

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010920\
 Data File : VX014498.D
 Acq On : 09 Jan 2020 15:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 1/10/2020 8:34:58 AM

Quant Time: Jan 09 16:01:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	515739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	764941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	700226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	360288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	280361	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.48	113	236131	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	922371	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.13	95	335619	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	341502	53.317	ug/l	98
3) Chloromethane	1.32	50	335737	51.070	ug/l	99
4) Vinyl Chloride	1.40	62	396517	54.128	ug/l	97
5) Bromomethane	1.63	94	215339	44.346	ug/l	96
6) Chloroethane	1.72	64	211903	53.165	ug/l	98
7) Trichlorofluoromethane	1.92	101	427938	51.497	ug/l	100
8) Diethyl Ether	2.18	74	185984	49.057	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	261408	51.706	ug/l	100
10) Methyl Iodide	2.50	142	285029	47.083	ug/l	98
11) Tert butyl alcohol	3.02	59	284147	236.369	ug/l	98
12) 1,1-Dichloroethene	2.37	96	256225	50.302	ug/l	99
13) Acrolein	2.28	56	225087	233.604	ug/l	100
14) Allyl chloride	2.72	41	460573	51.502	ug/l	99
15) Acrylonitrile	3.13	53	718940	247.792	ug/l	99
16) Acetone	2.43	43	766663	265.844	ug/l	99
17) Carbon Disulfide	2.56	76	709119	49.893	ug/l	99
18) Methyl Acetate	2.76	43	432834	52.307	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	853958	52.225	ug/l	100
20) Methylene Chloride	2.85	84	287289	49.602	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	280203	50.388	ug/l	99
22) Diisopropyl ether	3.84	45	931424	53.894	ug/l	96
23) Vinyl Acetate	3.80	43	3636990	271.816	ug/l	98
24) 1,1-Dichloroethane	3.69	63	497393	52.906	ug/l	99
25) 2-Butanone	4.65	43	1066329	247.947	ug/l	100
26) 2,2-Dichloropropane	4.57	77	418640	52.565	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	315129	50.693	ug/l	99
28) Bromochloromethane	5.00	49	198829	50.190	ug/l	97
29) Tetrahydrofuran	5.11	42	641036	252.108	ug/l	99
30) Chloroform	5.20	83	482064	52.473	ug/l	98
31) Cyclohexane	5.57	56	481907	54.762	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	414309	52.685	ug/l	100
36) 1,1-Dichloropropene	5.79	75	378348	52.595	ug/l	99
37) Ethyl Acetate	4.81	43	392311	50.208	ug/l	100
38) Carbon Tetrachloride	5.77	117	356493	53.853	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	498632	55.173	ug/l	96
40) Benzene	6.13	78	1141569	53.468	ug/l	98
41) Methacrylonitrile	5.02	41	221128	53.068	ug/l	99
42) 1,2-Dichloroethane	6.18	62	382747	51.272	ug/l	100
43) Isopropyl Acetate	6.43	43	665917	52.757	ug/l	100
44) Trichloroethene	7.20	130	320873	52.297	ug/l	99
45) 1,2-Dichloropropane	7.50	63	297301	54.618	ug/l	100
46) Dibromomethane	7.65	93	187966	49.475	ug/l	98
47) Bromodichloromethane	7.89	83	379676	54.922	ug/l	98
48) Methyl methacrylate	7.76	41	330299	54.636	ug/l	100
49) 1,4-Dioxane	7.73	88	118303	923.535	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	2010076	261.328	ug/l	99
52) Toluene	8.78	92	728910	53.333	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	433401	53.850	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	481858	55.424	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	286641	52.215	ug/l	97
56) Ethyl methacrylate	9.17	69	462124	54.947	ug/l	99
57) 1,3-Dichloropropane	9.36	76	486060	52.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	744436	260.157	ug/l	99
59) 2-Hexanone	9.48	43	1568005	257.638	ug/l	100
60) Dibromochloromethane	9.57	129	308891	55.982	ug/l	99
61) 1,2-Dibromoethane	9.67	107	301012	51.764	ug/l	100
64) Tetrachloroethene	9.33	164	329776	46.991	ug/l	98
65) Chlorobenzene	10.13	112	784397	51.619	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	287428	53.001	ug/l	100
67) Ethyl Benzene	10.25	91	1389019	53.628	ug/l	100
68) m/p-Xylenes	10.35	106	1069130	106.994	ug/l	99
69) o-Xylene	10.70	106	517644	54.295	ug/l	98
70) Styrene	10.71	104	891381	54.177	ug/l	99
71) Bromoform	10.85	173	236405	53.281	ug/l	100
73) Isopropylbenzene	11.01	105	1377512	54.447	ug/l	99
74) N-amyl acetate	10.89	43	599563	53.715	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	425950	52.498	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	355424m	47.680	ug/l	
77) Bromobenzene	11.25	156	354437	50.517	ug/l	99
78) n-propylbenzene	11.35	91	1590926	54.907	ug/l	99
79) 2-Chlorotoluene	11.42	91	915708	53.027	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1150850	54.789	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	149847	53.145	ug/l	98
82) 4-Chlorotoluene	11.51	91	1066520	52.615	ug/l	99
83) tert-Butylbenzene	11.76	119	1094715	55.158	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1158681	54.591	ug/l	100
85) sec-Butylbenzene	11.94	105	1348344	54.649	ug/l	100
86) p-Isopropyltoluene	12.06	119	1246440	54.442	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	636673	50.563	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	644022	54.494	ug/l	99
89) n-Butylbenzene	12.38	91	1126256	53.802	ug/l	100
90) Hexachloroethane	12.59	117	221838	55.161	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	632743	51.289	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	90867	49.789	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	464592	53.666	ug/l	99
94) Hexachlorobutadiene	13.77	225	218791	53.948	ug/l	99
95) Naphthalene	13.83	128	1313147	48.862	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	451487	53.149	ug/l	99

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

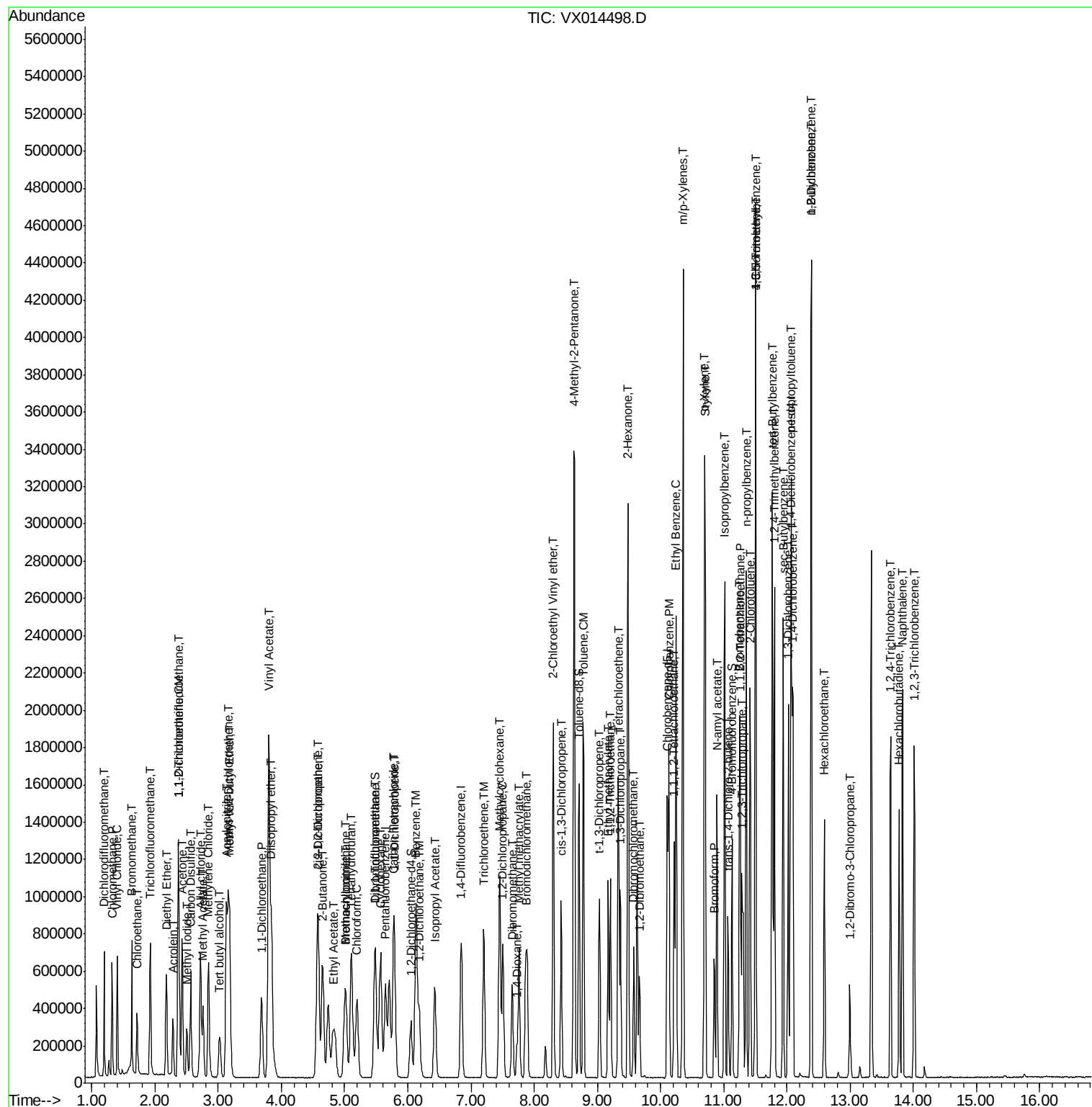
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014498.D
 Acq On : 09 Jan 2020 15:36
 Operator : JC/SP
 Sample : VSTDCCC050
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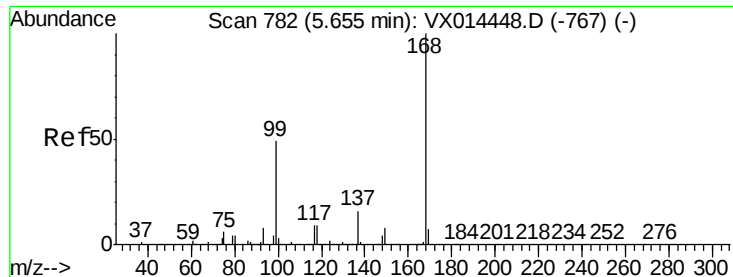
Instrument :
 MSVOA_X
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#1

