

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122319\
 Data File : VX014216.D
 Acq On : 23 Dec 2019 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/24/2019 8:53:26 AM

Quant Time: Dec 24 03:42:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	529272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	821176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	736095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	284685	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	236837	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.71	98	926047	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.14	95	327302	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	203901	43.062	ug/l	99
3) Chloromethane	1.32	50	272200	42.836	ug/l	100
4) Vinyl Chloride	1.40	62	301655	44.989	ug/l	98
5) Bromomethane	1.63	94	161064	33.844	ug/l	100
6) Chloroethane	1.72	64	193220	46.691	ug/l	94
7) Trichlorofluoromethane	1.92	101	388670	46.826	ug/l	100
8) Diethyl Ether	2.18	74	180235	46.268	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	235551	47.078	ug/l	99
10) Methyl Iodide	2.50	142	226006	35.078	ug/l	99
11) Tert butyl alcohol	3.03	59	303986	234.529	ug/l	99
12) 1,1-Dichloroethene	2.37	96	235022	46.162	ug/l	97
13) Acrolein	2.28	56	173160	233.382	ug/l	100
14) Allyl chloride	2.72	41	429340	47.230	ug/l	99
15) Acrylonitrile	3.13	53	752132	248.613	ug/l	99
16) Acetone	2.43	43	634482	162.924	ug/l	99
17) Carbon Disulfide	2.56	76	605175	42.924	ug/l	99
18) Methyl Acetate	2.76	43	397900	51.563	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	817390	48.858	ug/l	98
20) Methylene Chloride	2.85	84	273811	44.649	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	254236	45.327	ug/l	97
22) Diisopropyl ether	3.84	45	878223	48.481	ug/l	96
23) Vinyl Acetate	3.80	43	3021707	204.409	ug/l	100
24) 1,1-Dichloroethane	3.69	63	473527	46.985	ug/l	98
25) 2-Butanone	4.65	43	1040456	216.704	ug/l	98
26) 2,2-Dichloropropane	4.58	77	346925	44.336	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	297802	46.946	ug/l	99
28) Bromochloromethane	5.00	49	197879	51.043	ug/l	99
29) Tetrahydrofuran	5.11	42	673338	250.733	ug/l	99
30) Chloroform	5.20	83	467464	48.929	ug/l	99
31) Cyclohexane	5.57	56	425944	47.519	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	390678	47.980	ug/l	98
36) 1,1-Dichloropropene	5.79	75	349250	46.352	ug/l	99
37) Ethyl Acetate	4.82	43	409681	49.238	ug/l	100
38) Carbon Tetrachloride	5.78	117	330318	48.123	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	419818	45.124	ug/l	97
40) Benzene	6.14	78	1079118	46.547	ug/l	98
41) Methacrylonitrile	5.03	41	225505	48.846	ug/l	100
42) 1,2-Dichloroethane	6.18	62	369217	46.982	ug/l	100
43) Isopropyl Acetate	6.43	43	668550	48.551	ug/l	100
44) Trichloroethene	7.20	130	301526	47.088	ug/l	99
45) 1,2-Dichloropropane	7.51	63	286333	48.187	ug/l	96
46) Dibromomethane	7.65	93	181961	46.316	ug/l	99
47) Bromodichloromethane	7.89	83	363067	49.070	ug/l	99
48) Methyl methacrylate	7.76	41	331597	49.178	ug/l	99
49) 1,4-Dioxane	7.73	88	124597	908.025	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2092545	241.974	ug/l	99
52) Toluene	8.78	92	682609	46.583	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	398874	49.164	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	442132	48.916	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	280238	47.716	ug/l	98
56) Ethyl methacrylate	9.17	69	454502	49.266	ug/l	100
57) 1,3-Dichloropropane	9.37	76	466807	47.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	893772	256.002	ug/l	100
59) 2-Hexanone	9.49	43	1581976	227.246	ug/l	100
60) Dibromochloromethane	9.58	129	291826	49.989	ug/l	98
61) 1,2-Dibromoethane	9.67	107	292171	48.622	ug/l	100
64) Tetrachloroethene	9.33	164	404699	62.132	ug/l	98
65) Chlorobenzene	10.14	112	734239	46.913	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	273384	48.920	ug/l	99
67) Ethyl Benzene	10.25	91	1288615	47.890	ug/l	100
68) m/p-Xylenes	10.35	106	993816	96.028	ug/l	99
69) o-Xylene	10.70	106	483107	47.597	ug/l	99
70) Styrene	10.71	104	830441	48.384	ug/l	100
71) Bromoform	10.85	173	224302	49.933	ug/l	99
73) Isopropylbenzene	11.01	105	1266564	48.712	ug/l	99
74) N-amyl acetate	10.89	43	586518	48.123	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	413297	45.848	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	347229m	43.310	ug/l	
77) Bromobenzene	11.25	156	331477	46.335	ug/l	99
78) n-propylbenzene	11.35	91	1431891	49.096	ug/l	100
79) 2-Chlorotoluene	11.42	91	846082	47.724	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1055751	48.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141314	49.750	ug/l	100
82) 4-Chlorotoluene	11.51	91	976545	47.487	ug/l	99
83) tert-Butylbenzene	11.76	119	917006	43.061	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	1052051	48.007	ug/l	100
85) sec-Butylbenzene	11.94	105	1217813	48.441	ug/l	99
86) p-Isopropyltoluene	12.06	119	1124995	48.921	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	583811	46.563	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	576555	45.225	ug/l	100
89) n-Butylbenzene	12.39	91	963612	49.109	ug/l	100
90) Hexachloroethane	12.59	117	200675	48.583	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	583076	46.197	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89062	44.646	ug/l	94

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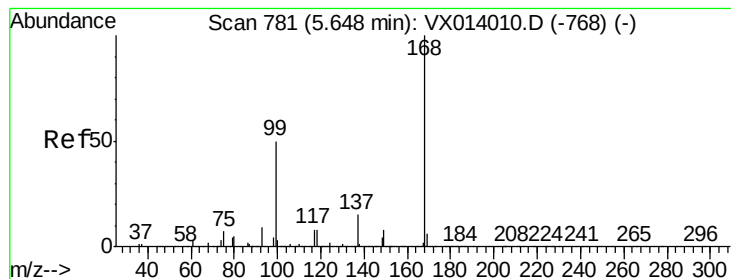
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	386204	47.078	ug/l	99
94) Hexachlorobutadiene	13.78	225	183525	46.550	ug/l	97
95) Naphthalene	13.83	128	1205120	50.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	389372	48.083	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 529272

Ion Ratio Lower Upper

168 100

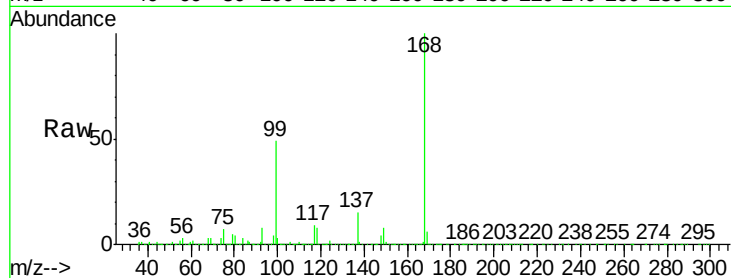
99 49.2 40.3 60.5

Manual Integrations

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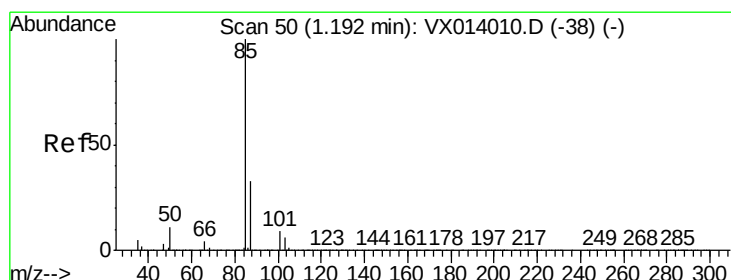
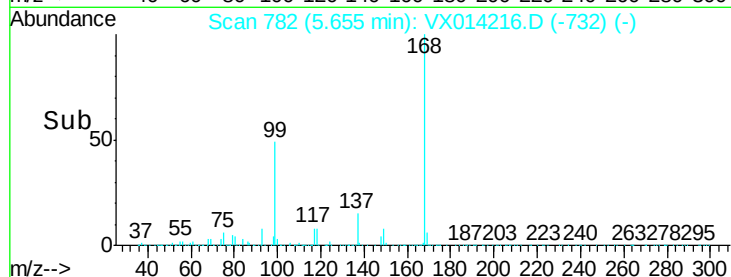
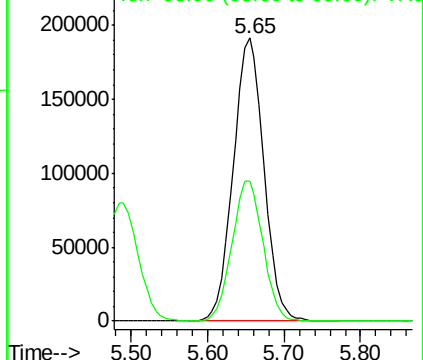
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.062 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014216.D

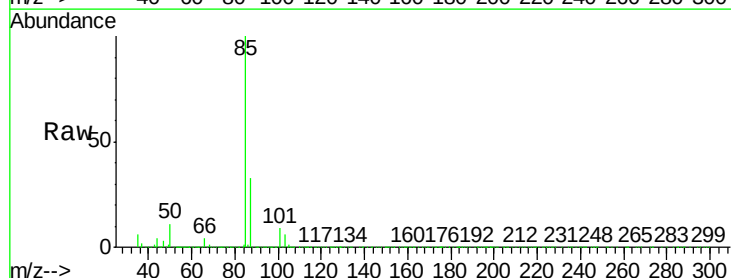
Acq: 23 Dec 2019 20:39

Tgt Ion: 85 Resp: 203901

Ion Ratio Lower Upper

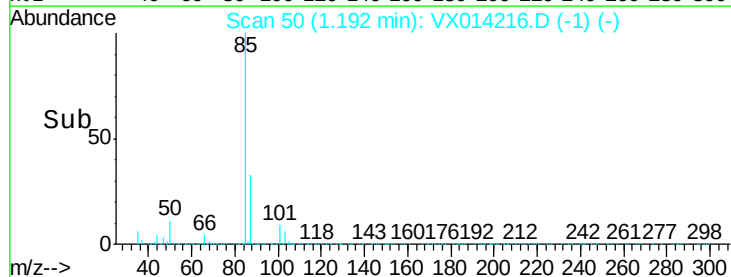
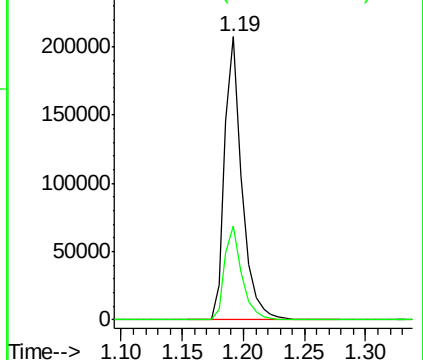
85 100

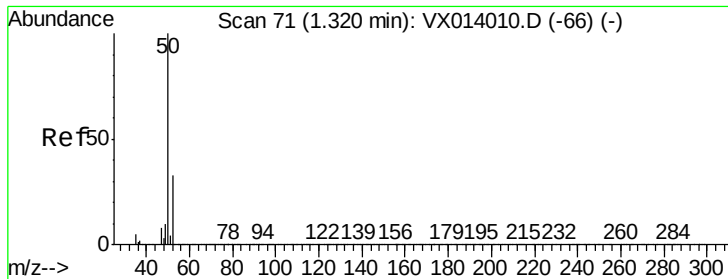
87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.836 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 272200

Ion Ratio Lower Upper

50 100

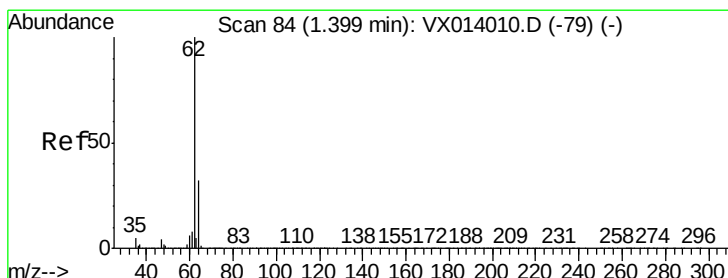
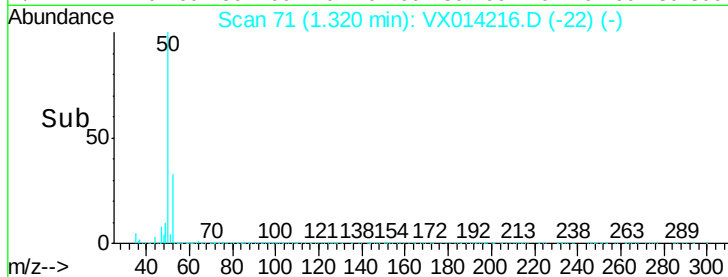
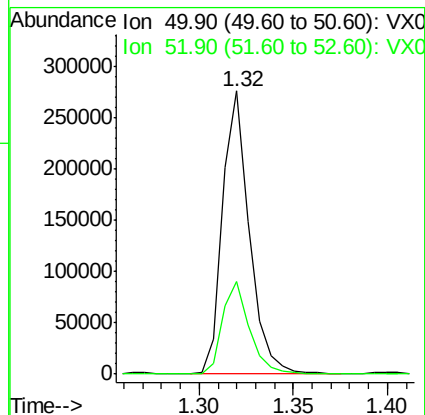
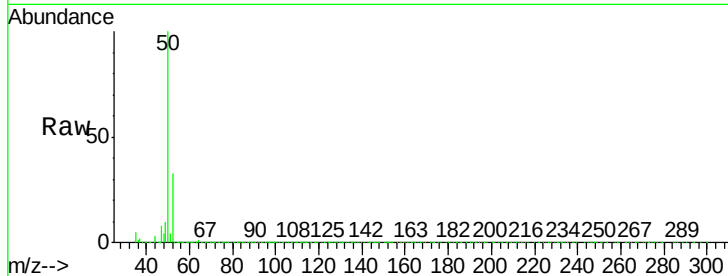
52 32.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 44.989 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014216.D

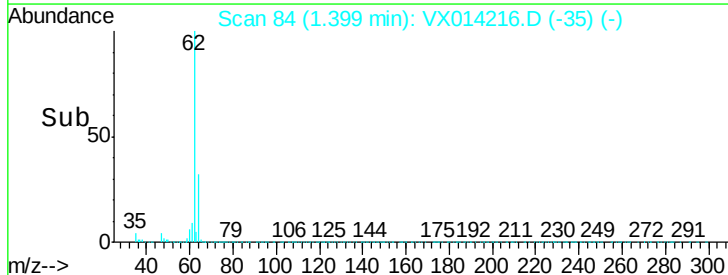
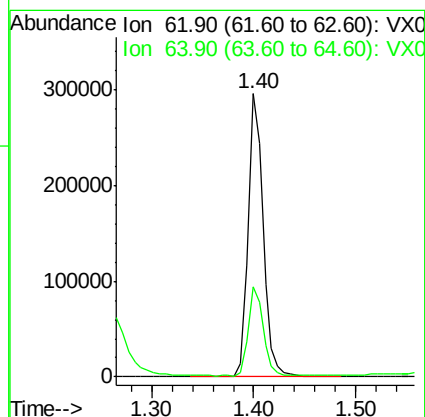
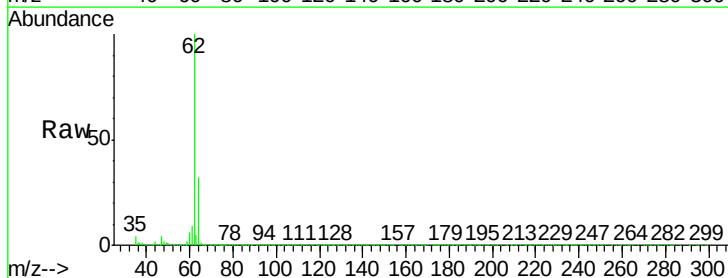
Acq: 23 Dec 2019 20:39

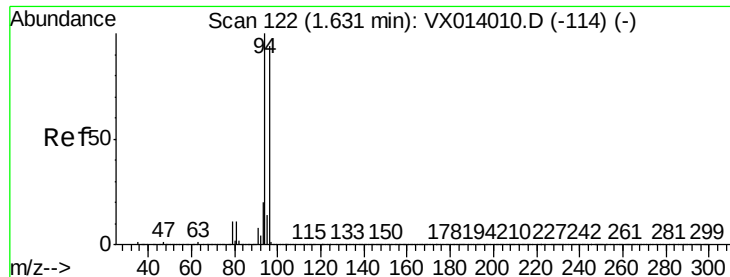
Tgt Ion: 62 Resp: 301655

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 33.844 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 161064

Ion Ratio Lower Upper

94 100

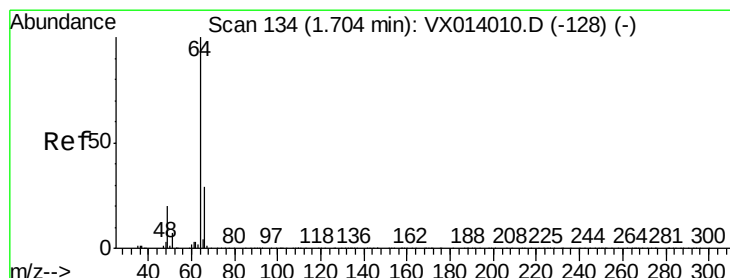
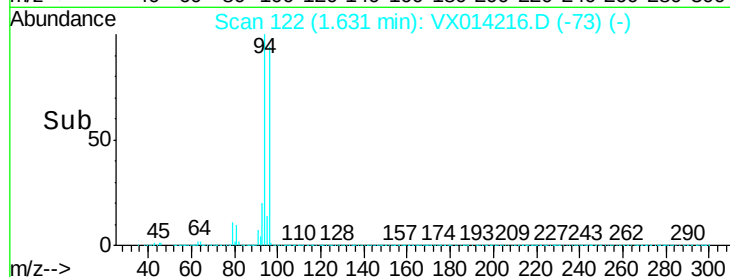
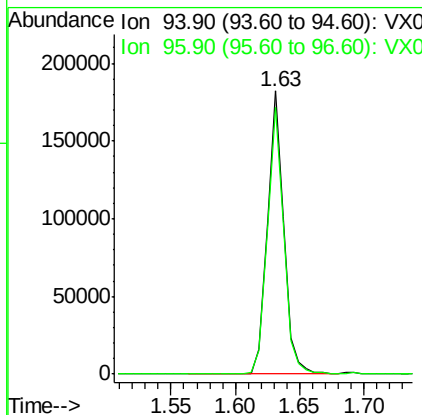
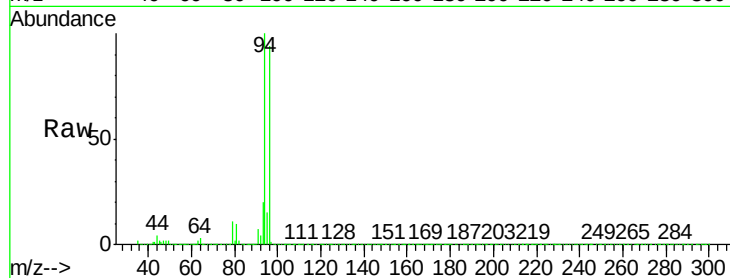
96 94.1 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 46.691 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014216.D

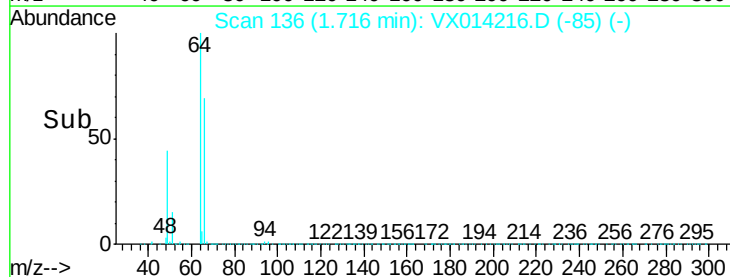
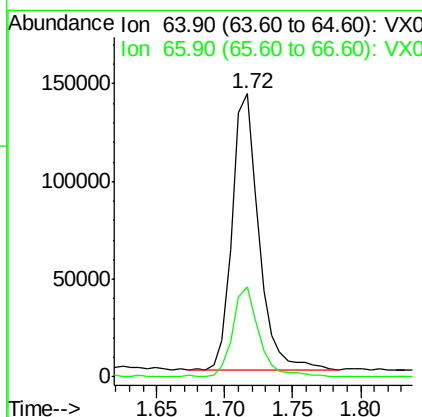
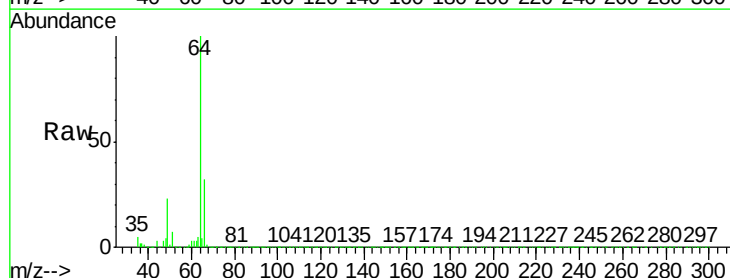
Acq: 23 Dec 2019 20:39

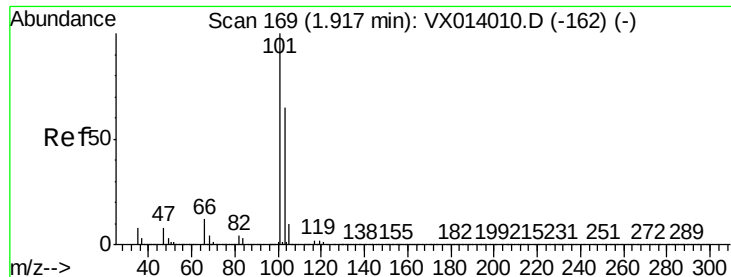
Tgt Ion: 64 Resp: 193220

Ion Ratio Lower Upper

64 100

66 32.5 23.4 35.2





#7

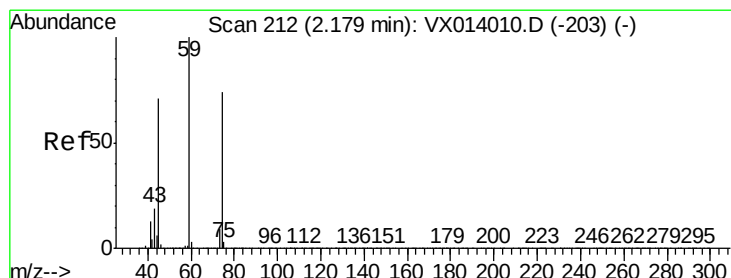
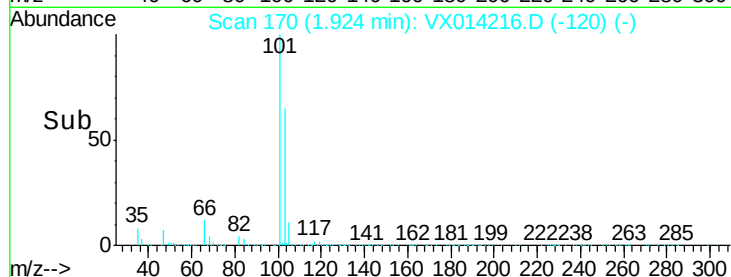
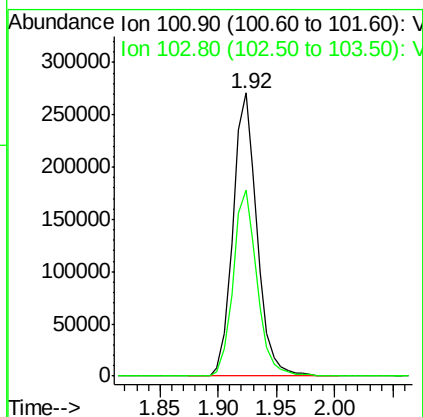
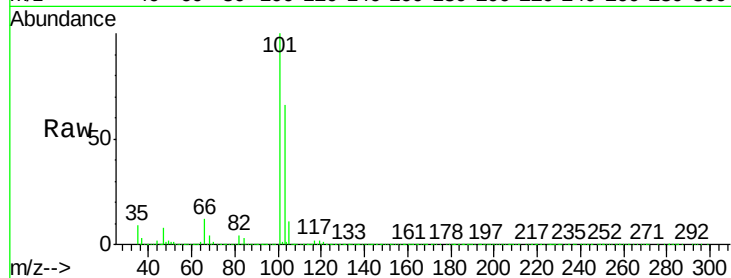
Trichlorofluoromethane
Concen: 46.826 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.4

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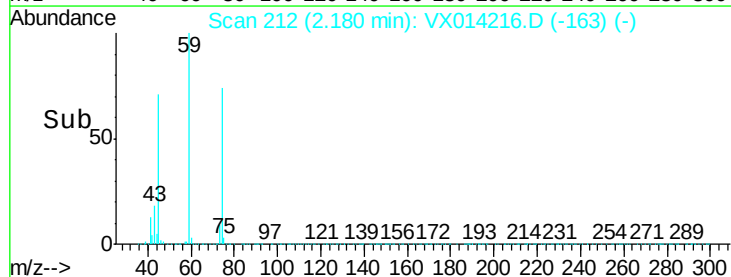
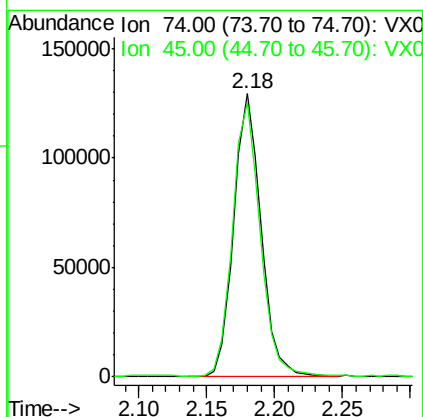
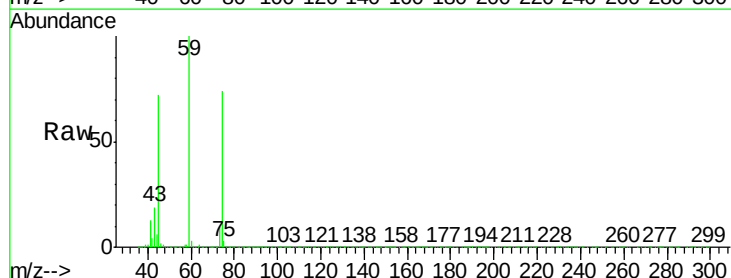
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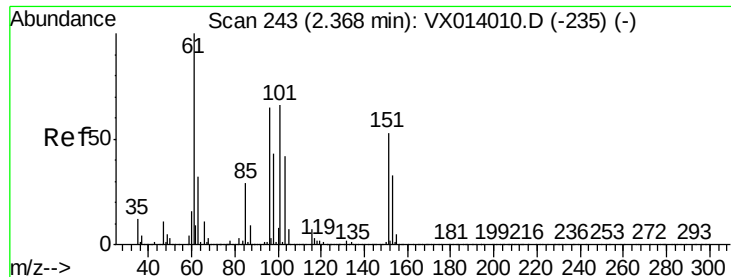


#8

Diethyl Ether
Concen: 46.268 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.078 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

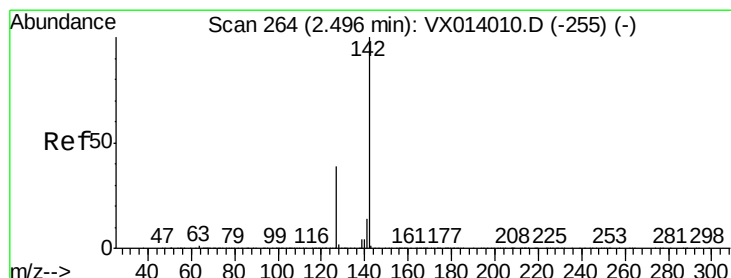
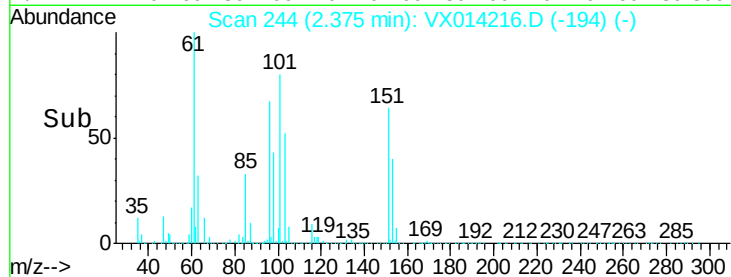
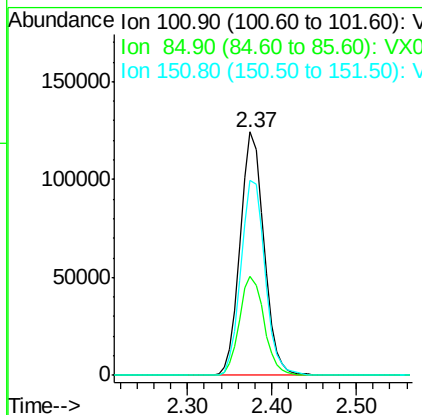
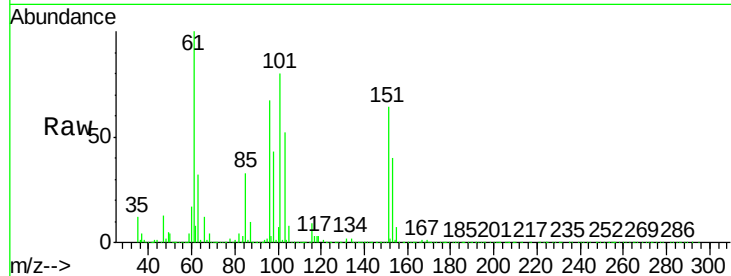
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	235551
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	81.5	64.5	96.7

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#10

Methyl Iodide

Concen: 35.078 ug/l

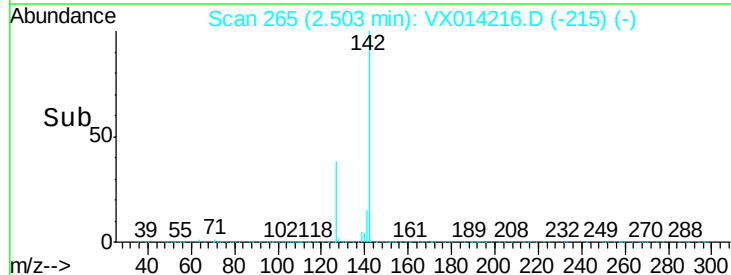
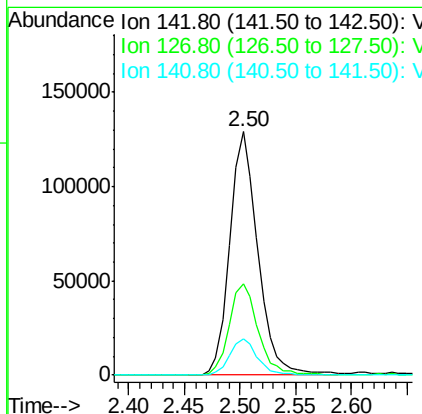
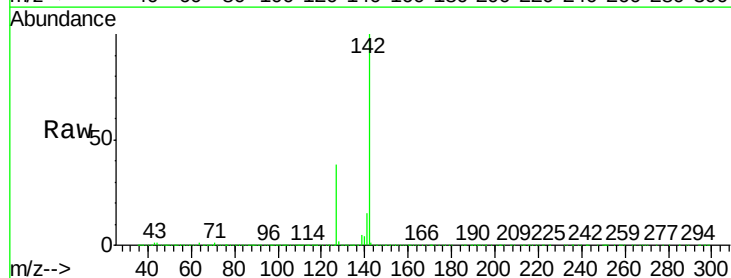
RT: 2.50 min Scan# 265

