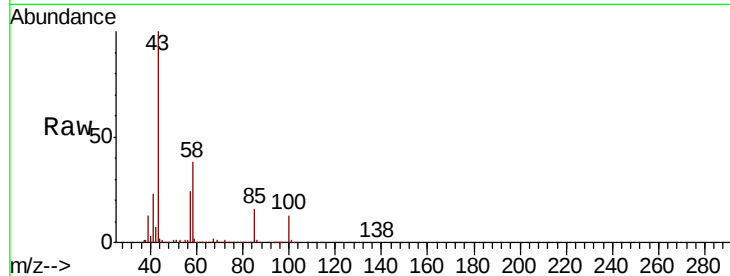
#51
4-Methyl-2-Pentanone
Concen: 260.493 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1774213
Ion Ratio Lower Upper
43 100
58 37.6 31.3 46.9

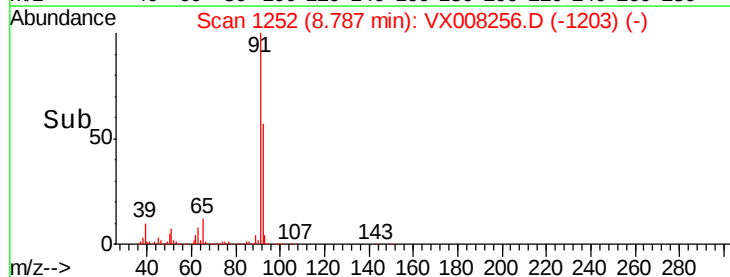
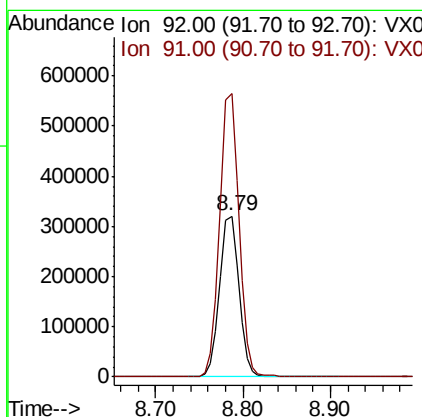
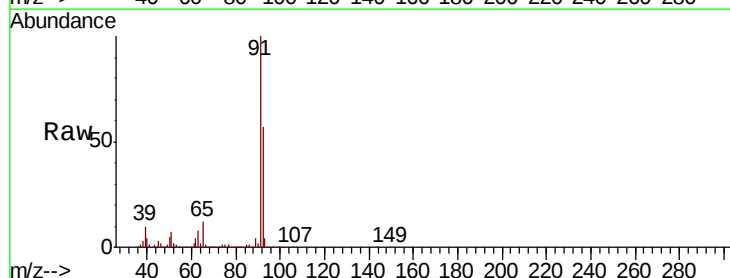
Manual Integrations
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#52
Toluene
Concen: 50.596 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 92 Resp: 493980
Ion Ratio Lower Upper
92 100
91 175.9 137.4 206.0





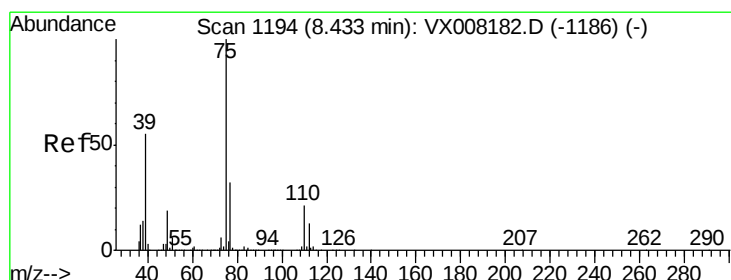
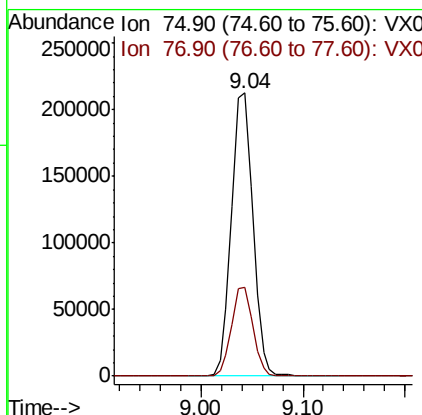
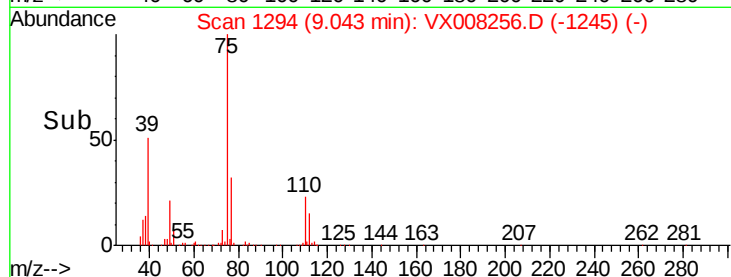
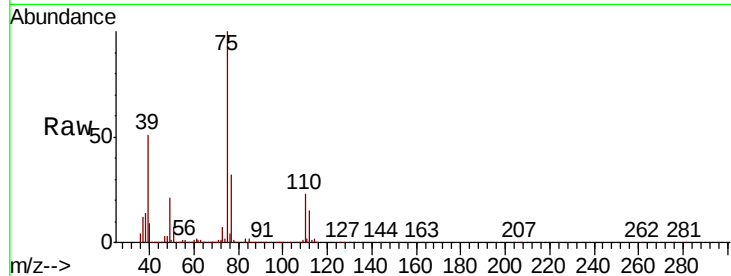
#53
t-1,3-Dichloropropene
Concen: 46.553 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.0

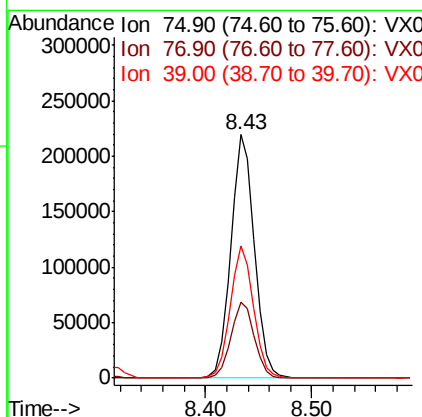
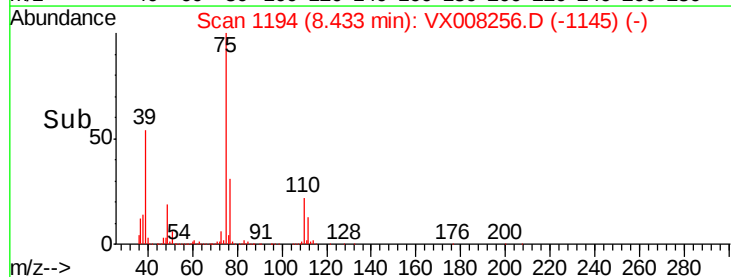
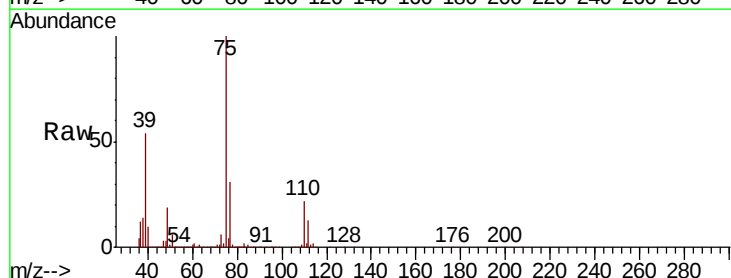
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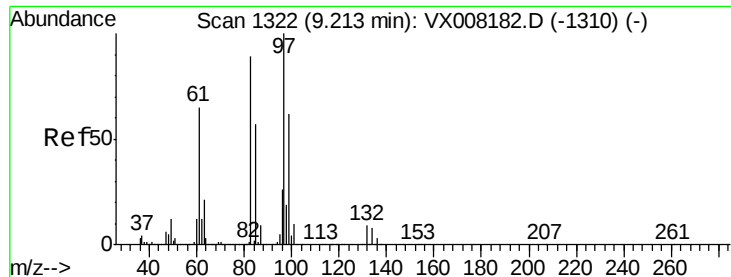
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#54
cis-1,3-Dichloropropene
Concen: 51.545 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.6
39	54.0	36.6	54.8





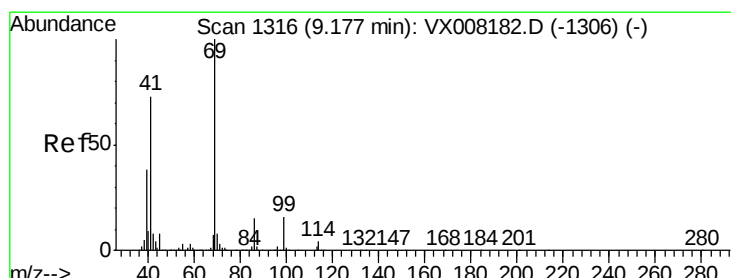
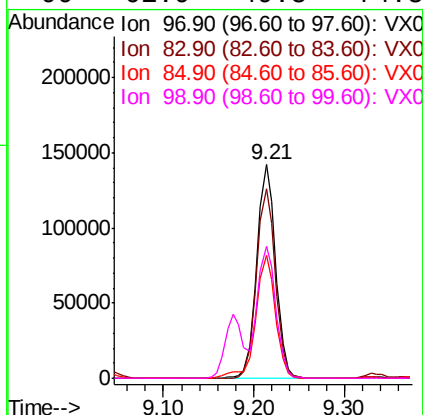
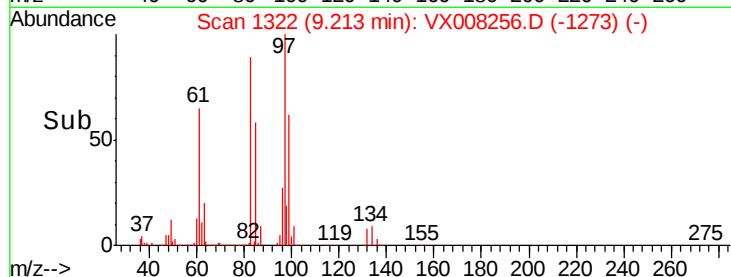
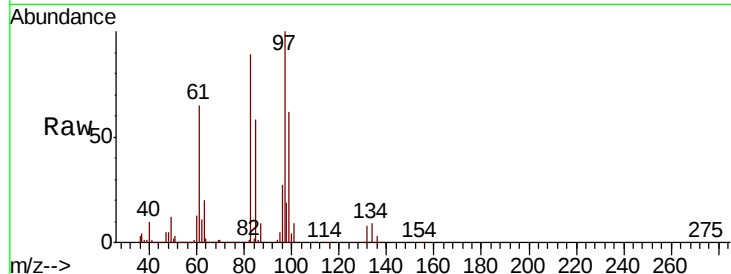
#55
 1,1,2-Trichloroethane
 Concen: 51.862 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		204580		
83	88.6	69.1	103.7		
85	57.6	44.3	66.5		
99	61.9	49.8	74.8		

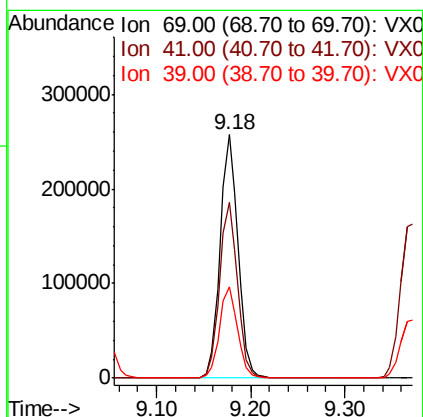
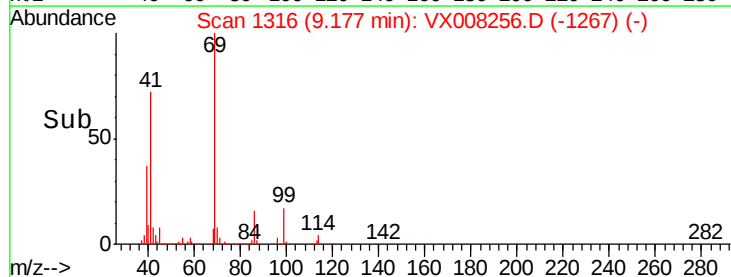
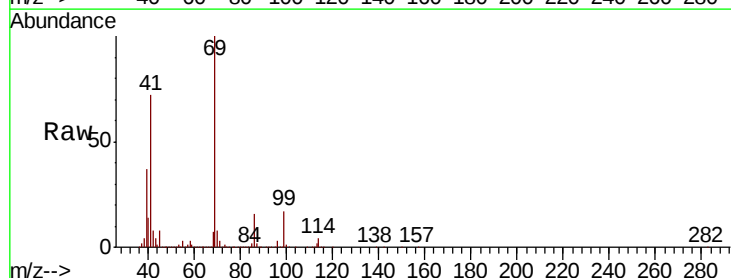
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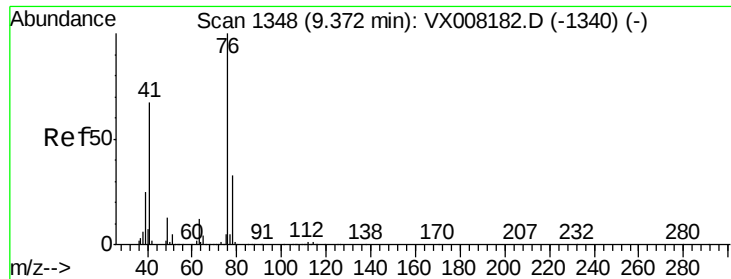
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#56
 Ethyl methacrylate
 Concen: 49.144 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		339978		
41	72.5	54.2	81.4		
39	37.7	25.0	37.4#		