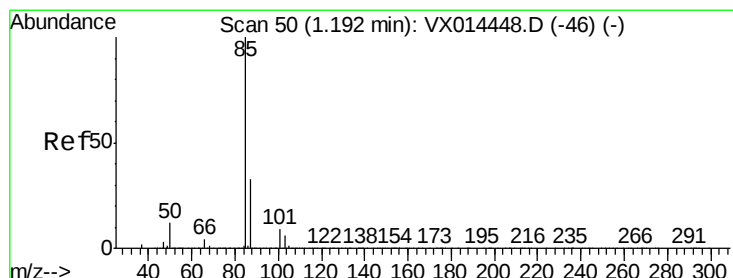
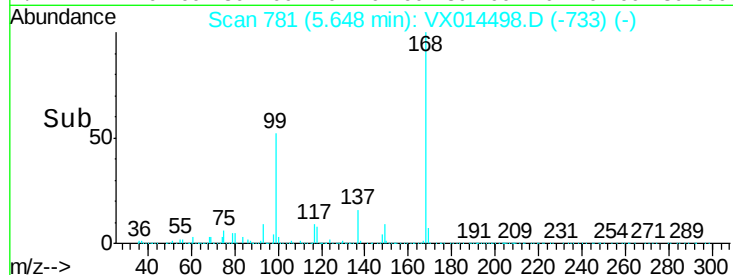
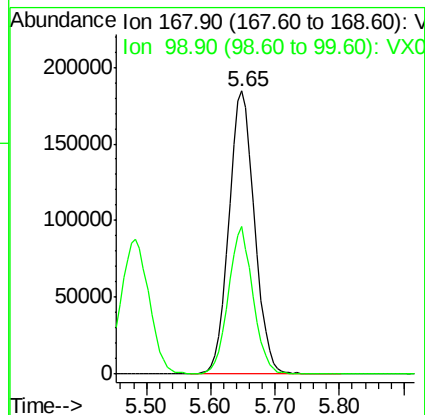
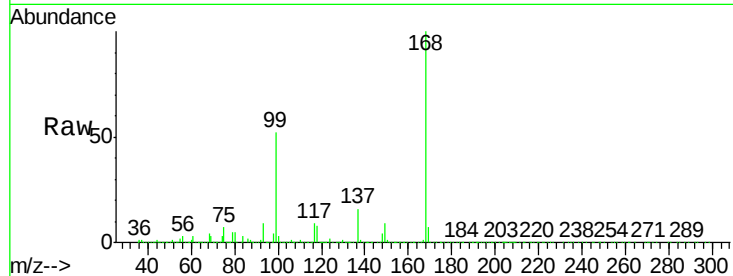
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.1	39.2	58.8

Manual Integrations
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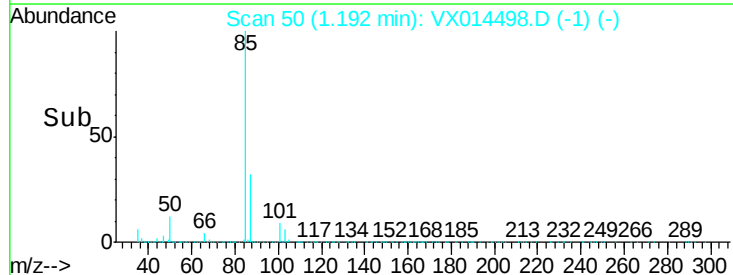
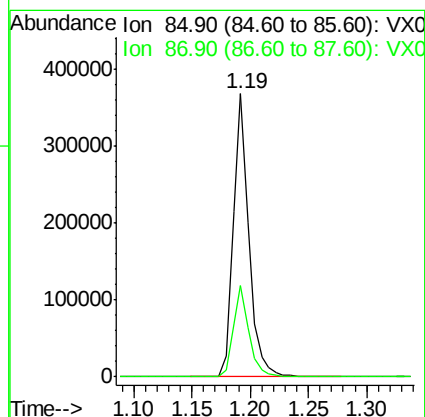
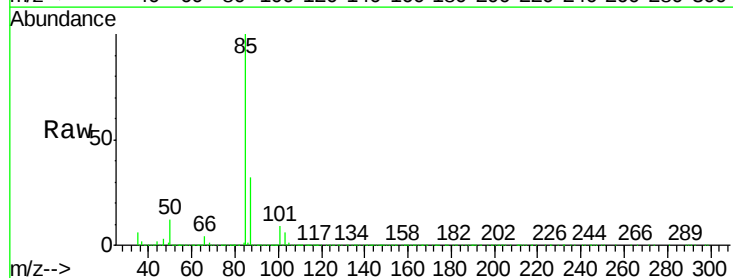
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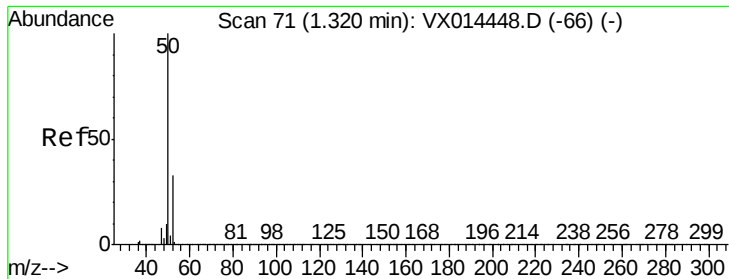


#2

Dichlorodifluoromethane
Concen: 53.317 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.5	49.5





#3

Chloromethane

Concen: 51.070 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 335737

Ion Ratio Lower Upper

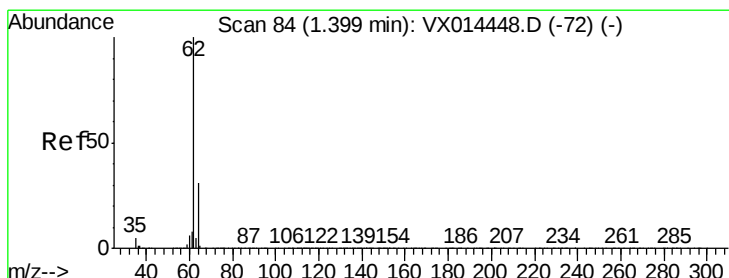
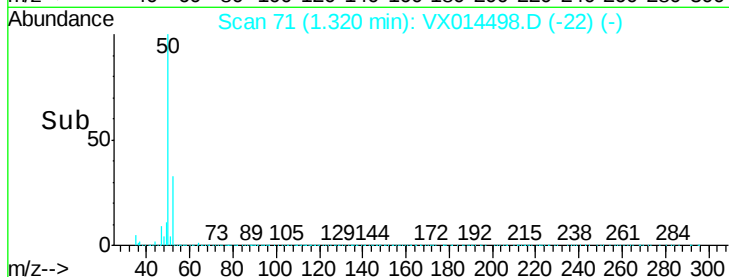
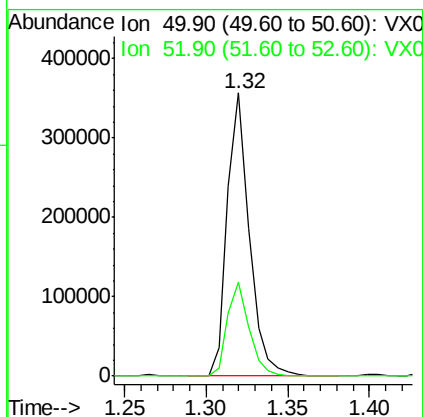
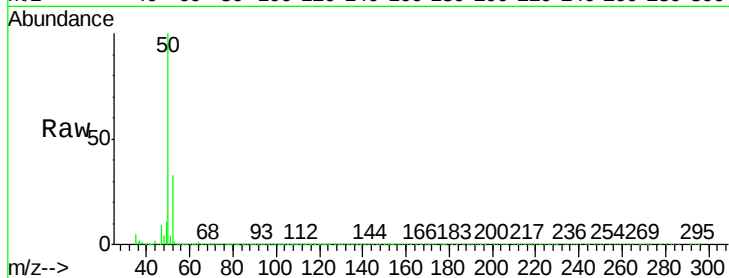
50 100

52 33.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 54.128 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014498.D