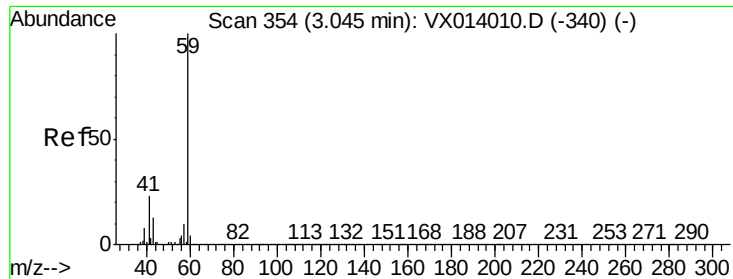
Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	142	Resp:	226006
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.6	47.4
141	14.4	11.6	17.4





#11

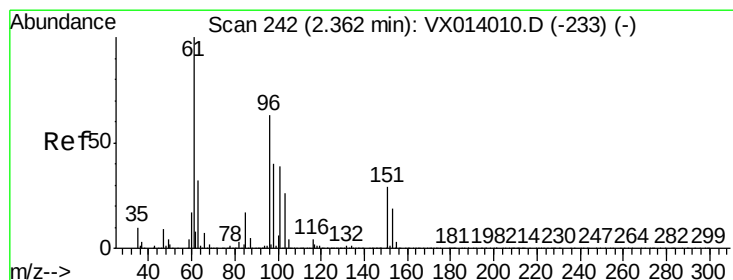
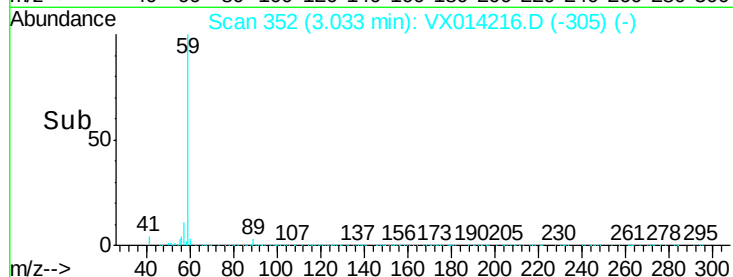
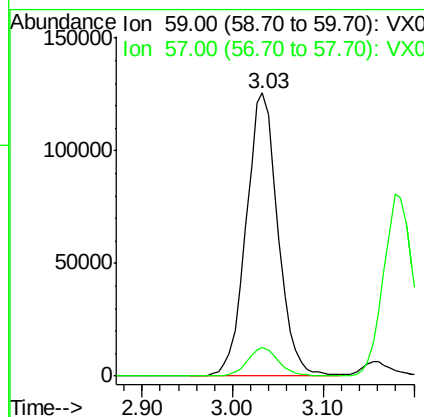
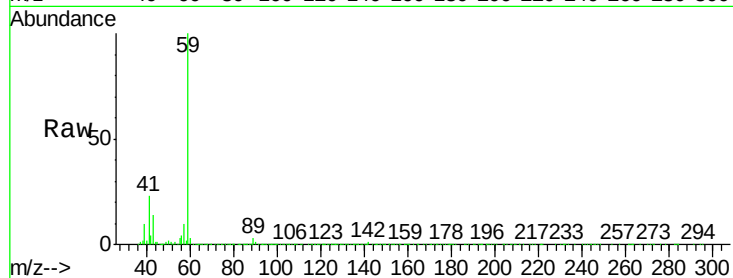
Tert butyl alcohol
Concen: 234.529 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

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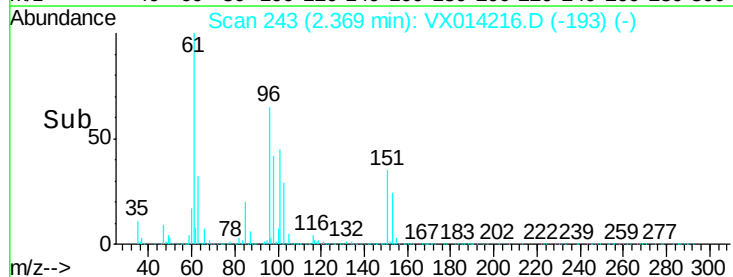
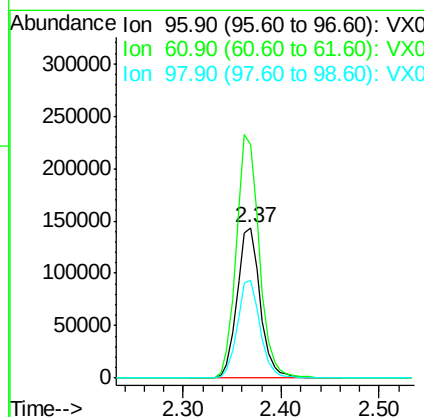
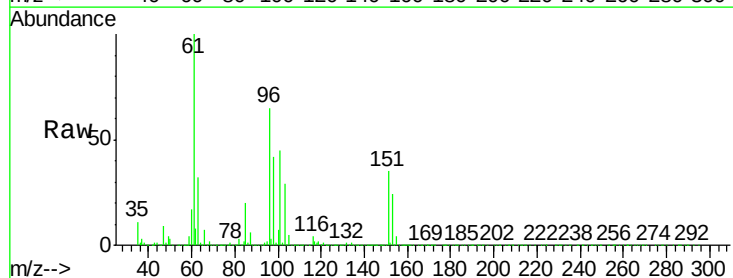
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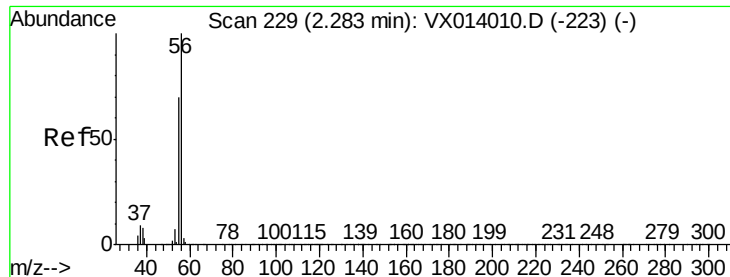


#12

1,1-Dichloroethene
Concen: 46.162 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.8	127.9	191.9
98	64.7	50.5	75.7





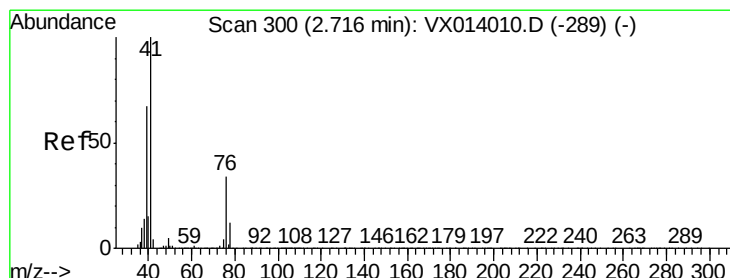
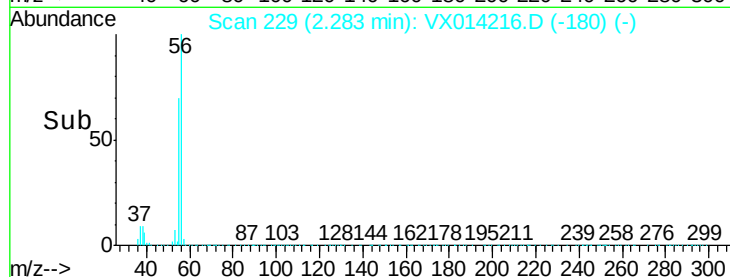
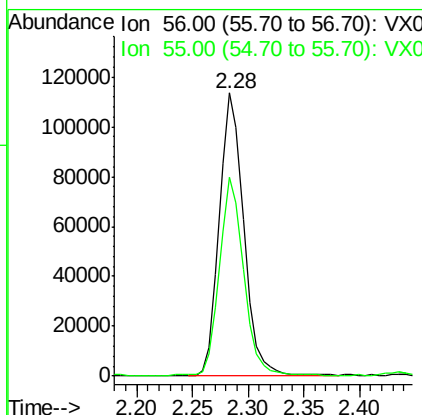
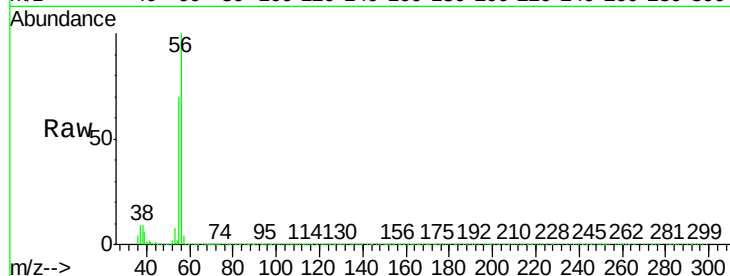
#13
Acrolein
Concen: 233.382 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.9	56.9	85.3	

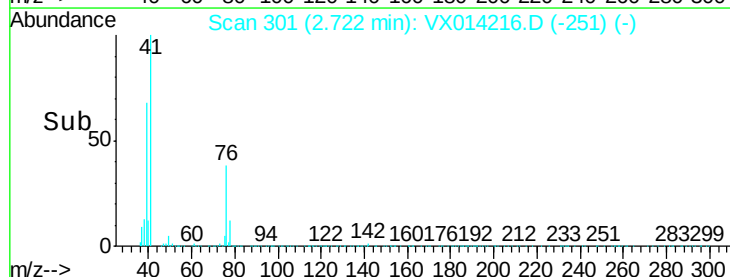
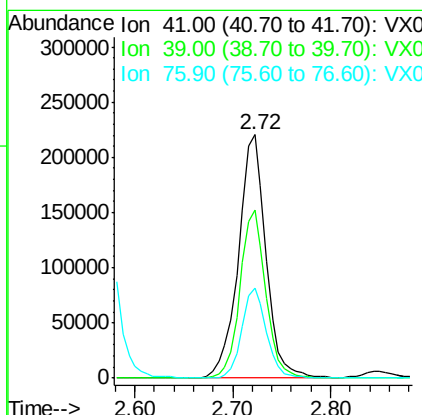
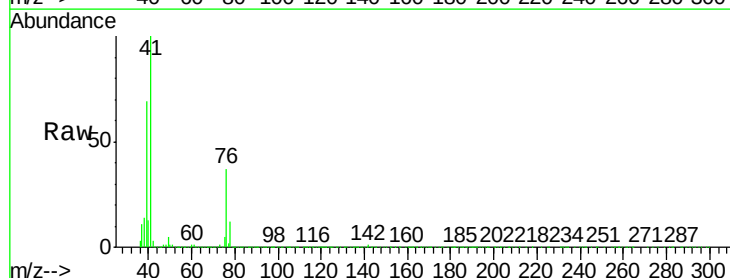
Manual Integrations
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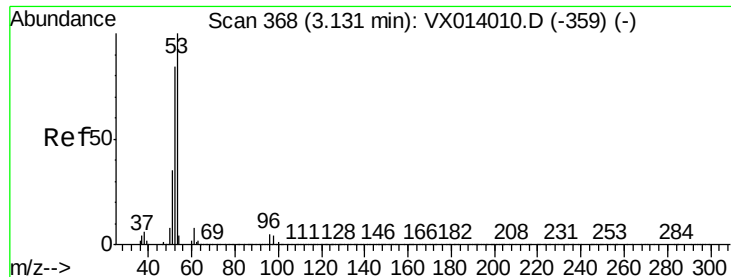
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#14
Allyl chloride
Concen: 47.230 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	64.1	51.8	77.8	
76	33.3	25.9	38.9	





#15

Acrylonitrile

Concen: 248.613 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

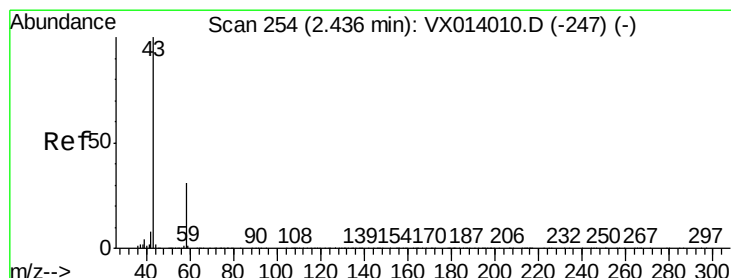
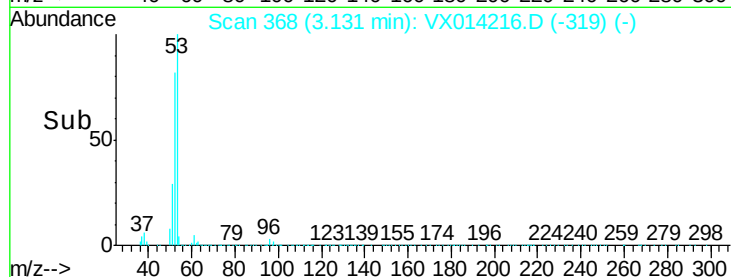
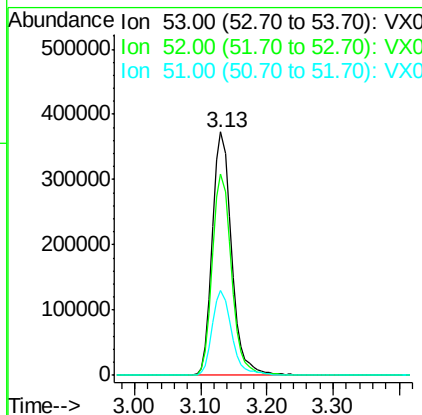
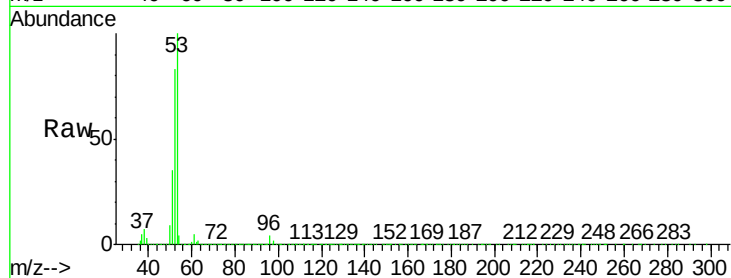
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	752132
Ion Ratio		Lower	Upper
53	100		
52	81.9	66.5	99.7
51	35.3	28.1	42.1

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#16

Acetone

Concen: 162.924 ug/l

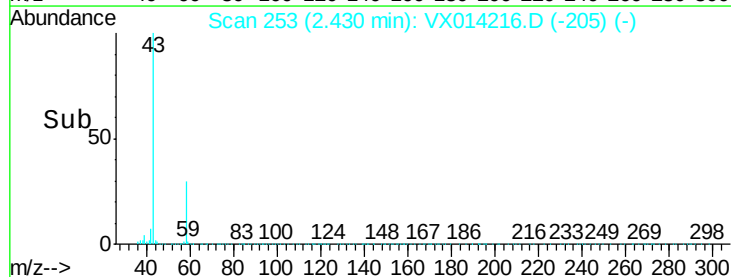
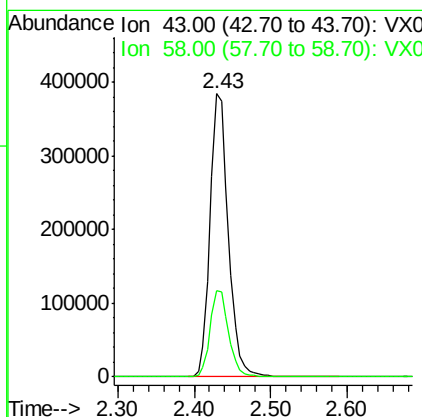
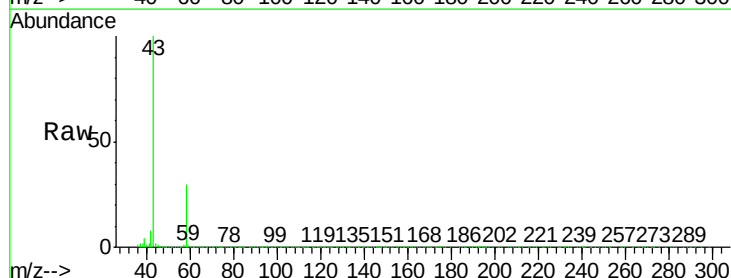
RT: 2.43 min Scan# 253

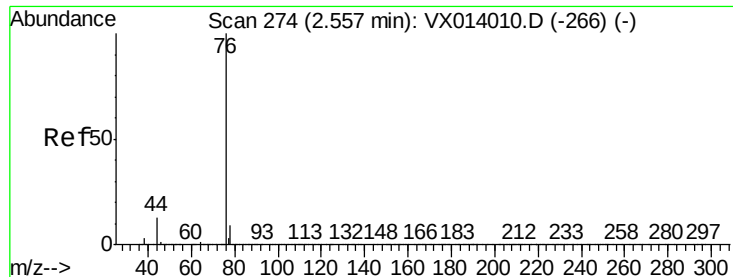
Delta R.T. -0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	43	Resp:	634482
Ion Ratio		Lower	Upper
43	100		
58	30.4	24.9	37.3





#17

Carbon Disulfide

Concen: 42.924 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 605175

Ion Ratio Lower Upper

76 100

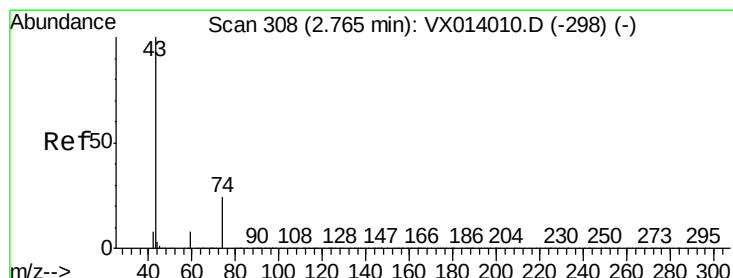
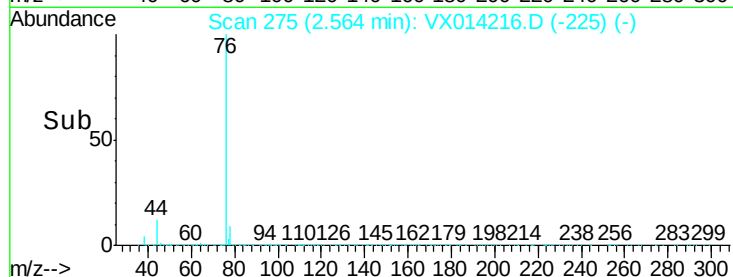
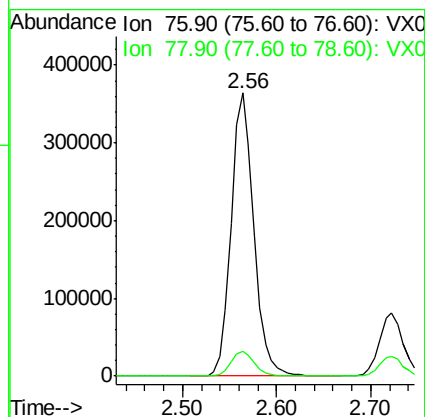
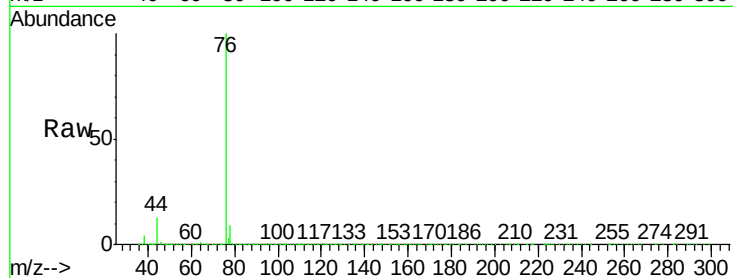
78 8.8 7.2 10.8

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#18

Methyl Acetate

Concen: 51.563 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014216.D

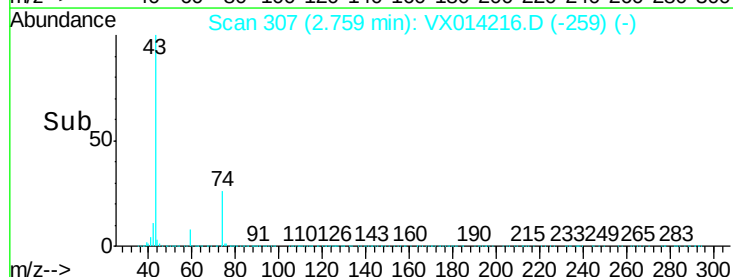
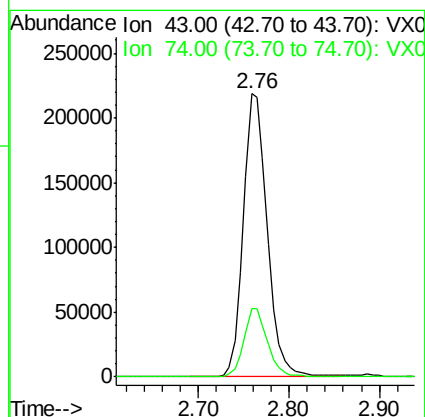
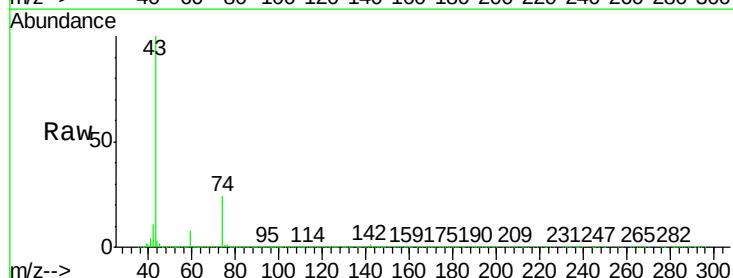
Acq: 23 Dec 2019 20:39

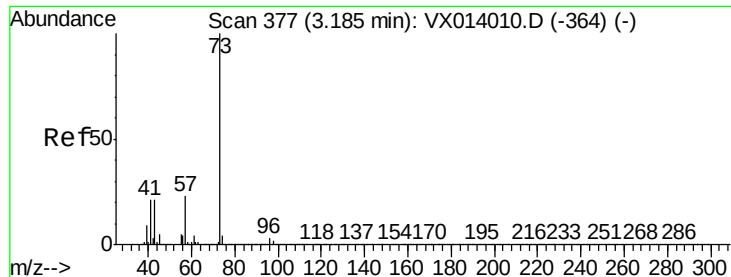
Tgt Ion: 43 Resp: 397900

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3





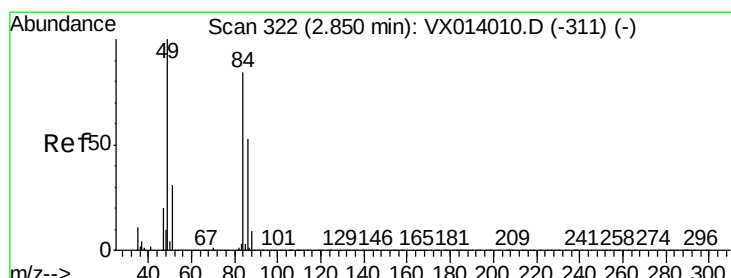
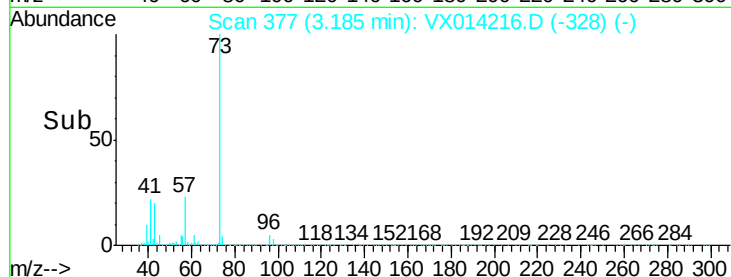
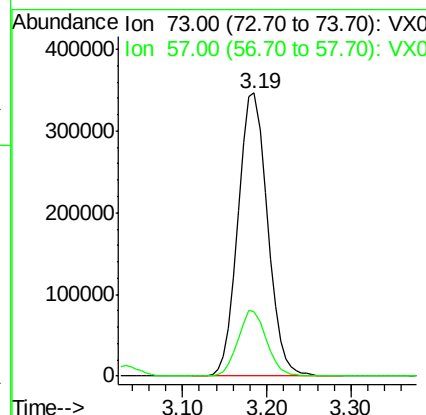
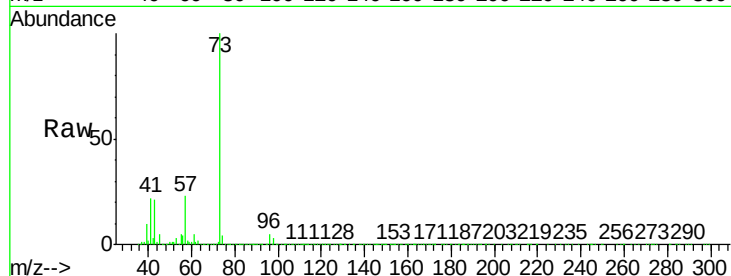
#19
Methyl tert-butyl Ether
Concen: 48.858 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.8	28.2

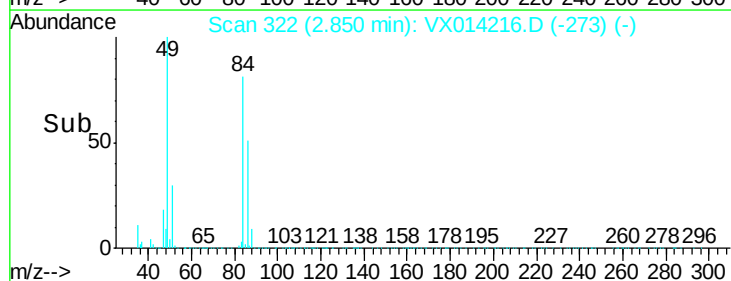
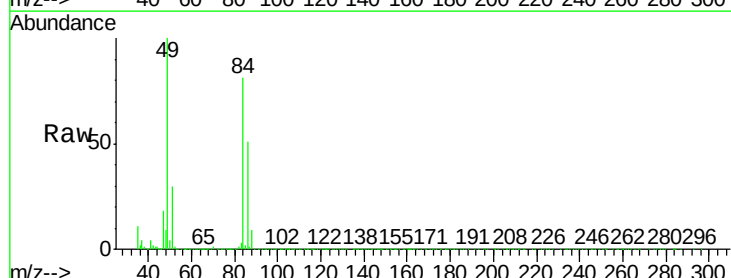
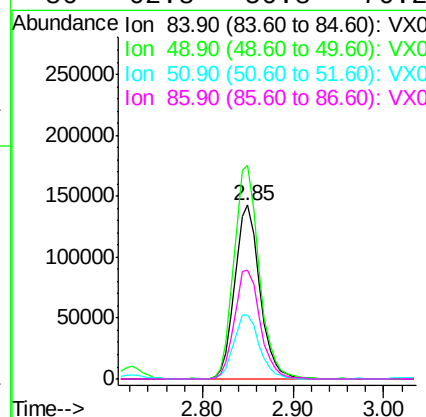
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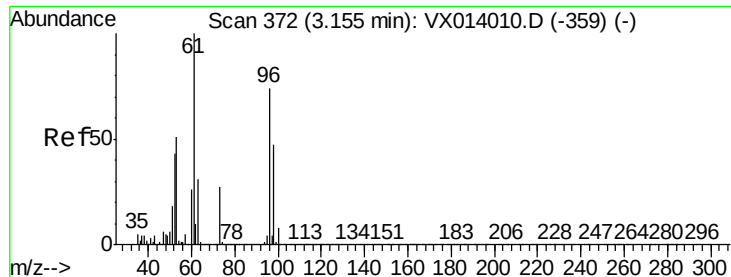
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#20
Methylene Chloride
Concen: 44.649 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	95.8	143.6
51	37.0	29.8	44.8
86	62.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 45.327 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

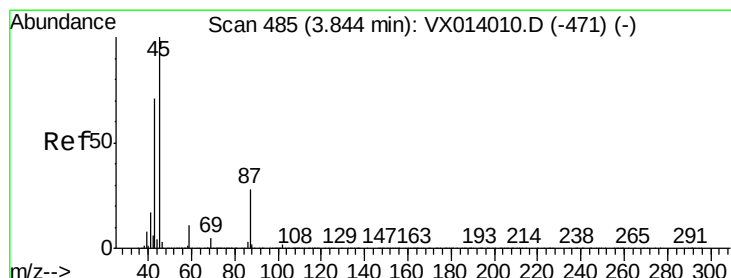
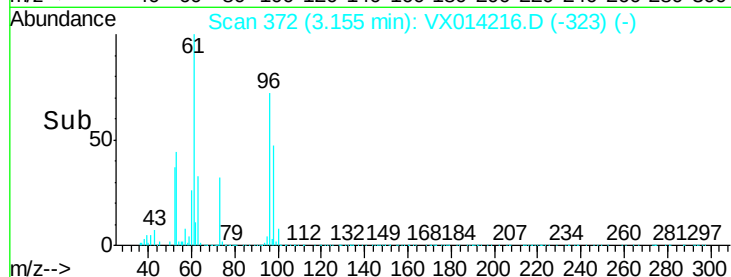
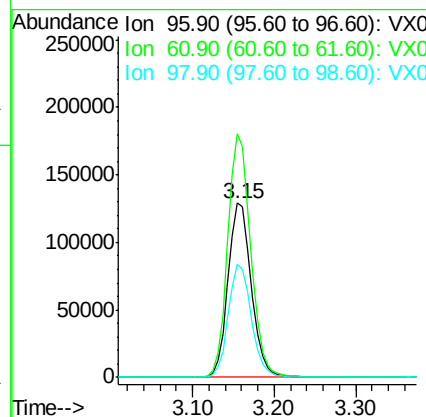
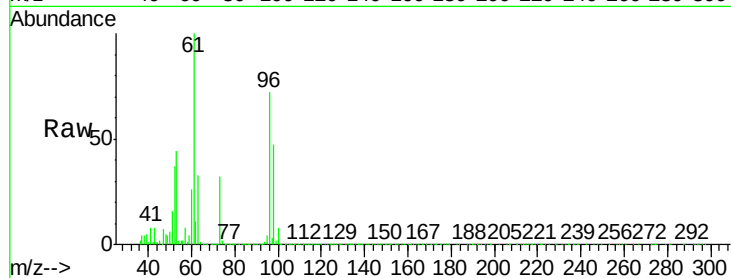
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	254236
Ion	Ratio	Lower	Upper
96	100		
61	139.5	108.3	162.5
98	64.9	50.8	76.2

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#22

Diisopropyl ether

Concen: 48.481 ug/l

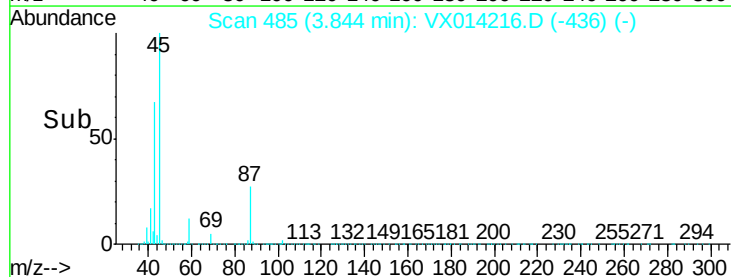
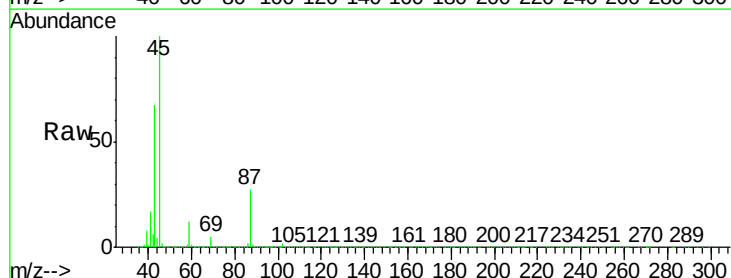
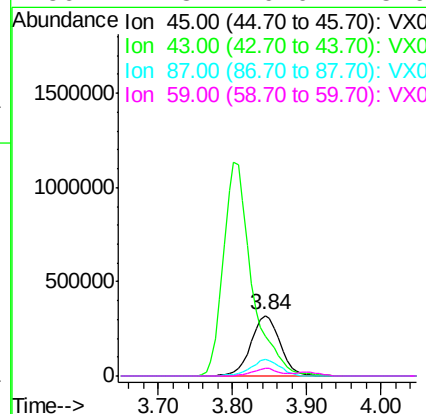
RT: 3.84 min Scan# 485