#57

1,3-Dichloropropane

Concen: 52.039 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 363140

Ion Ratio Lower Upper

76 100

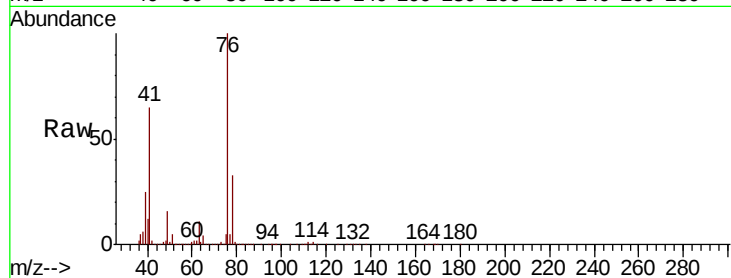
78 31.9 25.5 38.3

Manual Integrations

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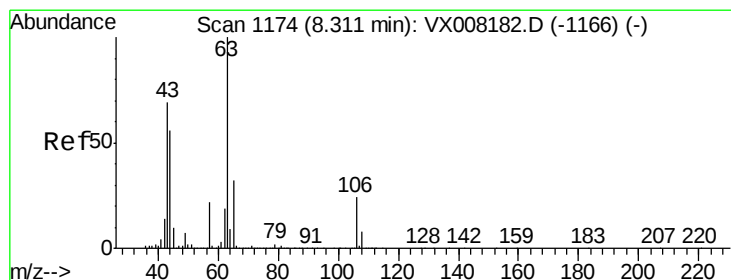
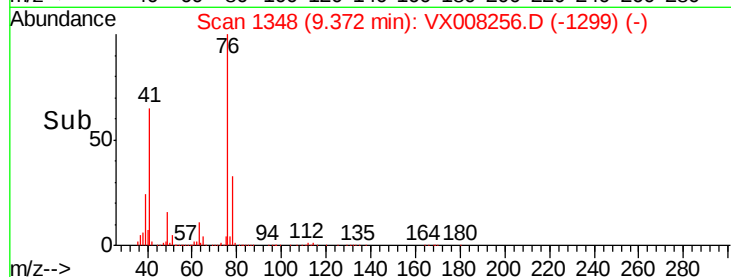
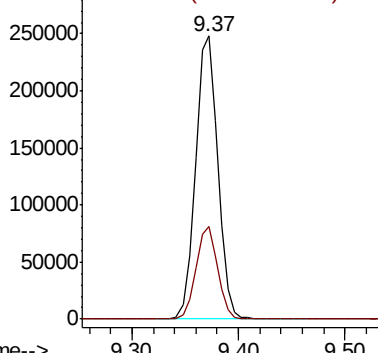
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 238.131 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008256.D

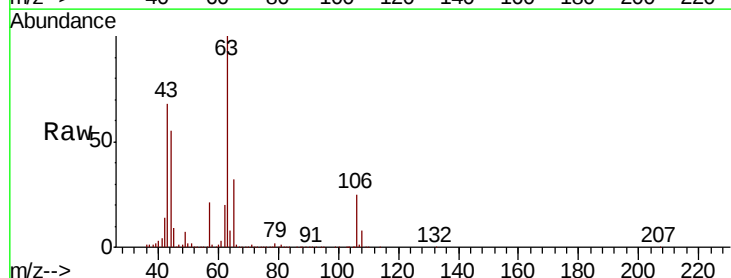
Acq: 20 Mar 2019 21:03

Tgt Ion: 63 Resp: 769641

Ion Ratio Lower Upper

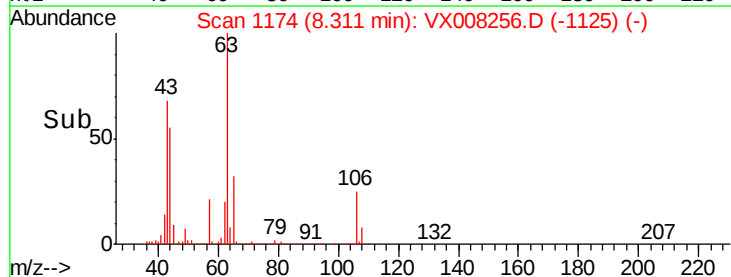
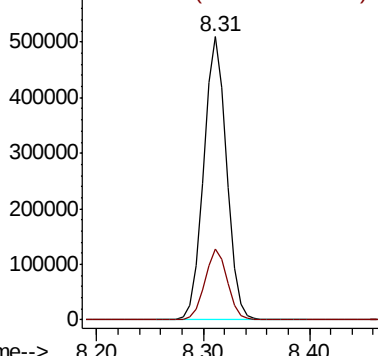
63 100

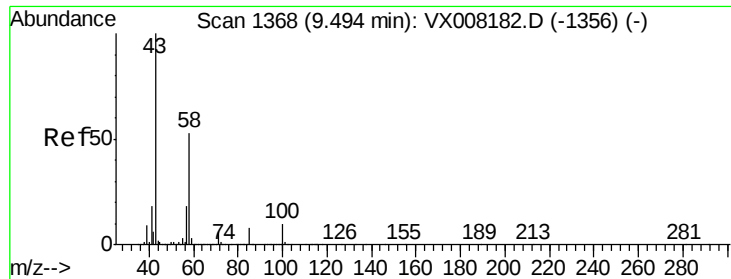
106 24.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





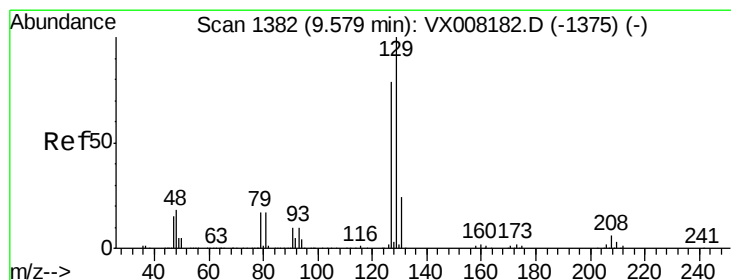
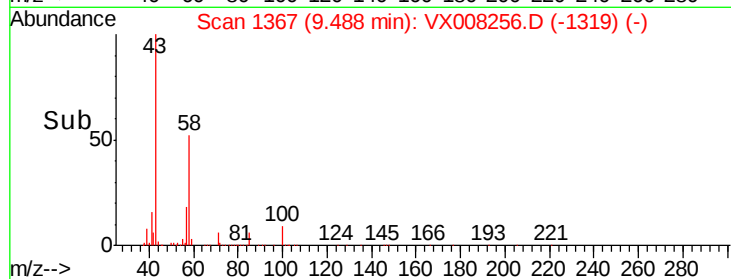
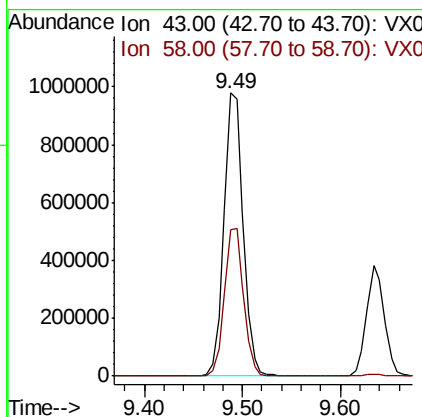
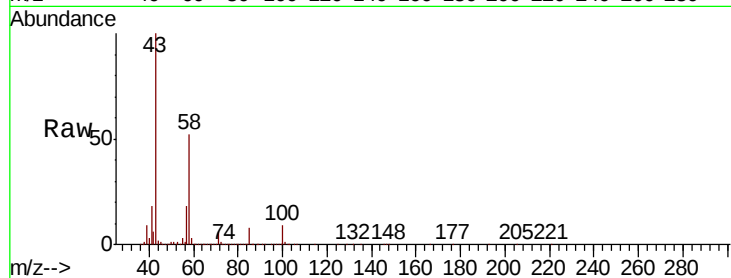
#59
2-Hexanone
Concen: 254.235 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1333114
Ion Ratio Lower Upper
43 100
58 52.4 27.6 82.7

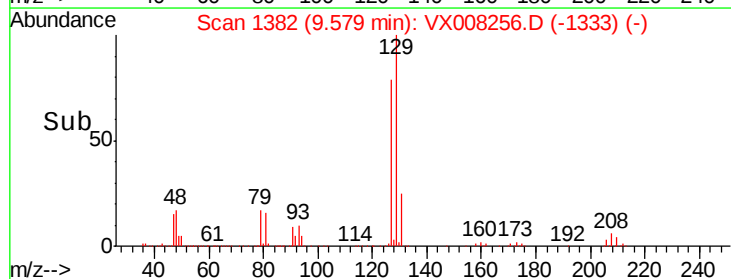
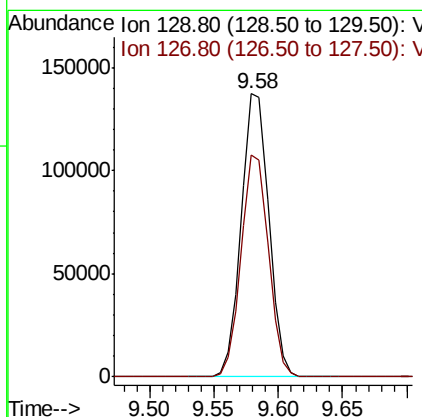
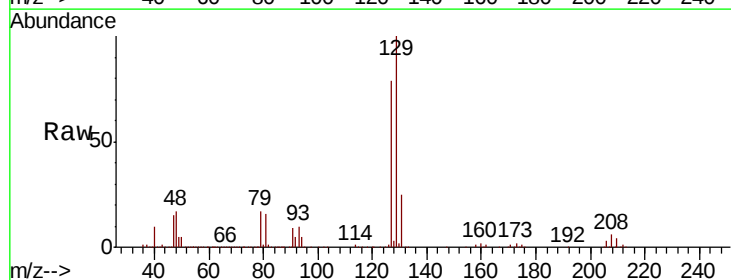
Manual Integrations
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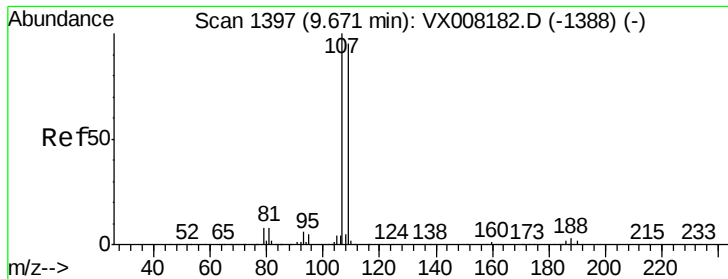
MMDadoda
3/22/2019 2:46:20 PM



#60
Dibromochloromethane
Concen: 53.575 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion: 129 Resp: 203106
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





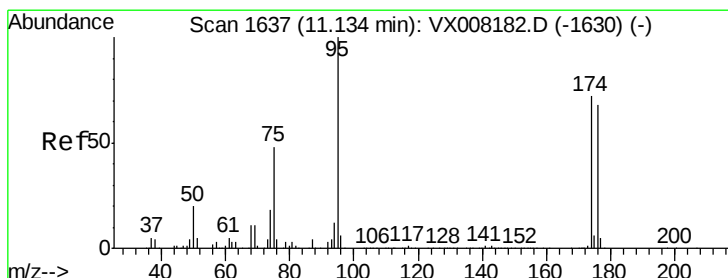
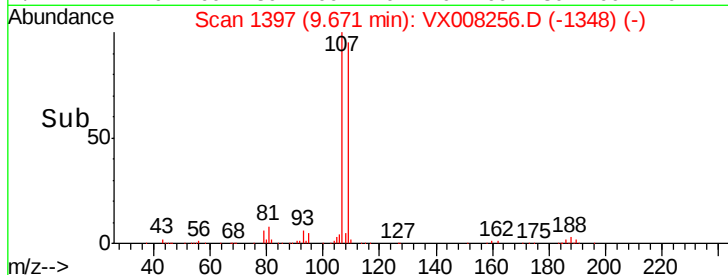
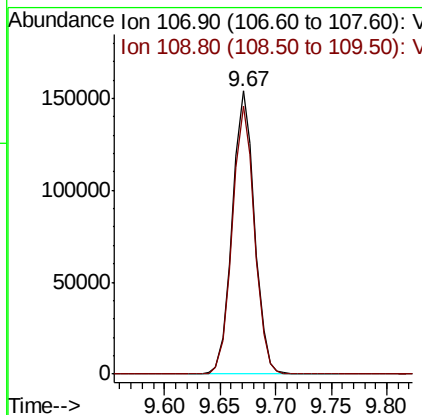
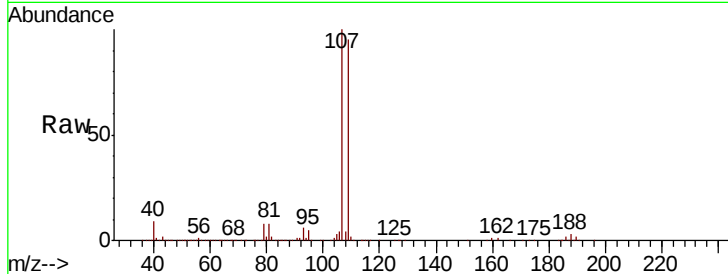
#61
 1,2-Dibromoethane
 Concen: 51.524 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.8	113.8

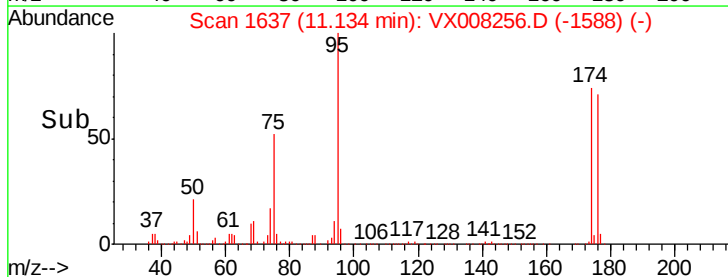
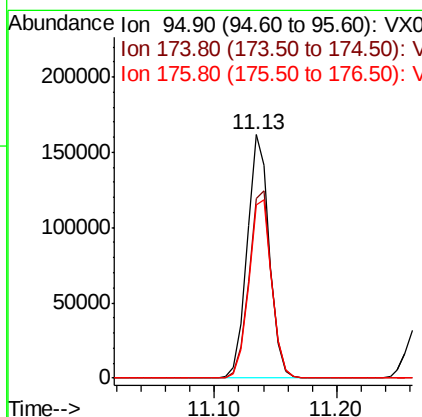
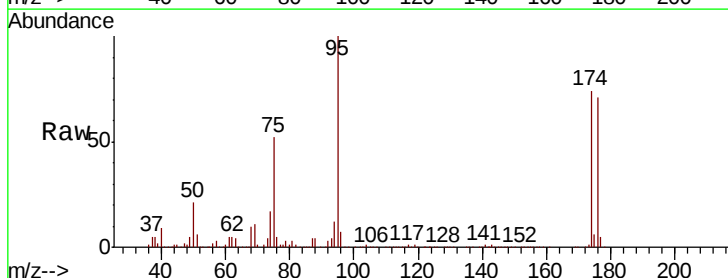
Manual Integrations
 APPROVED

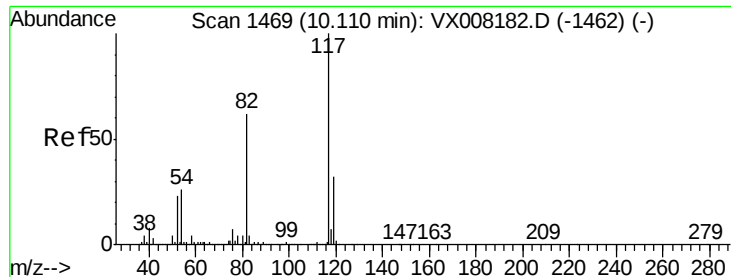
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 3/22/2019 2:46:20 PM