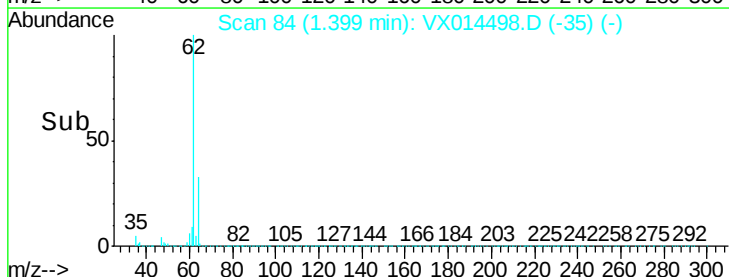
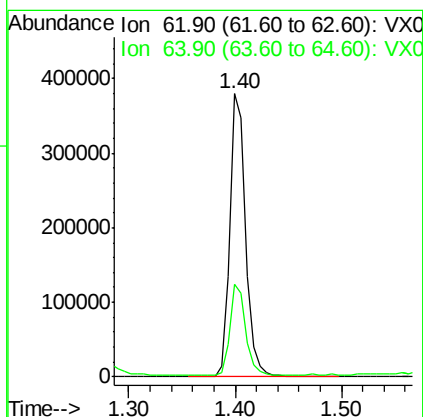
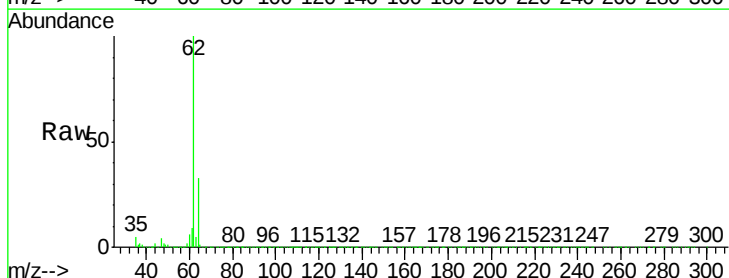
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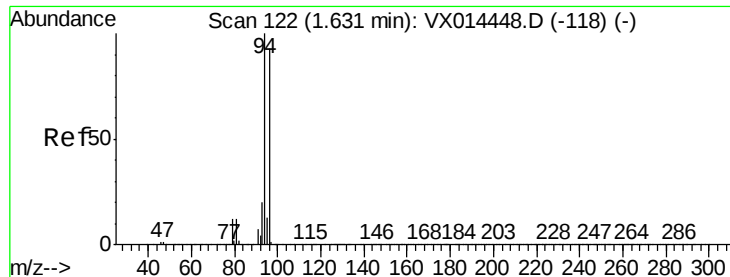
Tgt Ion: 62 Resp: 396517

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





#5

Bromomethane

Concen: 44.346 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 215339

Ion Ratio Lower Upper

94 100

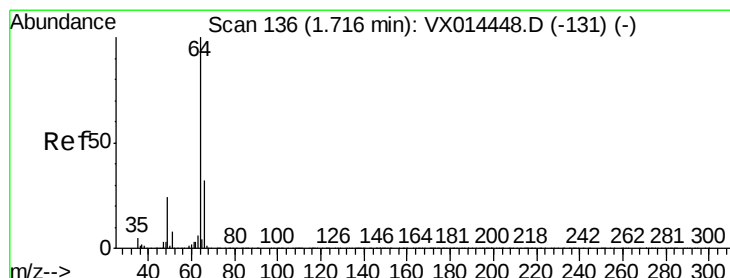
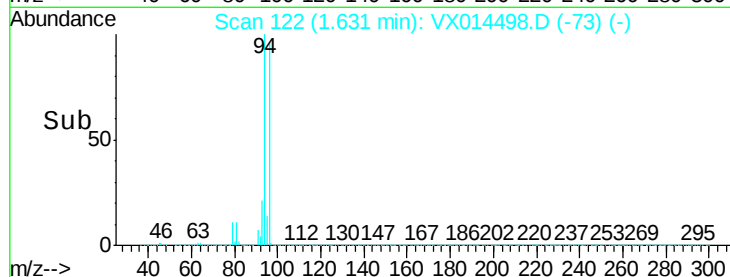
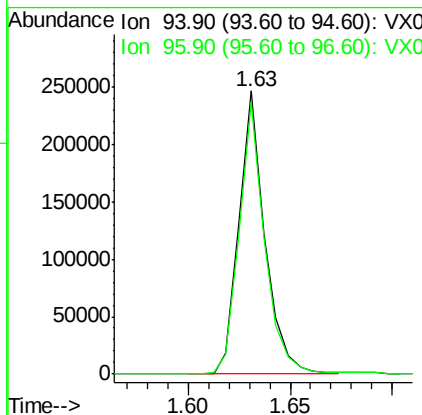
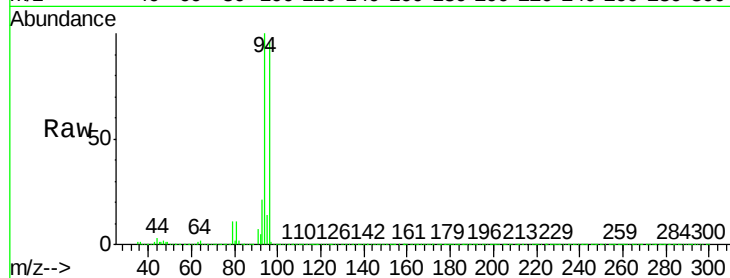
96 96.1 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 53.165 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014498.D

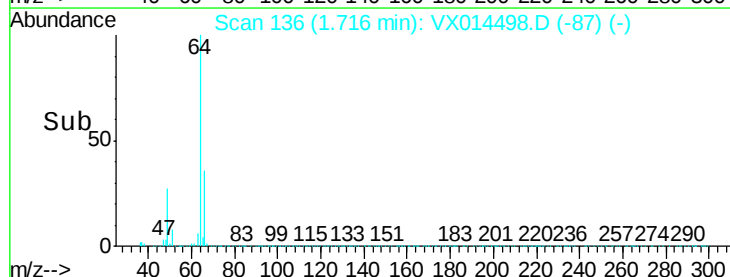
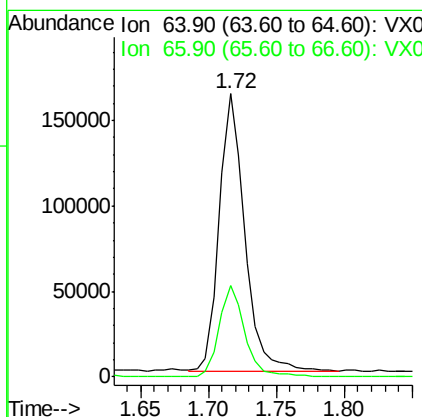
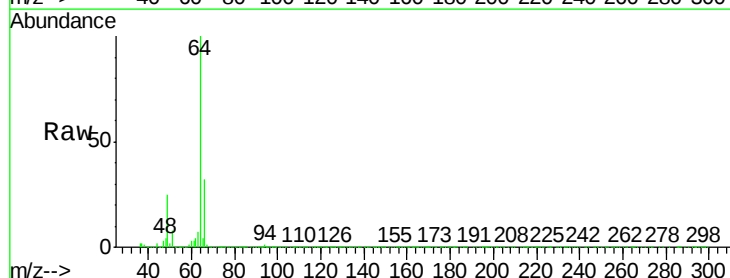
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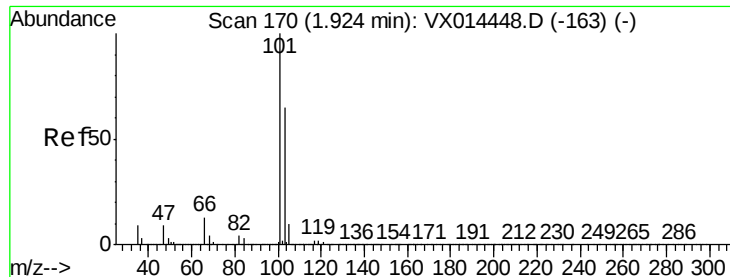
Tgt Ion: 64 Resp: 211903

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9





#7

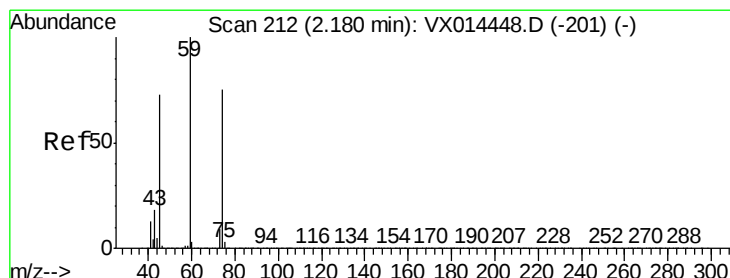
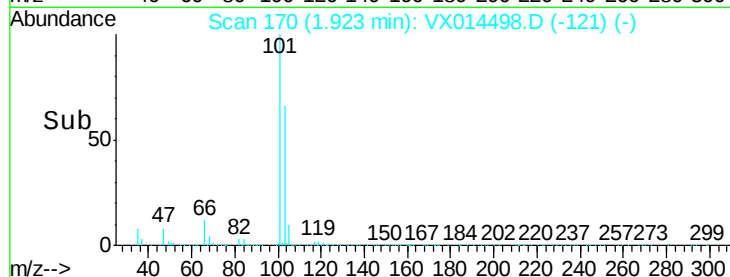
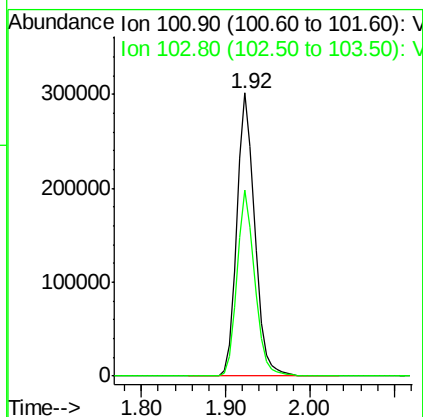
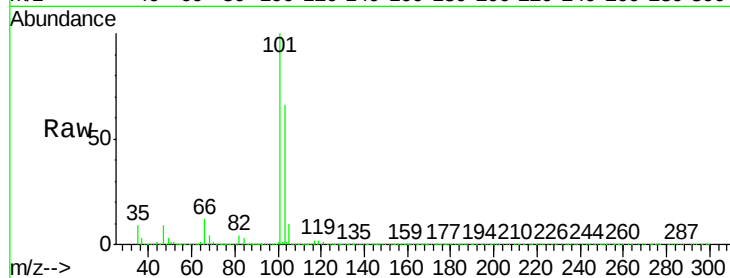
Trichlorofluoromethane
Concen: 51.497 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.2	78.4