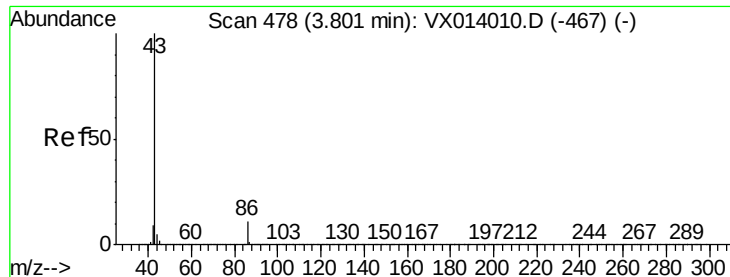
Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	45	Resp:	878223
Ion	Ratio	Lower	Upper
45	100		
43	66.6	57.4	86.0
87	27.3	21.9	32.9
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 204.409 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tot Ion: 43 Resp: 3021707

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

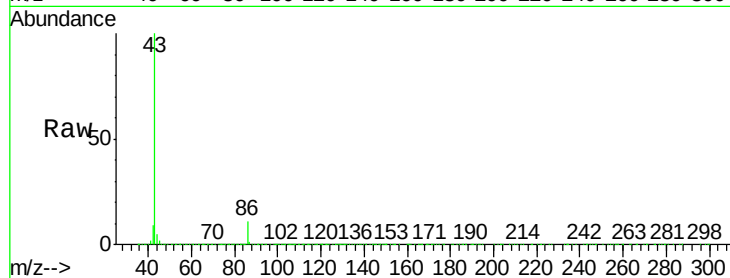
VSTDCCC050EC

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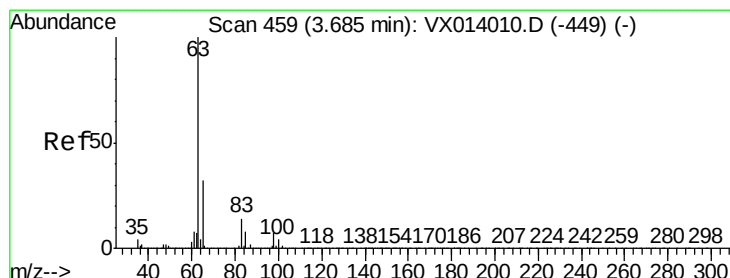
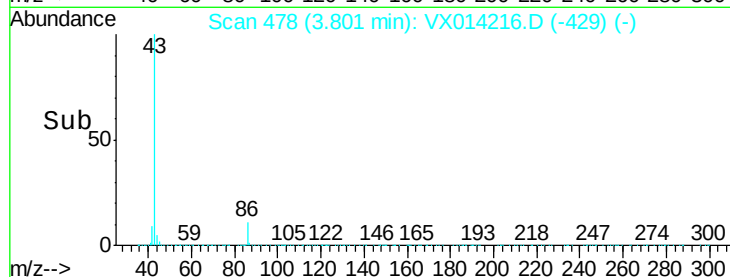
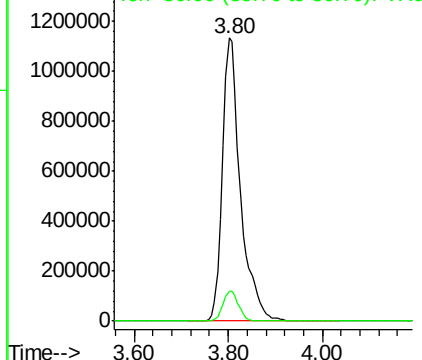
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.985 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

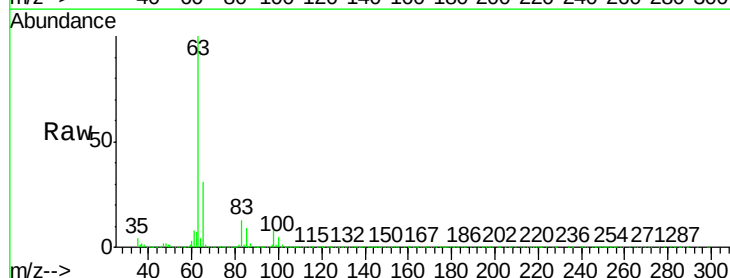
Tgt Ion: 63 Resp: 473527

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

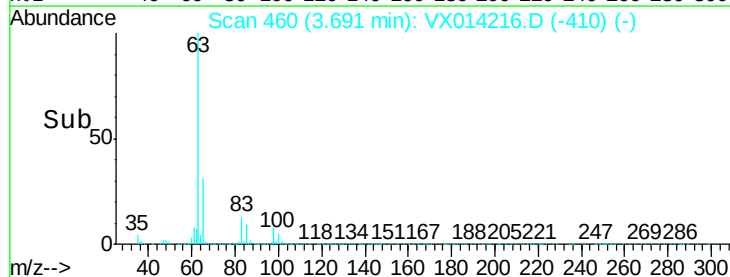
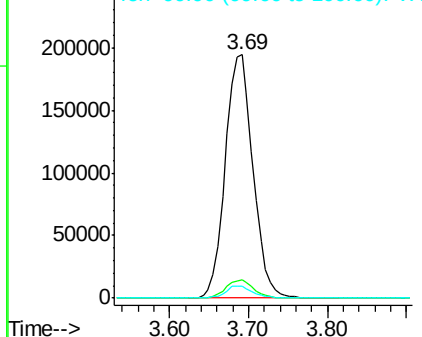
100 5.1 2.3 6.8

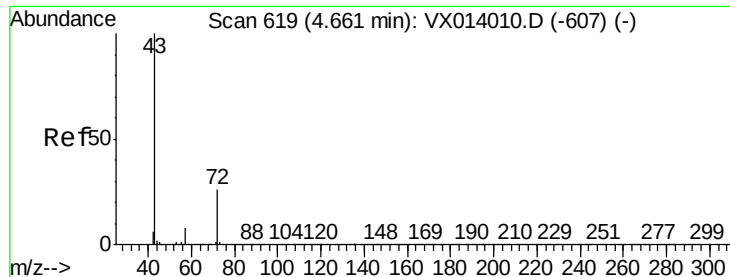


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 216.704 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1040456

Ion Ratio Lower Upper

43 100

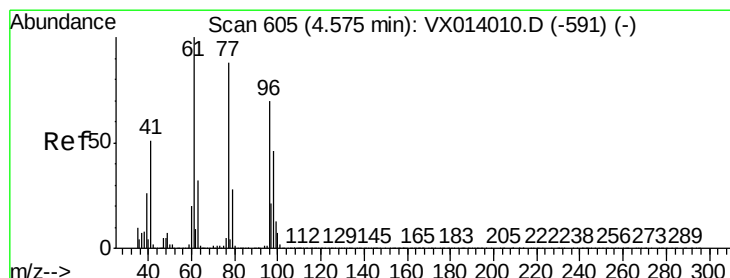
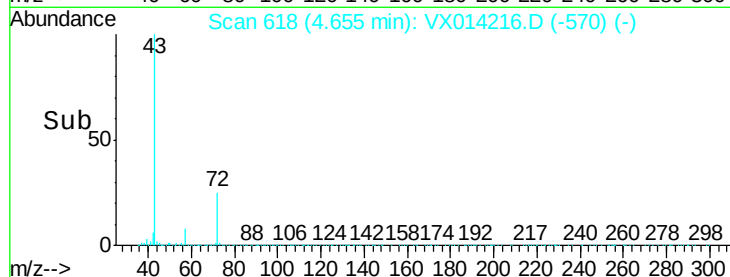
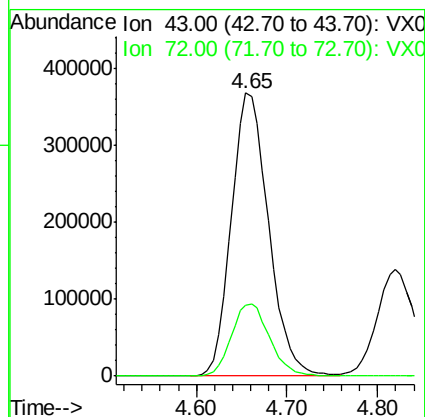
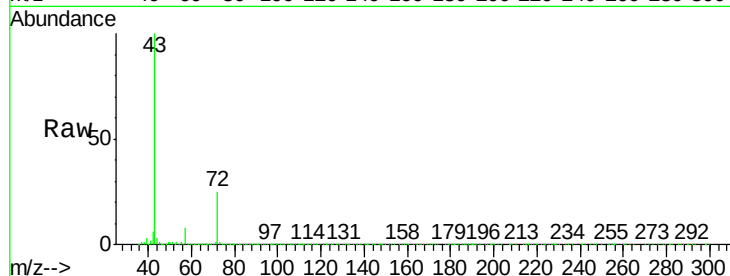
72 25.0 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 44.336 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014216.D

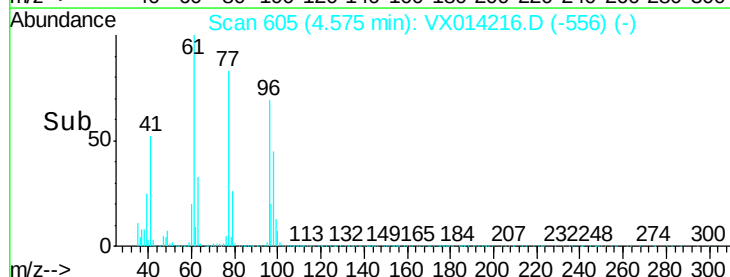
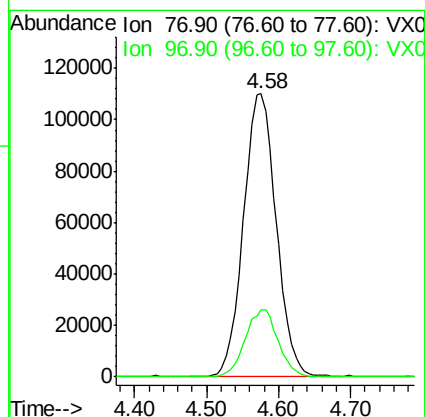
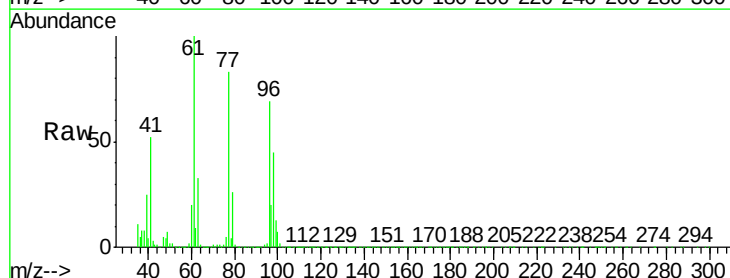
Acq: 23 Dec 2019 20:39

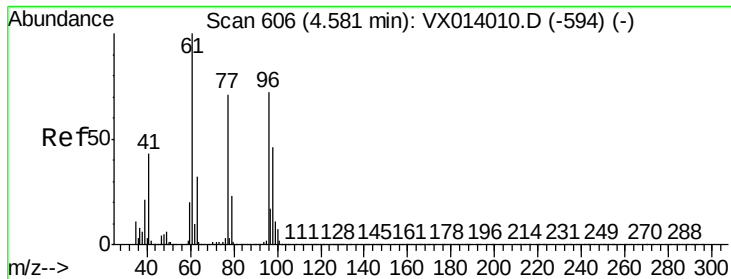
Tgt Ion: 77 Resp: 346925

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9





#27

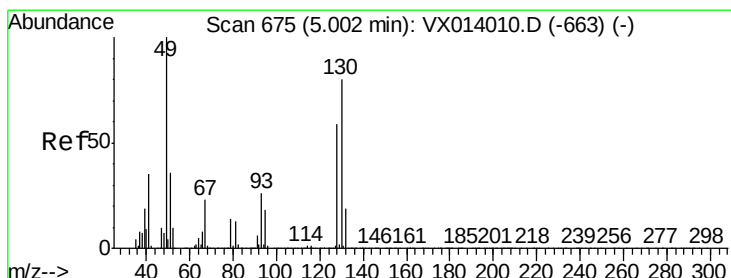
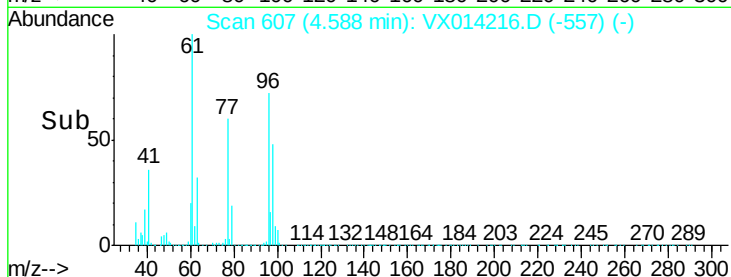
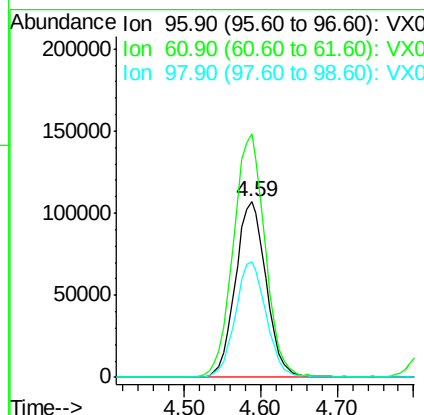
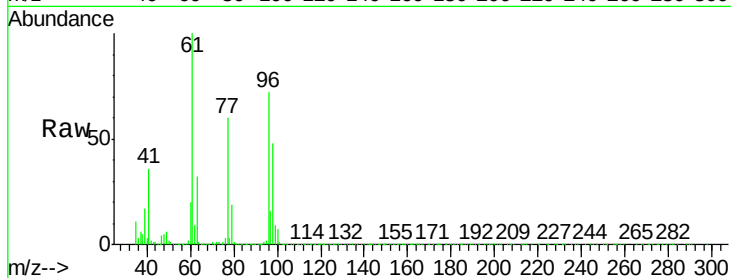
cis-1,2-Dichloroethene
Concen: 46.946 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	297802		
61	142.5	0.0	288.4	
98	65.5	0.0	129.6	

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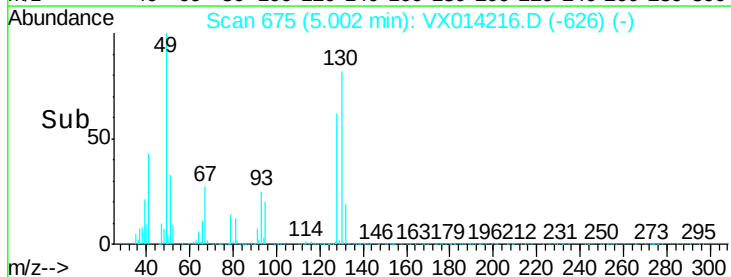
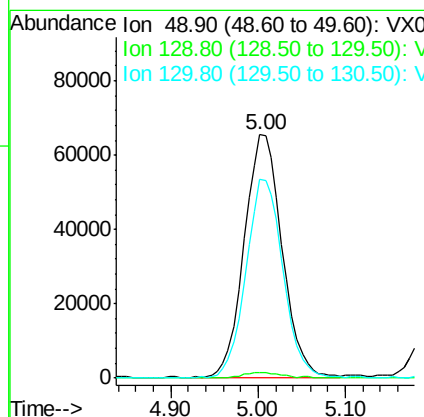
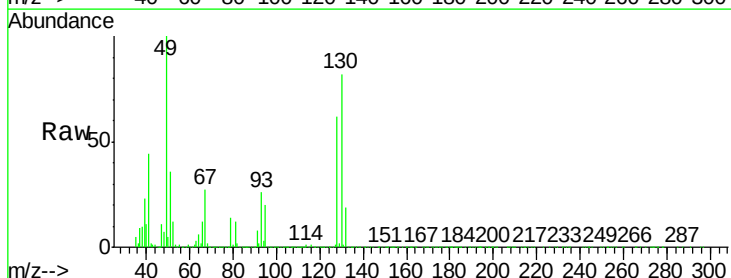
apatel
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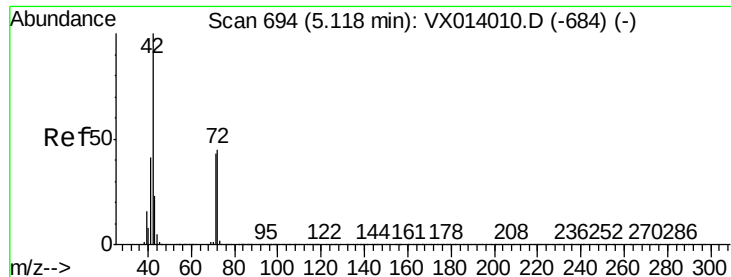


#28

Bromochloromethane
Concen: 51.043 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	197879		
129	2.5	0.0	5.0	
130	79.9	64.6	97.0	





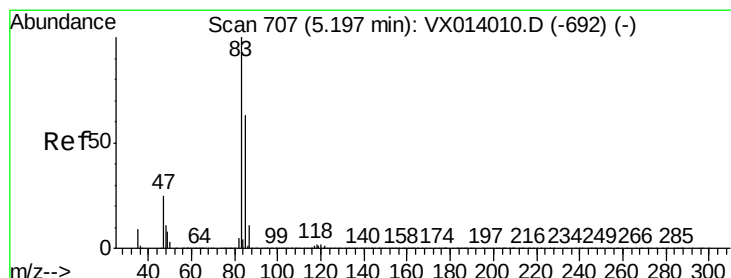
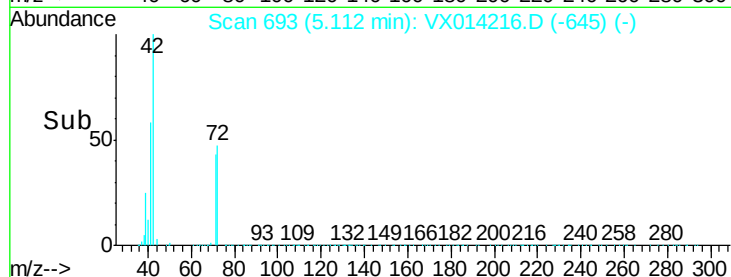
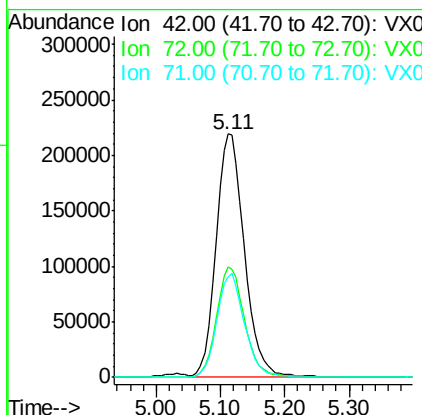
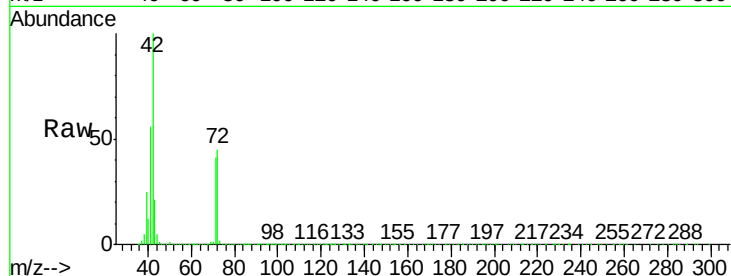
#29
Tetrahydrofuran
Concen: 250.733 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.8	53.8
71	41.5	33.6	50.4

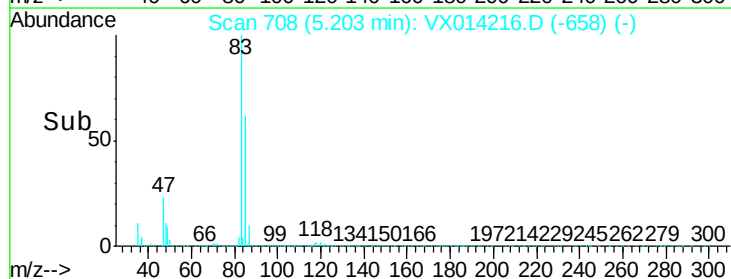
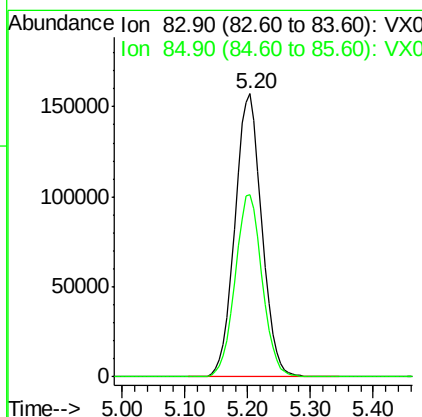
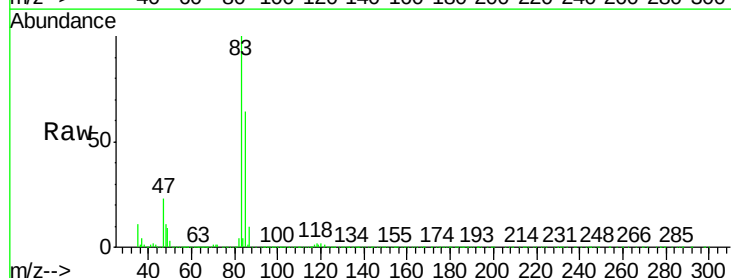
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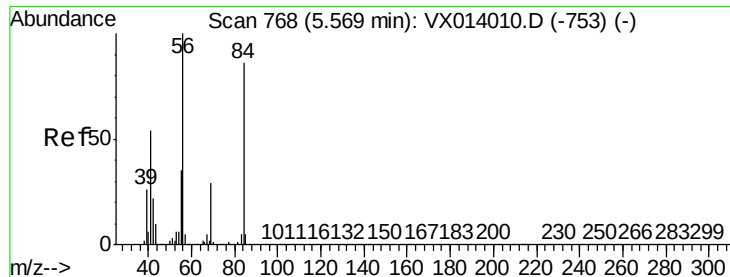
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#30
Chloroform
Concen: 48.929 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.8	76.2





#31

Cyclohexane

Concen: 47.519 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

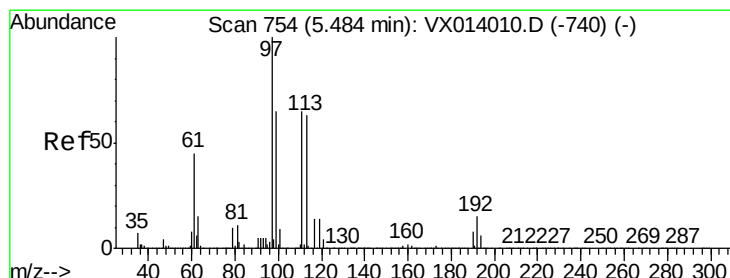
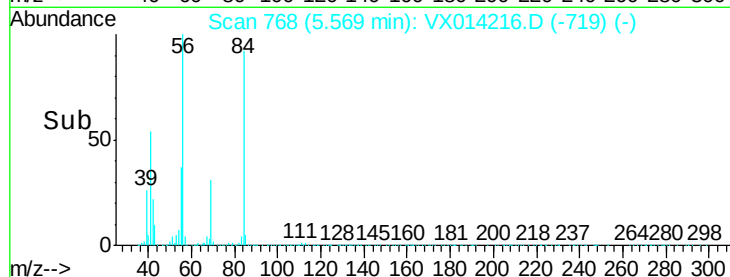
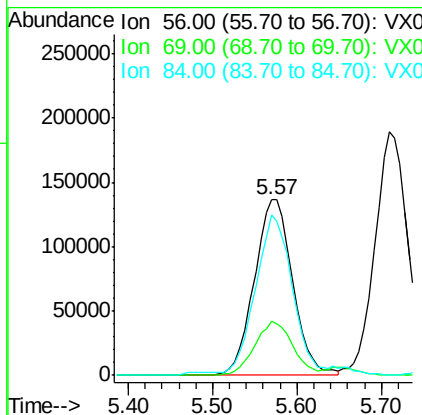
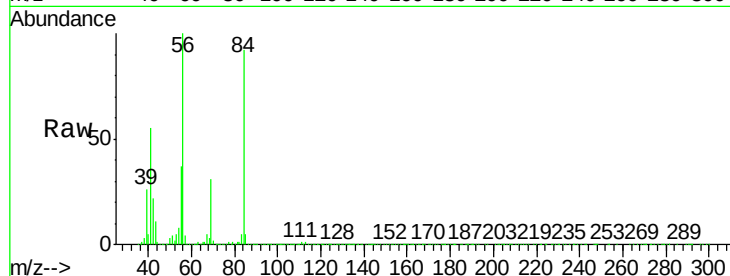
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	425944
Ion Ratio		Lower	Upper
56	100		
69	31.0	23.2	34.8
84	90.3	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 47.980 ug/l

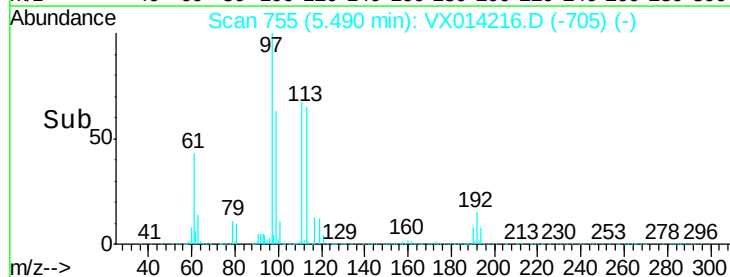
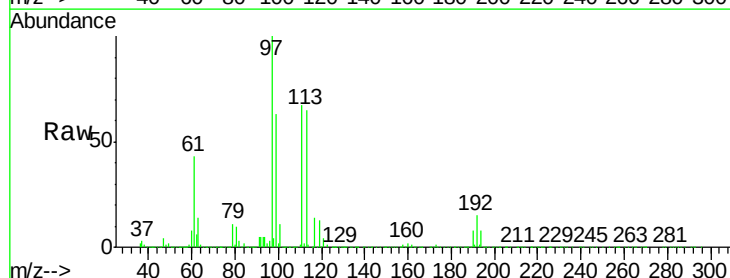
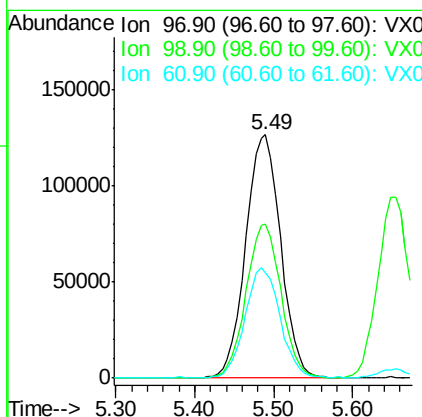
RT: 5.49 min Scan# 755

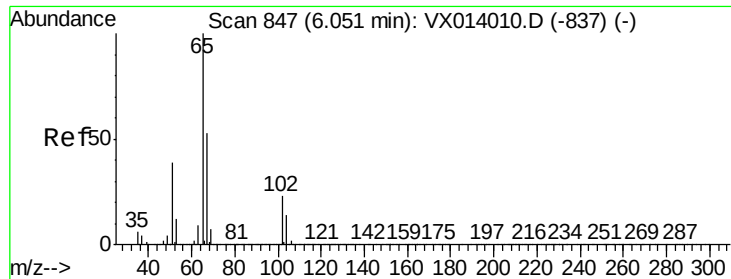
Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	97	Resp:	390678
Ion Ratio		Lower	Upper
97	100		
99	63.2	52.0	78.0
61	45.0	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 47.459 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 284685

Ion Ratio Lower Upper

65 100

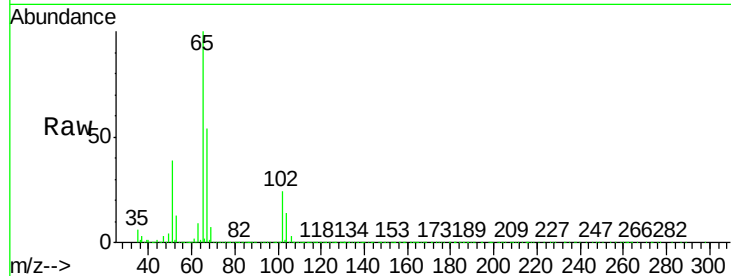
67 53.6 0.0 106.4

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

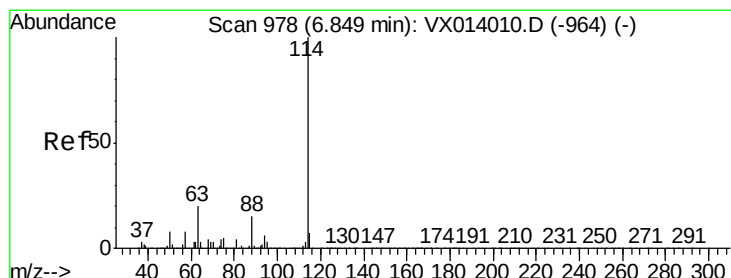
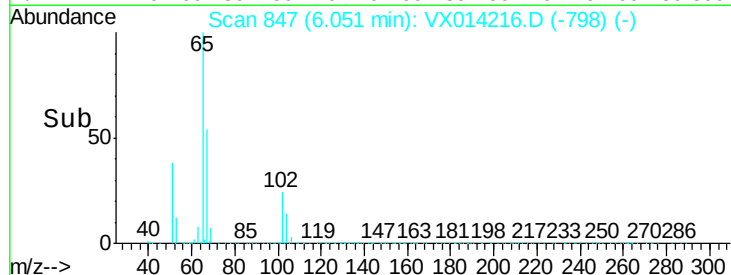
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