#62
 4-Bromofluorobenzene
 Concen: 48.433 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	182.8
176	76.4	0.0	178.0





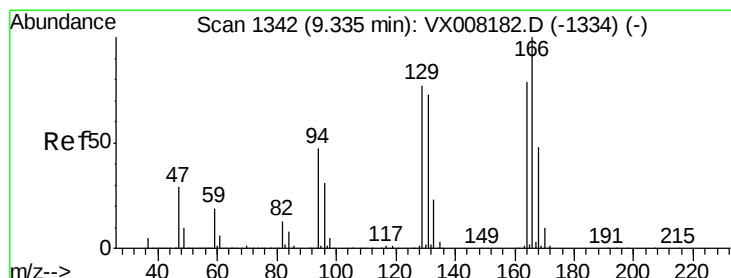
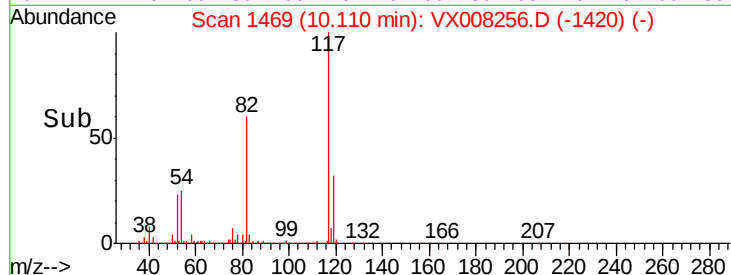
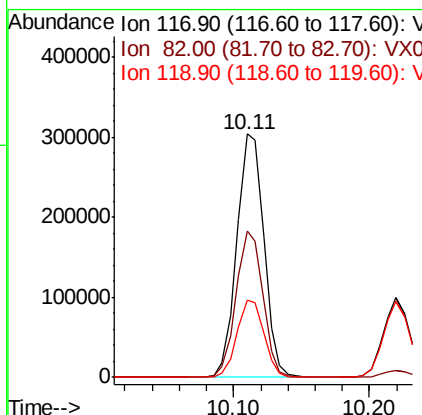
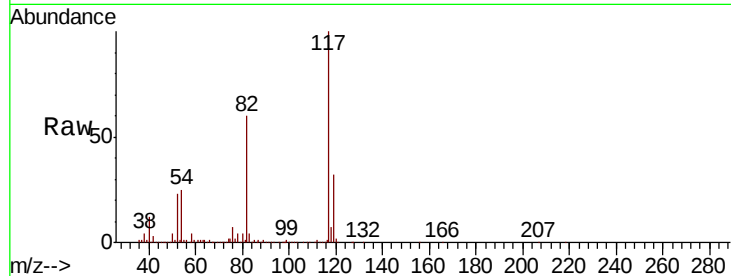
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	44.3	66.5
119	31.8	25.3	37.9

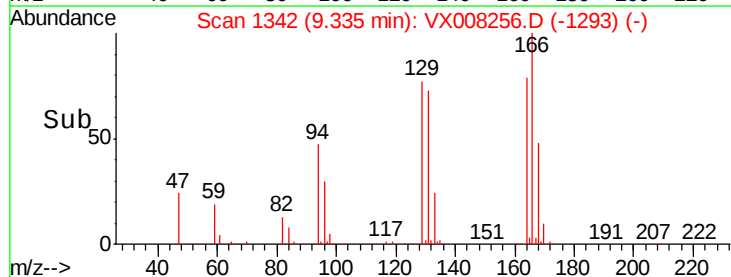
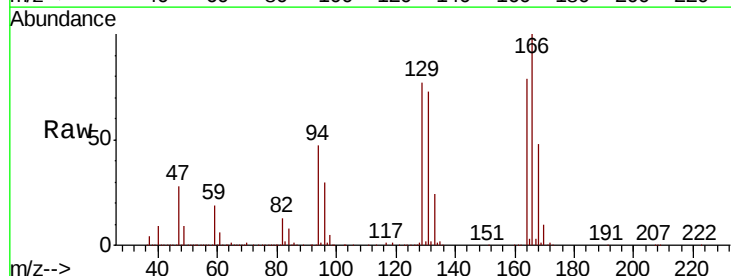
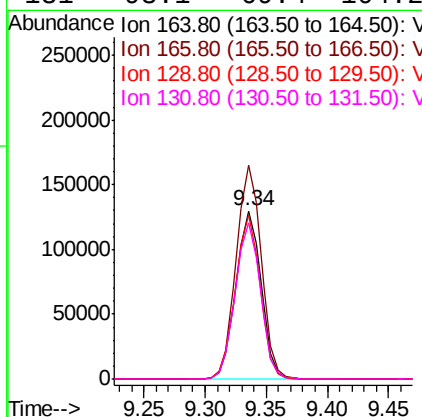
Manual Integrations
APPROVED

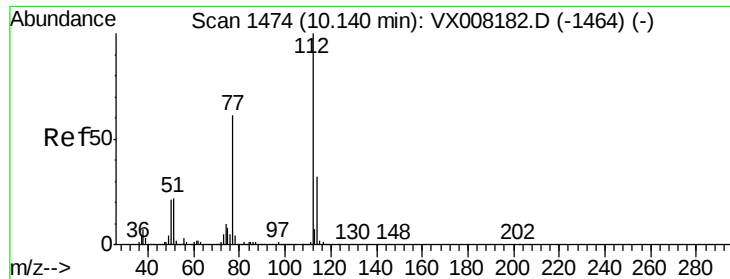
MMDadoda
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#64
Tetrachloroethene
Concen: 48.153 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.4	155.0
129	97.7	72.2	108.4
131	93.1	69.4	104.2





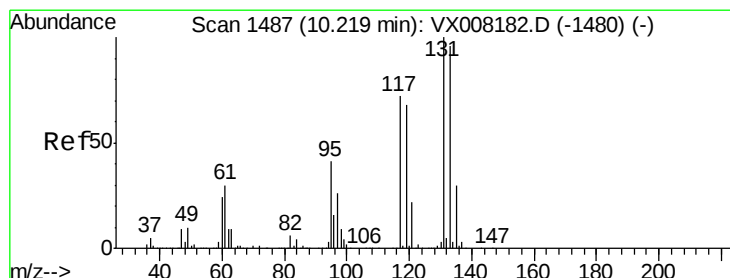
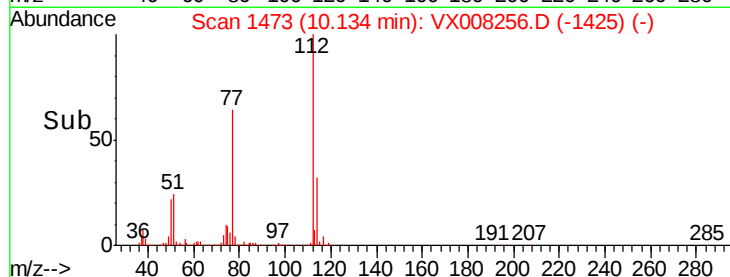
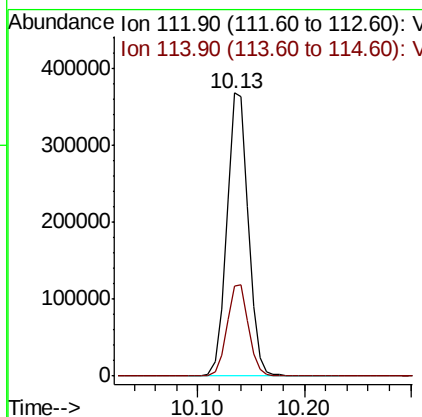
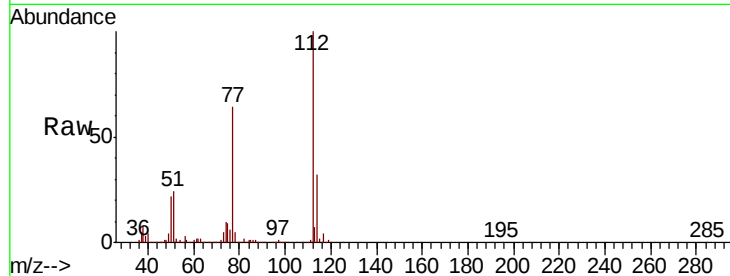
#65
Chlorobenzene
Concen: 49.956 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 520208
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

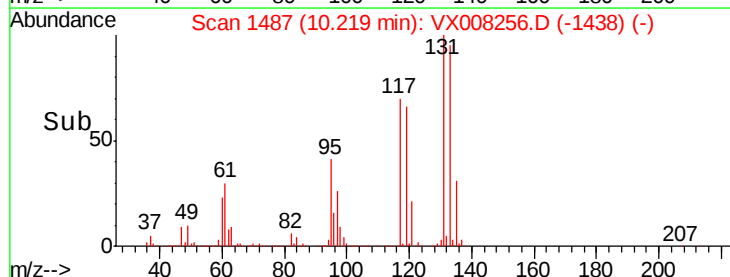
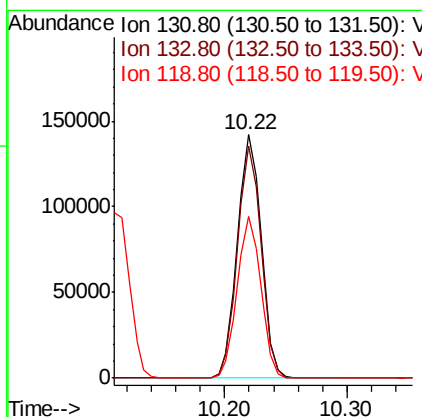
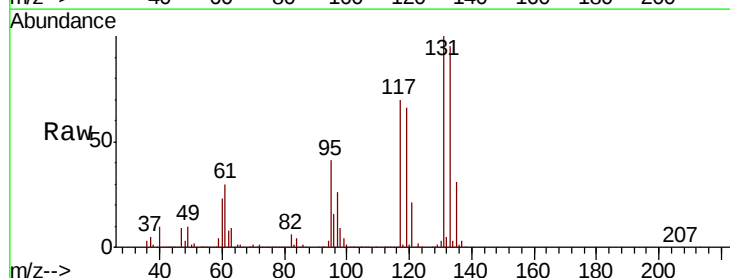
Manual Integrations
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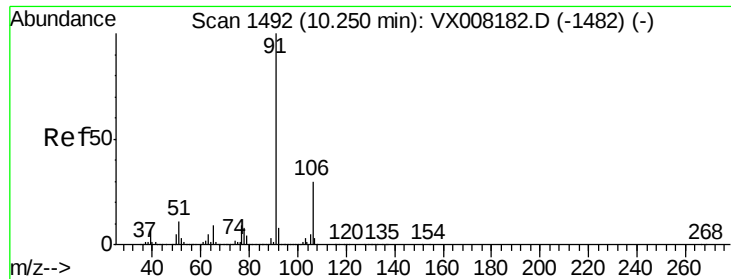
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.762 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion:131 Resp: 191564
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 65.8 32.5 97.5





#67

Ethyl Benzene

Concen: 51.072 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 937197

Ion Ratio Lower Upper

91 100

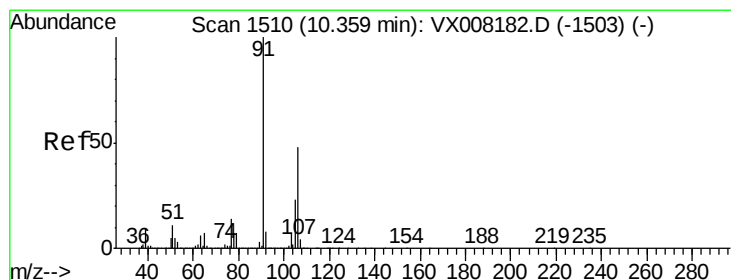
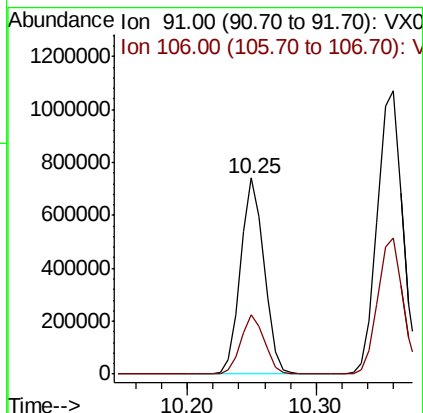
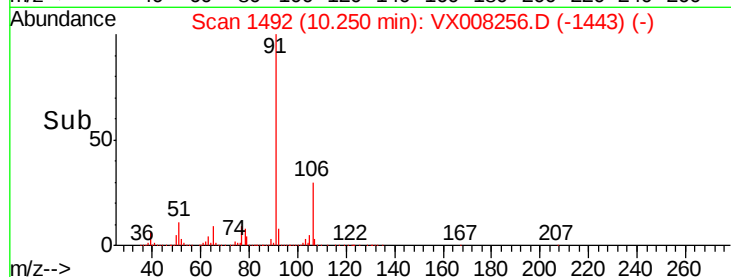
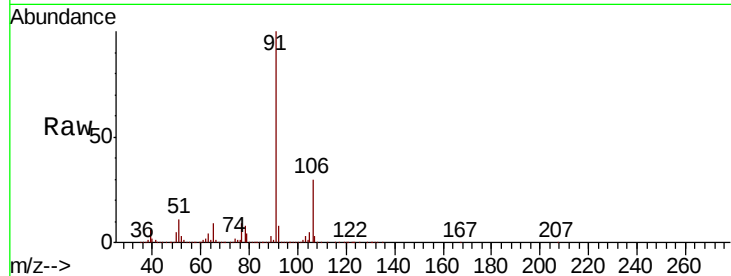
106 30.4 25.2 37.8

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 101.915 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008256.D