Manual Integrations
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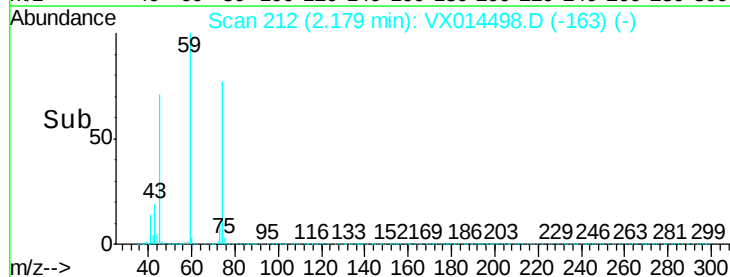
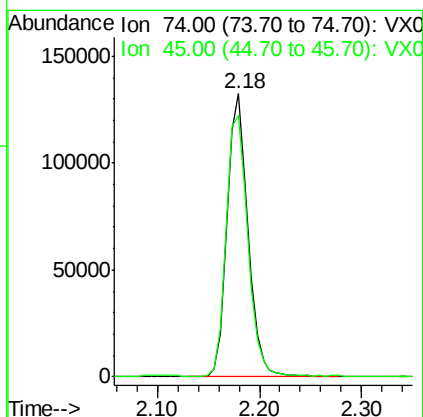
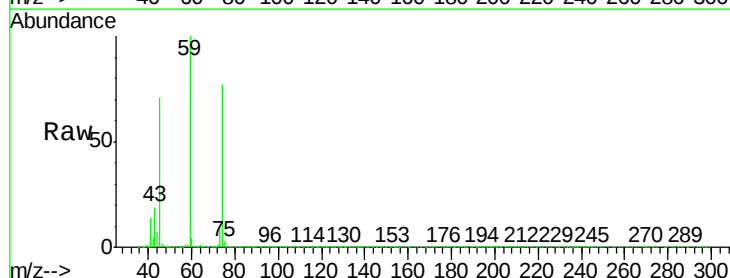
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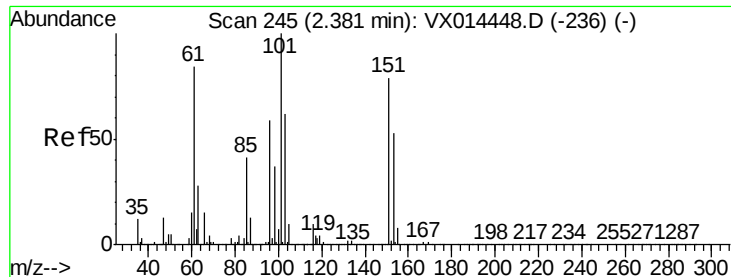


#8

Diethyl Ether
Concen: 49.057 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.706 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014498.D

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MSVOA_X

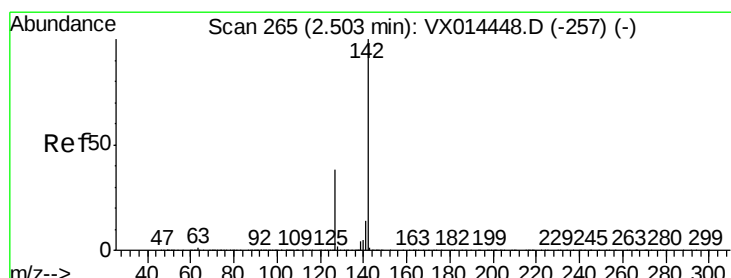
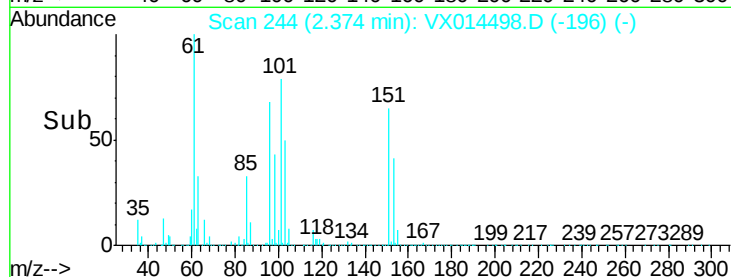
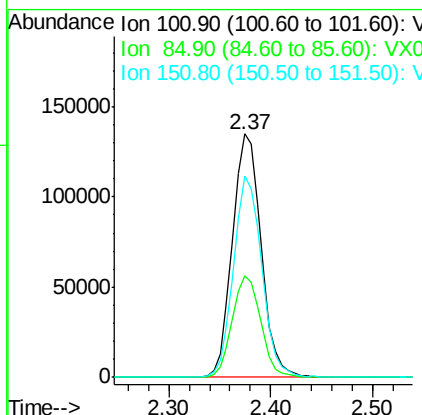
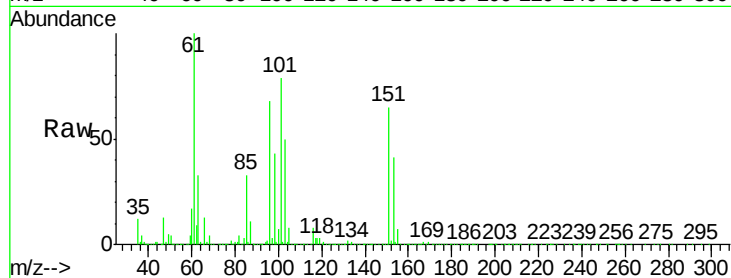
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	261408
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.8	50.8
151	81.8	65.3	97.9

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#10

Methyl Iodide

Concen: 47.083 ug/l

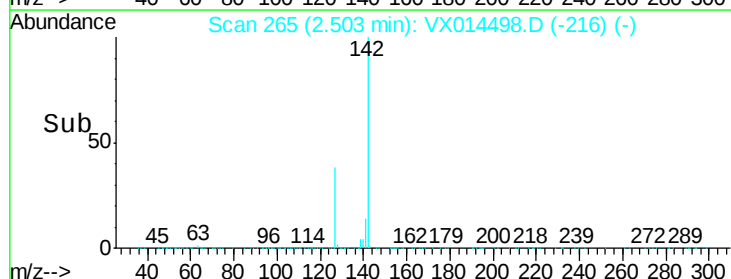
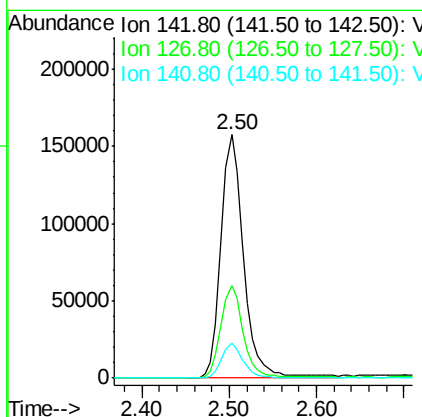
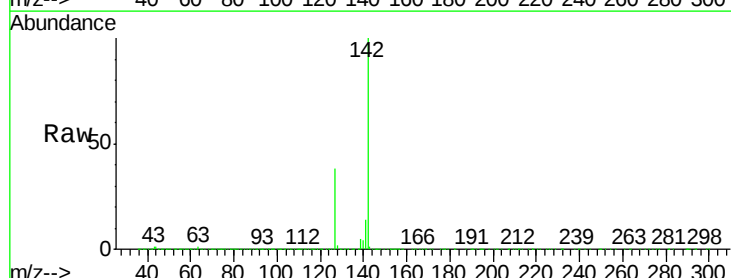
RT: 2.50 min Scan# 265

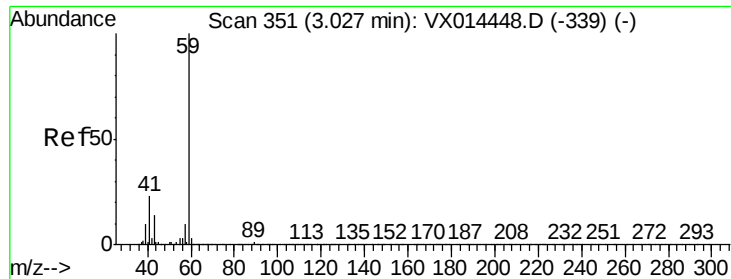
Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Tgt Ion:	142	Resp:	285029
Ion Ratio	Lower	Upper	
142	100		
127	37.7	31.2	46.8
141	13.7	11.4	17.2





#11

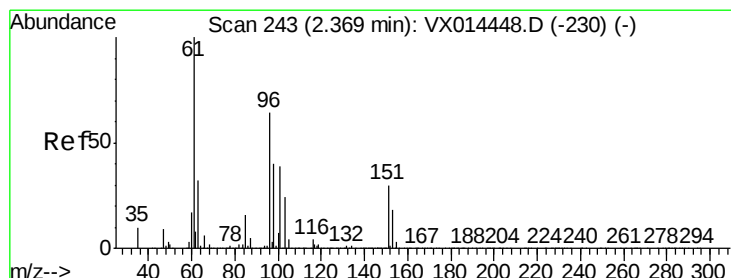
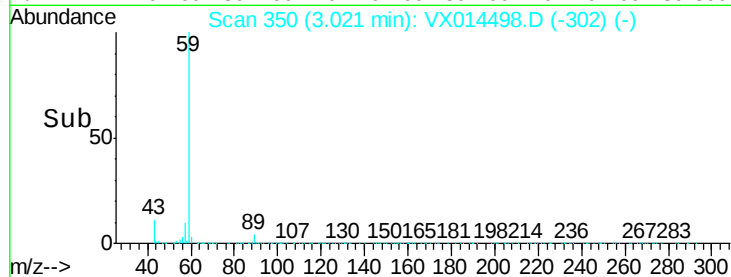
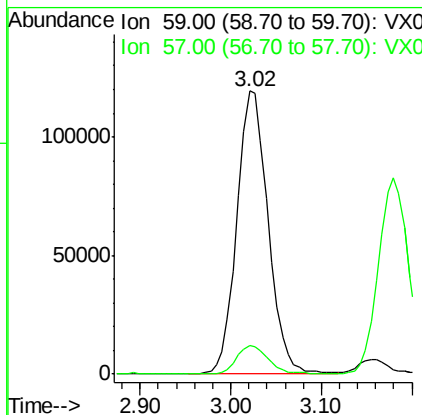
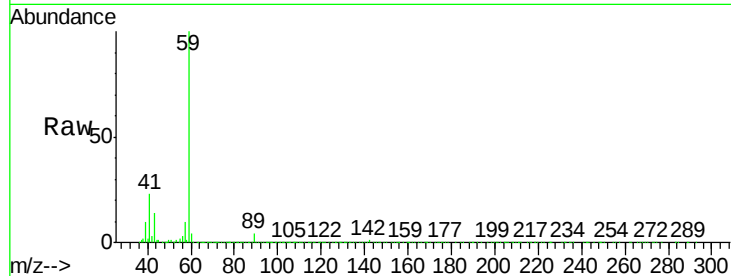
Tert butyl alcohol
 Concen: 236.369 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