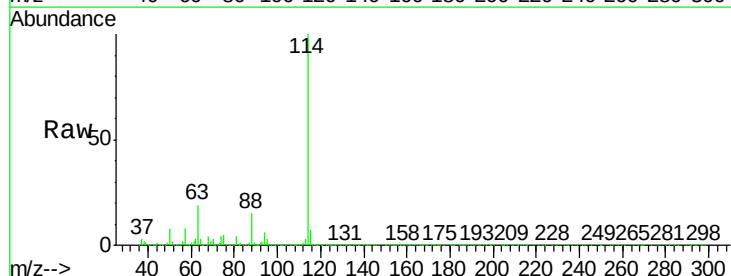
Tgt Ion: 114 Resp: 821176

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

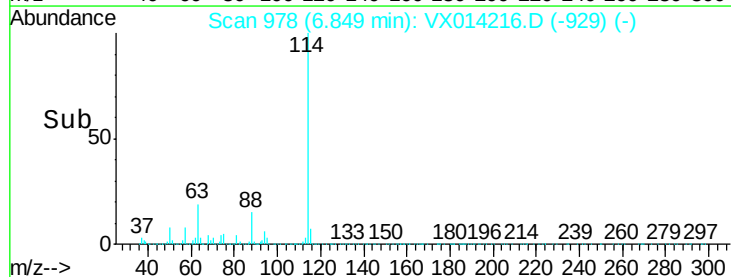
300000

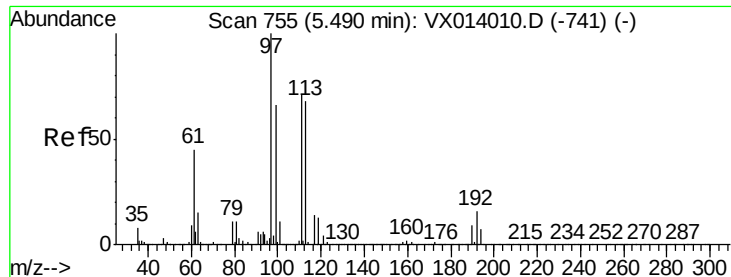
200000

100000

0

Time-->





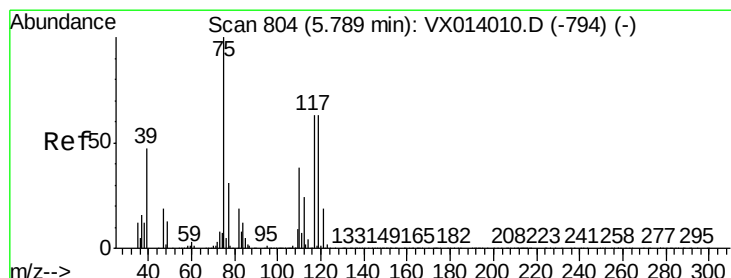
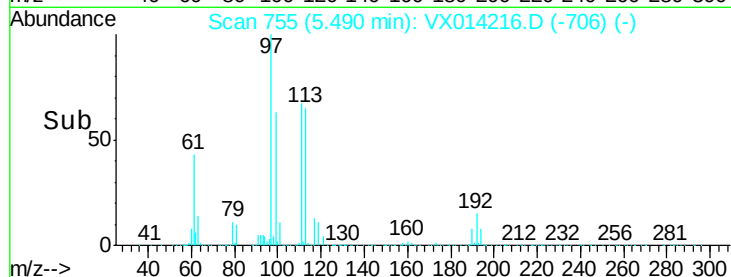
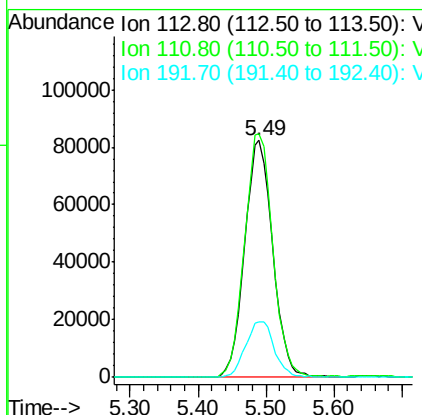
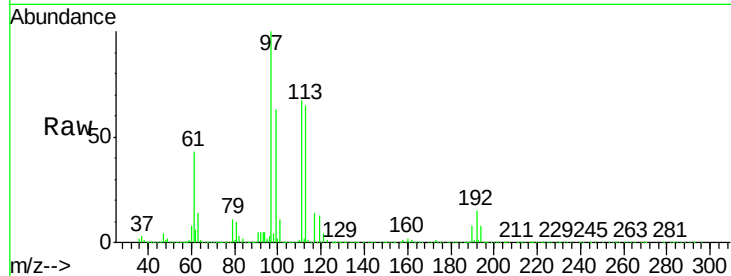
#35
Dibromofluoromethane
Concen: 47.445 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	23.9	19.3	28.9

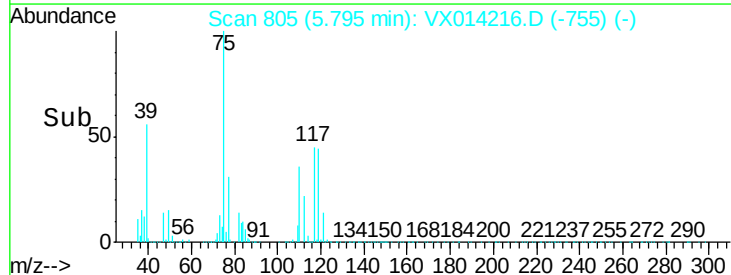
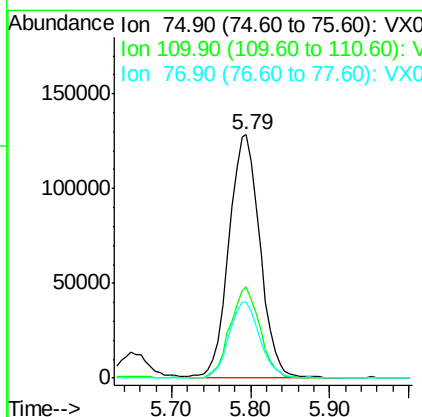
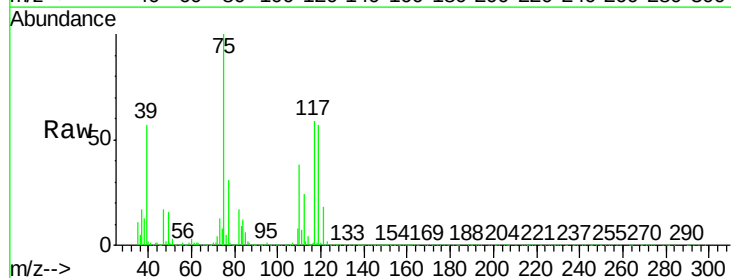
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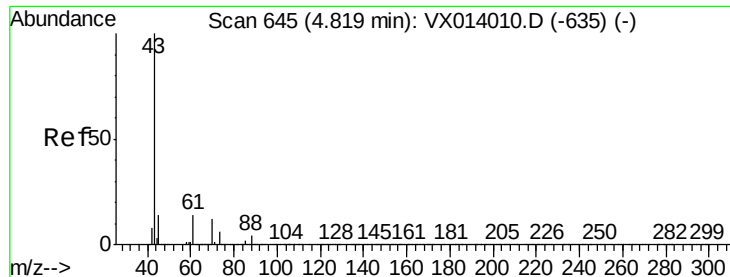
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#36
1,1-Dichloropropene
Concen: 46.352 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.3	54.9
77	30.2	24.8	37.2





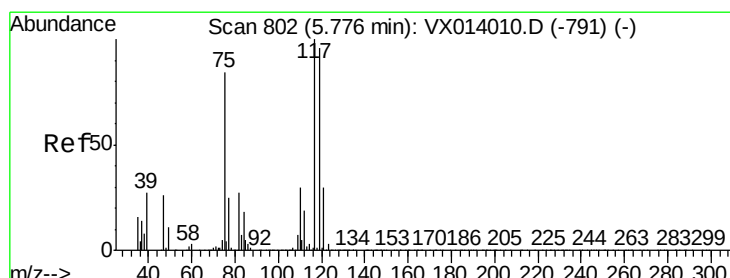
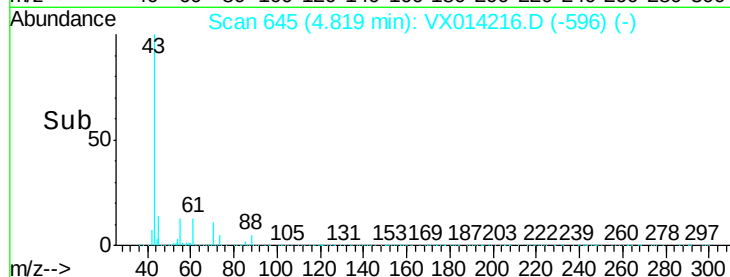
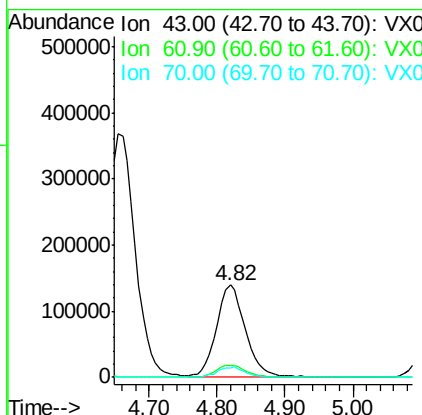
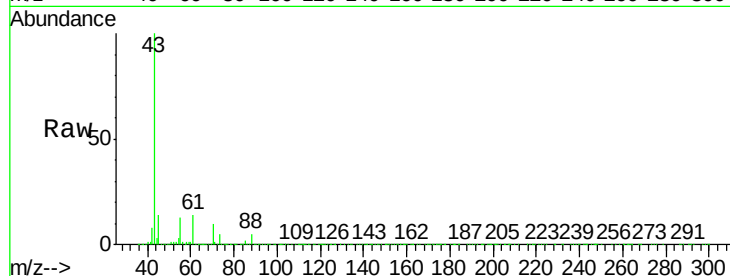
#37
Ethyl Acetate
Concen: 49.238 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	10.8	8.6	12.8

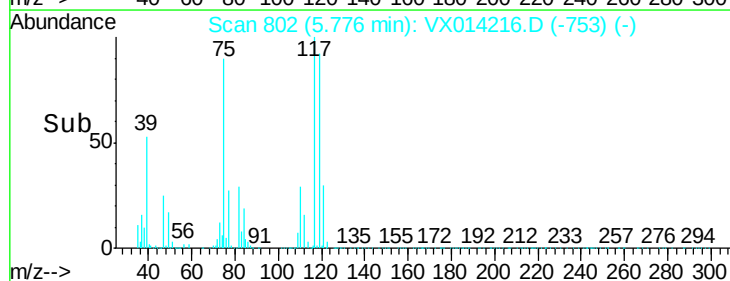
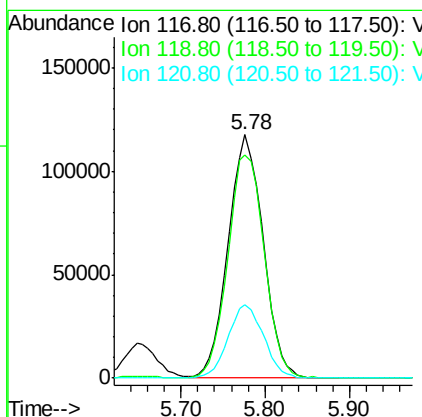
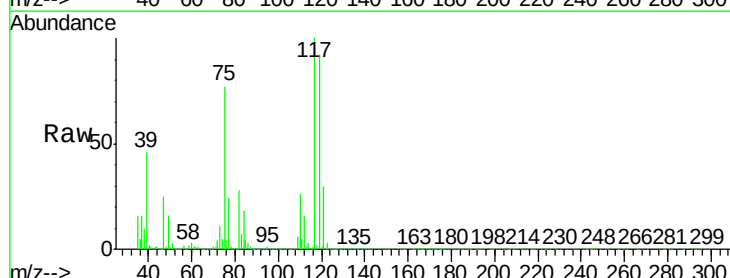
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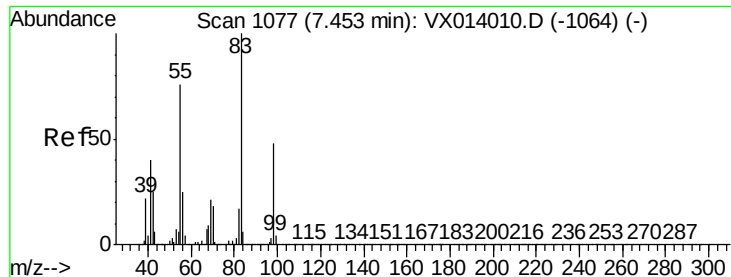
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#38
Carbon Tetrachloride
Concen: 48.123 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.2	114.4
121	29.8	23.6	35.4





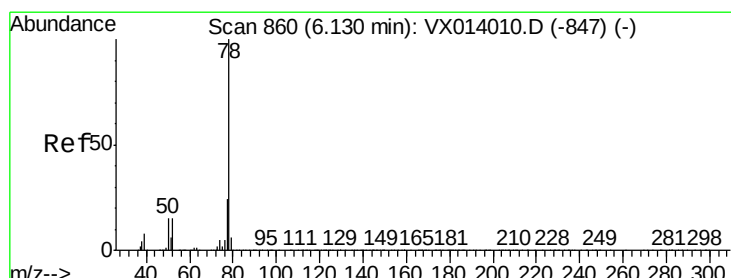
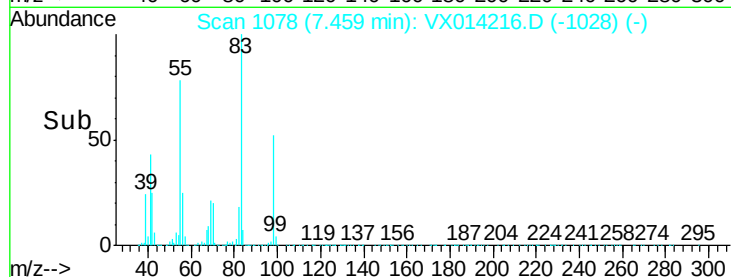
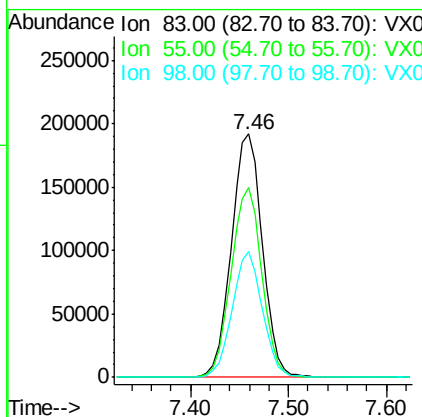
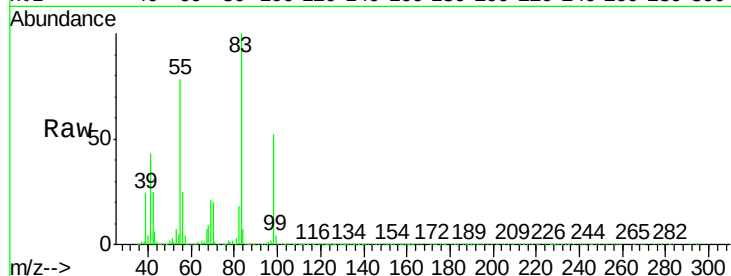
#39
Methylvlcyclohexane
Concen: 45.124 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.0	91.6
98	51.8	38.6	57.8

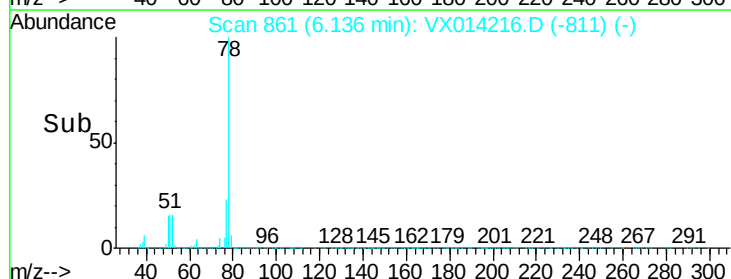
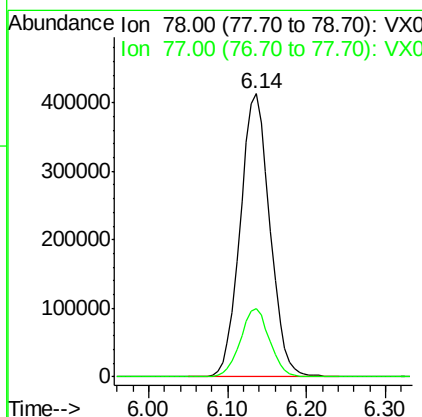
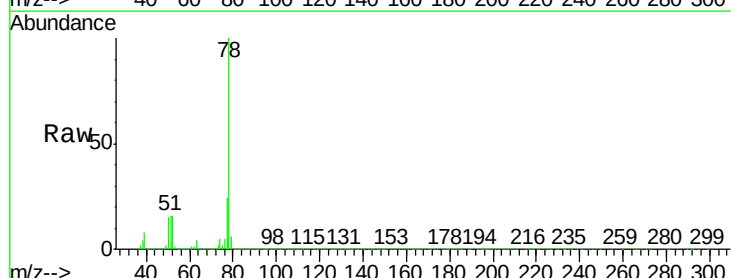
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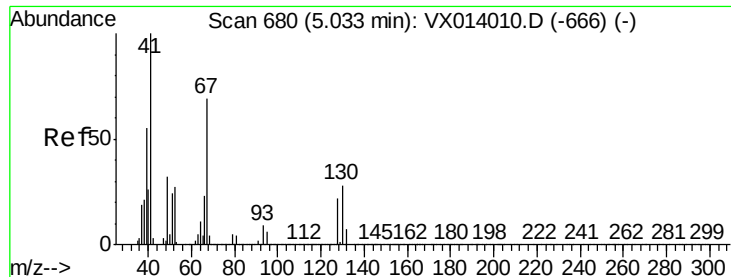
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#40
Benzene
Concen: 46.547 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2





#41

Methacrylonitrile

Concen: 48.846 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

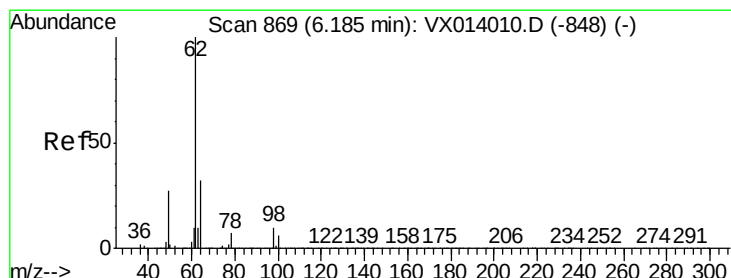
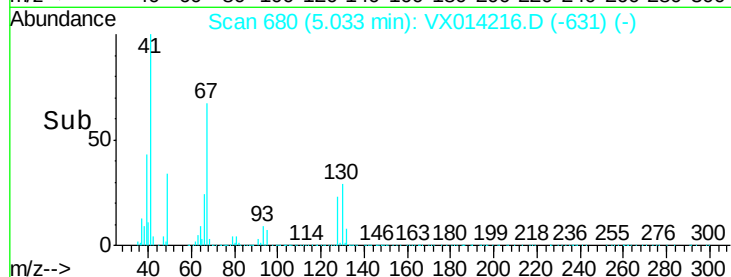
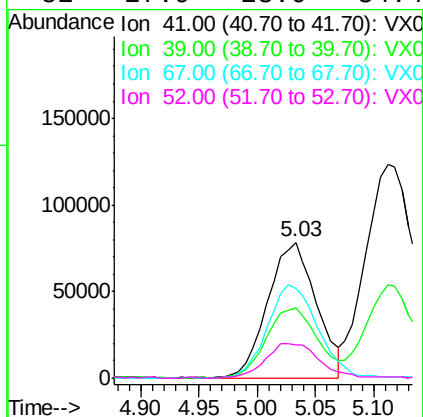
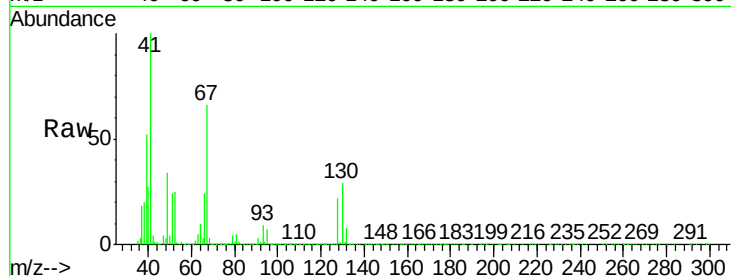
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		225505		
39	55.6	44.5	66.7		
67	71.9	57.4	86.0		
52	27.9	23.0	34.4		

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#42

1,2-Dichloroethane

Concen: 46.982 ug/l

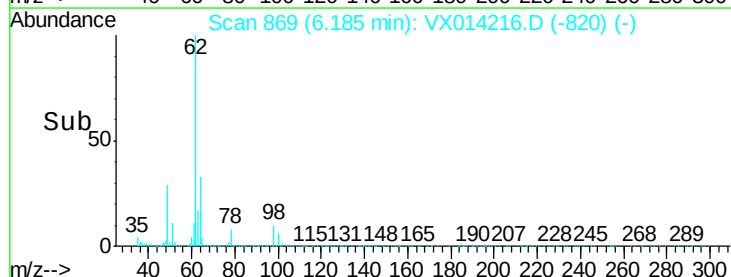
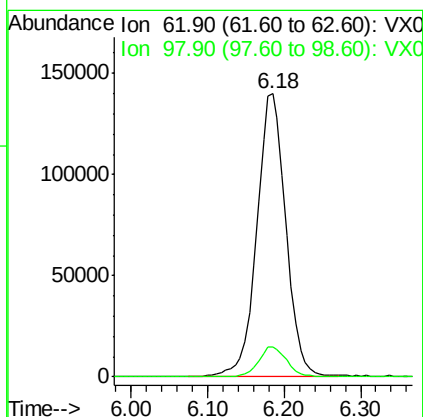
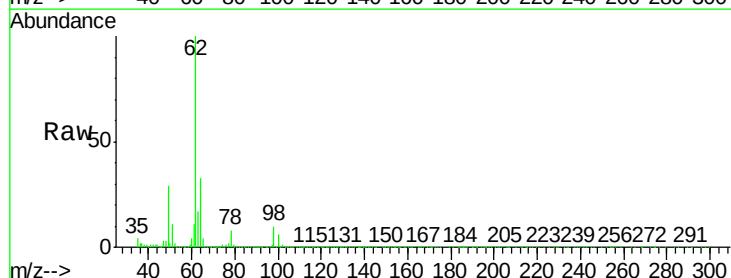
RT: 6.18 min Scan# 869

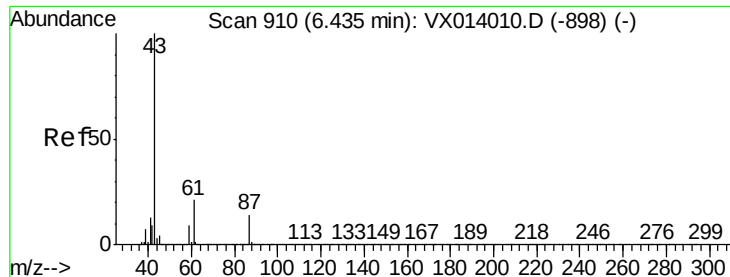
Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		369217		
98	10.4	0.0	21.0		





#43

Isopropyl Acetate

Concen: 48.551 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

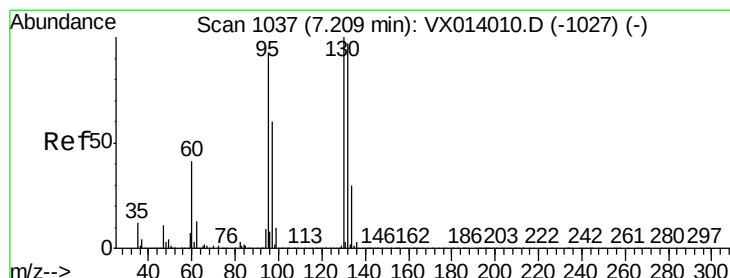
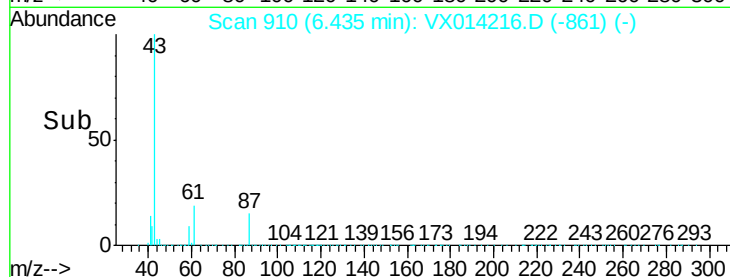
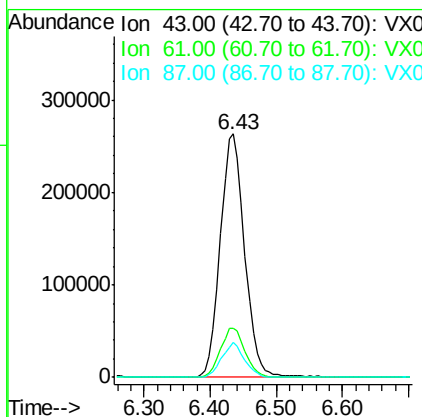
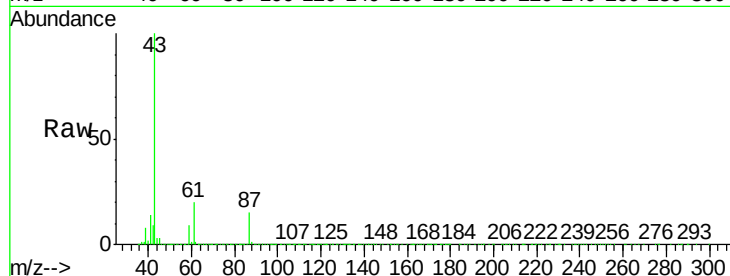
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	668550
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.4	24.6
87	13.5	10.7	16.1

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#44

Trichloroethene

Concen: 47.088 ug/l

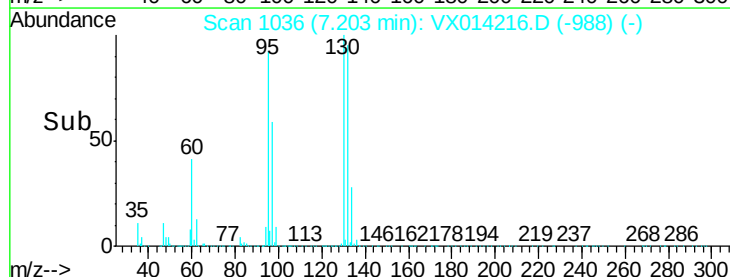
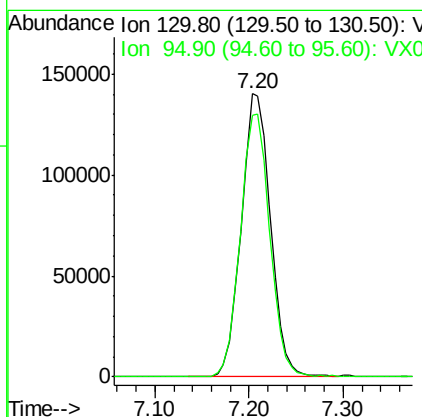
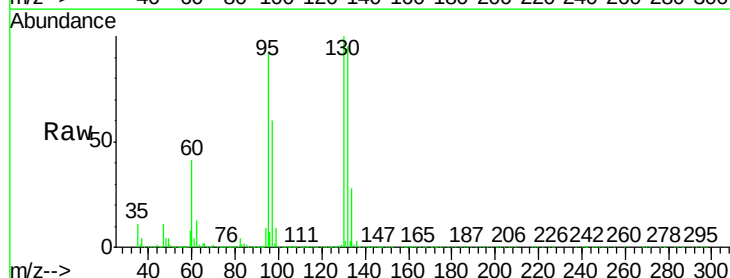
RT: 7.20 min Scan# 1036

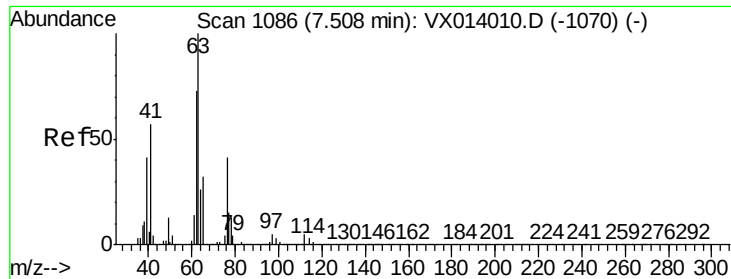
Delta R.T. -0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	130	Resp:	301526
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	185.6





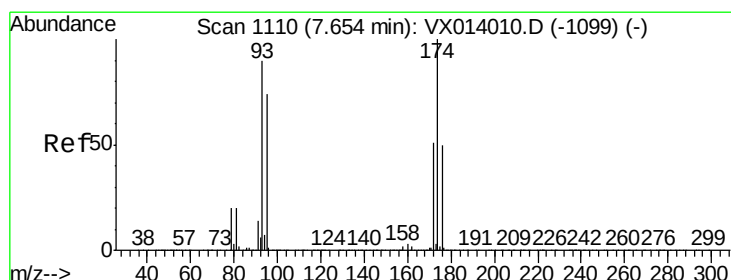
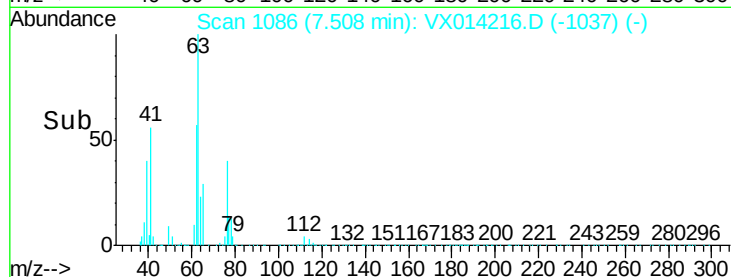
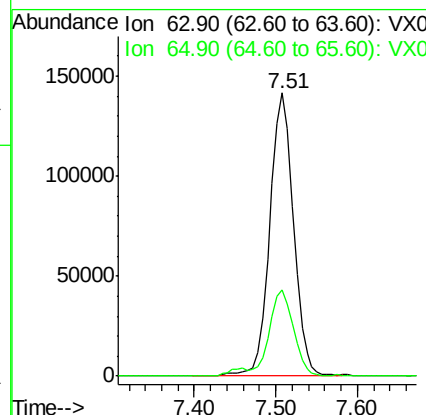
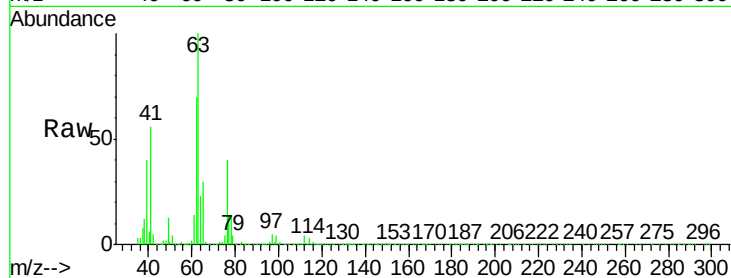
#45
 1,2-Dichloropropane
 Concen: 48.187 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.8	38.8

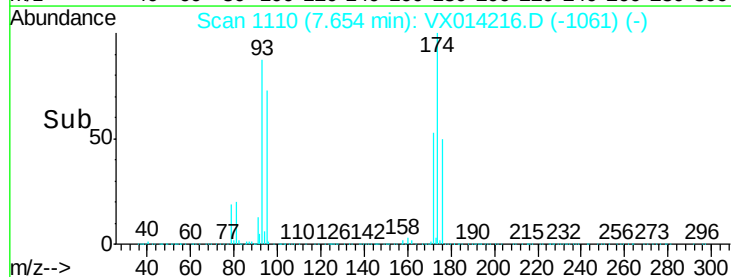
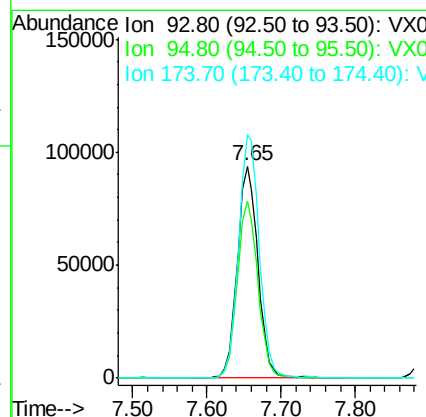
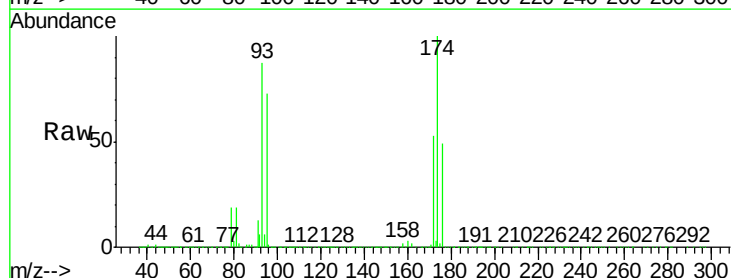
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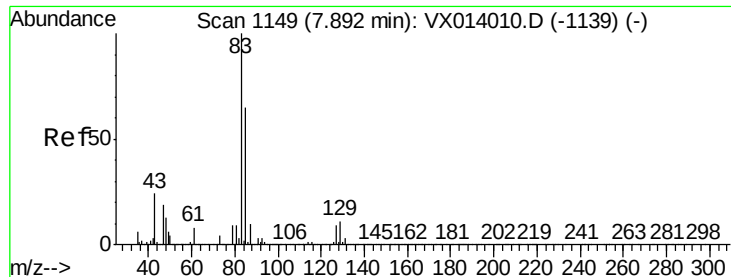
apatel
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#46
 Dibromomethane
 Concen: 46.316 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.3	100.9
174	116.1	91.6	137.4