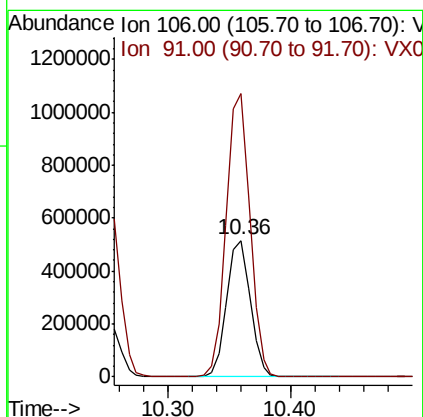
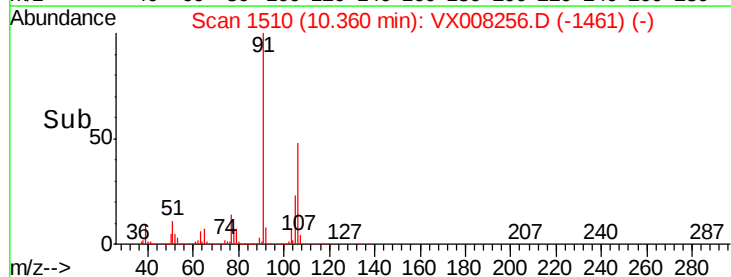
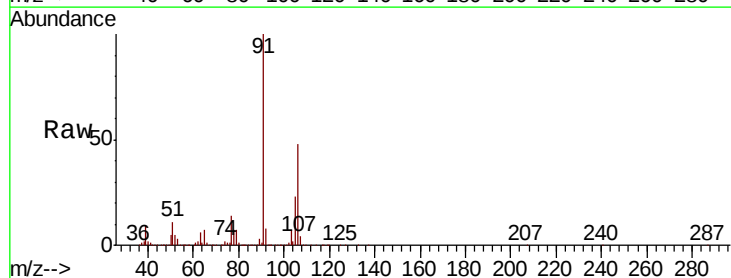
Acq: 20 Mar 2019 21:03

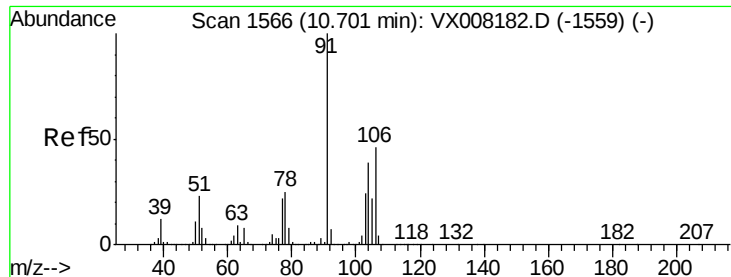
Tgt Ion: 106 Resp: 686990

Ion Ratio Lower Upper

106 100

91 209.7 159.8 239.6





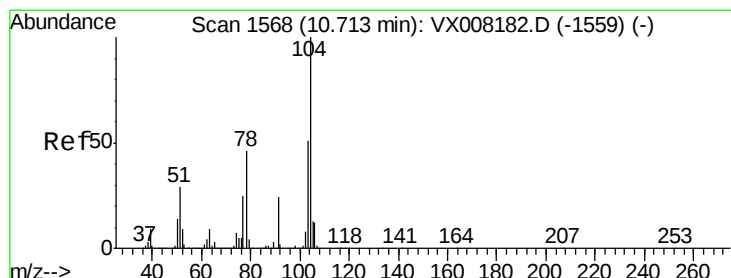
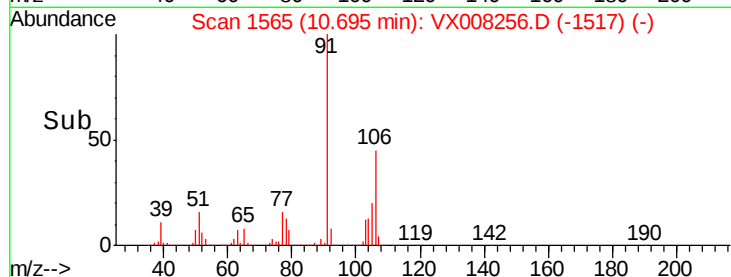
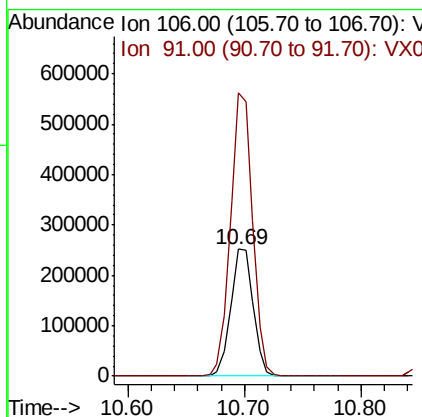
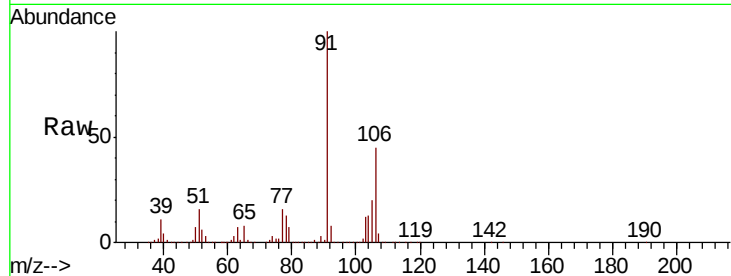
#69
o-Xylene
Concen: 51.625 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	220.1	106.3	318.9	

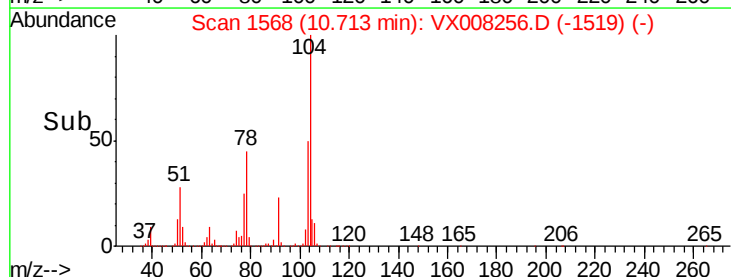
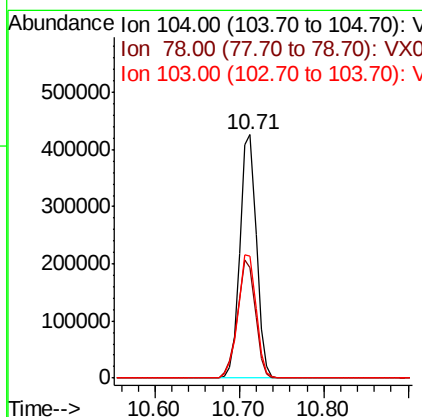
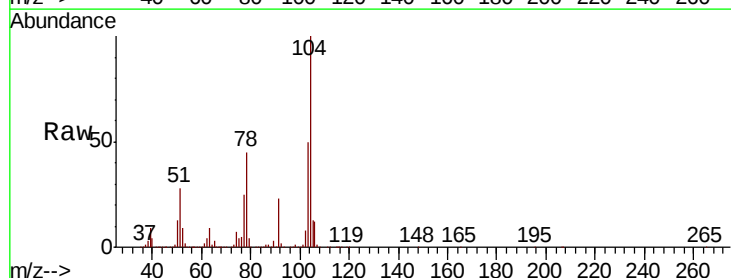
Manual Integrations
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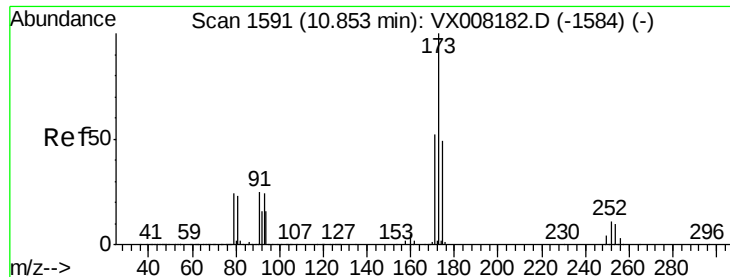
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#70
Styrene
Concen: 52.124 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.2	38.5	57.7	
103	56.1	44.1	66.1	





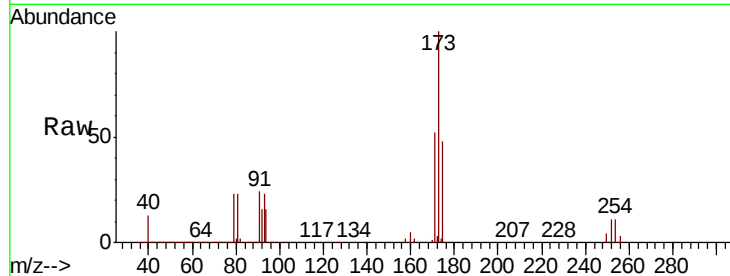
#71
Bromoform
Concen: 48.122 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.3	0.1	0.1#

Manual Integrations
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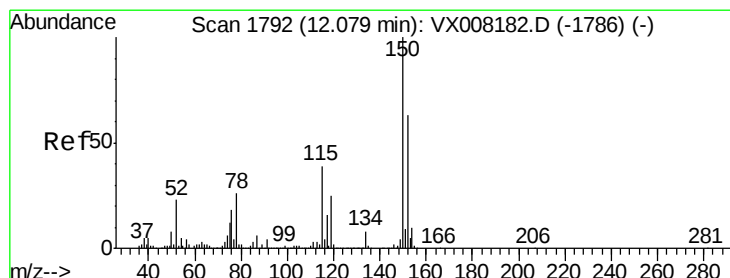
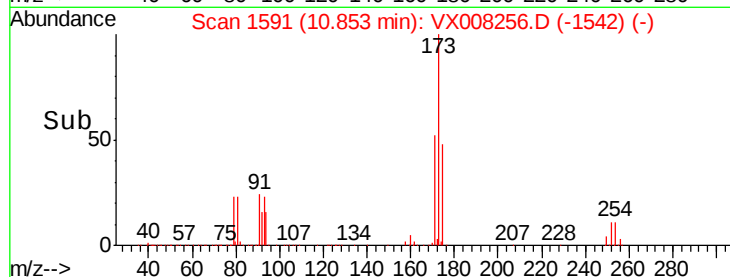
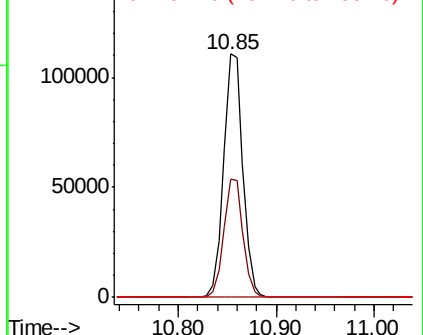


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

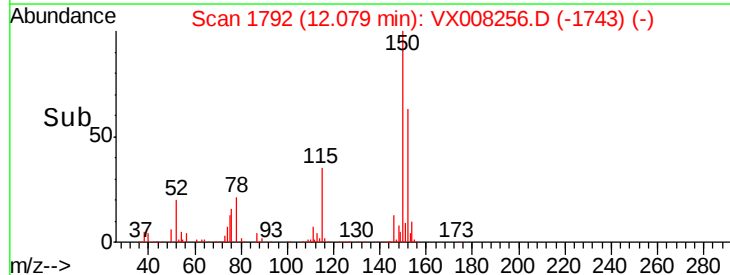
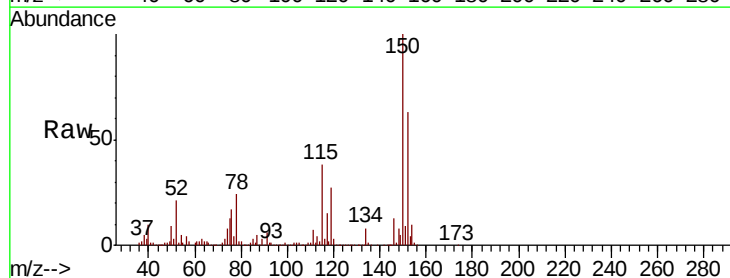
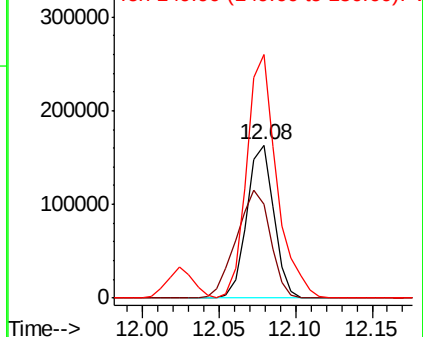
Tgt Ion	Ratio	Lower	Upper
152	100		
115	89.4	38.6	115.7
150	177.8	0.0	348.4

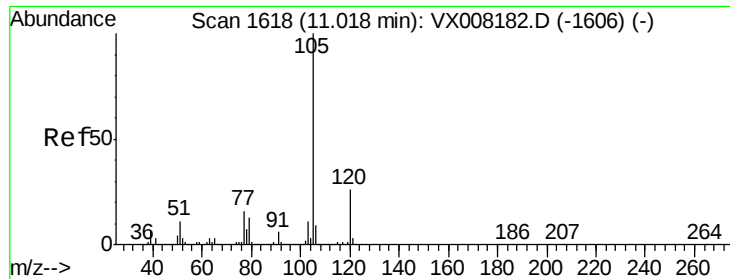
Abundance

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: 50.627 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 896306

Ion Ratio Lower Upper

105 100

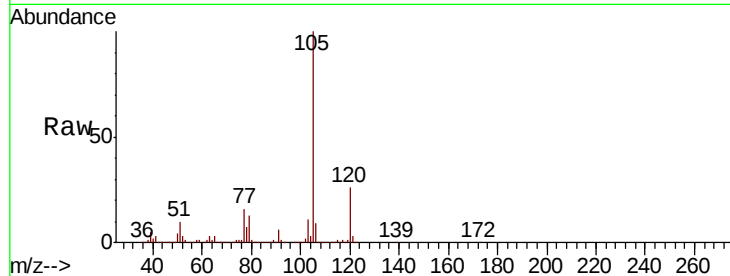
120 25.9 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

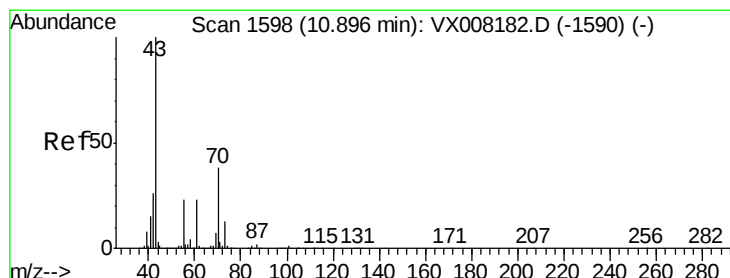
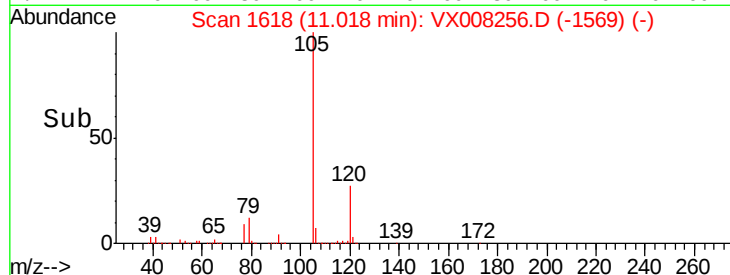
200000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 51.058 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion: 43 Resp: 473593