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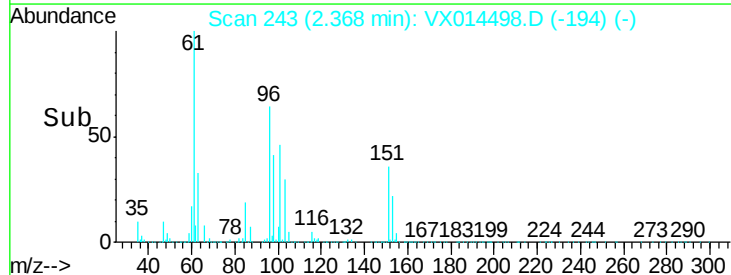
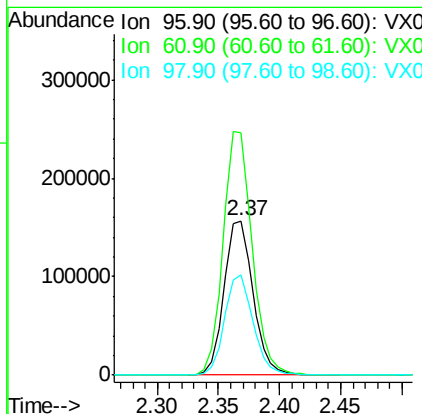
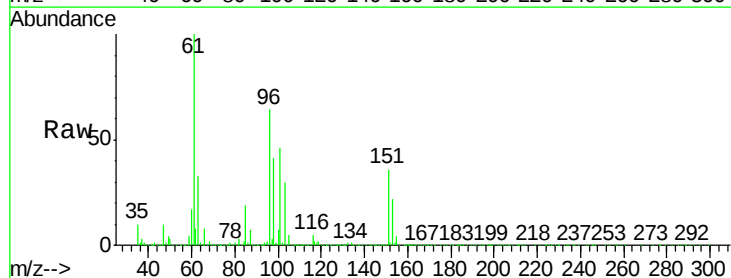
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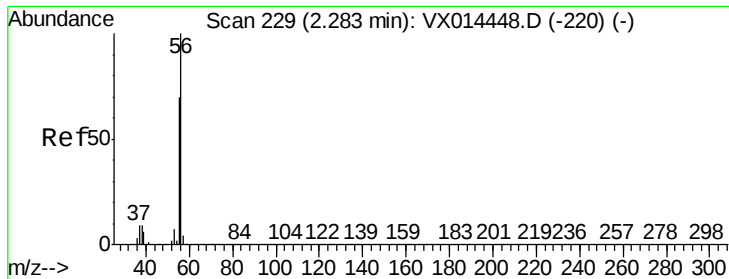


#12

1,1-Dichloroethene
 Concen: 50.302 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	125.0	187.6
98	64.6	50.2	75.2





#13

Acrolein

Concen: 233.604 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 225087

Ion Ratio Lower Upper

56 100

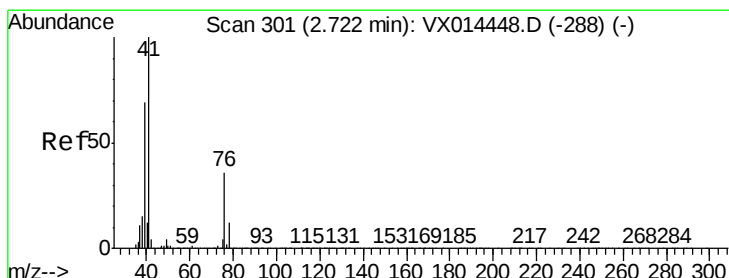
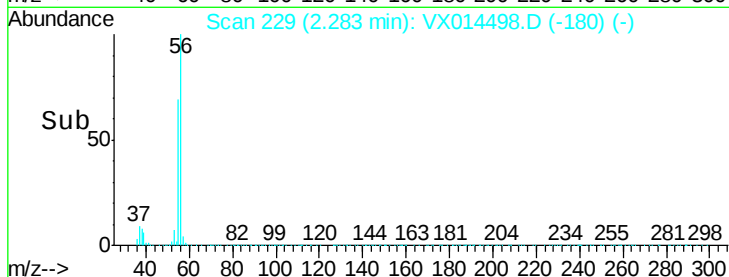
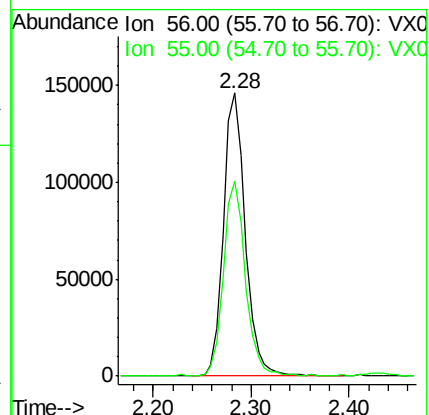
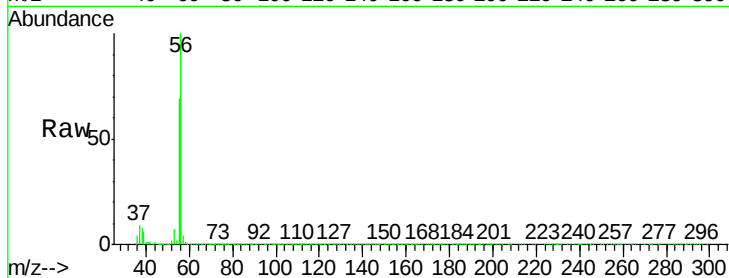
55 68.9 55.0 82.6

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#14

Allyl chloride

Concen: 51.502 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

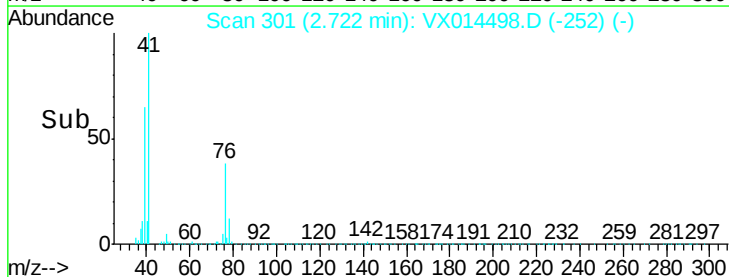
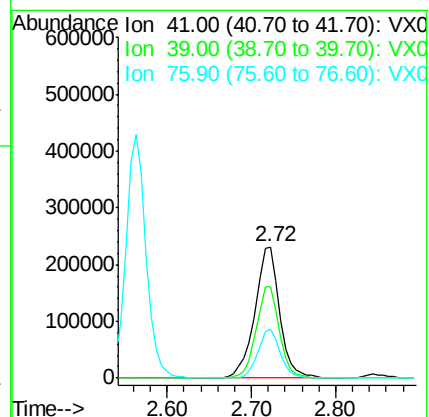
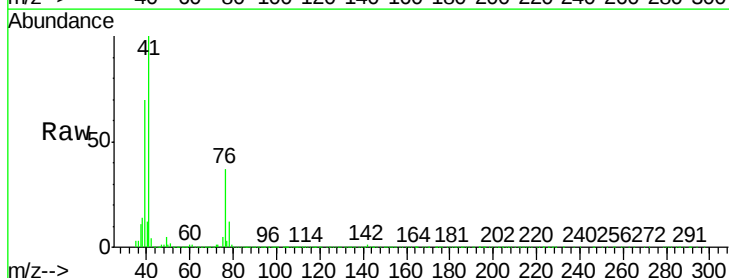
Tgt Ion: 41 Resp: 460573