#47

Bromodichloromethane

Concen: 49.070 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

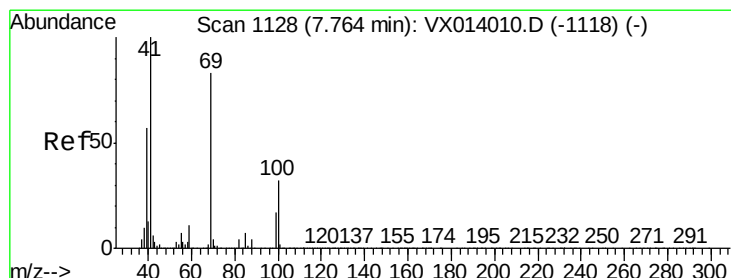
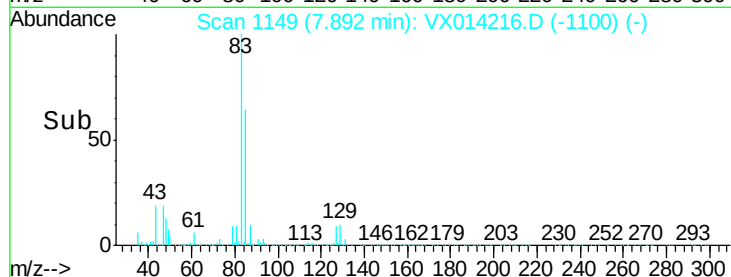
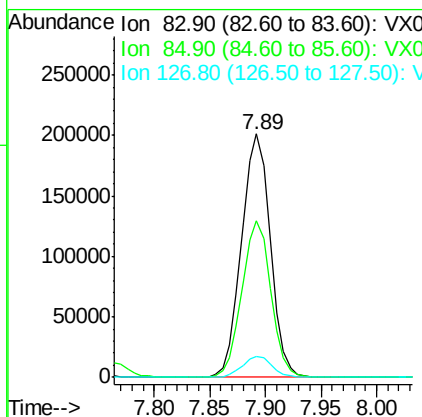
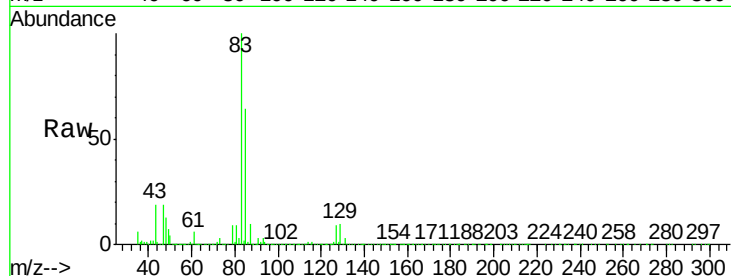
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	363067
Ion Ratio		Lower	Upper
83	100		
85	63.9	51.8	77.8
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 49.178 ug/l

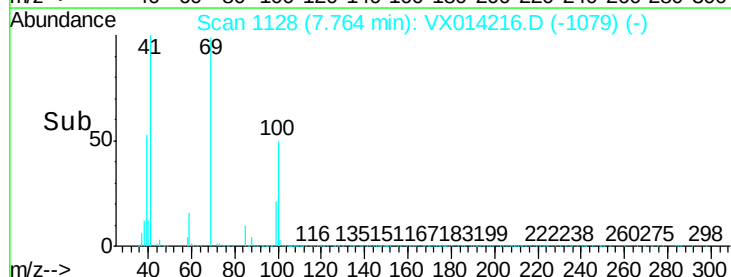
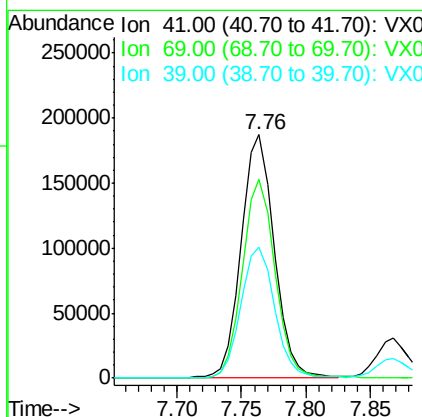
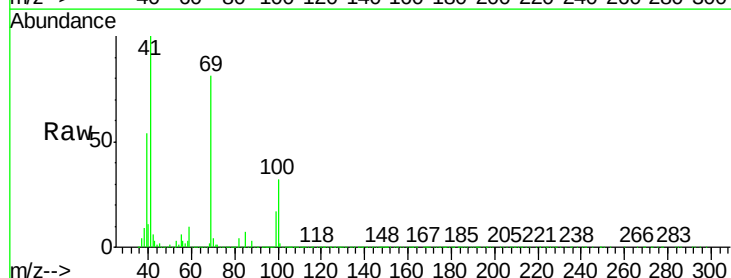
RT: 7.76 min Scan# 1128

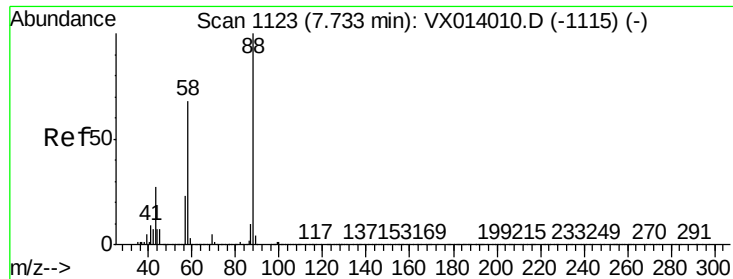
Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	41	Resp:	331597
Ion Ratio		Lower	Upper
41	100		
69	80.8	65.8	98.6
39	55.0	44.6	67.0





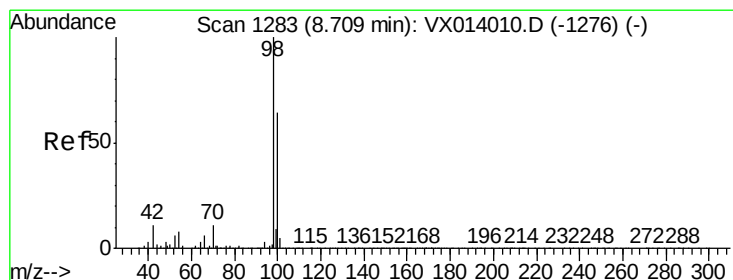
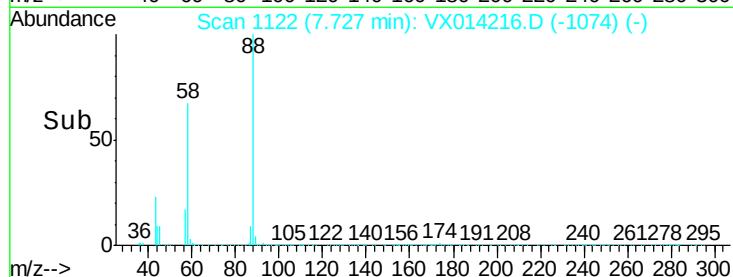
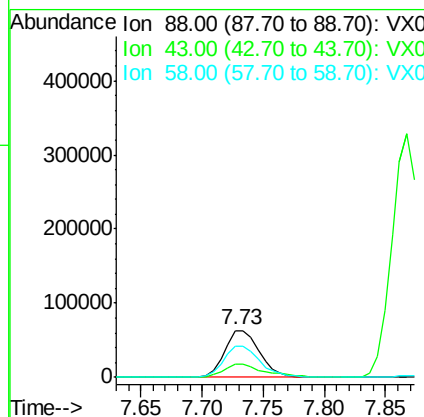
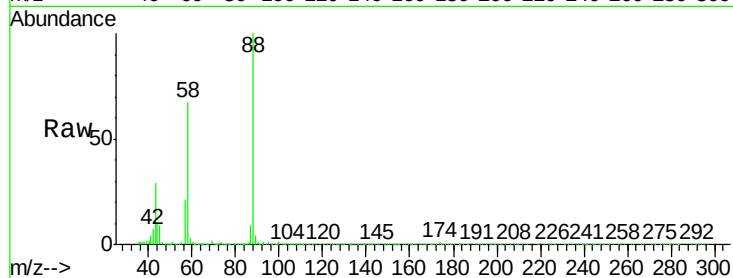
#49
1,4-Dioxane
Concen: 908.025 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.5	39.7
58	70.1	56.8	85.2

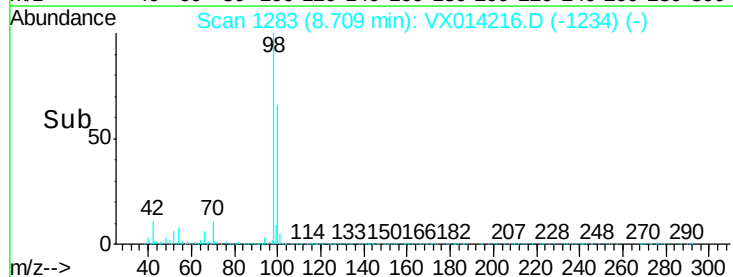
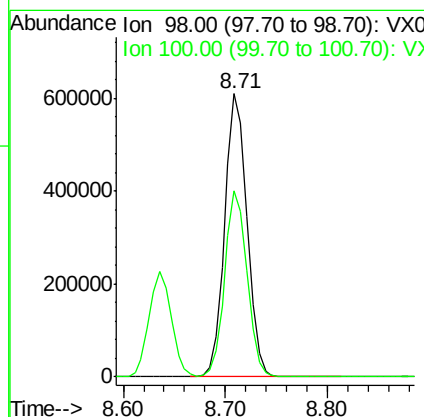
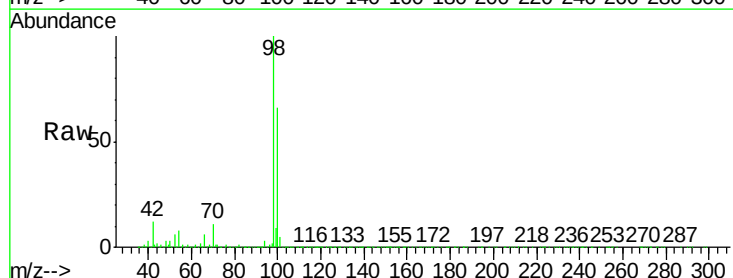
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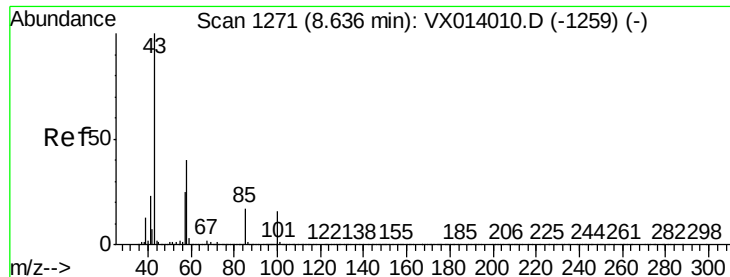
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#50
Toluene-d8
Concen: 47.650 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 241.974 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2092545

Ion Ratio Lower Upper

43 100

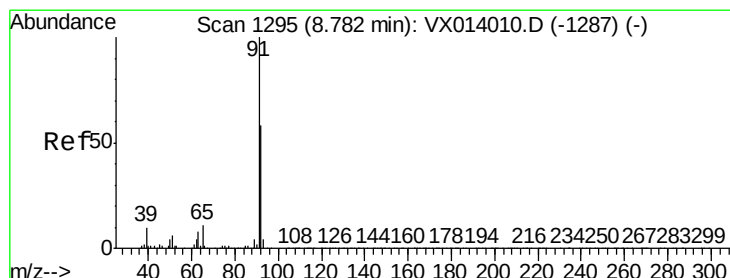
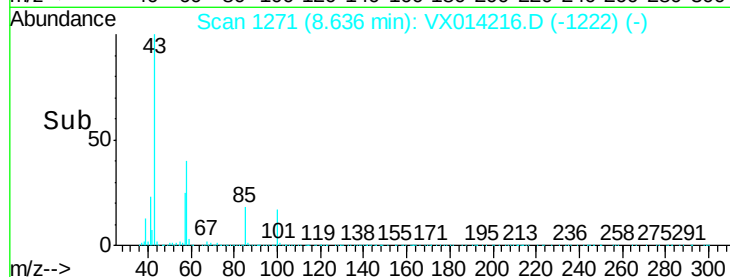
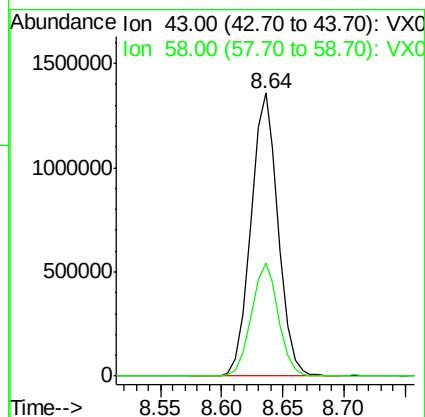
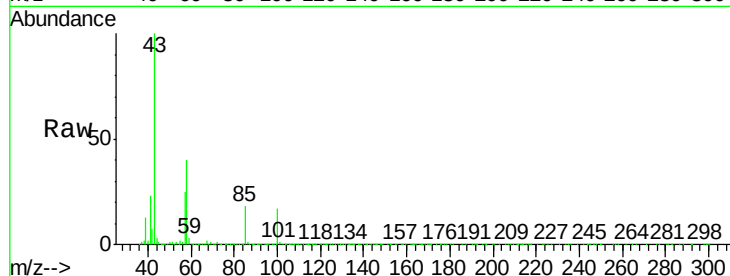
58 39.8 32.2 48.2

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#52

Toluene

Concen: 46.583 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014216.D

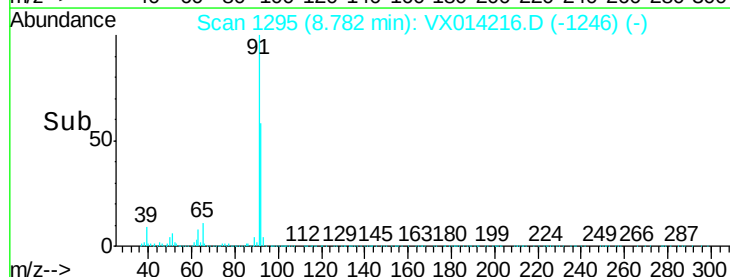
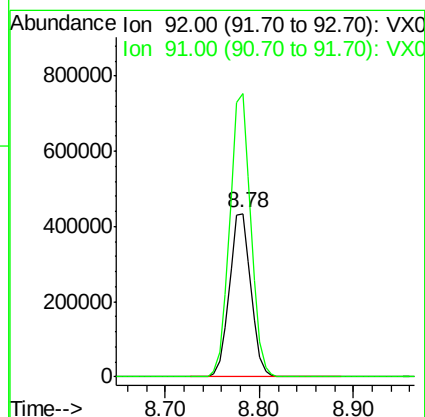
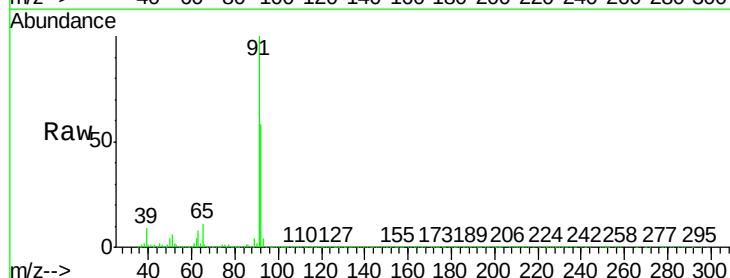
Acq: 23 Dec 2019 20:39

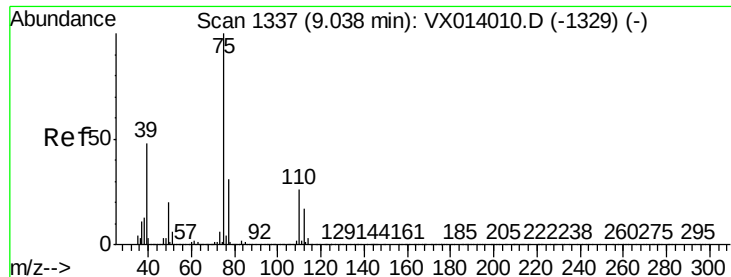
Tgt Ion: 92 Resp: 682609

Ion Ratio Lower Upper

92 100

91 171.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 49.164 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 398874

Ion Ratio Lower Upper

75 100

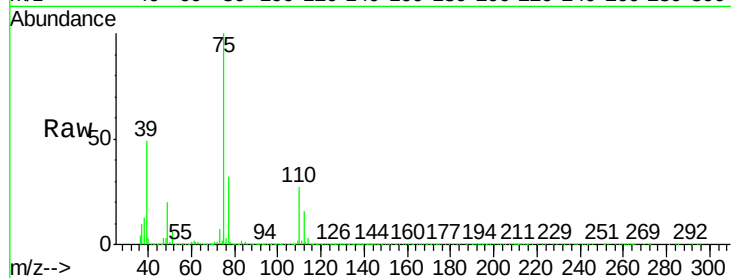
77 31.9 25.1 37.7

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

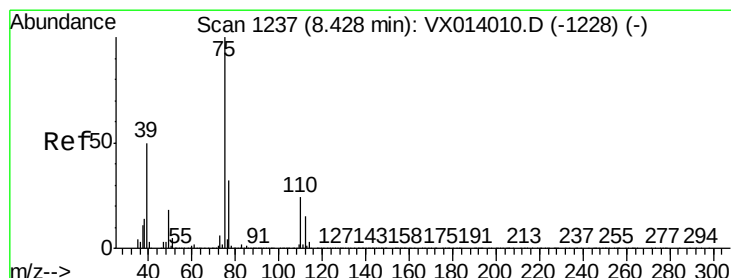
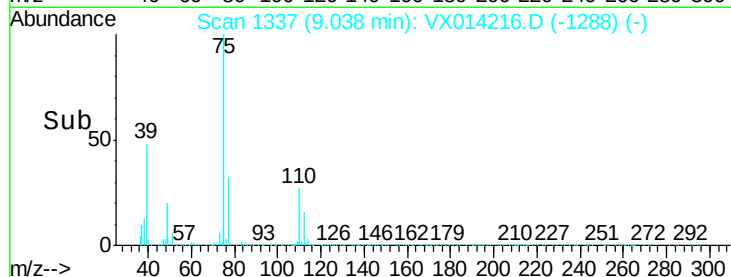
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.916 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

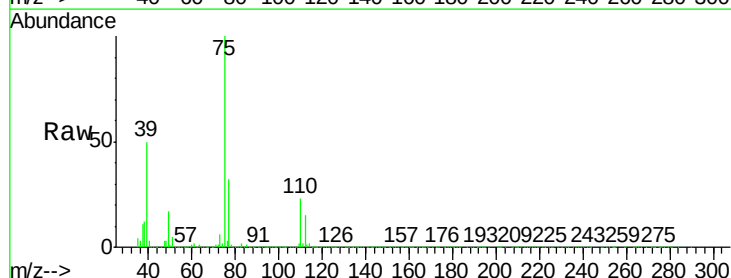
Tgt Ion: 75 Resp: 442132

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 49.8 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

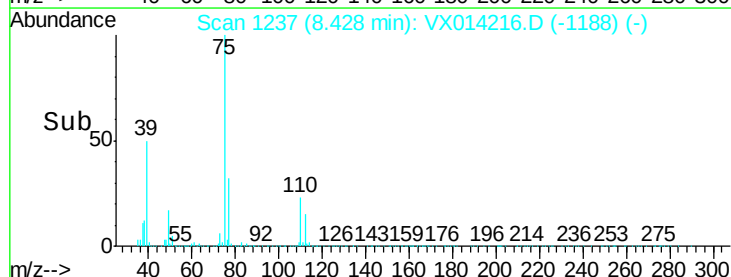
300000

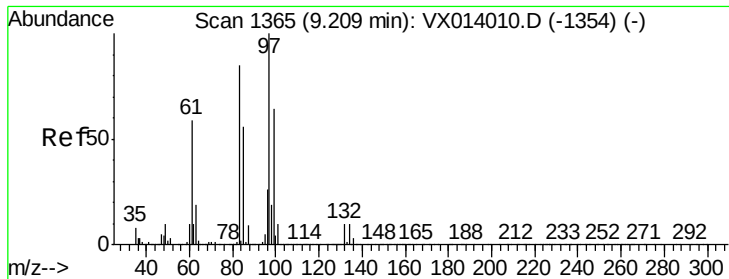
200000

100000

0

Time-->





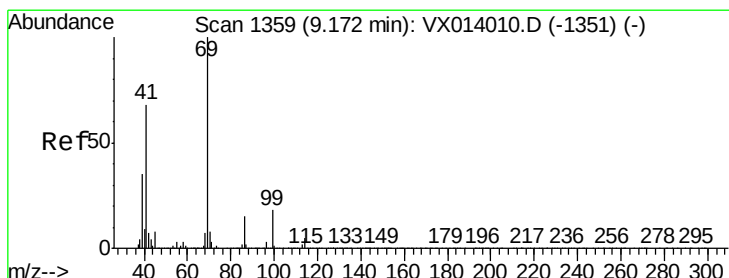
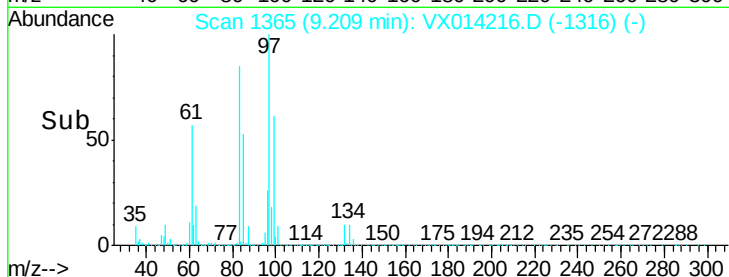
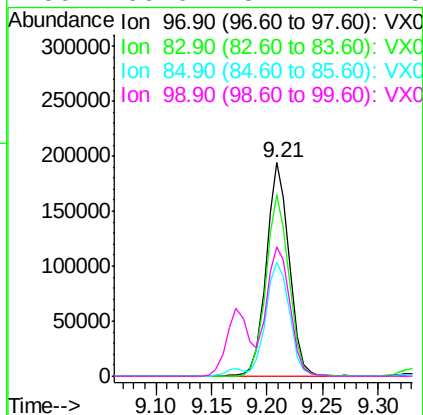
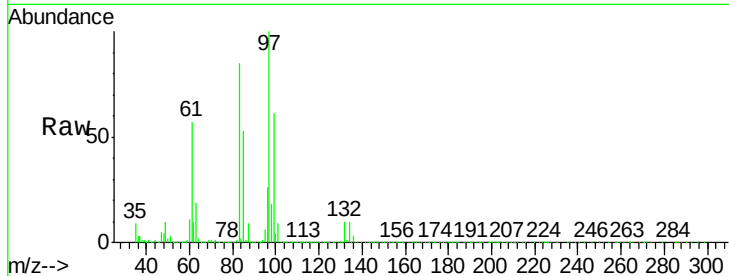
#55
 1,1,2-Trichloroethane
 Concen: 47.716 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		280238		
83	85.2	68.2	102.4		
85	53.4	44.6	66.8		
99	60.6	51.4	77.0		

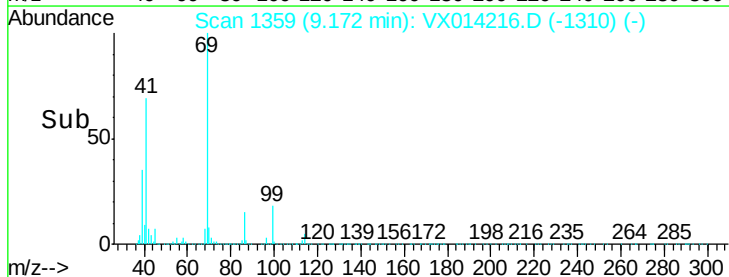
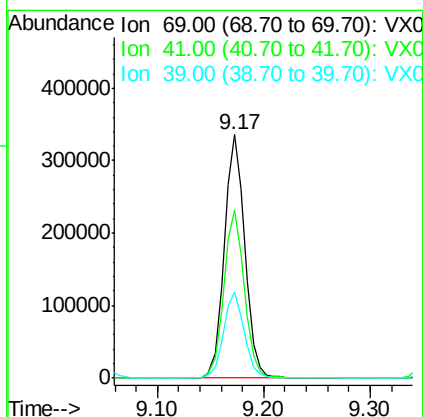
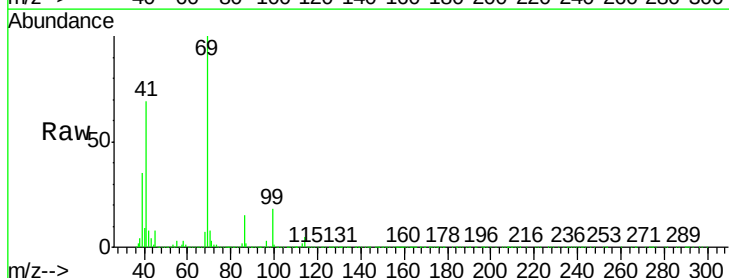
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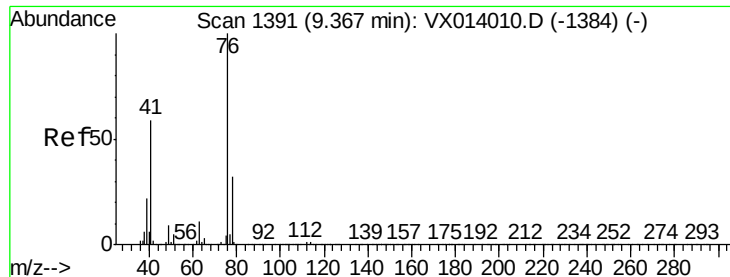
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#56
 Ethyl methacrylate
 Concen: 49.266 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		454502		
41	68.2	54.8	82.2		
39	35.2	28.3	42.5		





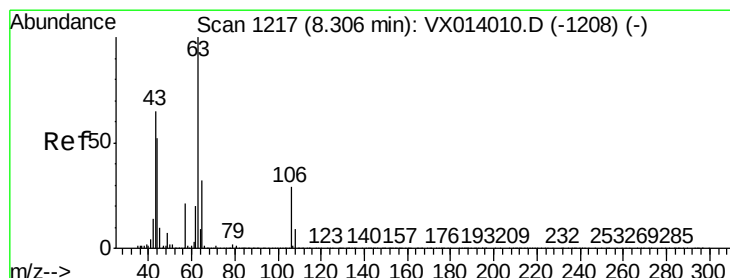
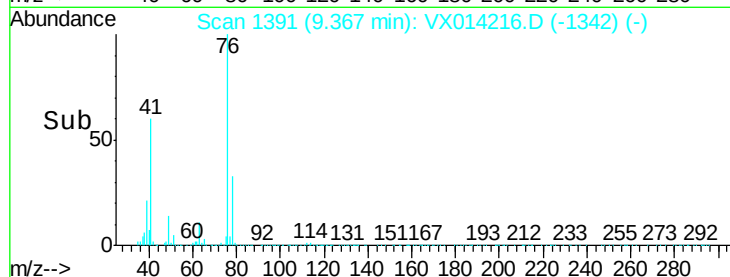
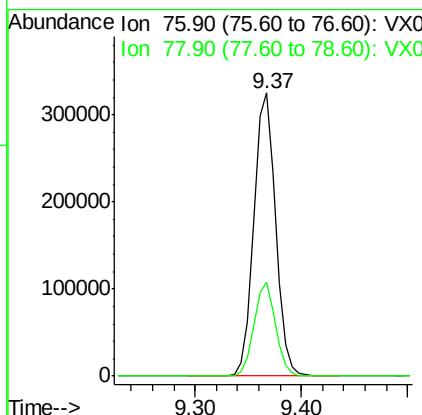
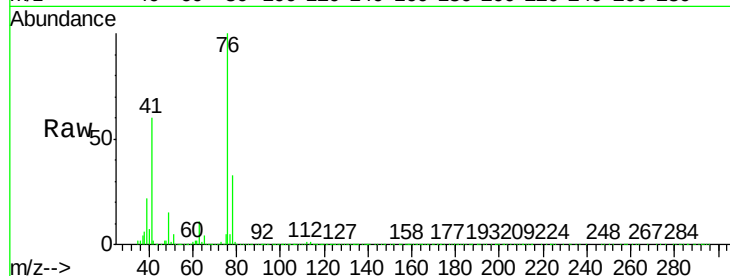
#57
 1,3-Dichloropropane
 Concen: 47.241 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 466807
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

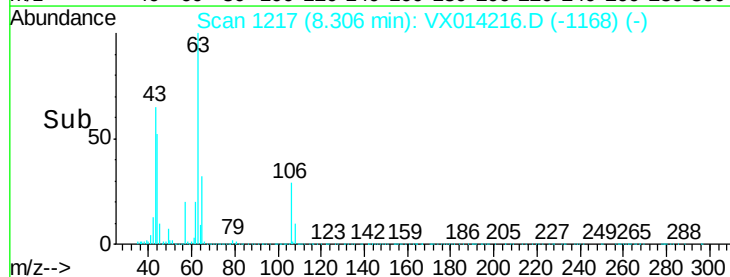
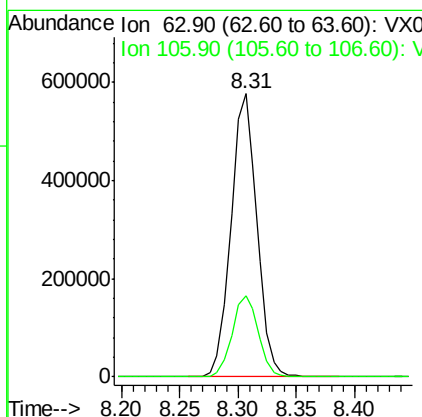
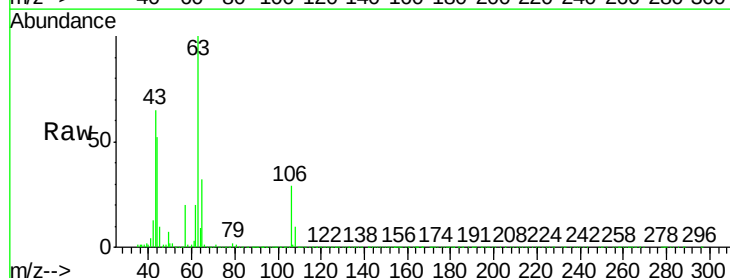
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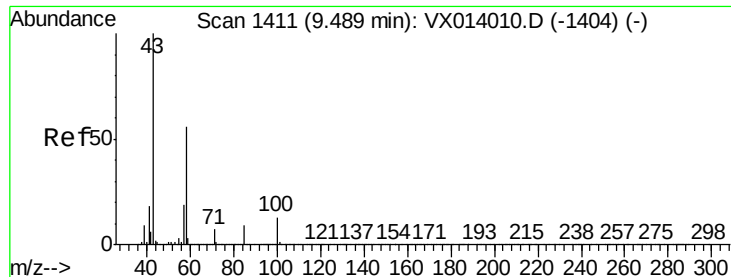
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#58
 2-Chloroethyl Vinyl ether
 Concen: 256.002 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion: 63 Resp: 893772
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.0 34.6