Ion Ratio Lower Upper

43 100

70 38.8 33.5 50.3

55 23.6 19.2 28.8

61 22.9 19.0 28.6

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

600000

500000

400000

300000

200000

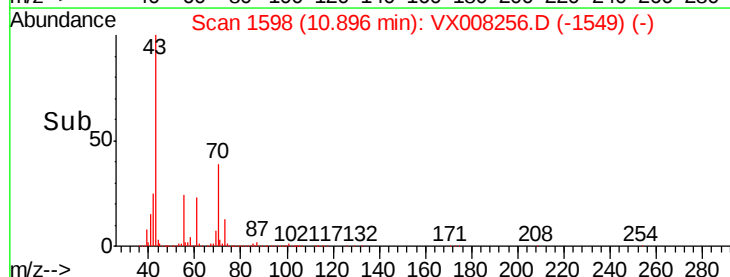
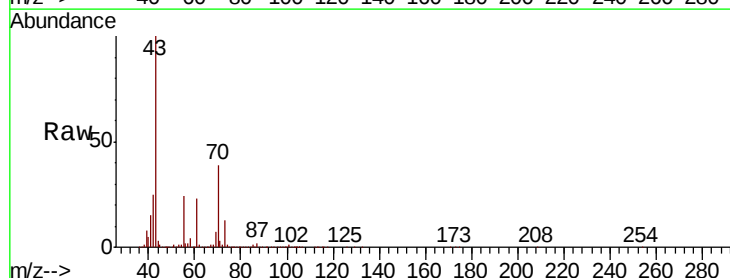
100000

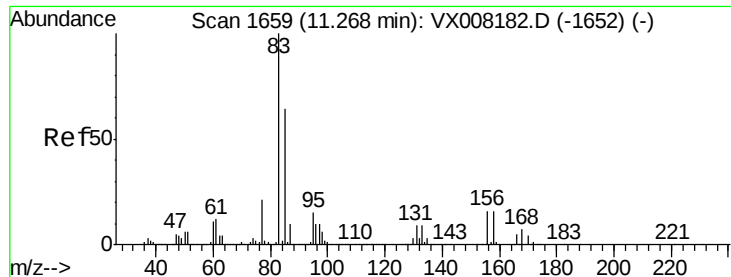
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.763 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

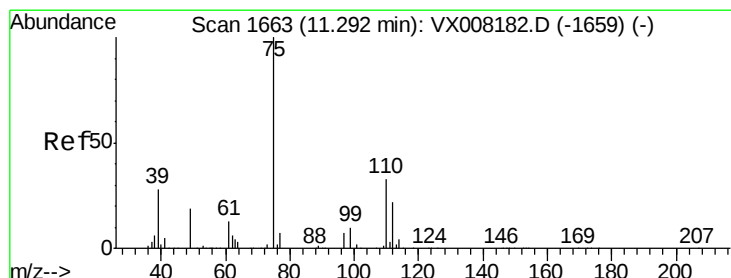
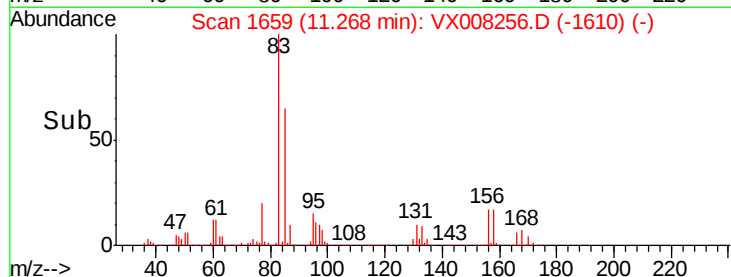
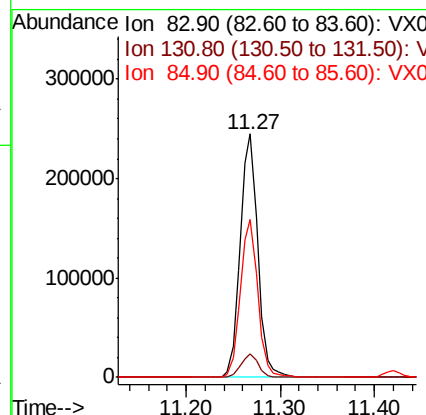
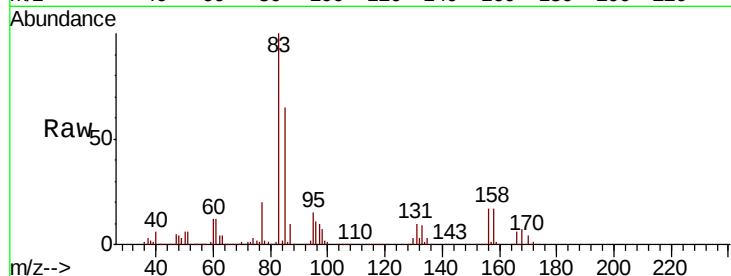
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	315908
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.4	16.2
85	64.6	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.747 ug/l m

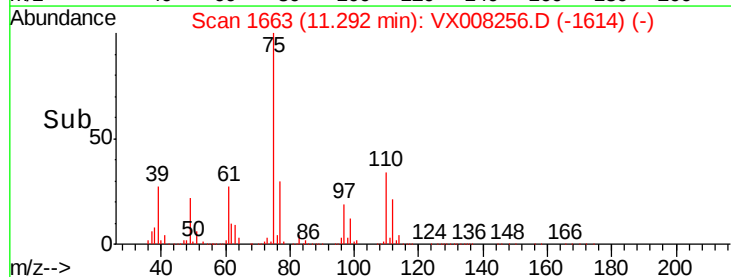
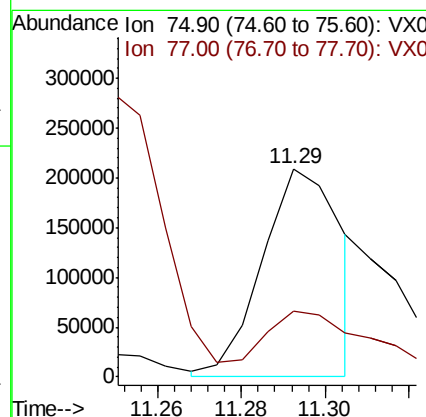
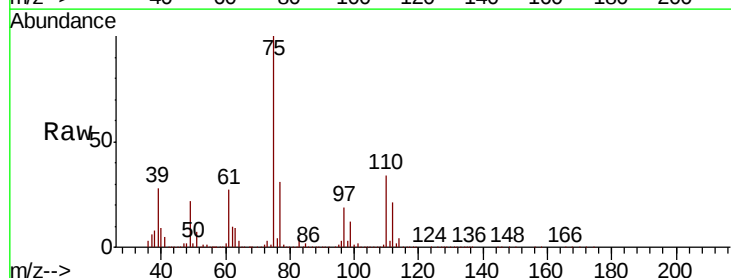
RT: 11.29 min Scan# 1663

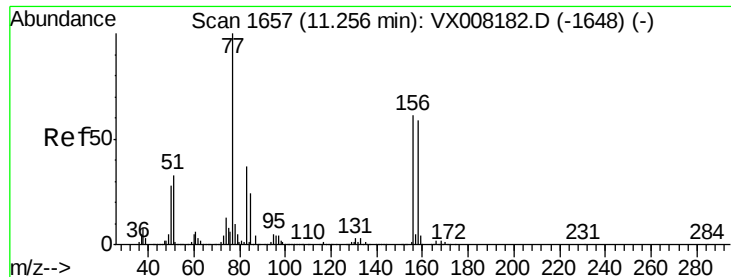
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	75	Resp:	272323
Ion Ratio	Lower	Upper	
75	100		
77	44.0	18.9	56.7





#77

Bromobenzene

Concen: 49.967 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

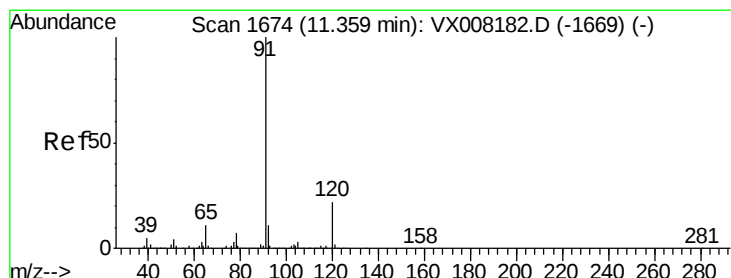
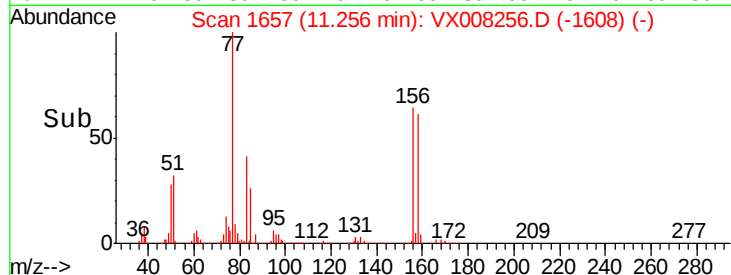
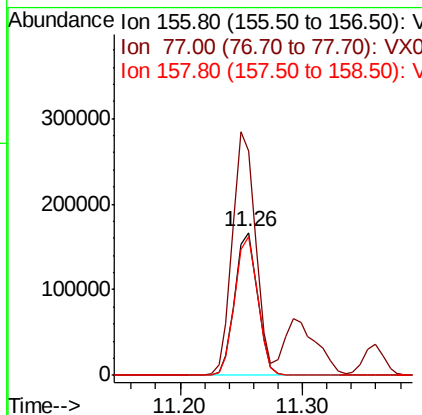
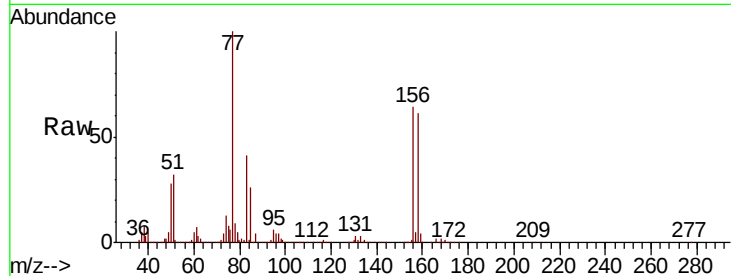
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	213884
Ion Ratio	Lower	Upper	
156	100		
77	172.8	72.0	215.9
158	97.3	48.6	145.9

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#78

n-propylbenzene

Concen: 50.873 ug/l

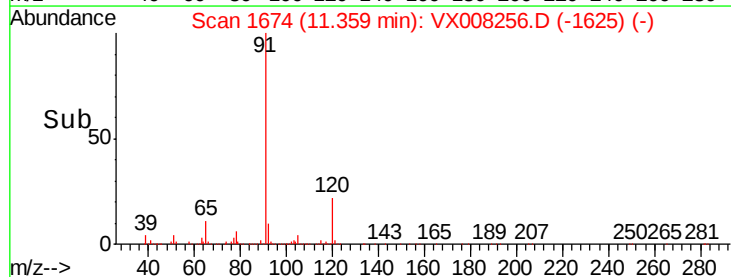
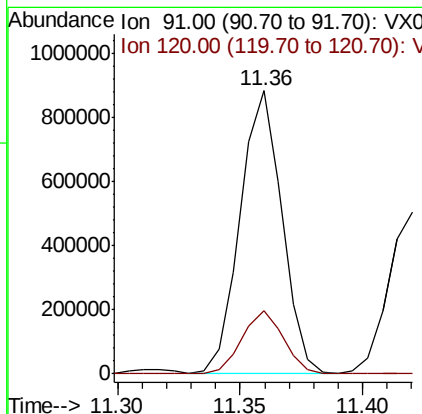
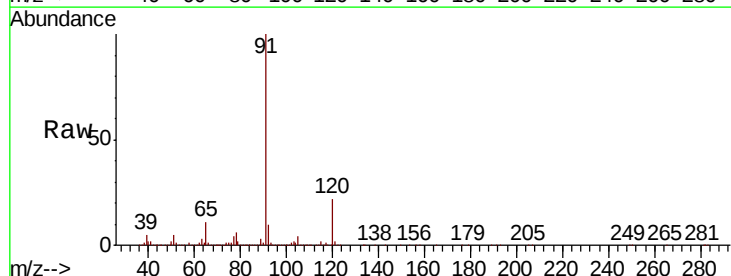
RT: 11.36 min Scan# 1674

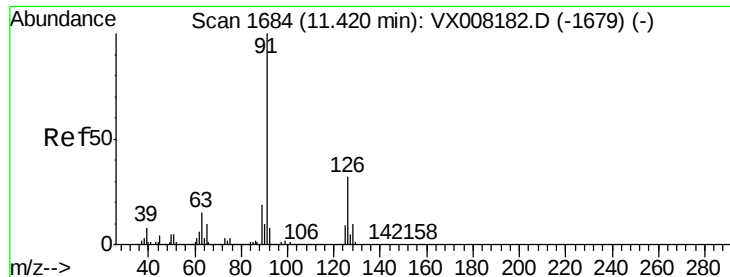
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	91	Resp:	1046087
Ion Ratio	Lower	Upper	
91	100		
120	22.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 49.943 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 616382

Ion Ratio Lower Upper

91 100

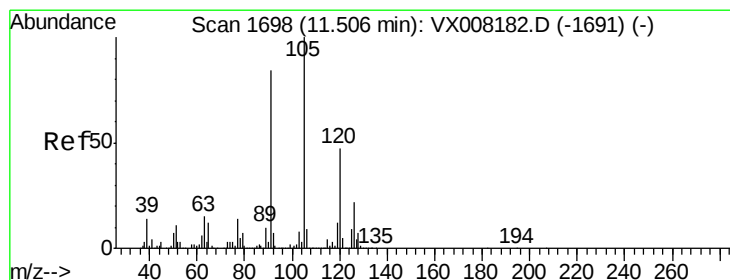
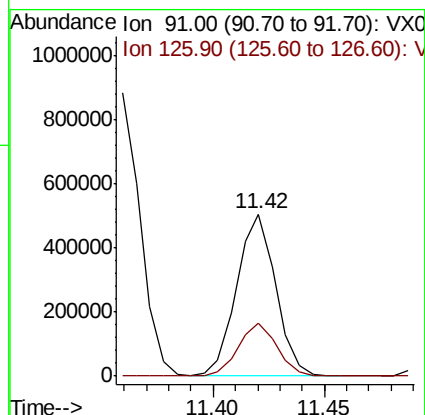
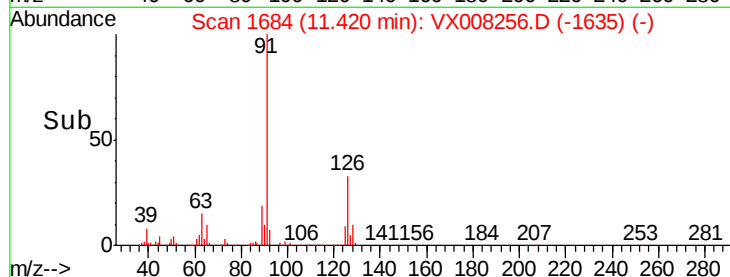
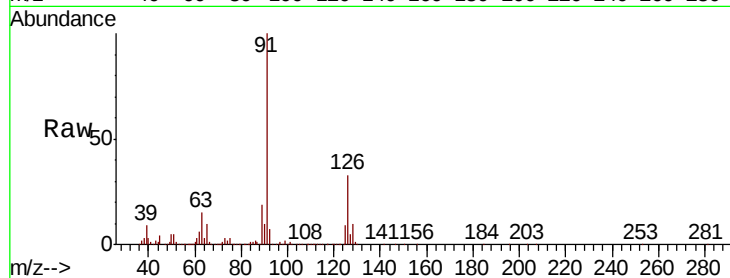
126 32.4 17.5 52.6