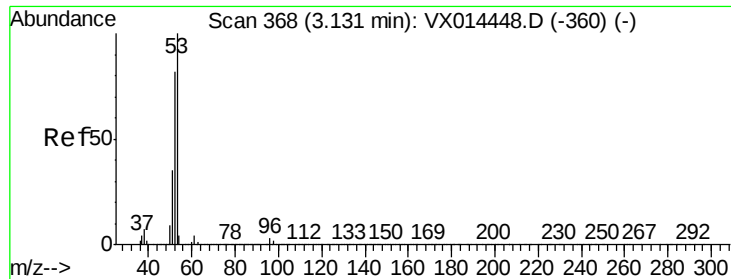
Ion Ratio Lower Upper

41 100

39 65.1 51.7 77.5

76 32.9 26.8 40.2





#15

Acrylonitrile

Concen: 247.792 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

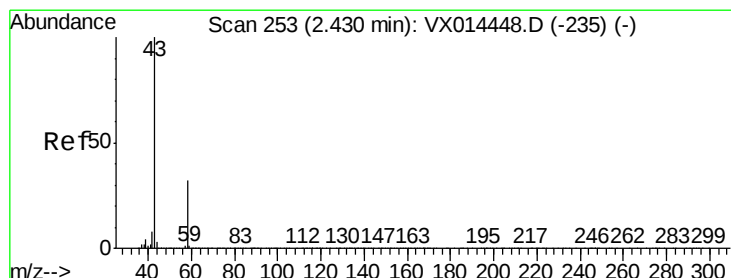
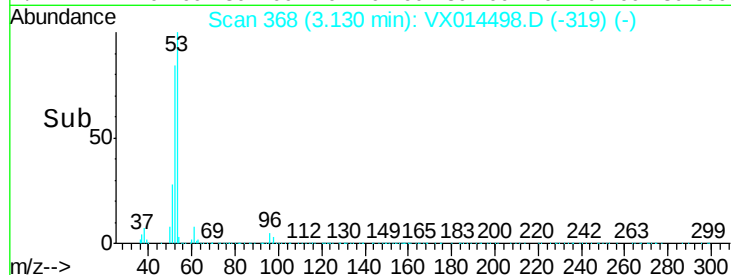
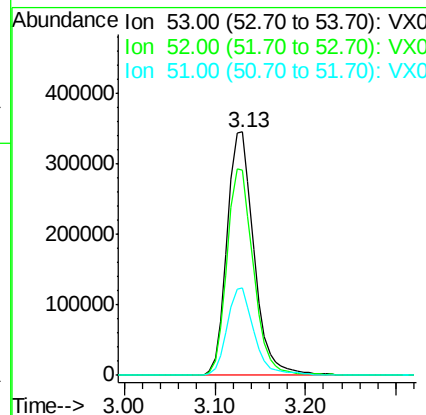
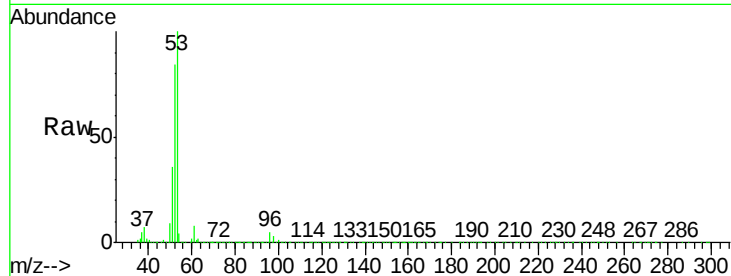
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	718940
Ion Ratio	Lower	Upper	
53	100		
52	83.1	67.0	100.4
51	35.7	28.5	42.7

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#16

Acetone

Concen: 265.844 ug/l

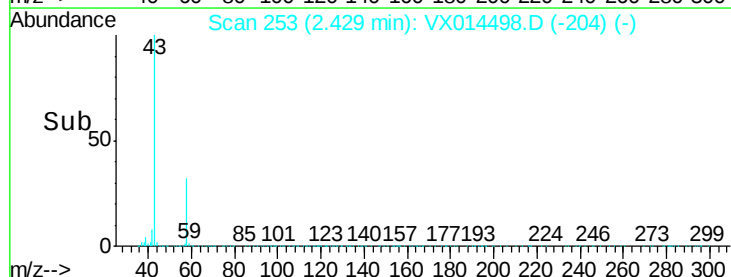
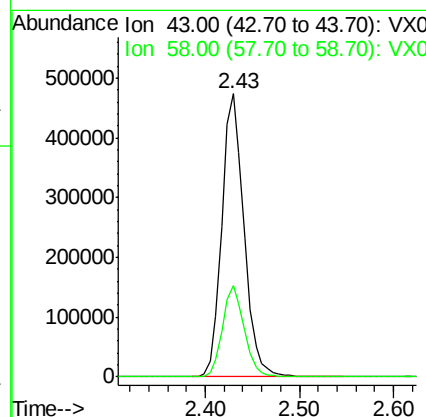
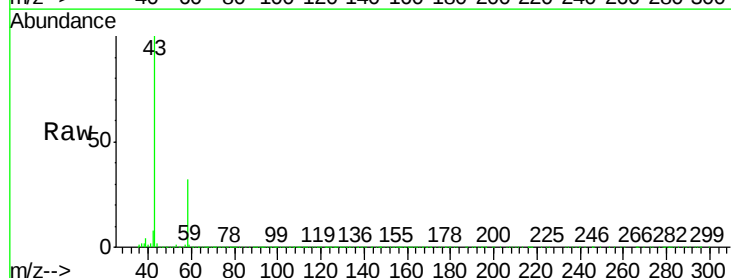
RT: 2.43 min Scan# 253

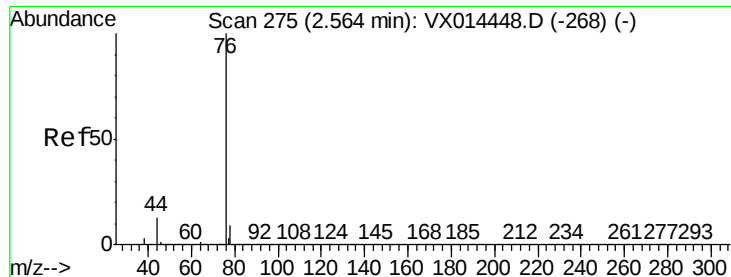
Delta R.T. 0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Tgt Ion:	43	Resp:	766663
Ion Ratio	Lower	Upper	
43	100		
58	32.2	25.4	38.0





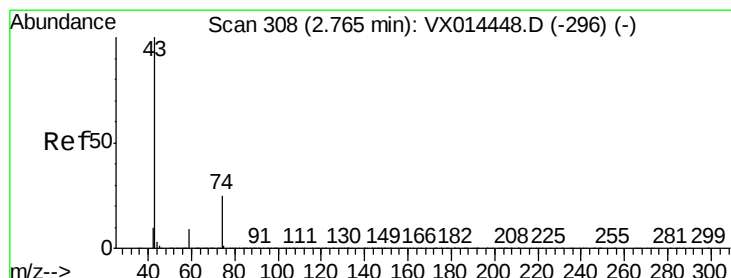
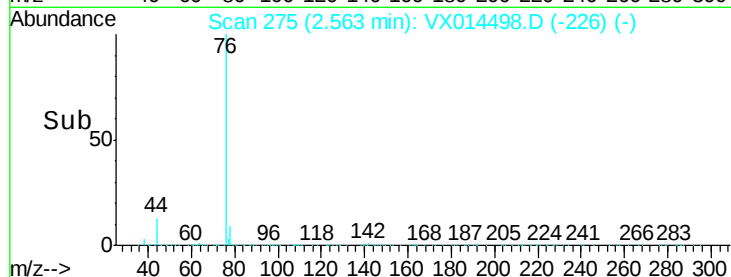
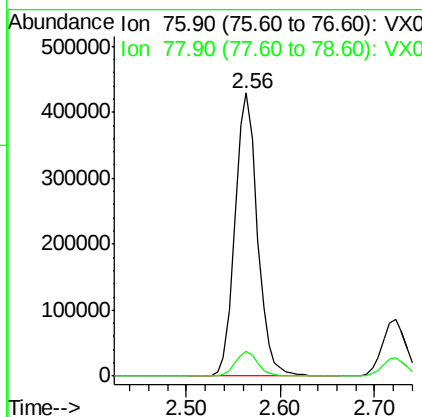
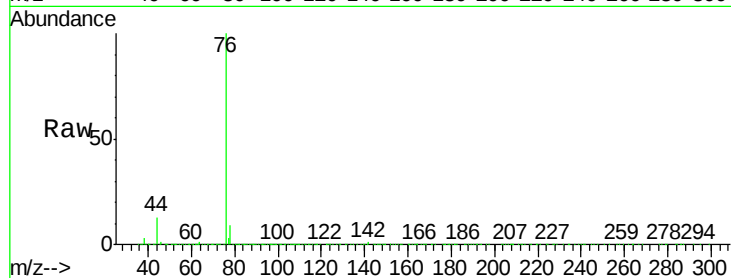
#17
Carbon Disulfide
Concen: 49.893 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

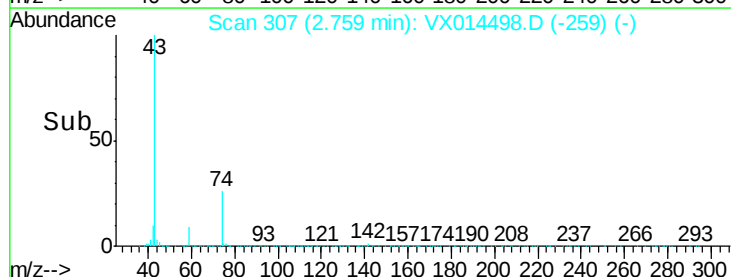
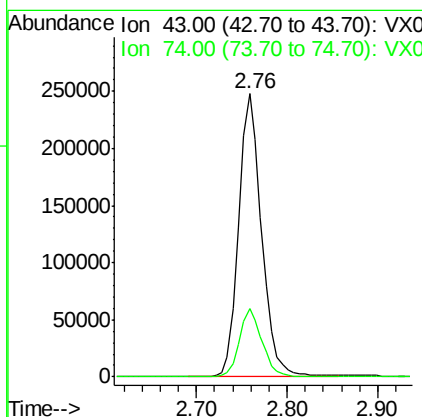
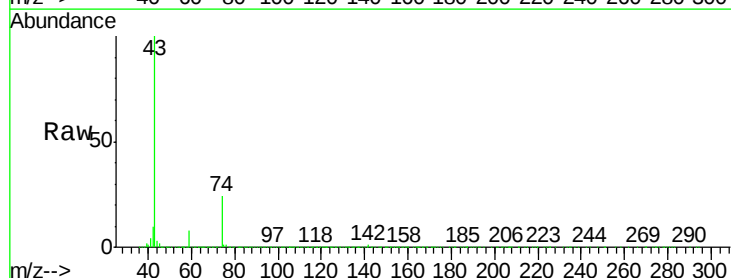
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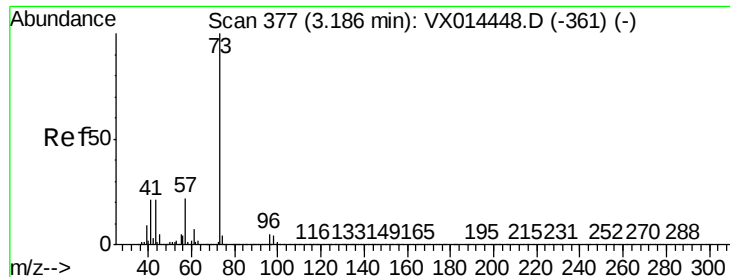
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#18
Methyl Acetate
Concen: 52.307 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.2