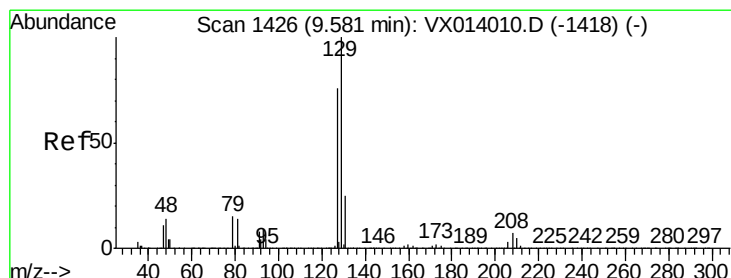
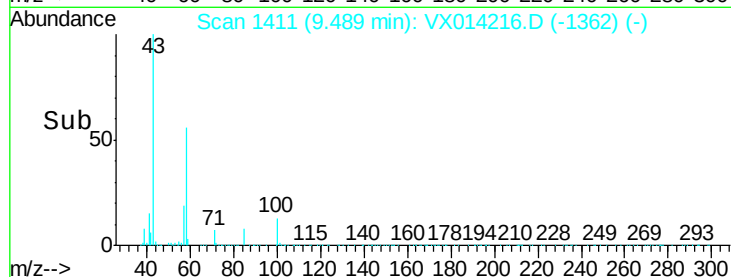
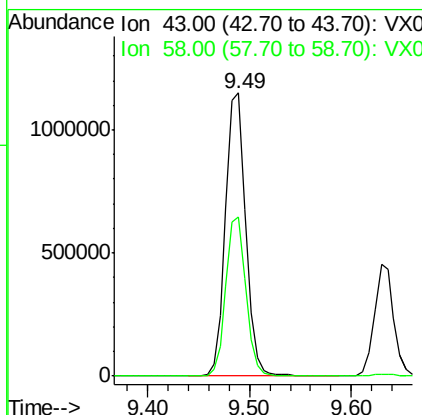
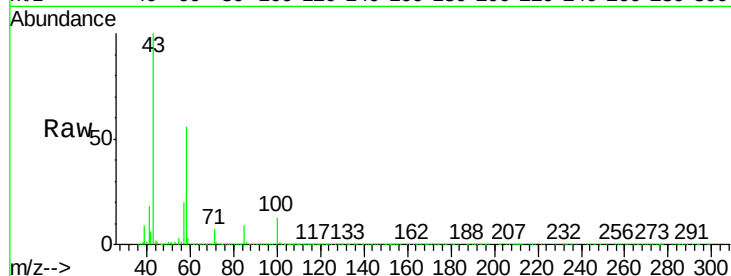
#59
2-Hexanone
Concen: 227.246 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1581976
Ion Ratio Lower Upper
43 100
58 56.0 28.0 84.0

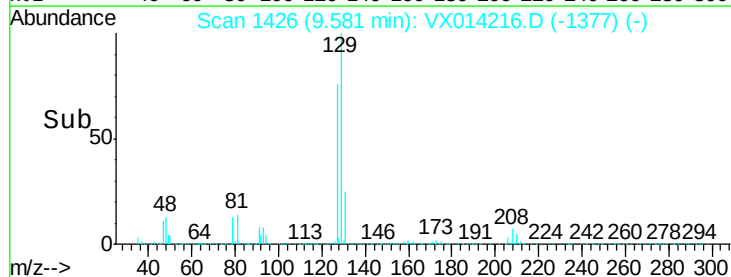
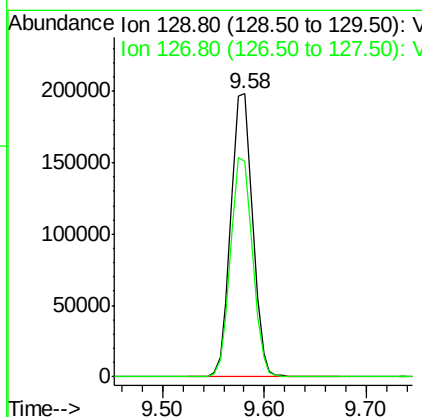
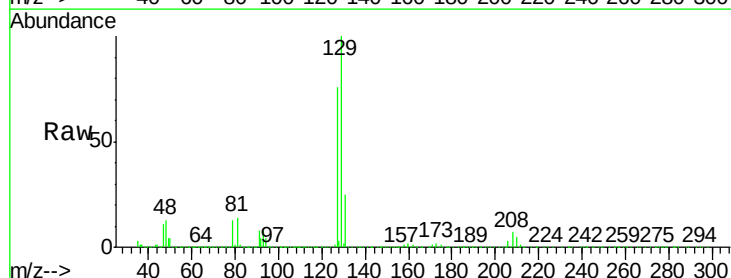
Manual Integrations
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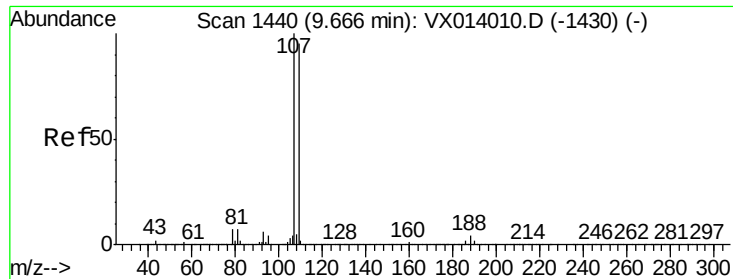
apatel
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#60
Dibromochloromethane
Concen: 49.989 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 129 Resp: 291826
Ion Ratio Lower Upper
129 100
127 78.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 48.622 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 292171

Ion Ratio Lower Upper

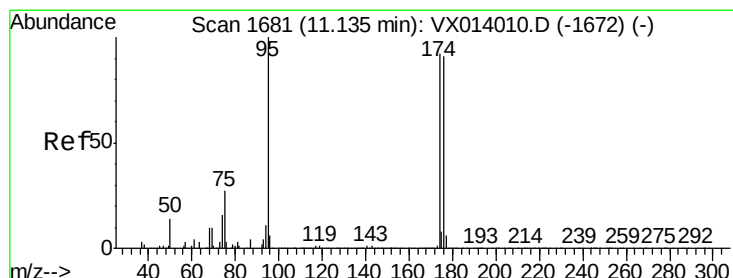
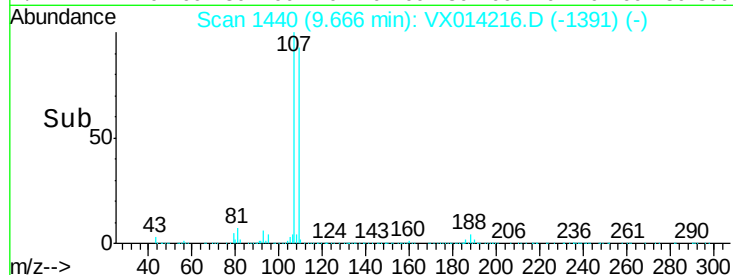
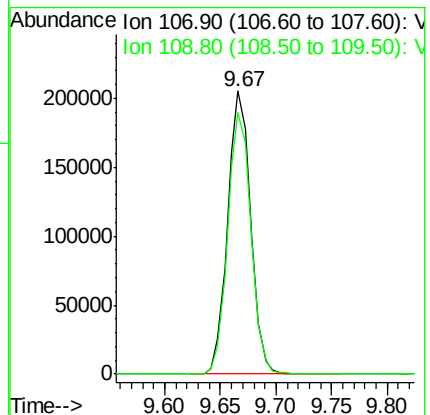
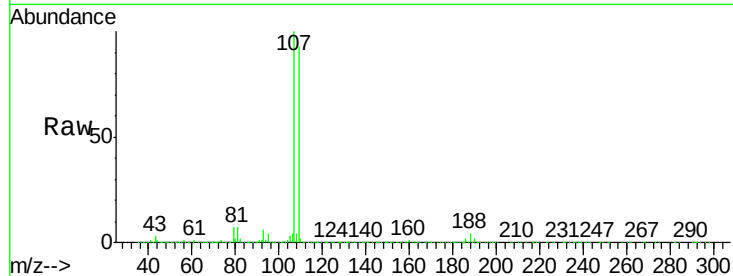
107 100

109 94.3 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 46.072 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

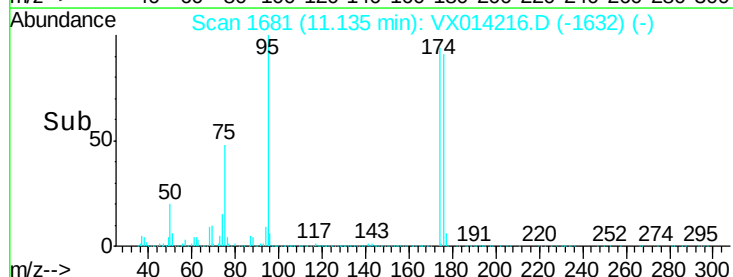
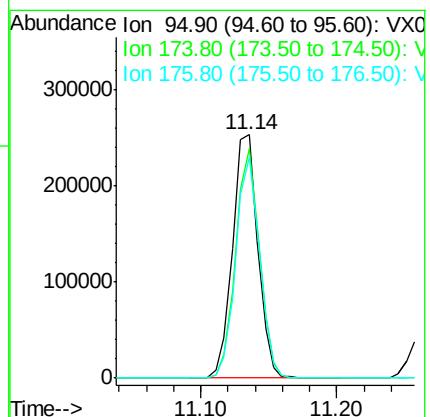
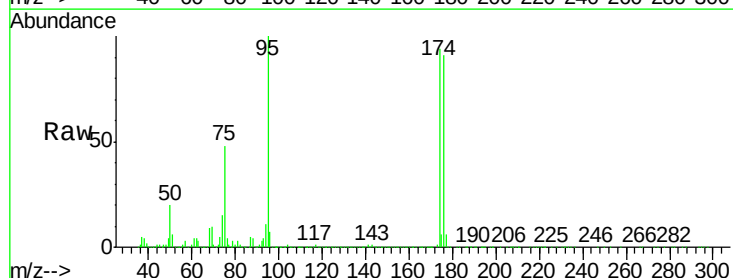
Tgt Ion: 95 Resp: 327302

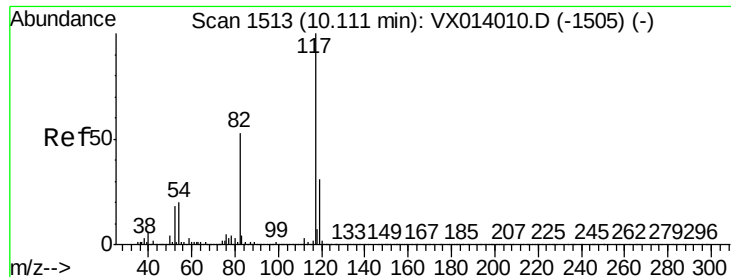
Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.8

176 86.0 0.0 173.0





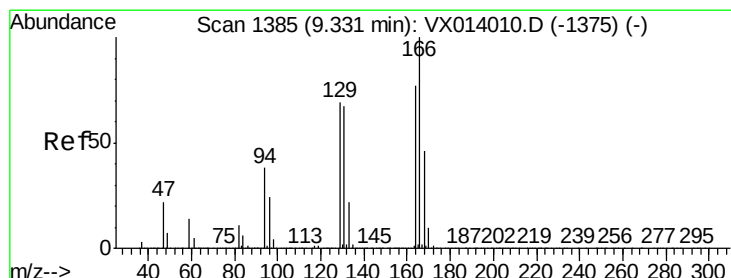
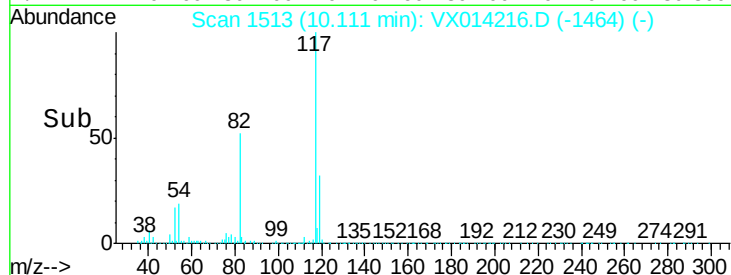
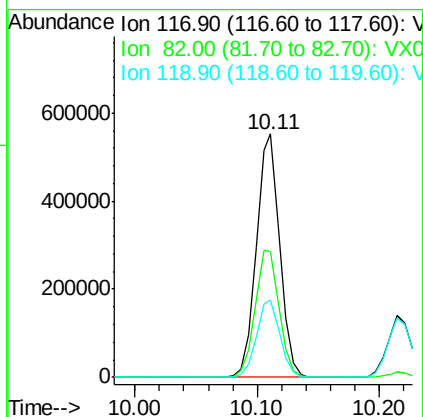
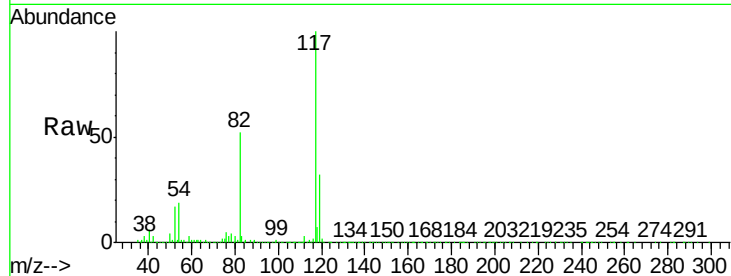
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.4
119	31.9	25.1	37.7

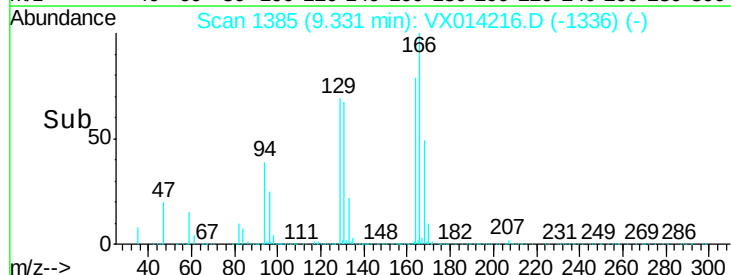
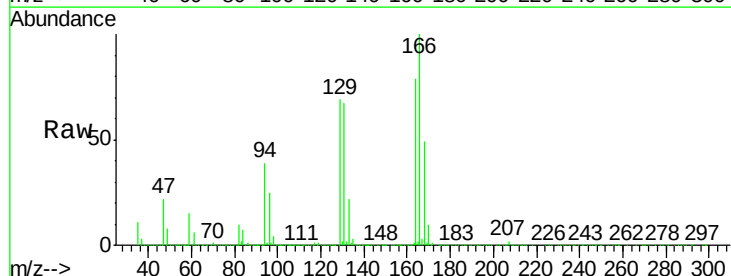
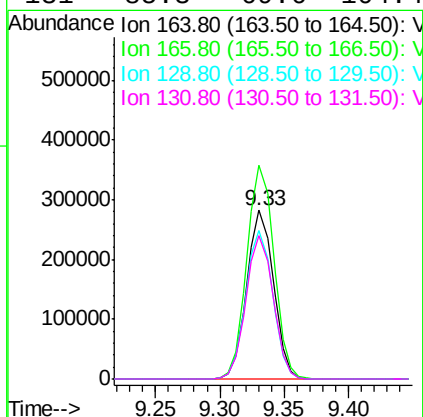
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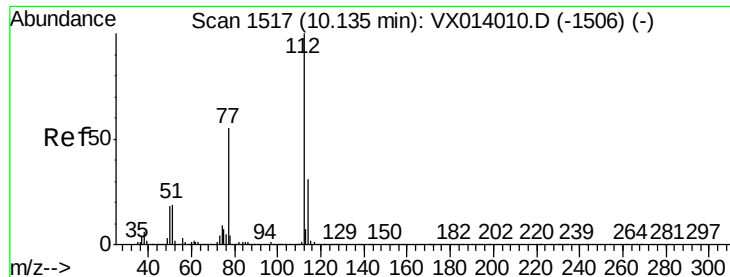
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#64
Tetrachloroethene
Concen: 62.132 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.0	156.0
129	88.0	72.2	108.4
131	85.3	69.6	104.4





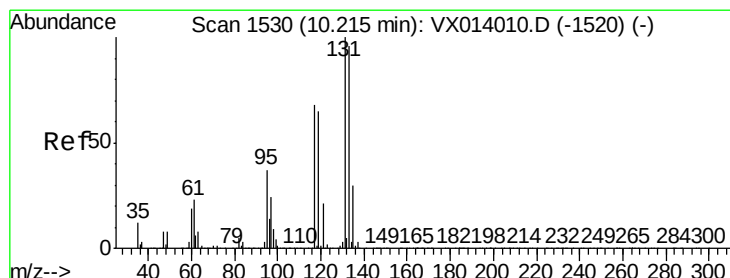
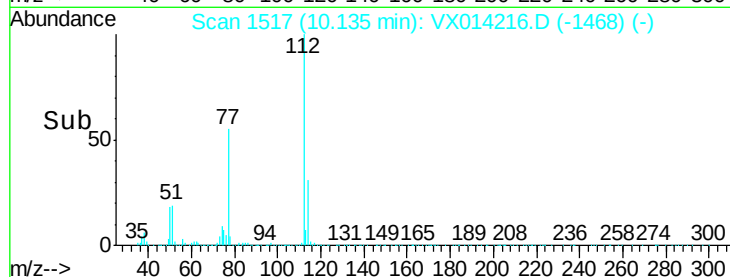
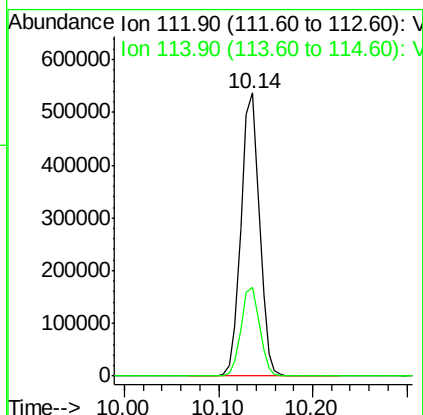
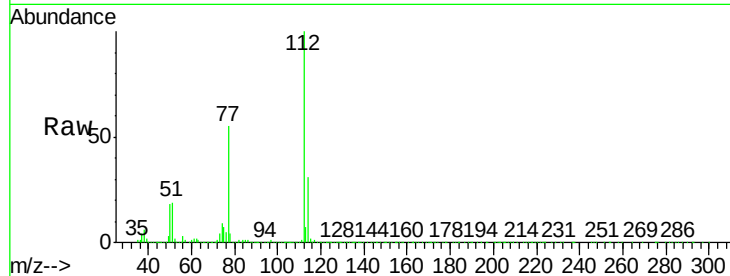
#65
Chlorobenzene
Concen: 46.913 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	24.9	37.3

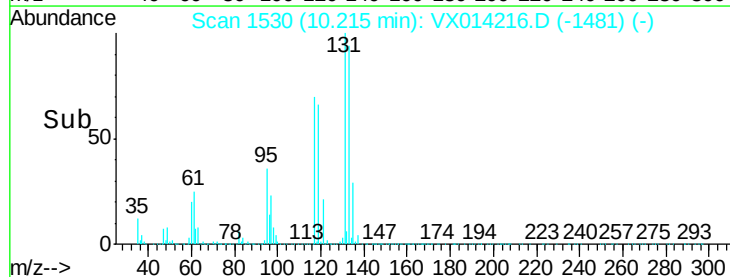
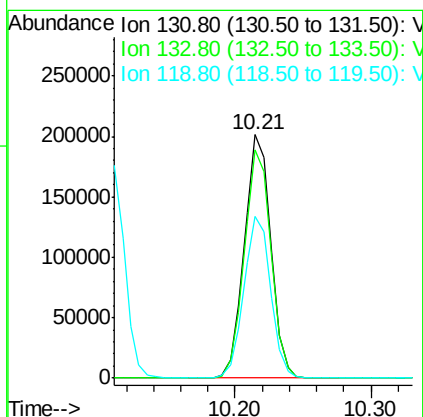
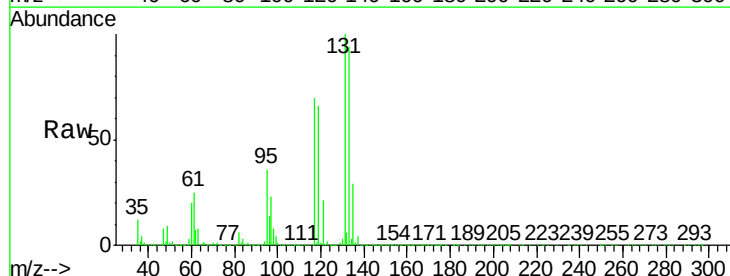
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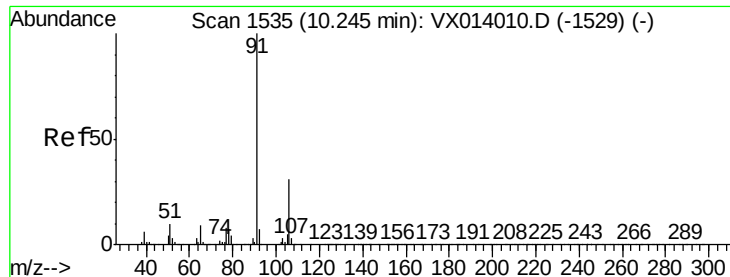
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.920 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.0	144.0
119	66.9	33.4	100.2





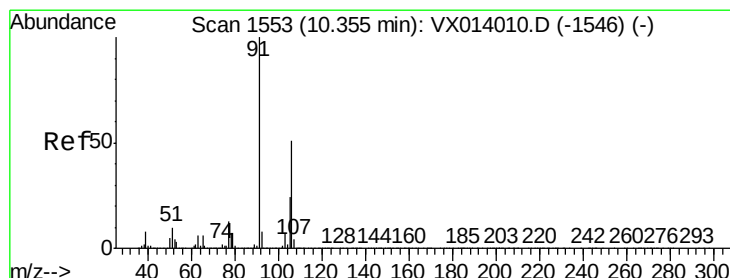
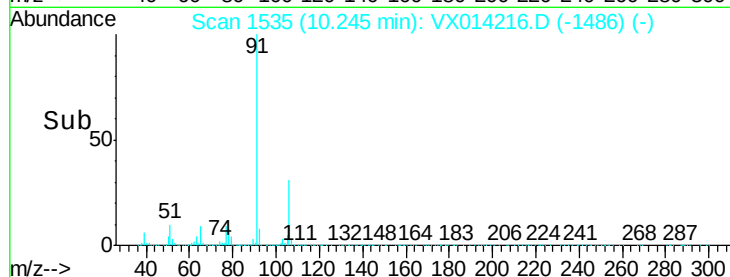
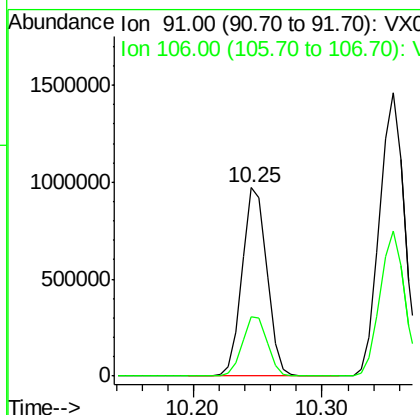
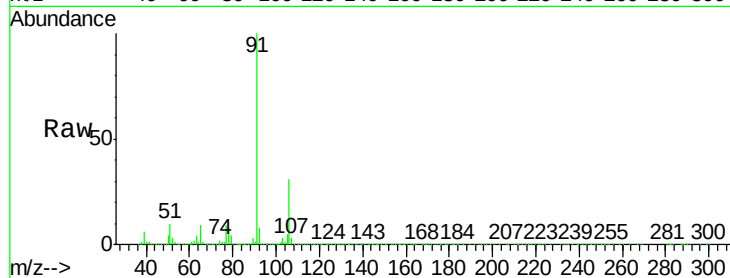
#67
Ethyl Benzene
Concen: 47.890 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1288615
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

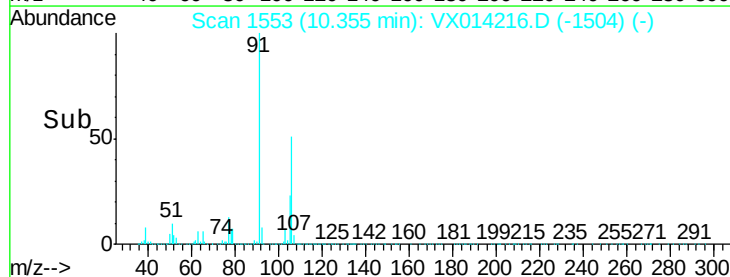
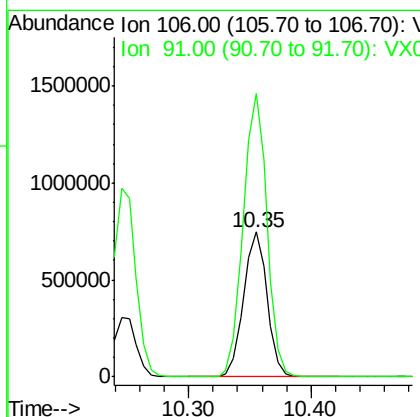
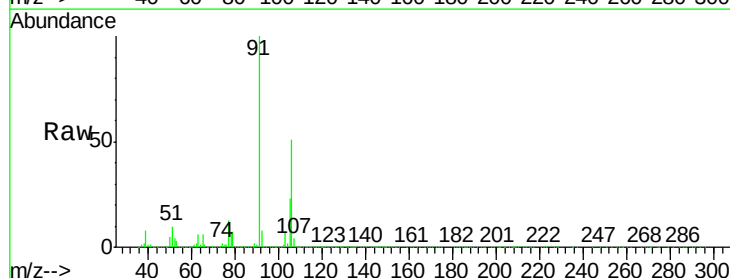
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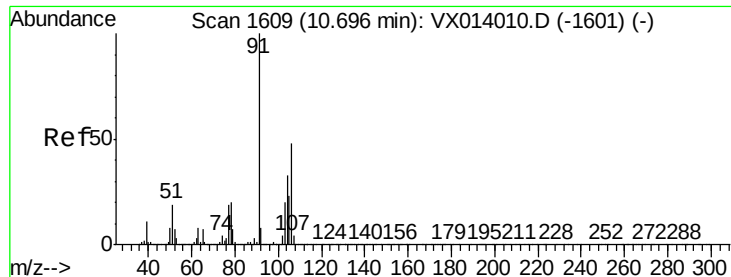
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#68
m/p-Xylenes
Concen: 96.028 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 106 Resp: 993816
Ion Ratio Lower Upper
106 100
91 197.1 158.6 238.0





#69

o-Xylene

Concen: 47.597 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:106 Resp: 483107

Ion Ratio Lower Upper

106 100

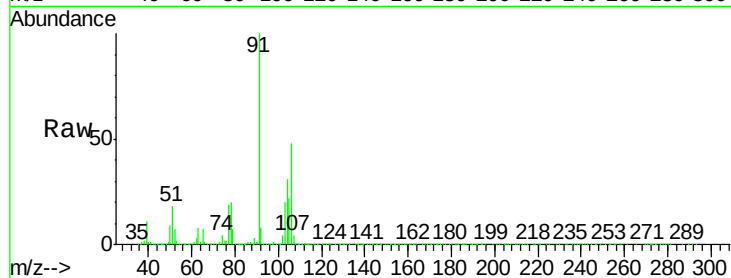
91 209.8 104.2 312.6

Manual Integrations

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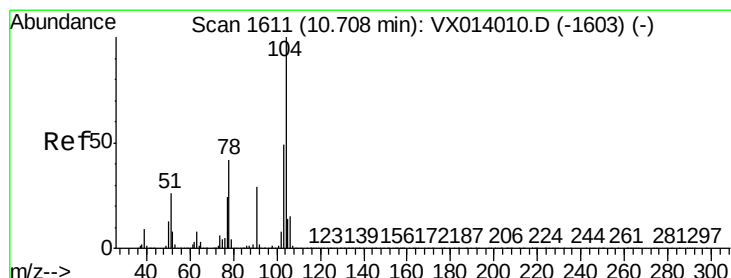
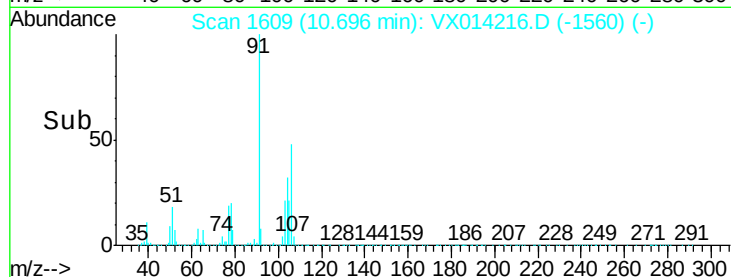
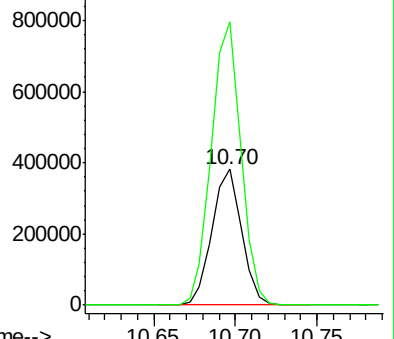
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 48.384 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

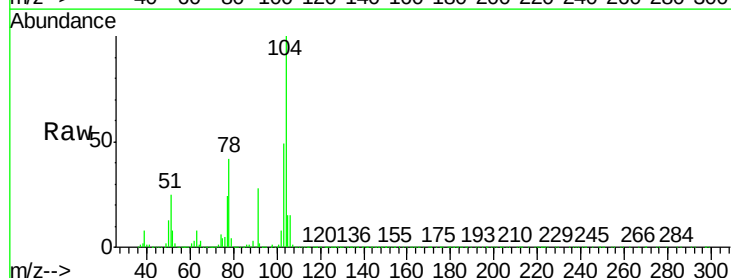
Tgt Ion:104 Resp: 830441

Ion Ratio Lower Upper

104 100

78 48.0 38.5 57.7

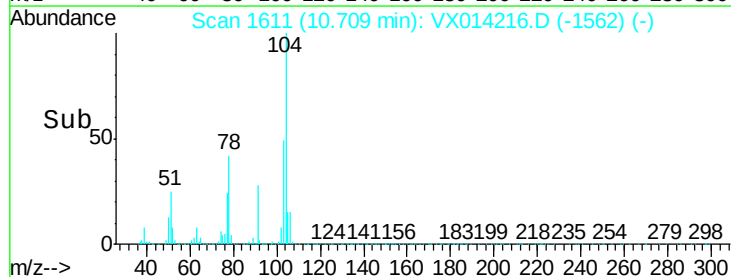
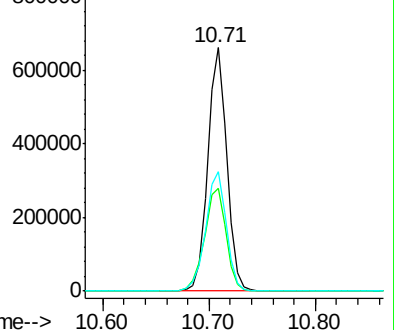
103 53.7 42.9 64.3

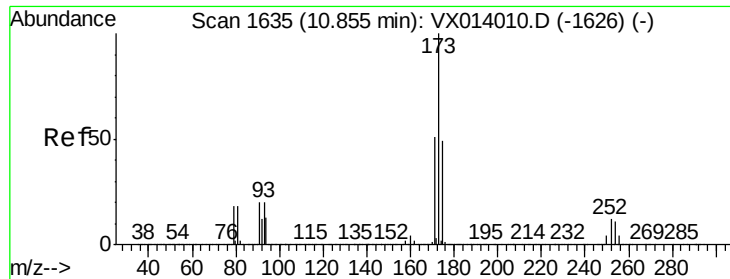


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





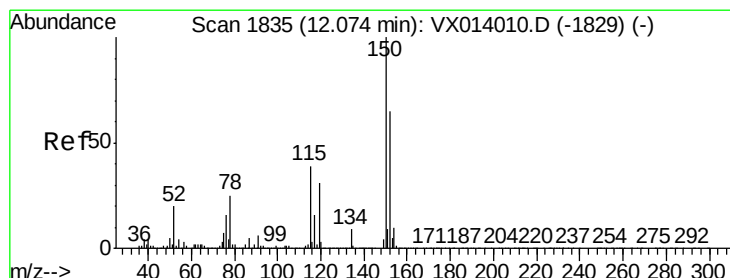
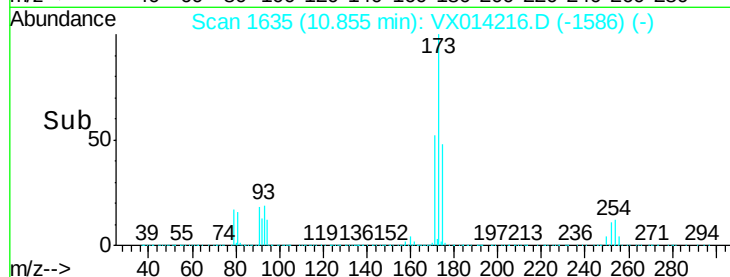
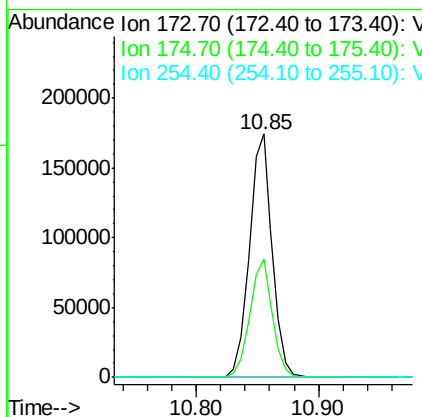
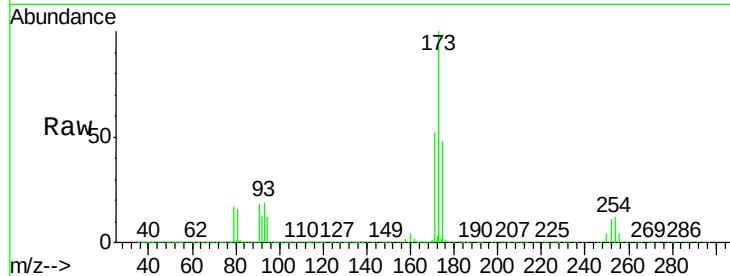
#71
Bromoform
Concen: 49.933 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.4
254	0.2	0.2	0.2