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#80

1,3,5-Trimethylbenzene

Concen: 50.823 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008256.D

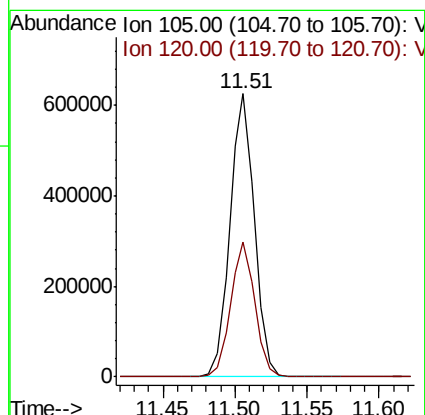
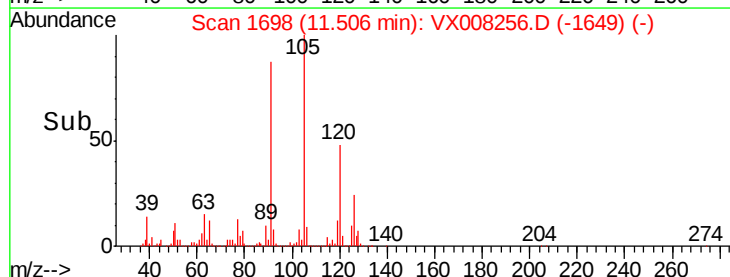
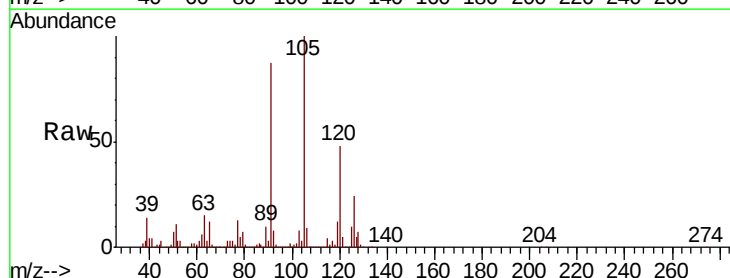
Acq: 20 Mar 2019 21:03

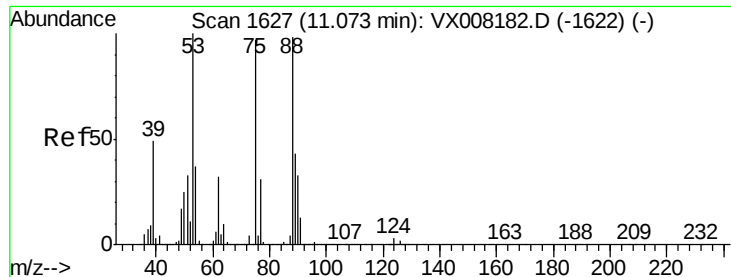
Tgt Ion: 105 Resp: 743350

Ion Ratio Lower Upper

105 100

120 47.1 24.9 74.6





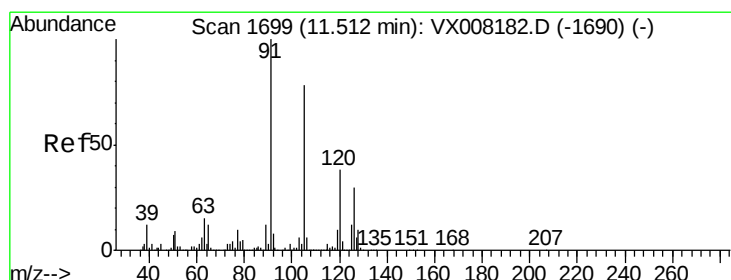
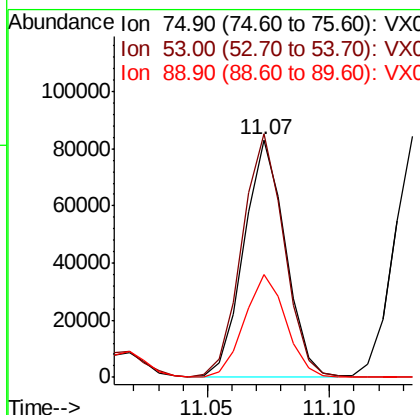
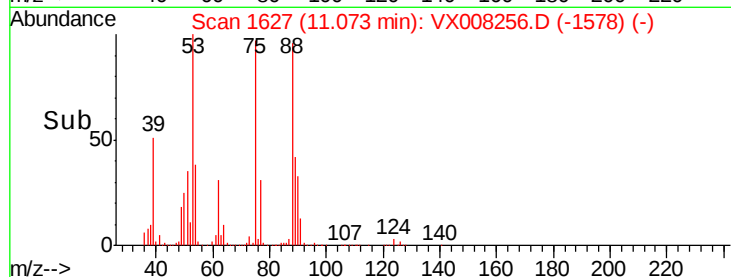
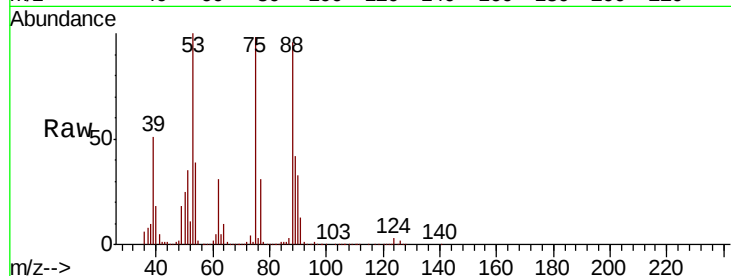
#81
trans-1,4-Dichloro-2-butene
Concen: 44.675 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.0	76.1	114.1
89	43.6	36.3	54.5

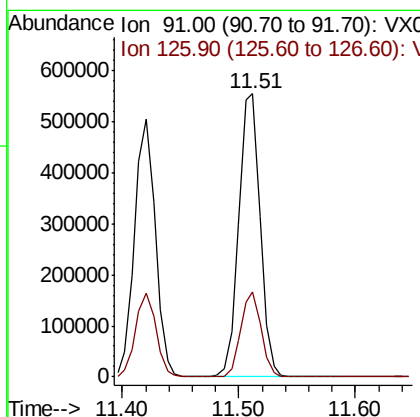
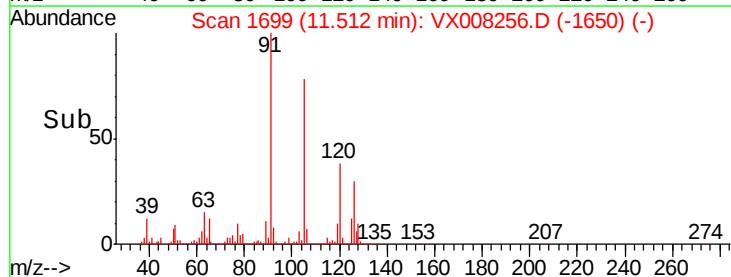
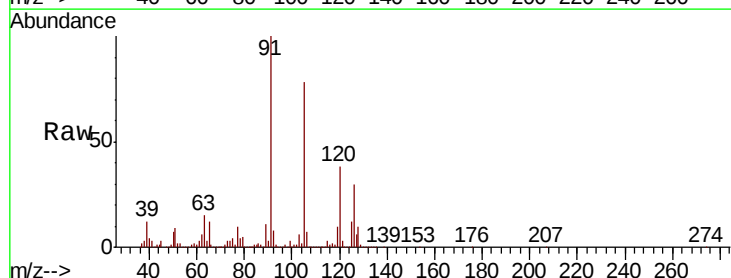
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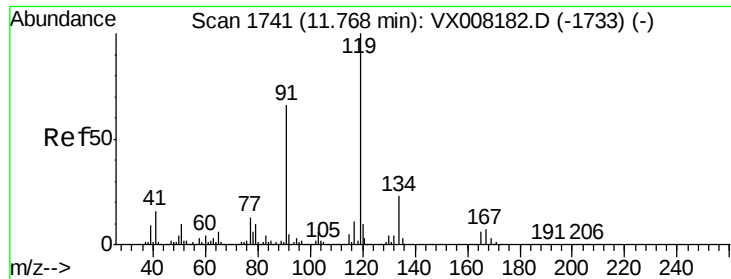
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#82
4-Chlorotoluene
Concen: 49.620 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	15.6	46.8





#83

tert-Butylbenzene

Concen: 51.078 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

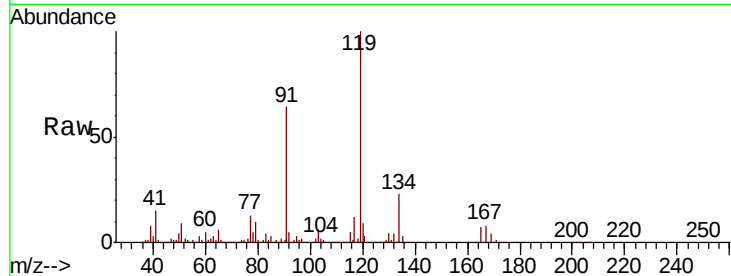
ClientSampleId :

VSTDCCC050EC

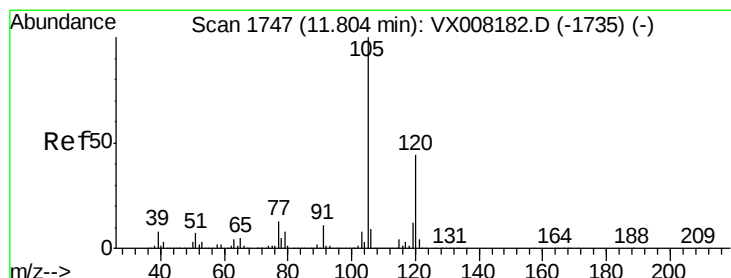
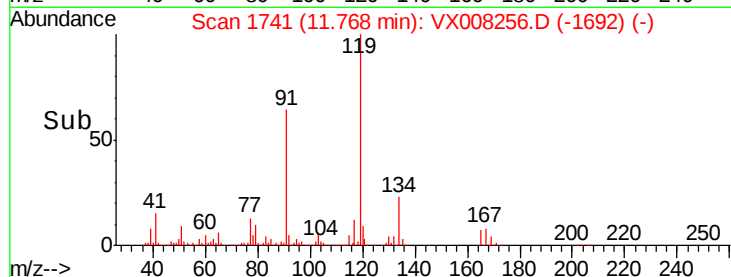
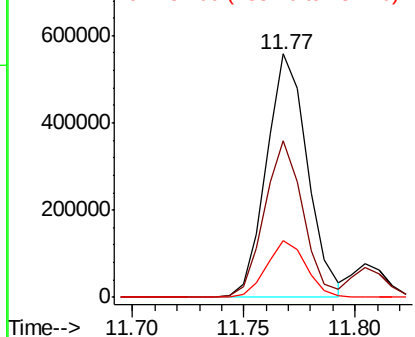
Tot Ion:	119	Resp:	713268
Ion Ratio	Lower	Upper	
119	100		
91	60.6	27.1	81.3
134	22.5	11.4	34.1

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.682 ug/l

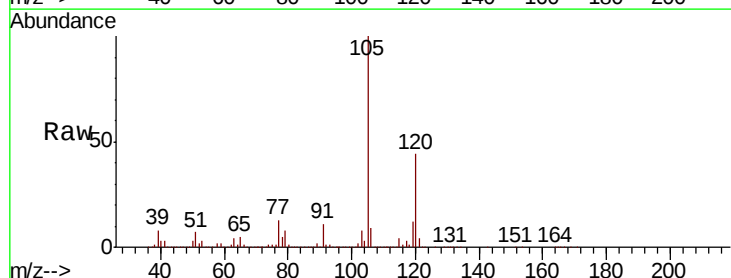
RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

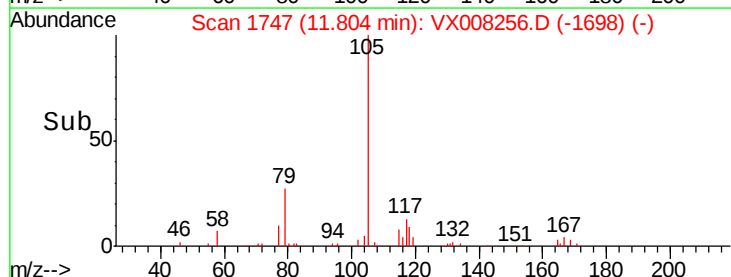
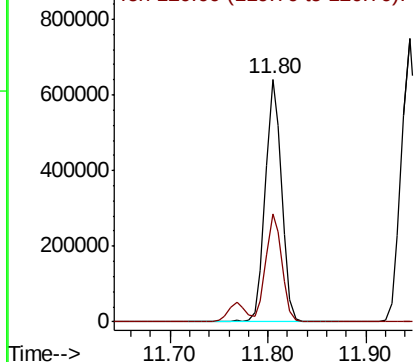
Lab File: VX008256.D

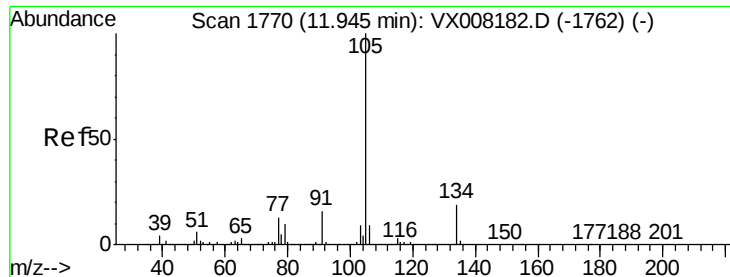
Acq: 20 Mar 2019 21:03

Tgt Ion:	105	Resp:	751513
Ion Ratio	Lower	Upper	
105	100		
120	43.7	22.6	67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.128 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 884153