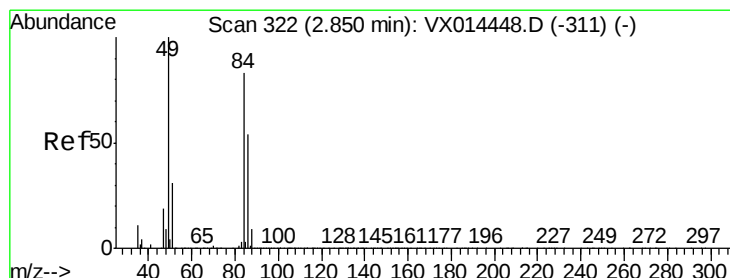
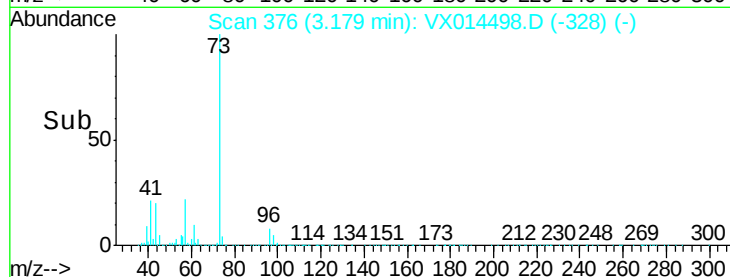
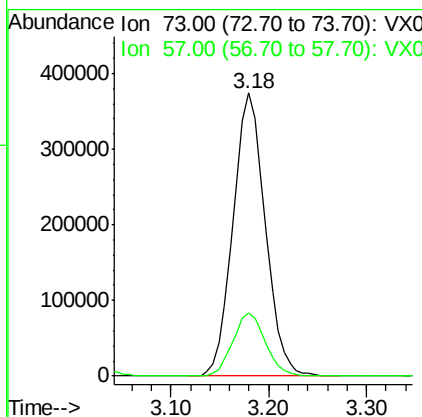
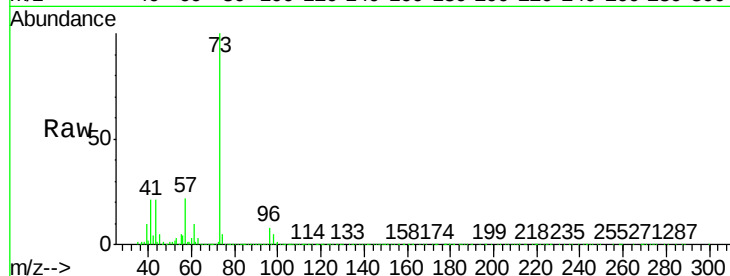
#19
Methvl tert-butvl Ether
Concen: 52.225 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.8

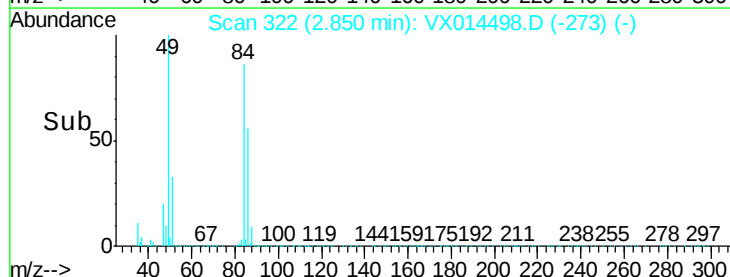
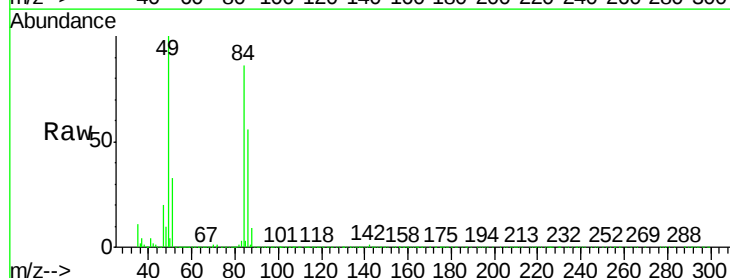
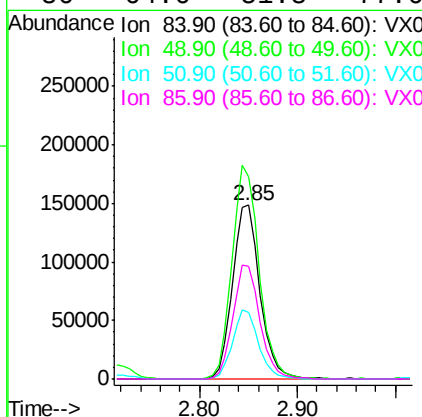
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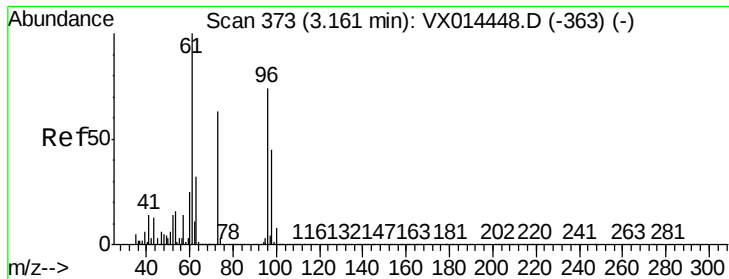
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#20
Methylene Chloride
Concen: 49.602 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.8	95.8	143.8
51	37.8	30.2	45.4
86	64.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 50.388 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

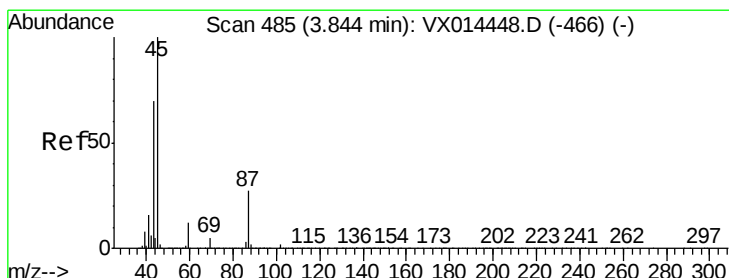
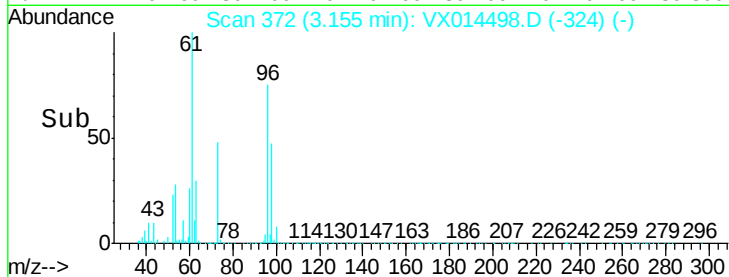
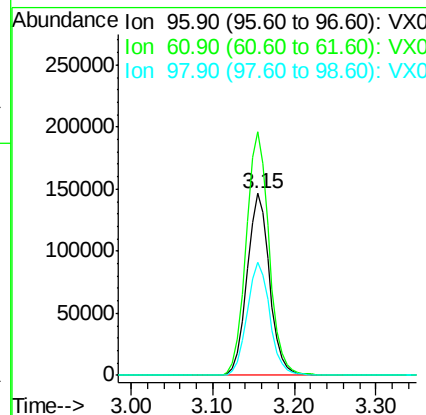
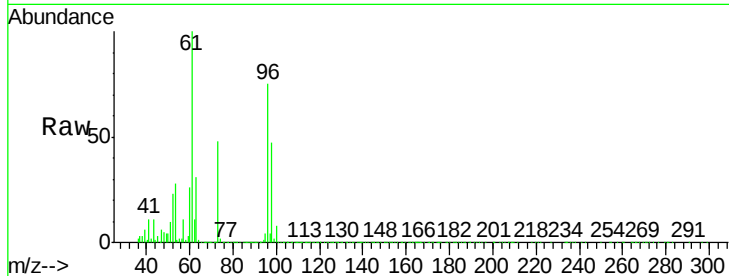
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	280203
Ion Ratio	Lower	Upper	
96	100		
61	133.9	108.2	162.4
98	62.4	48.8	73.2