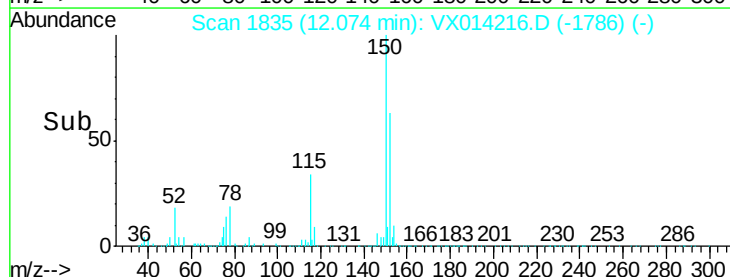
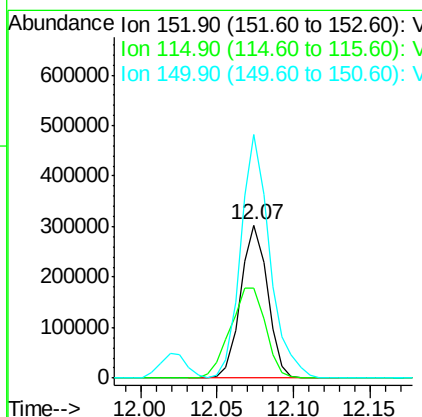
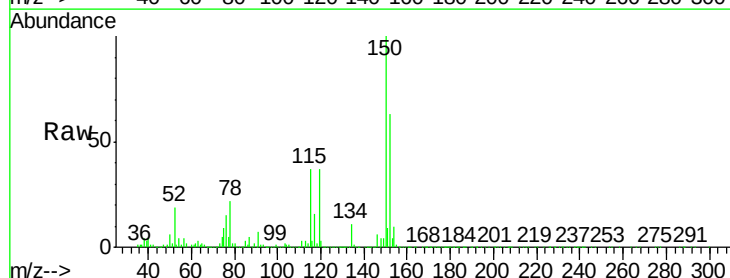
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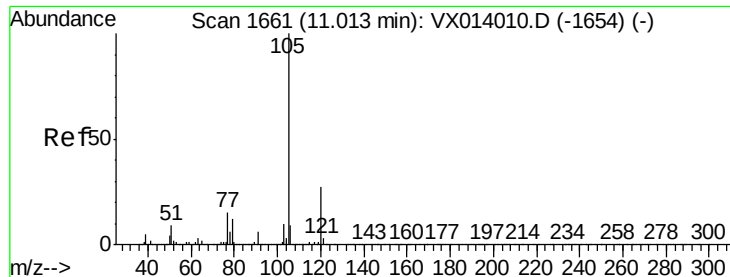
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.5	38.3	114.9
150	171.9	0.0	345.4





#73

Isopropylbenzene

Concen: 48.712 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1266564

Ion Ratio Lower Upper

105 100

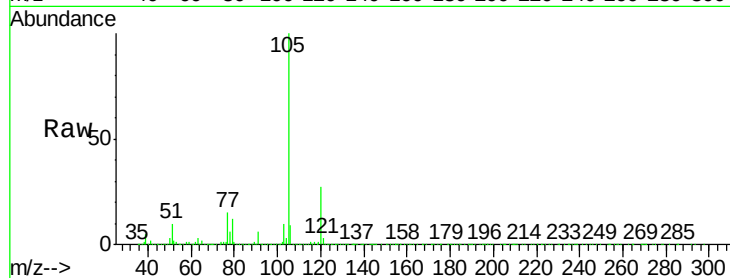
120 27.2 13.5 40.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

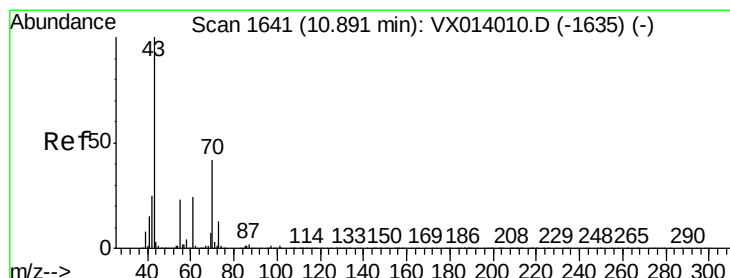
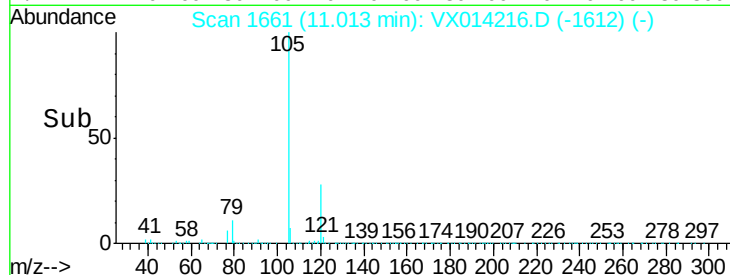
200000

0

11.01

10.95 11.00 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 48.123 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion: 43 Resp: 586518

Ion Ratio Lower Upper

43 100

70 43.0 34.4 51.6

55 24.3 19.1 28.7

61 25.0 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

600000

400000

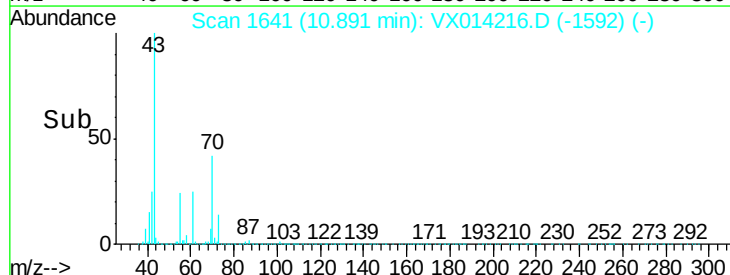
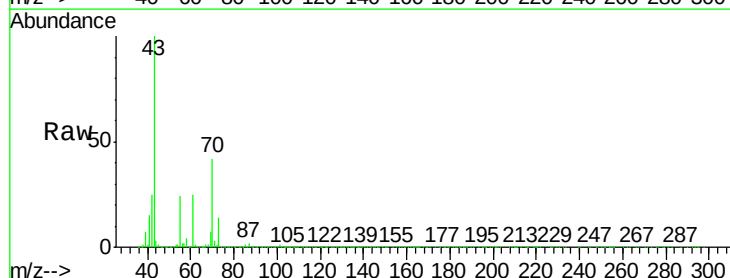
200000

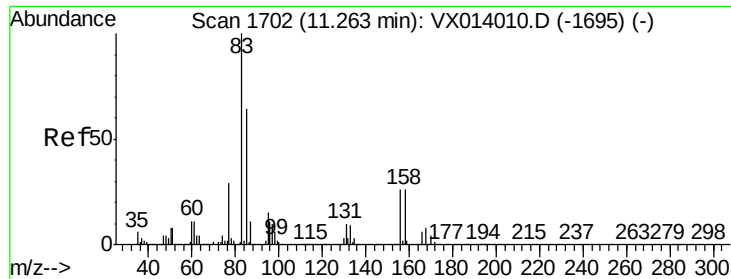
0

10.89

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.848 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

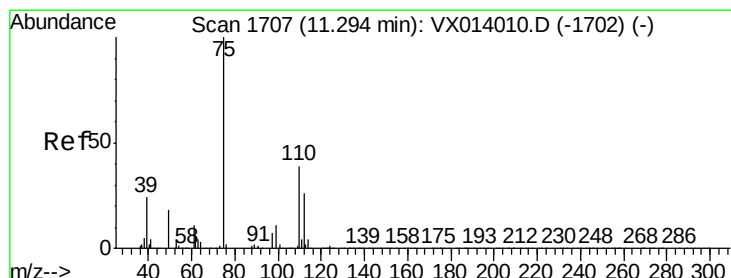
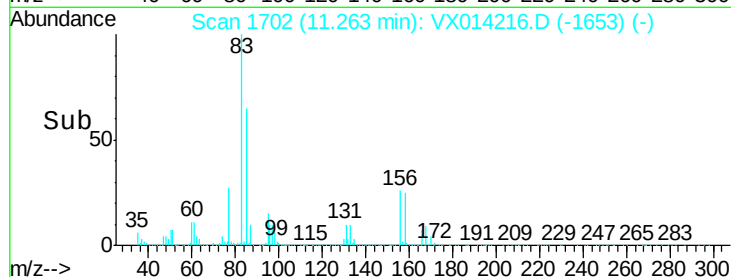
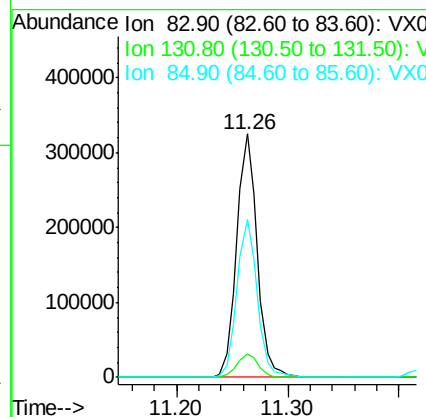
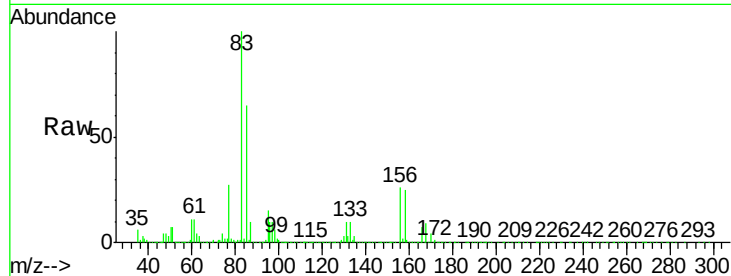
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	413297
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	64.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 43.310 ug/l m

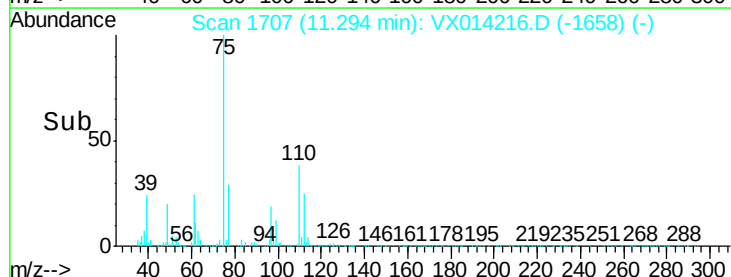
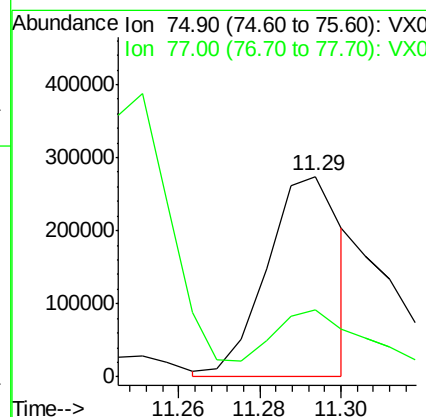
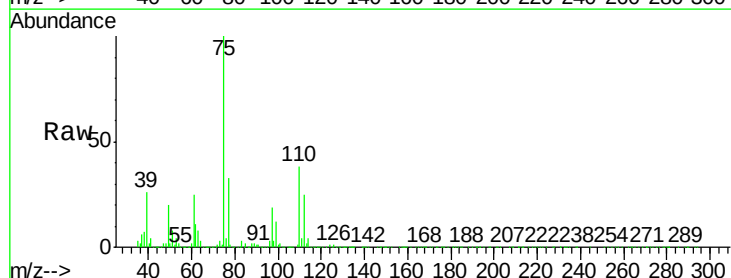
RT: 11.29 min Scan# 1707

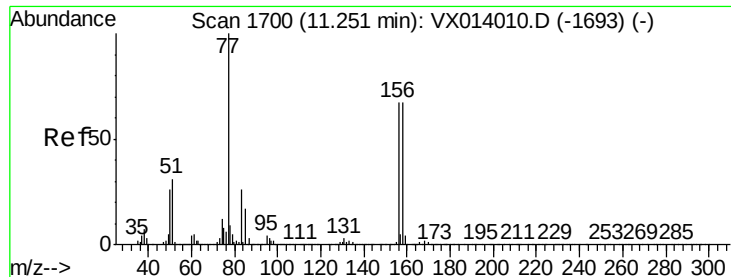
Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	75	Resp:	347229
Ion Ratio	Lower	Upper	
75	100		
77	43.7	19.3	57.8





#77

Bromobenzene

Concen: 46.335 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

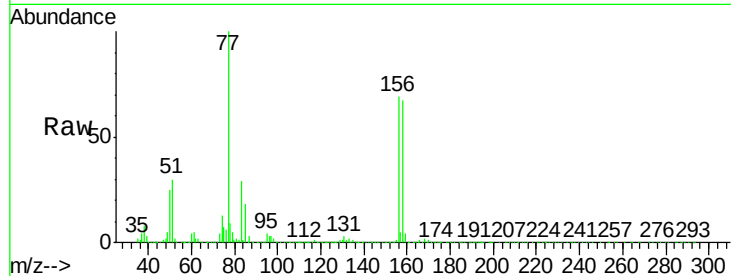
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	331477
Ion Ratio	Lower	Upper	
156	100		
77	151.8	76.5	229.5
158	97.0	49.3	147.9

Manual Integrations
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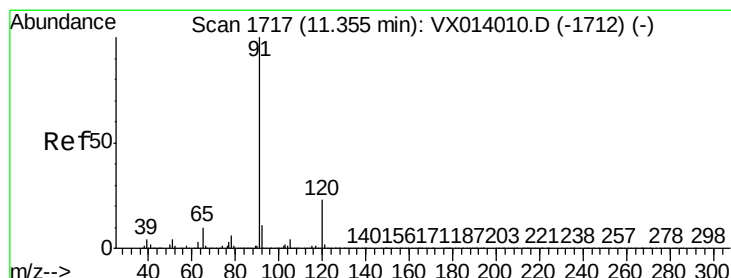
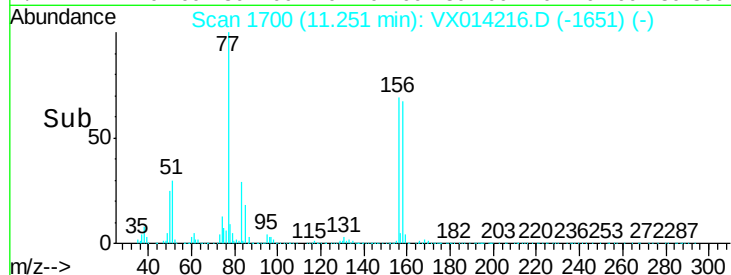
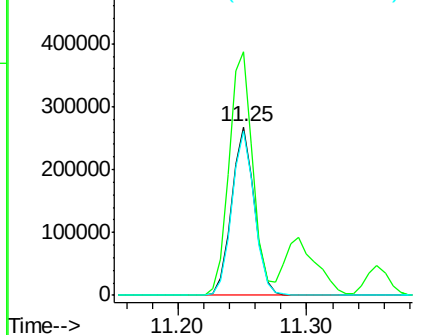
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.096 ug/l

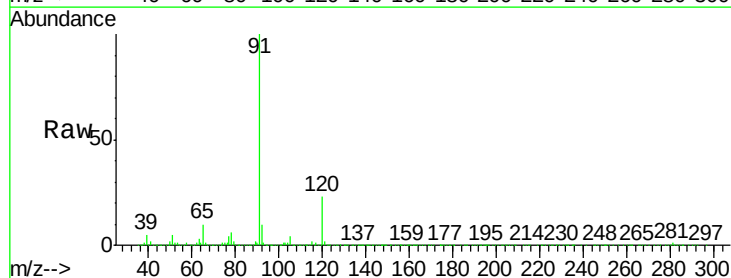
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014216.D

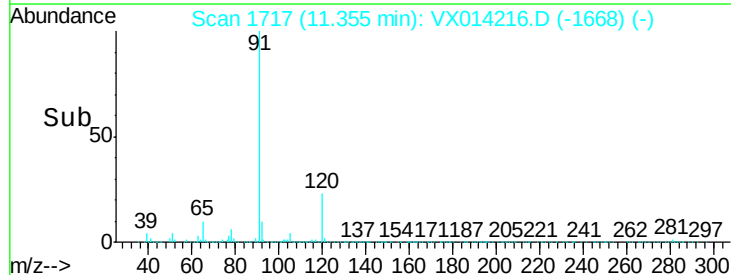
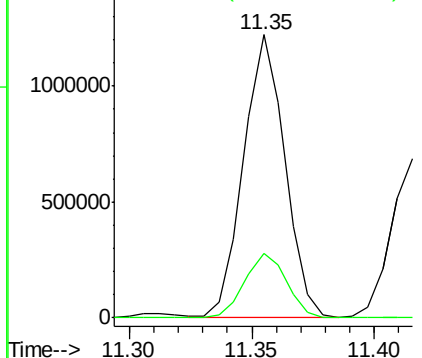
Acq: 23 Dec 2019 20:39

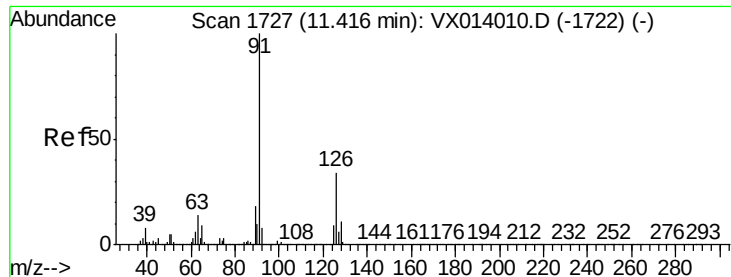
Tgt Ion:	91	Resp:	1431891
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.724 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 846082

Ion Ratio Lower Upper

91 100

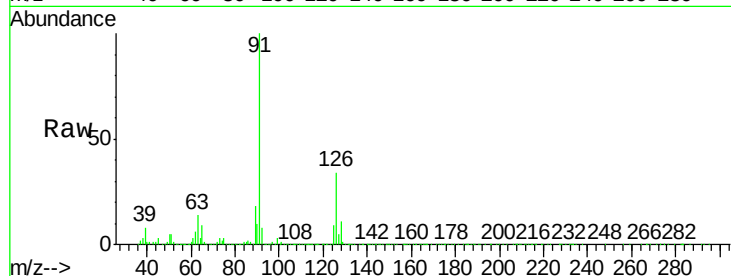
126 35.1 17.2 51.6

Manual Integrations

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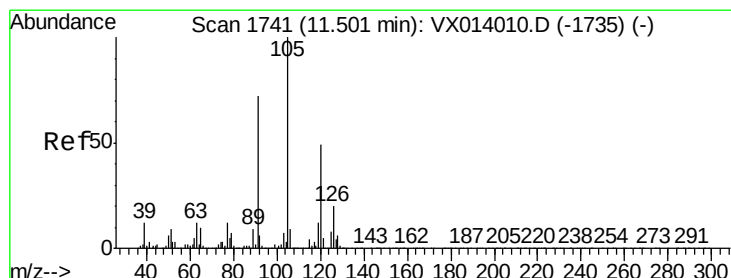
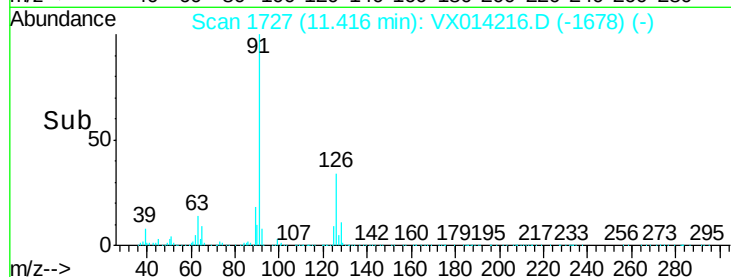
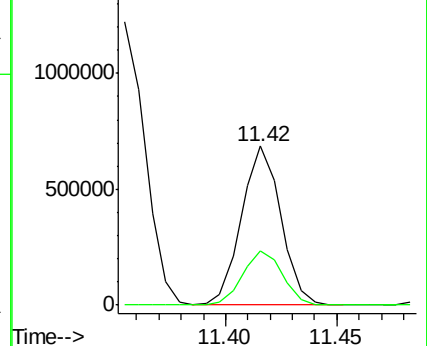
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.246 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014216.D

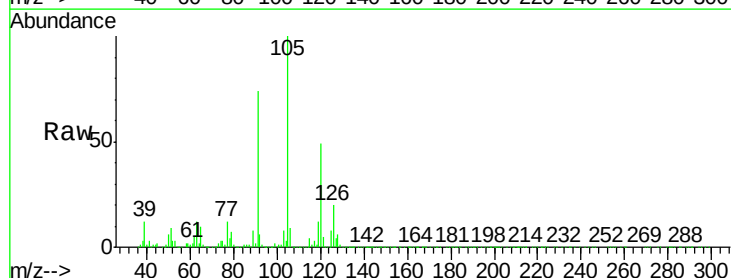
Acq: 23 Dec 2019 20:39

Tgt Ion:105 Resp: 1055751

Ion Ratio Lower Upper

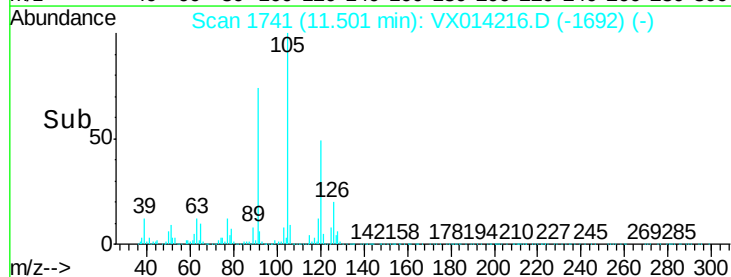
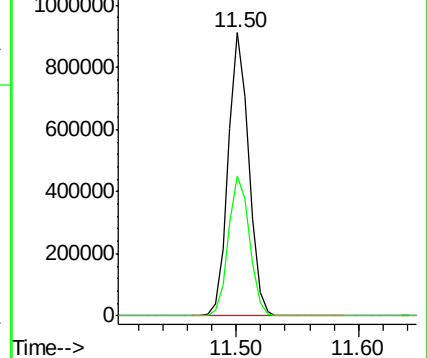
105 100

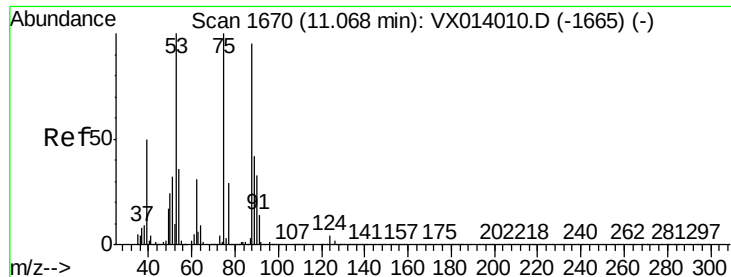
120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





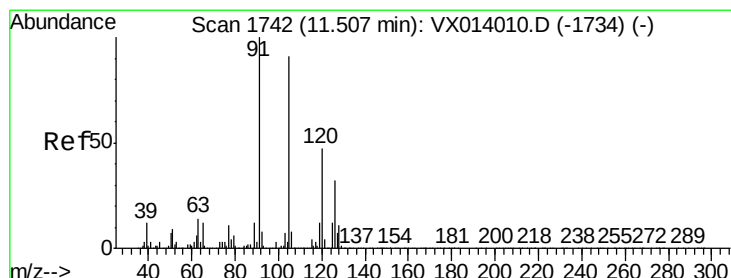
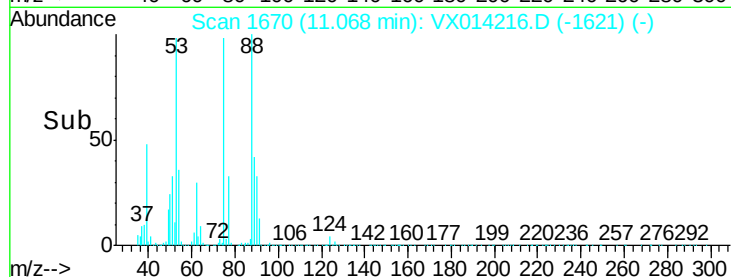
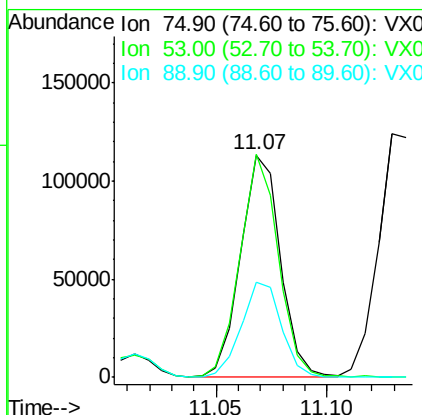
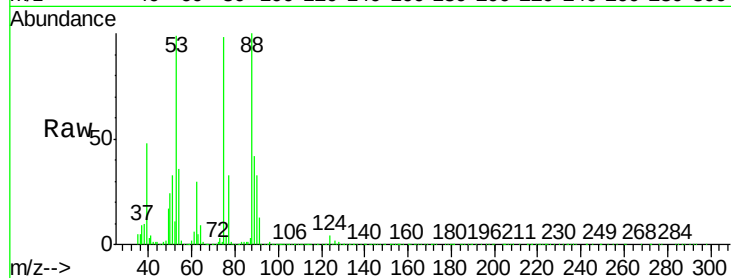
#81
trans-1,4-Dichloro-2-butene
Concen: 49.750 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	76.7	115.1
89	43.5	34.6	51.8

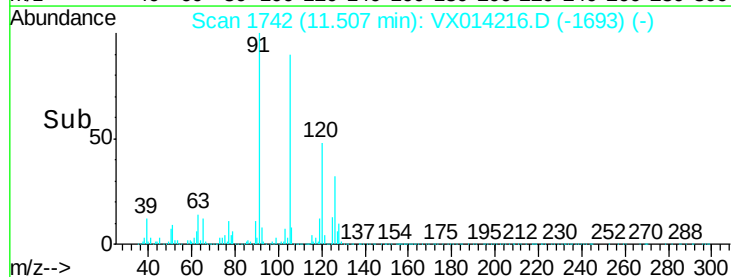
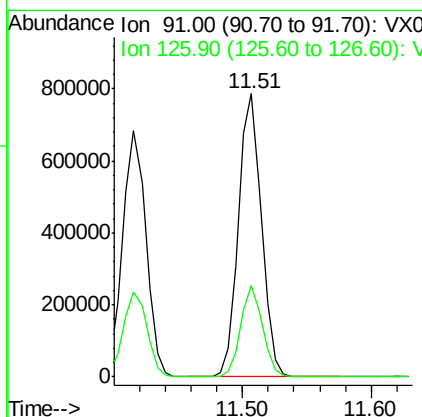
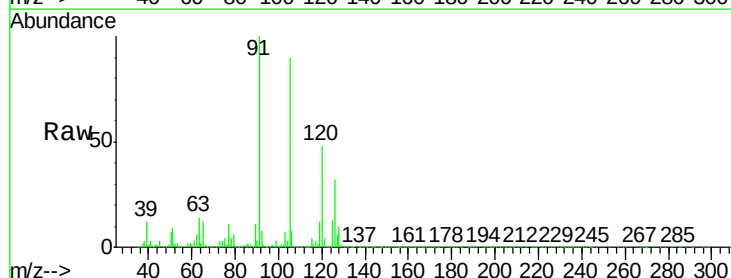
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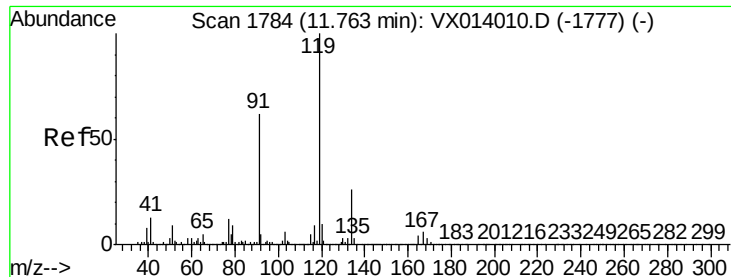
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#82
4-Chlorotoluene
Concen: 47.487 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





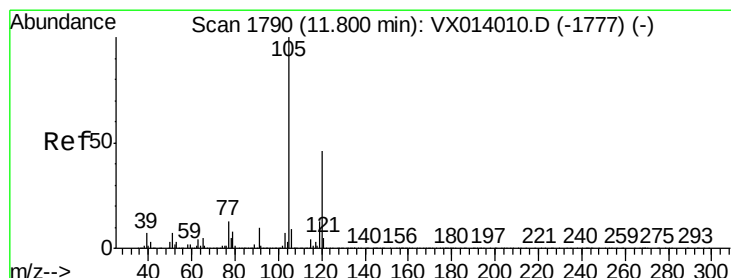
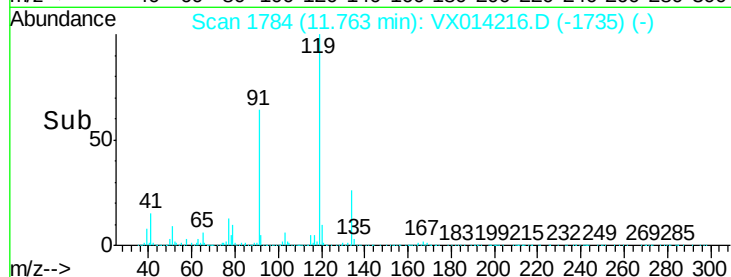
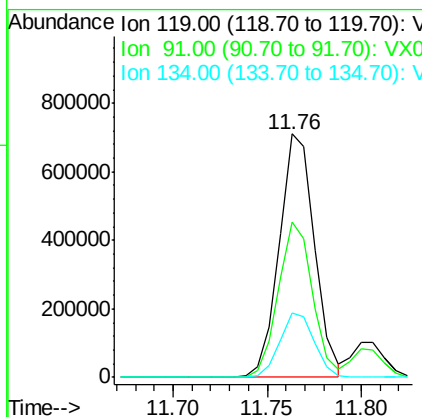
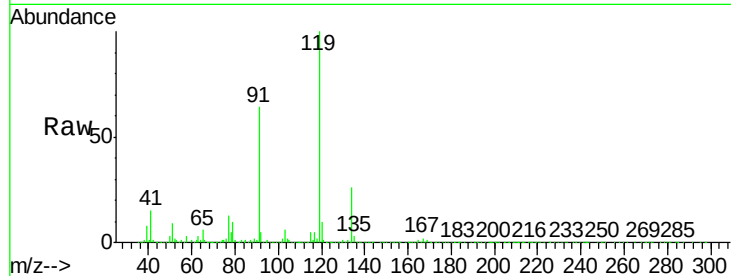
#83
 tert-Butylbenzene
 Concen: 43.061 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	28.5	85.6
134	26.1	12.2	36.6