Ion Ratio Lower Upper

105 100

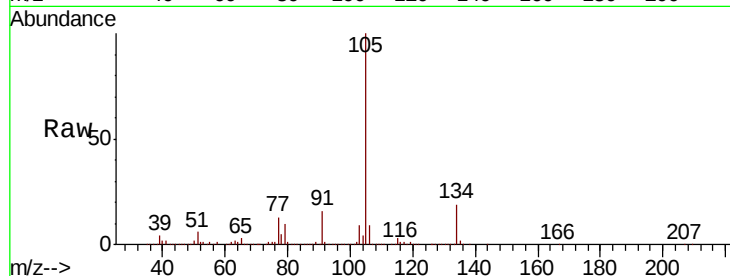
134 19.2 10.4 31.2

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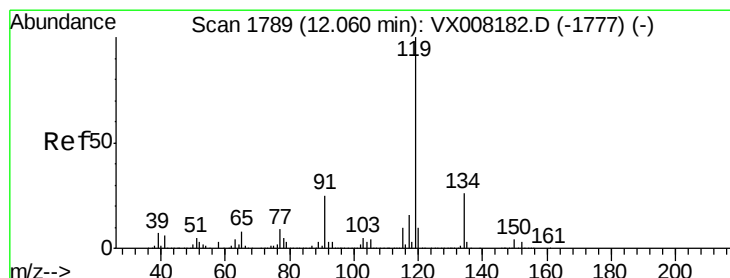
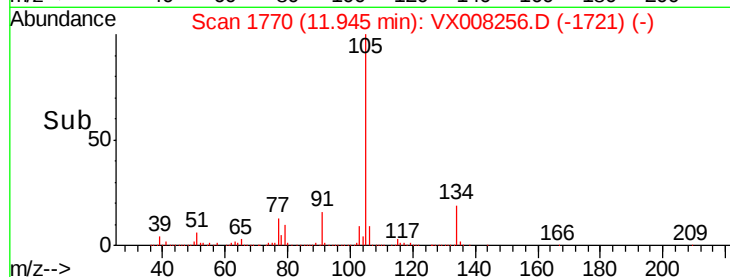
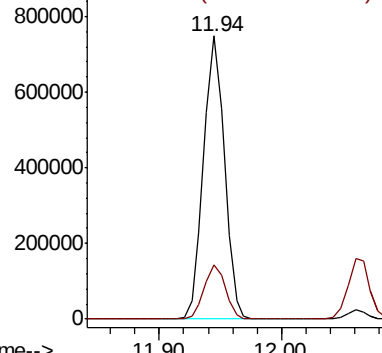
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.645 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

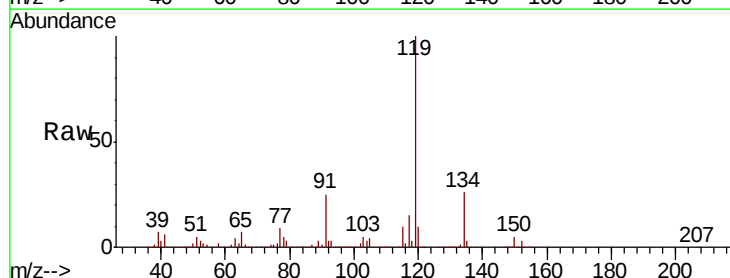
Tgt Ion:119 Resp: 758103

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

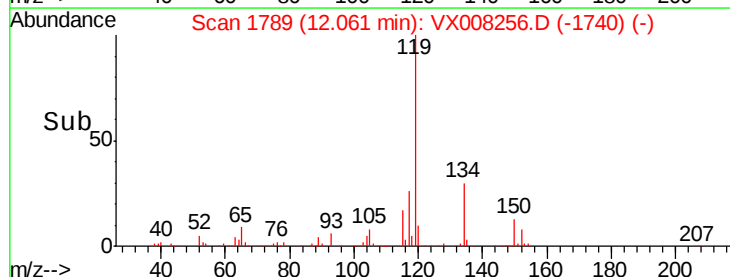
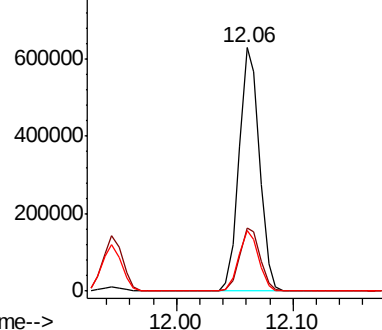
91 24.6 10.9 32.7

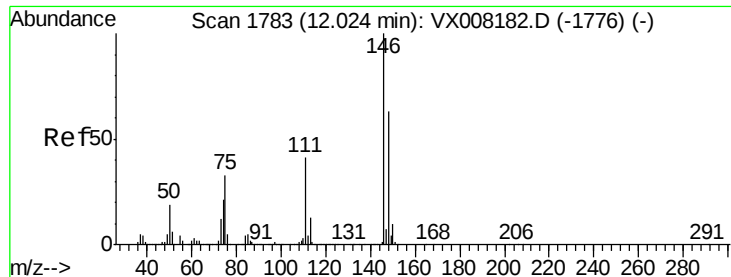


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.849 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

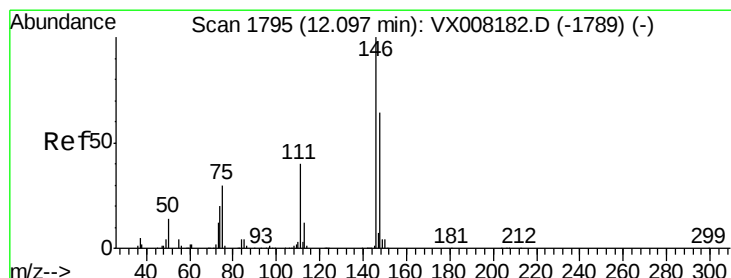
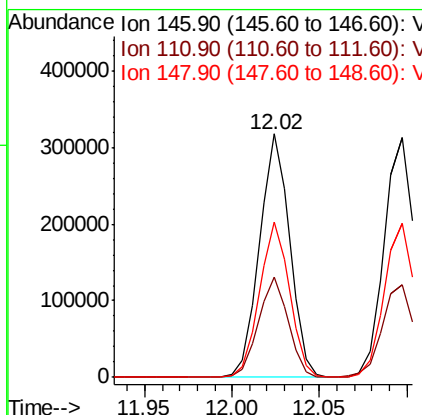
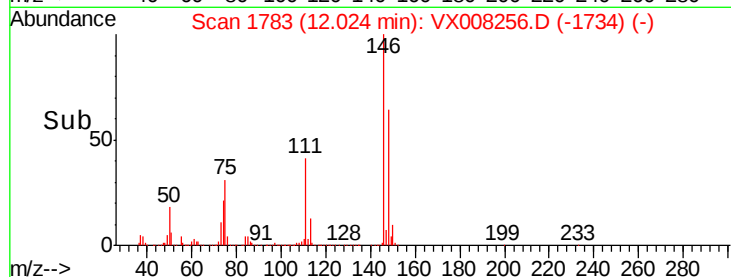
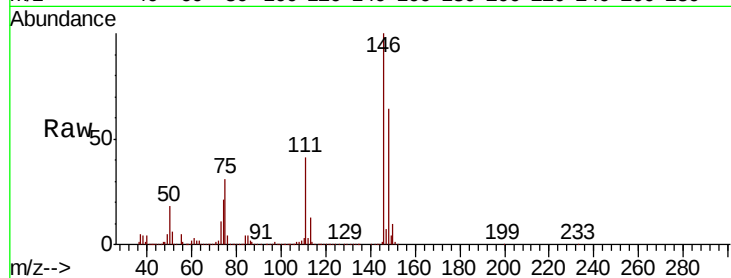
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	381338
Ion Ratio	Lower	Upper	
146	100		
111	40.8	18.9	56.7
148	63.4	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 48.239 ug/l

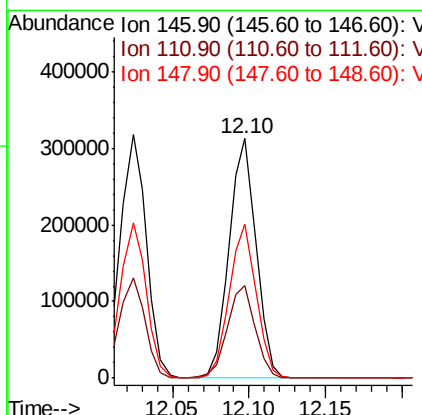
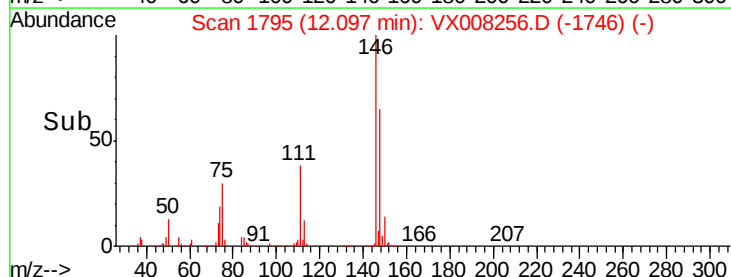
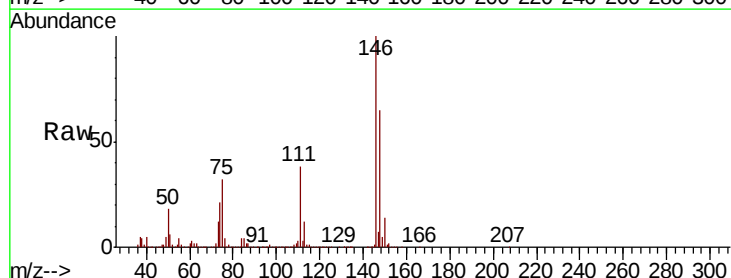
RT: 12.10 min Scan# 1795

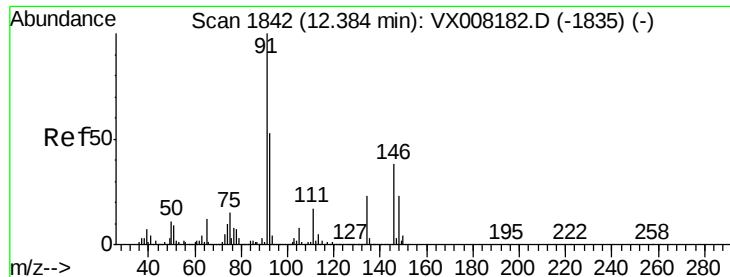
Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	146	Resp:	381706
Ion Ratio	Lower	Upper	
146	100		
111	39.9	18.4	55.0
148	64.0	32.2	96.6





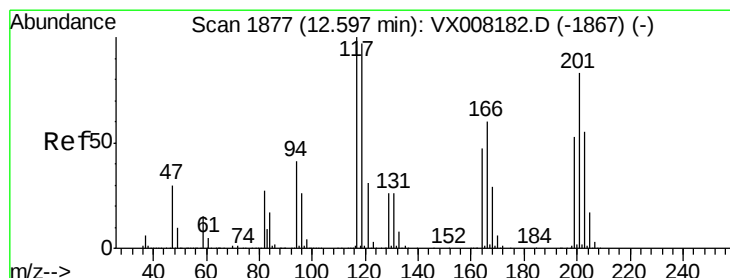
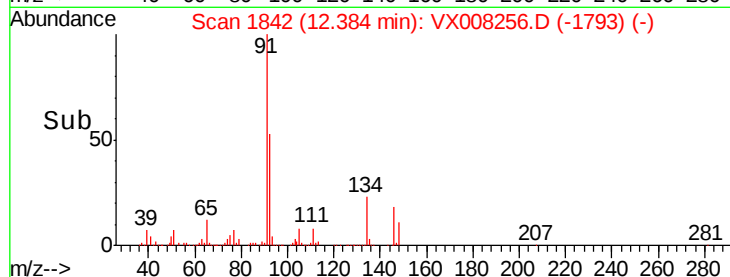
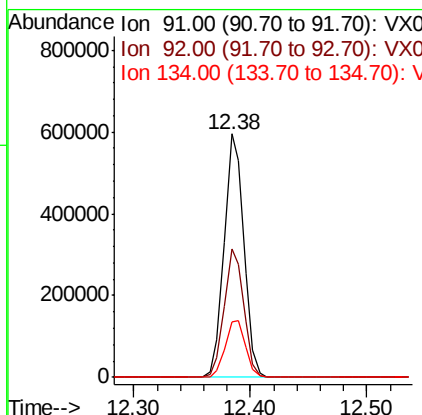
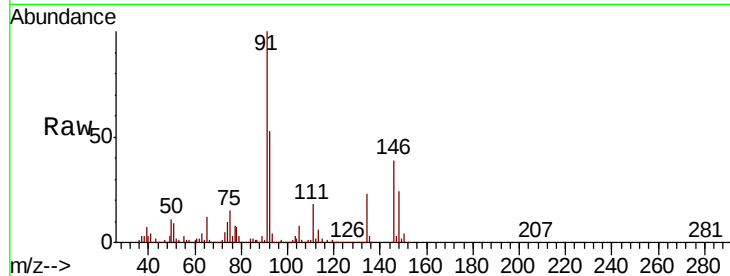
#89
n-Butylbenzene
Concen: 49.433 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.0	80.8
134	24.4	13.7	41.0

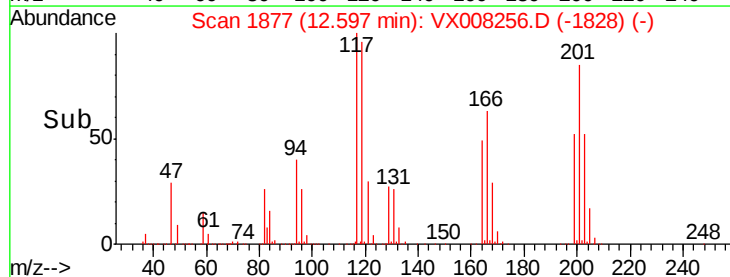
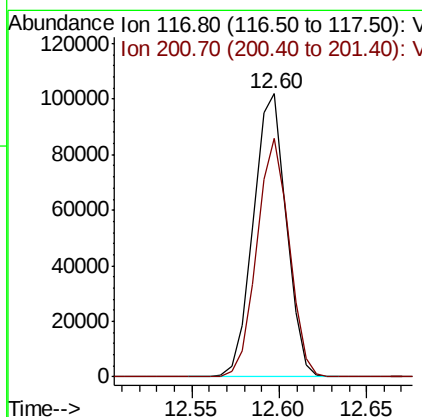
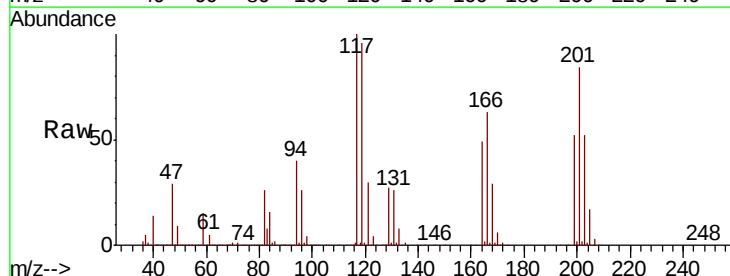
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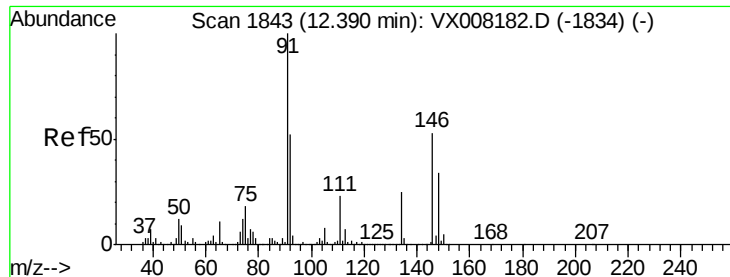
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#90
Hexachloroethane
Concen: 52.425 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.4	48.9	146.7





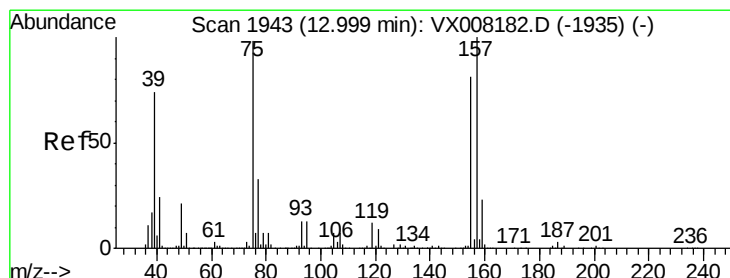
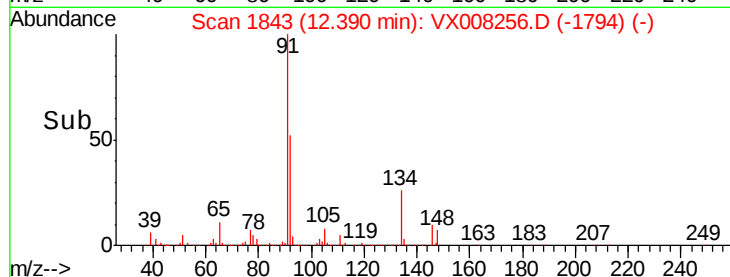
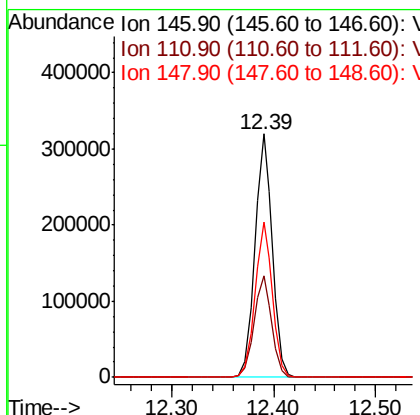
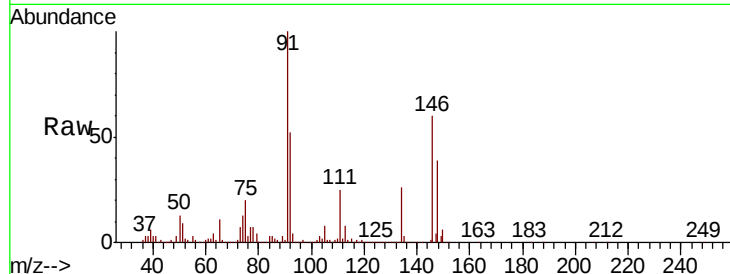
#91
 1,2-Dichlorobenzene
 Concen: 49.628 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.6	58.8
148	63.7	31.9	95.5

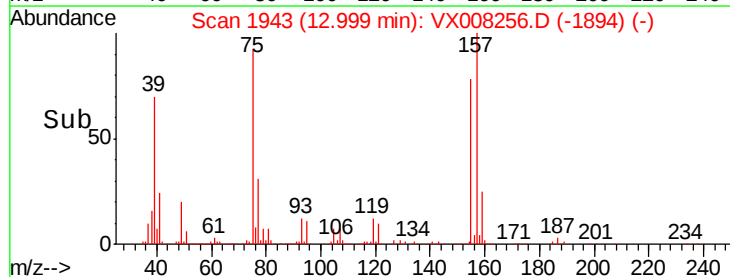
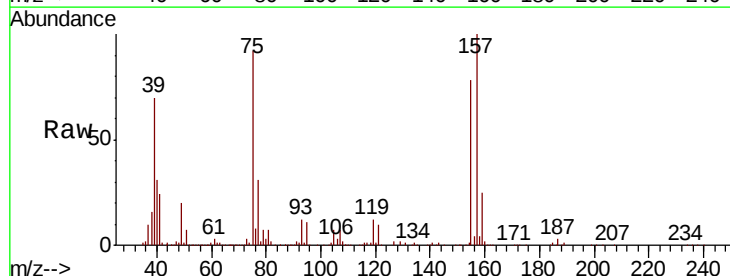
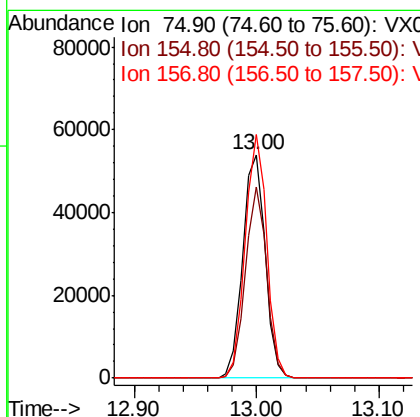
Manual Integrations
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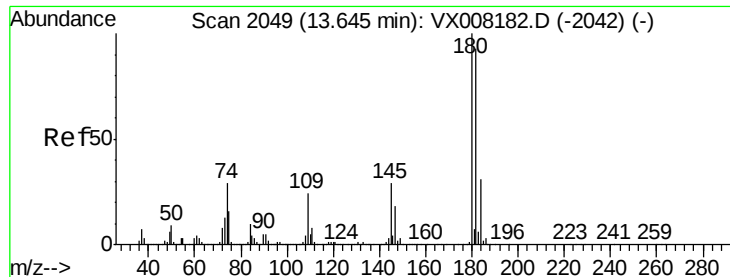
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.443 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008256.D
 Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	49.7	149.1
157	105.6	63.8	191.4





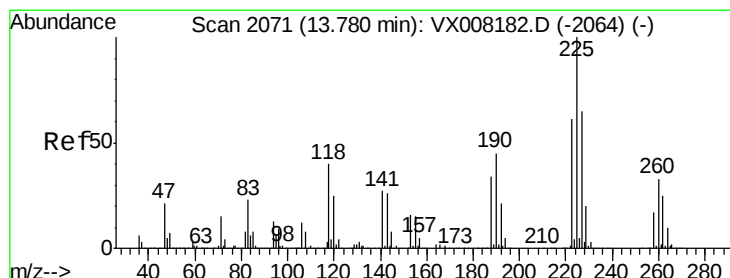
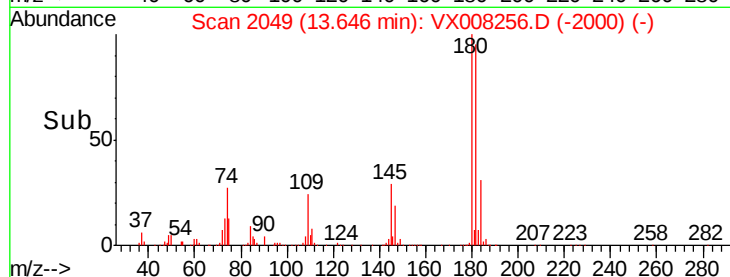
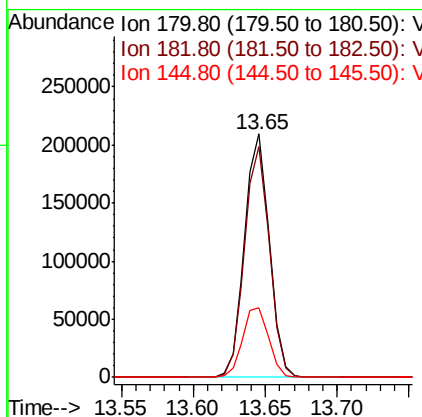
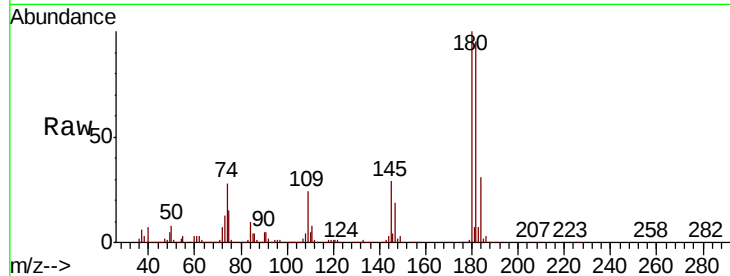
#93
1,2,4-Trichlorobenzene
Concen: 49.174 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	249836		
182	95.0	47.9	143.7	
145	30.0	14.1	42.4	

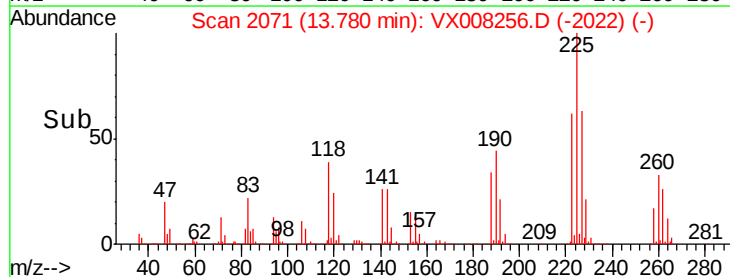
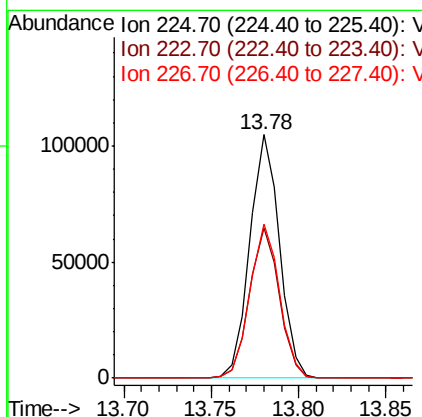
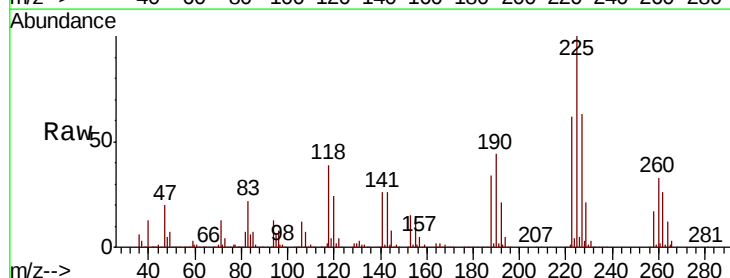
Manual Integrations
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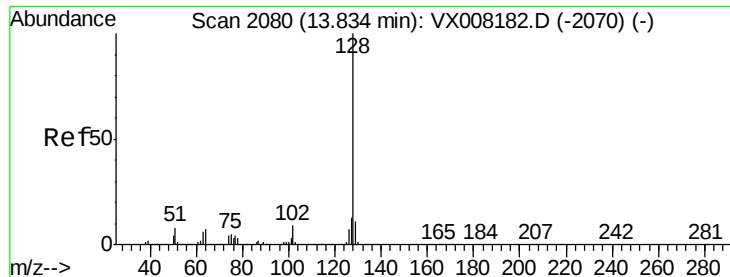
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#94
Hexachlorobutadiene
Concen: 49.730 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX008256.D
Acq: 20 Mar 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123226		
223	62.1	31.1	93.2	
227	63.5	32.0	96.0	





#95

Naphthalene

Concen: 51.727 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Instrument :

MSVOA_X

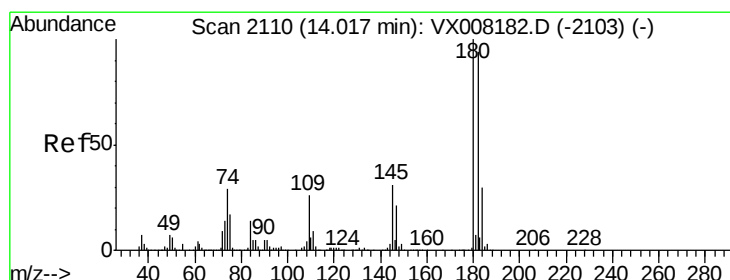
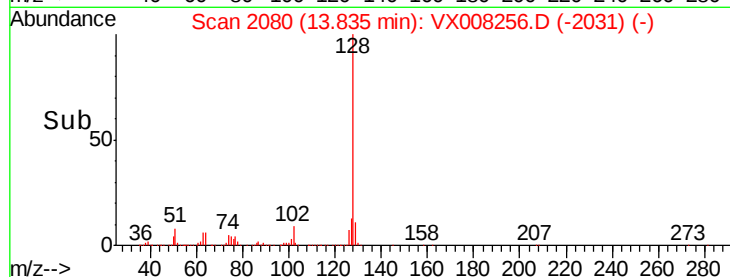
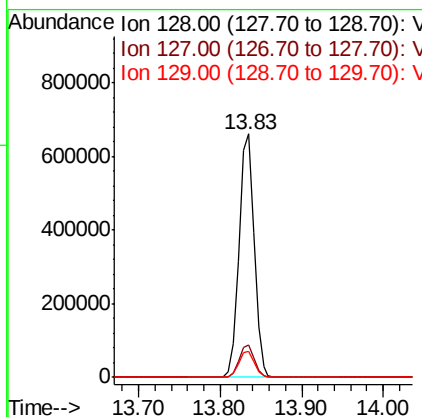
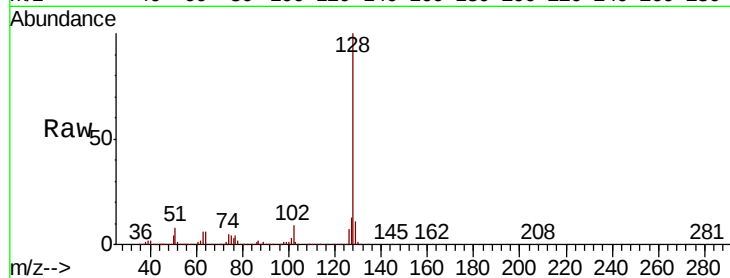
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	829479
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.163 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008256.D

Acq: 20 Mar 2019 21:03

Tgt Ion:	180	Resp:	250777
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.5	142.5
145	31.8	14.8	44.3