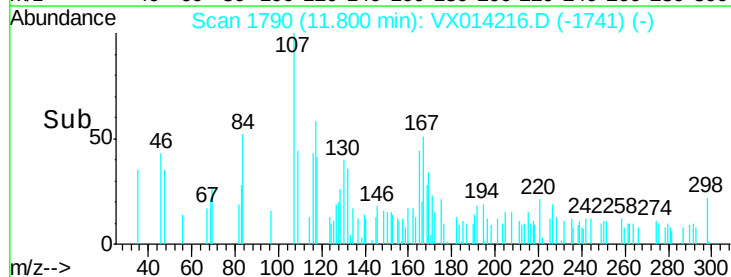
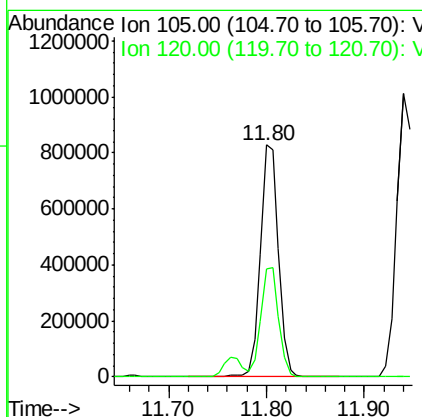
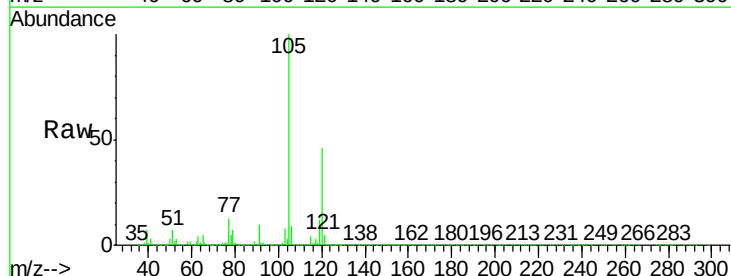
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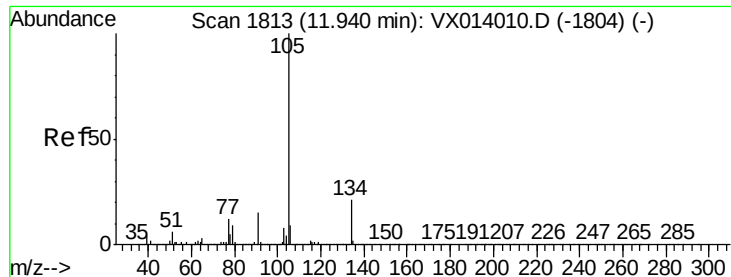
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.007 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.2





#85

sec-Butylbenzene

Concen: 48.441 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1217813

Ion Ratio Lower Upper

105 100

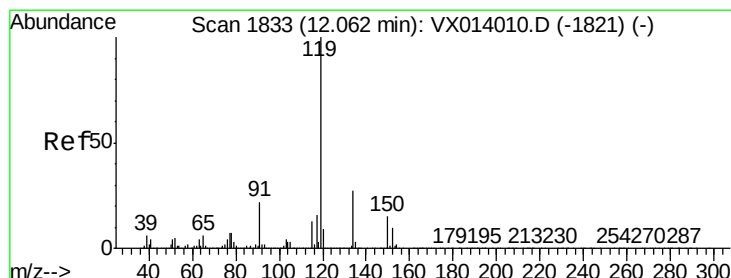
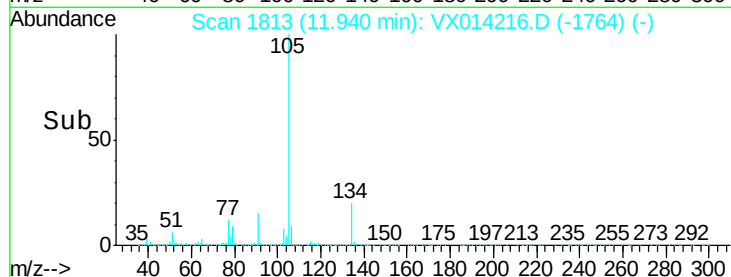
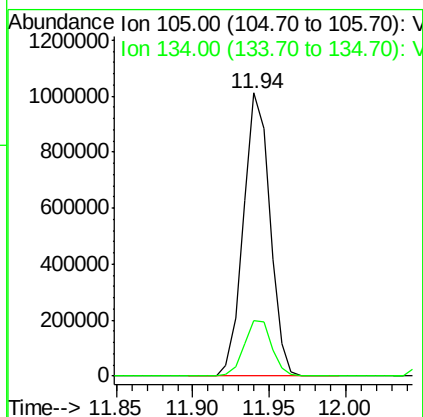
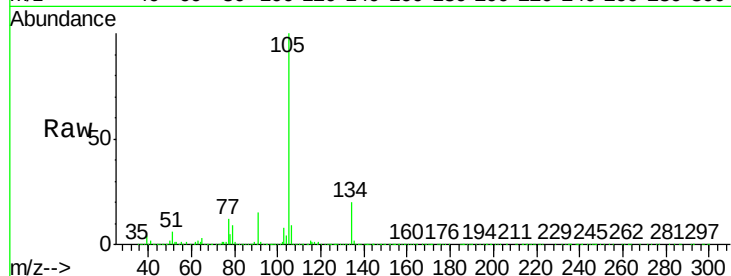
134 20.4 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 48.921 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

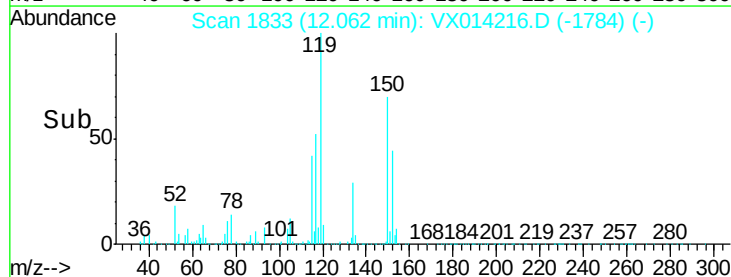
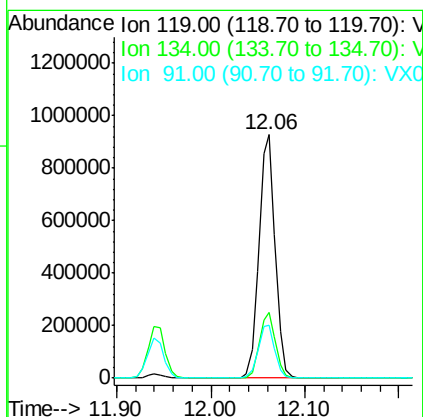
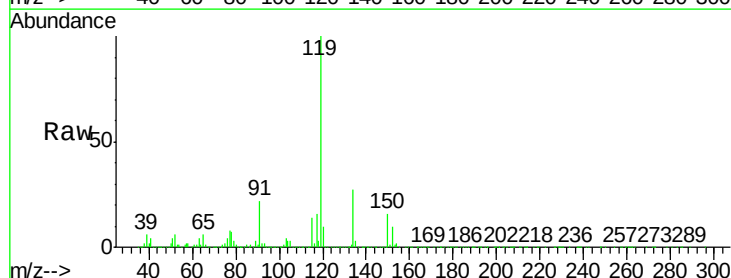
Tgt Ion:119 Resp: 1124995

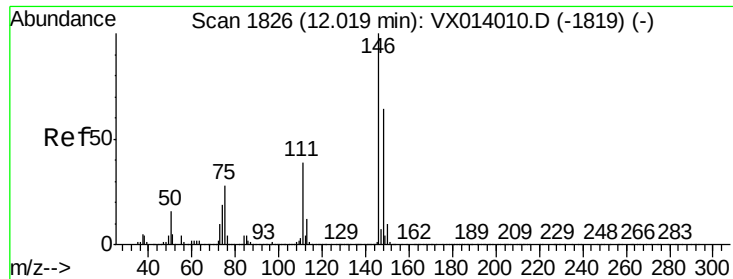
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 46.563 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

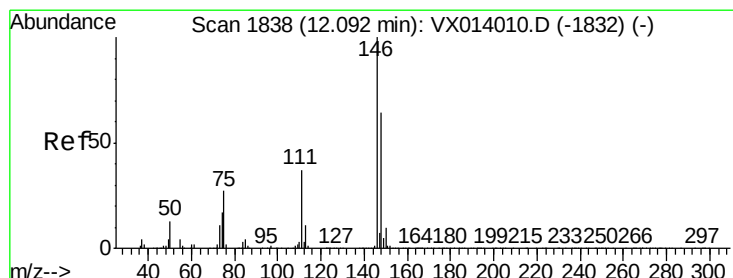
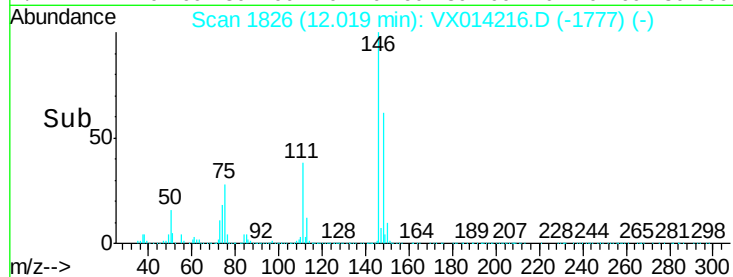
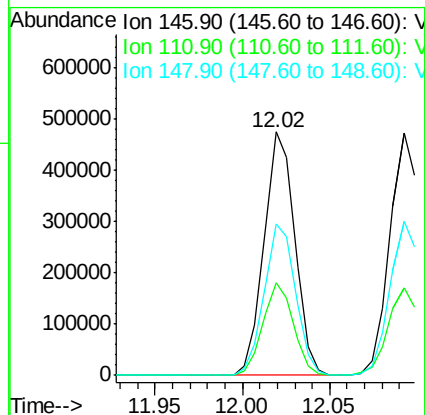
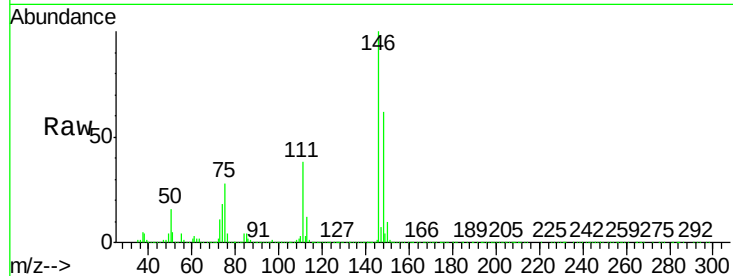
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	583811
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.1	57.1
148	63.3	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 45.225 ug/l

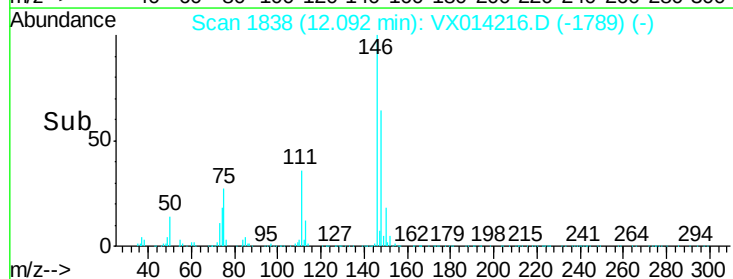
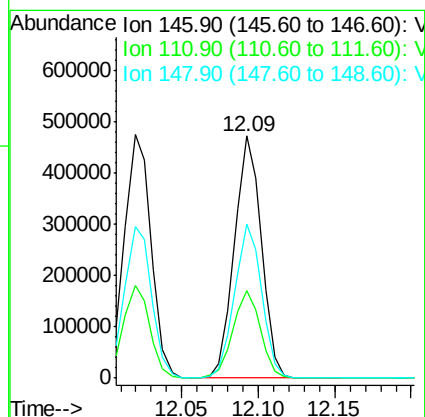
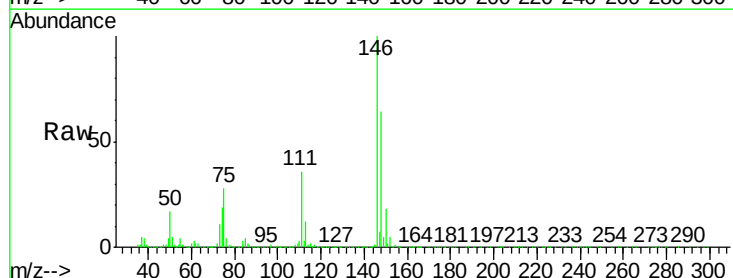
RT: 12.09 min Scan# 1838

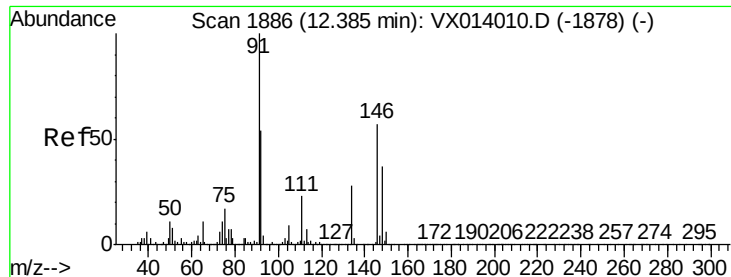
Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	146	Resp:	576555
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.7	56.1
148	64.2	31.9	95.9





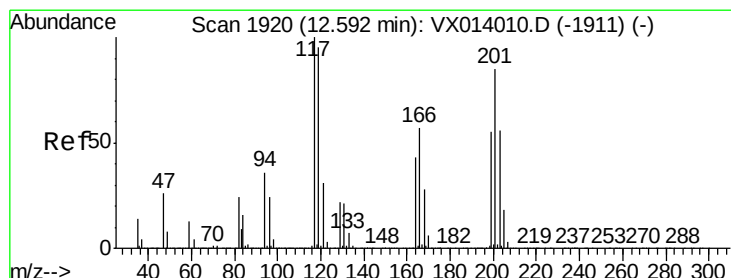
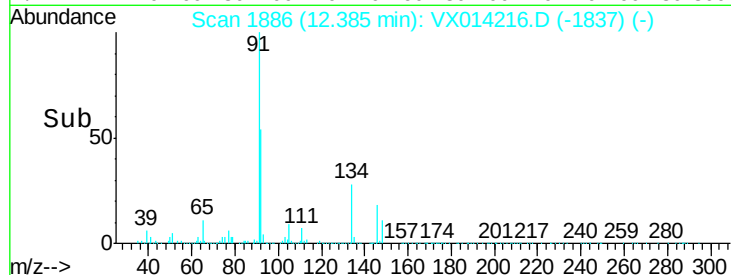
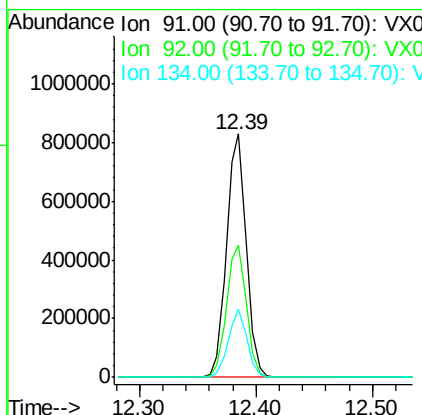
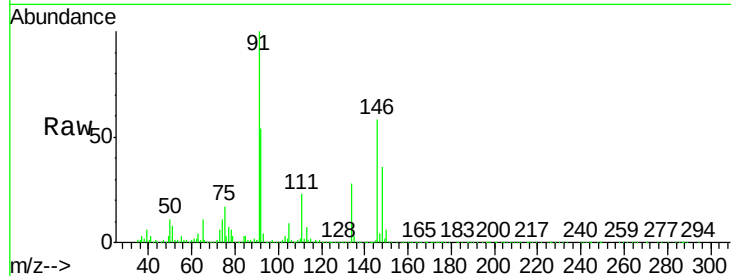
#89
n-Butylbenzene
Concen: 49.109 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.6
134	26.8	13.4	40.1

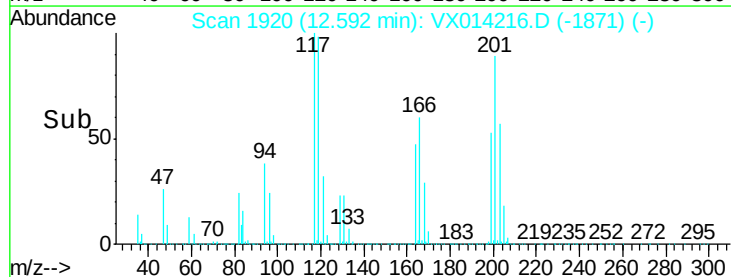
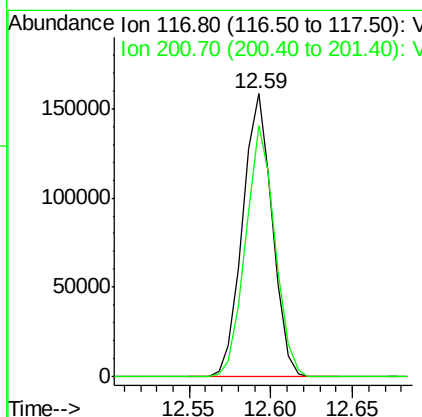
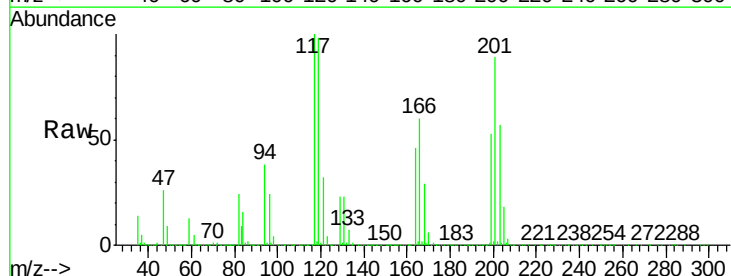
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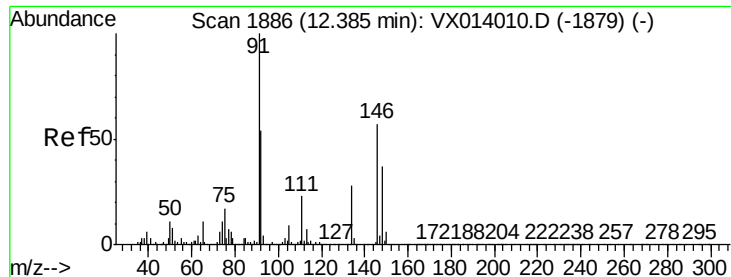
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#90
Hexachloroethane
Concen: 48.583 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	43.1	129.3





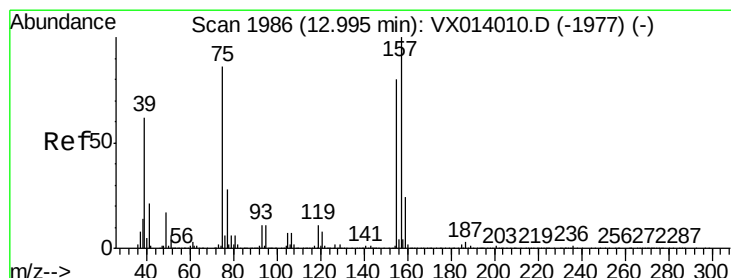
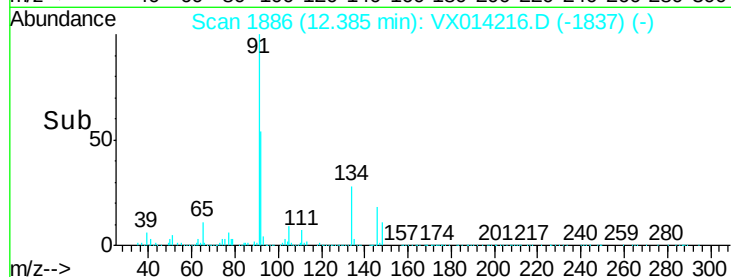
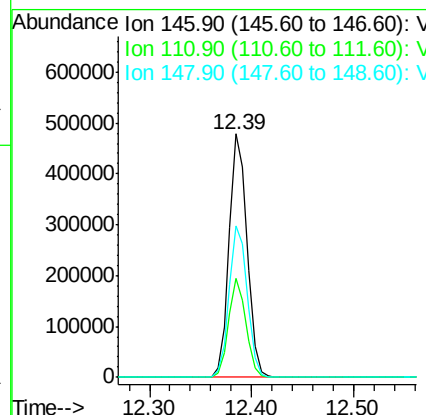
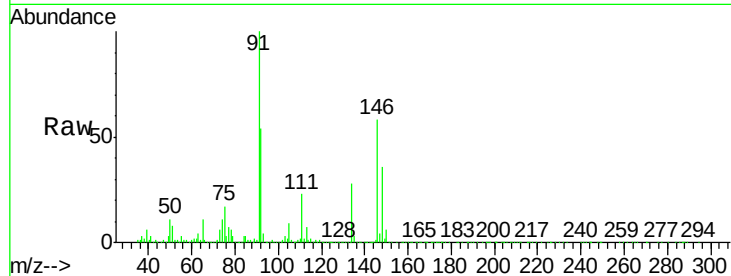
#91
 1,2-Dichlorobenzene
 Concen: 46.197 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	62.9	32.1	96.5

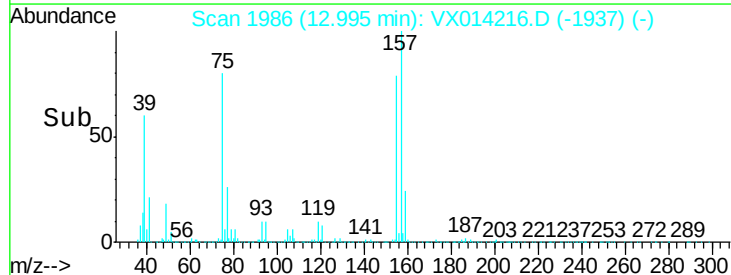
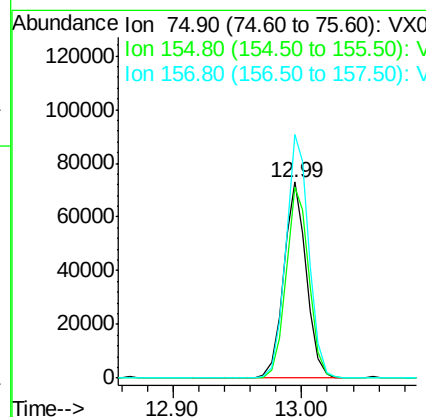
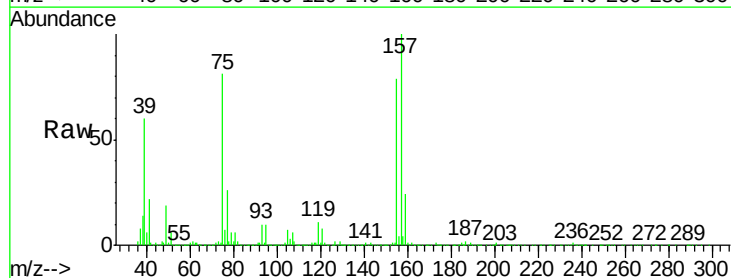
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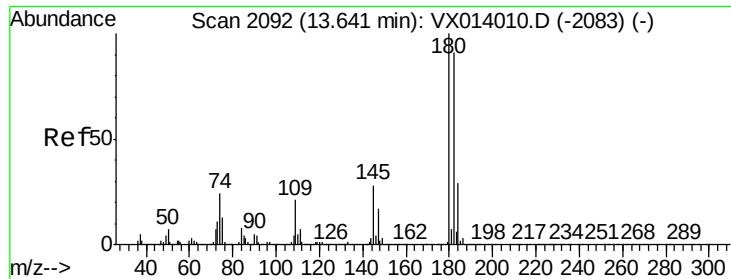
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.646 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	46.9	140.6
157	127.1	60.8	182.4





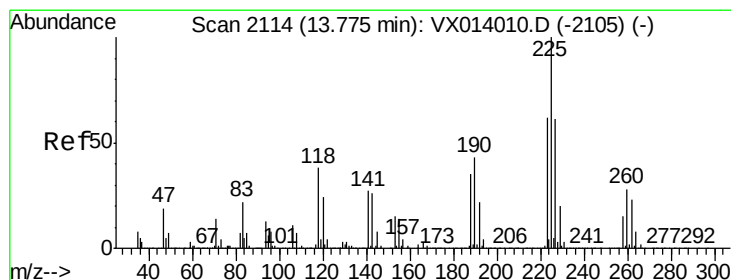
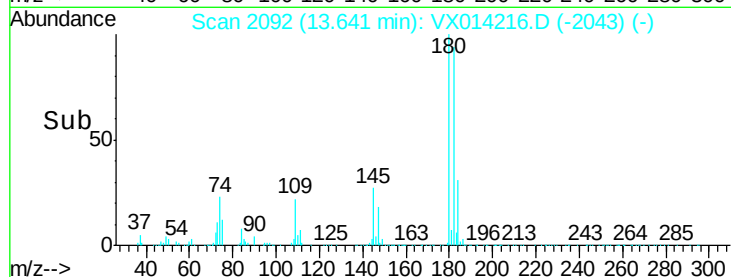
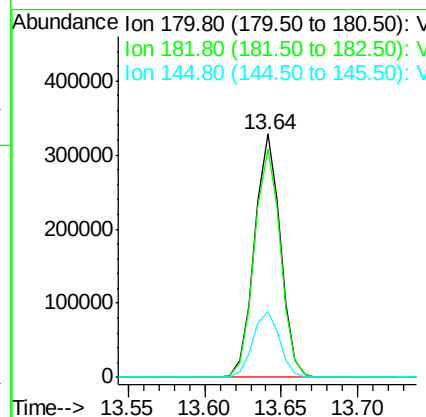
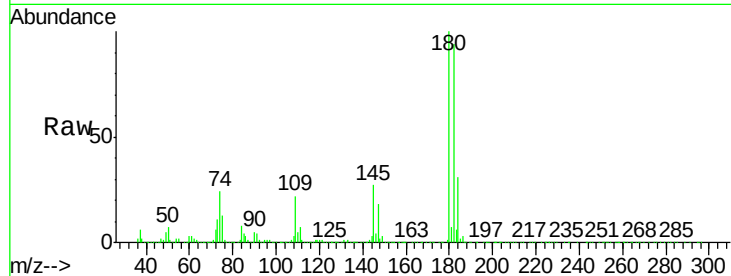
#93
 1,2,4-Trichlorobenzene
 Concen: 47.078 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	386204		
182	95.0	46.6	139.8	
145	28.3	14.2	42.6	

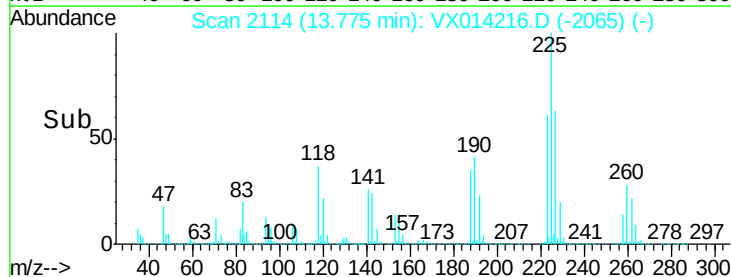
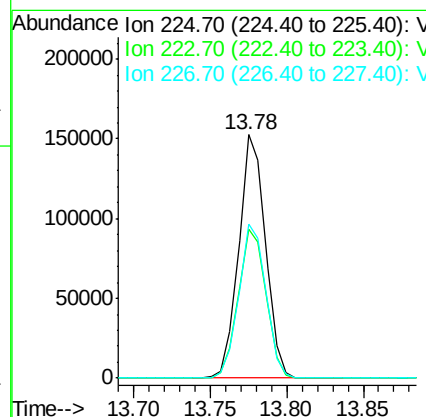
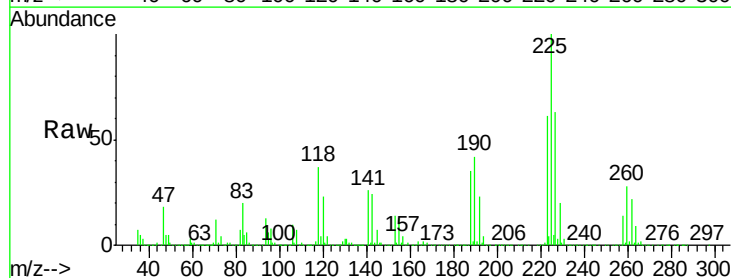
Manual Integrations
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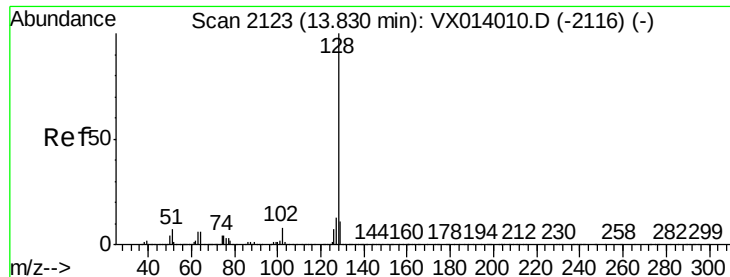
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#94
 Hexachlorobutadiene
 Concen: 46.550 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183525		
223	63.7	30.9	92.5	
227	64.5	30.9	92.7	





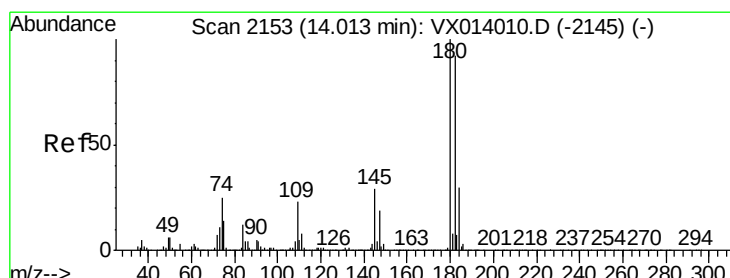
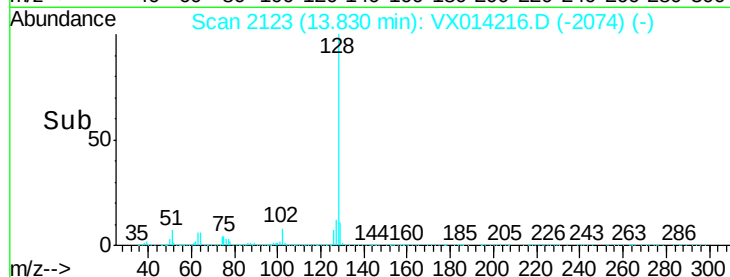
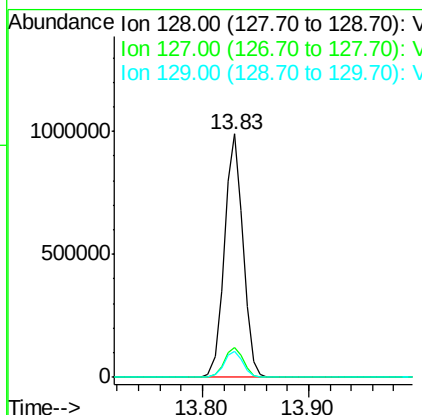
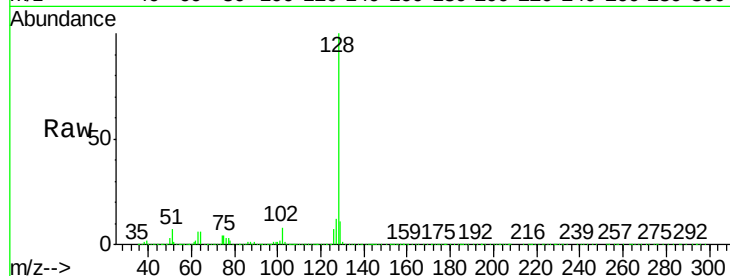
#95
Naphthalene
Concen: 50.001 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/24/2019 8:53:26 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.083 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.8	140.3
145	30.2	14.8	44.4