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#22

Diisopropyl ether

Concen: 53.894 ug/l

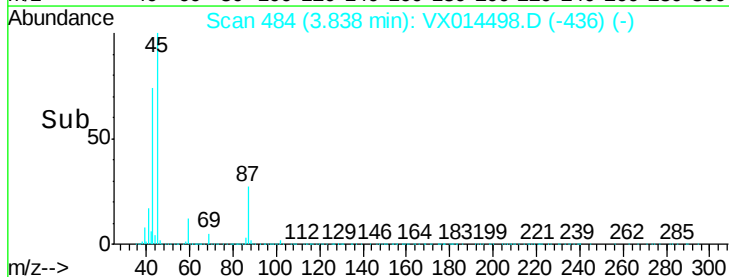
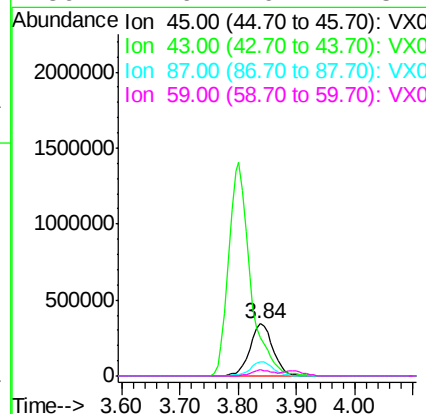
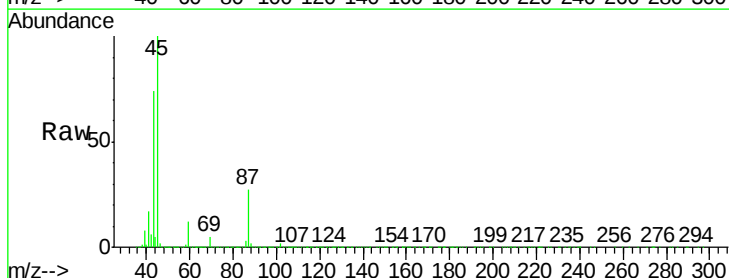
RT: 3.84 min Scan# 484

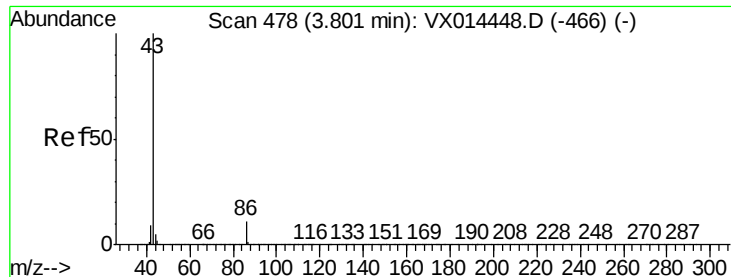
Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Tgt Ion:	45	Resp:	931424
Ion Ratio	Lower	Upper	
45	100		
43	74.3	55.8	83.6
87	27.1	21.8	32.8
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 271.816 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3636990

Ion Ratio Lower Upper

43 100

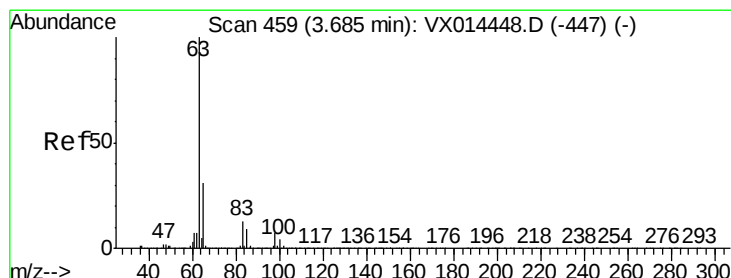
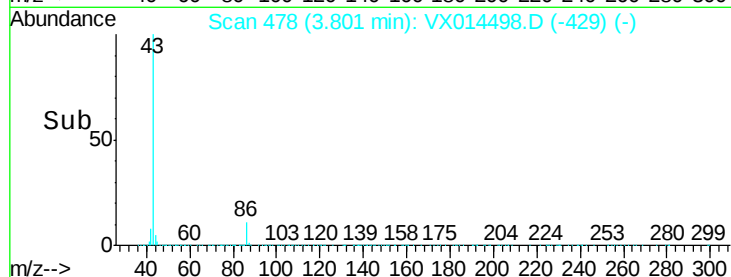
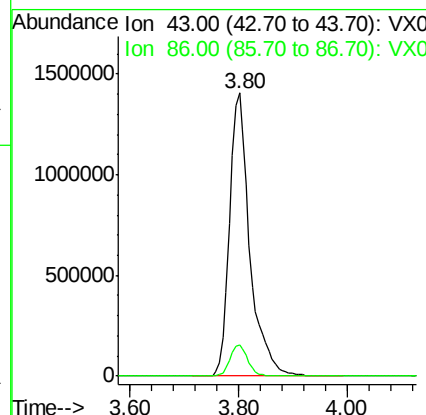
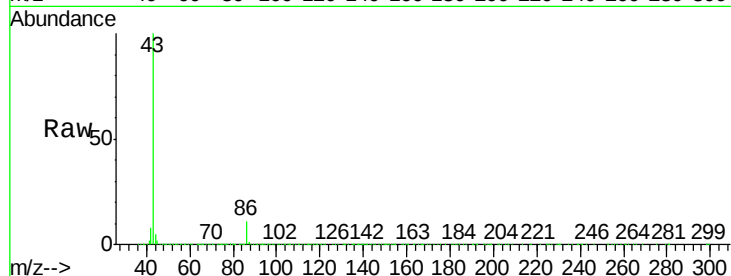
86 11.1 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 52.906 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

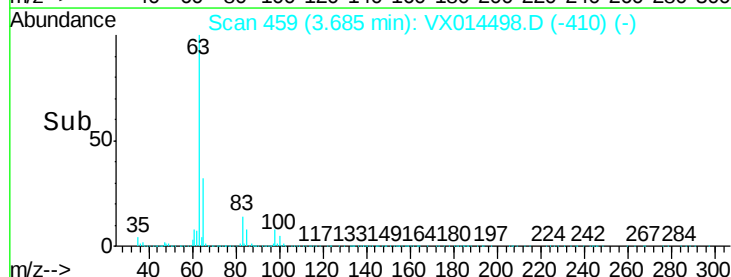
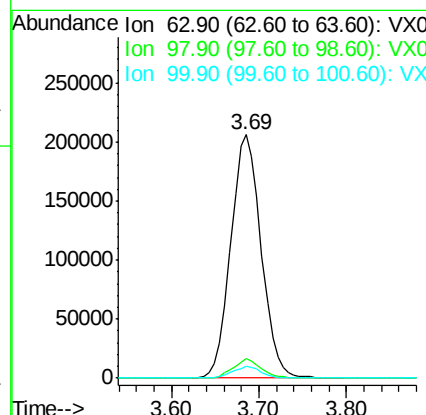
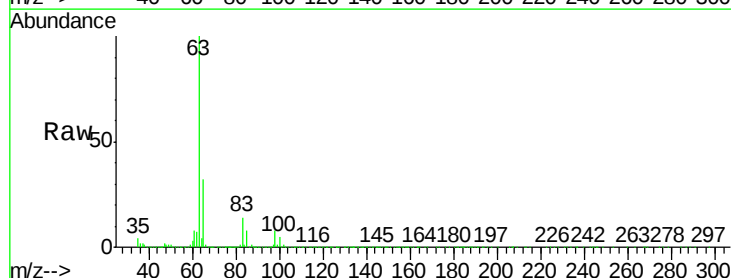
Tgt Ion: 63 Resp: 497393

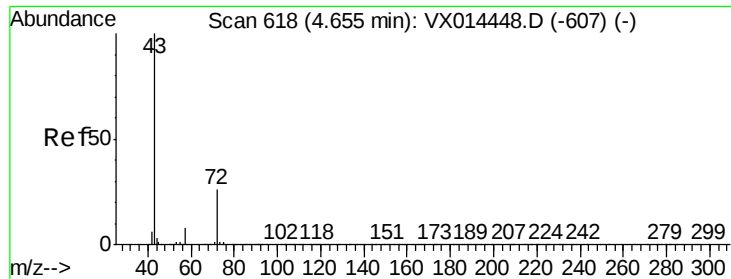
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 247.947 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1066329

Ion Ratio Lower Upper

43 100

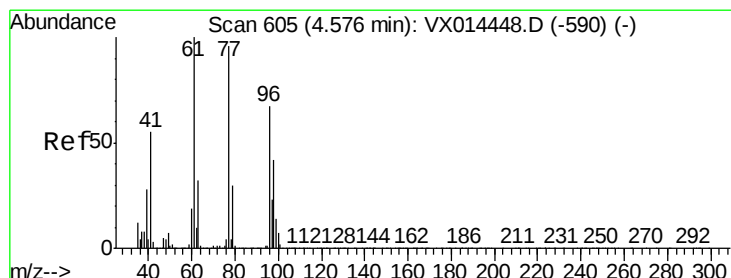
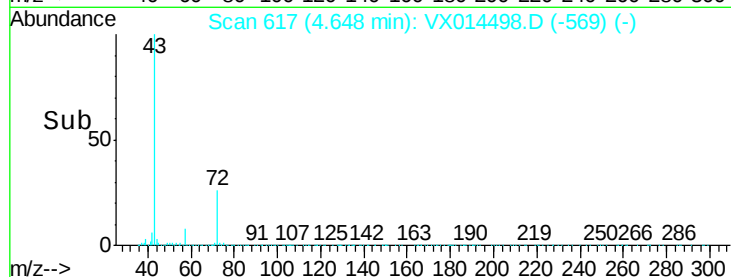
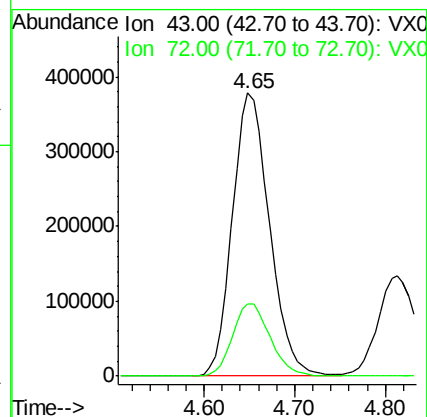
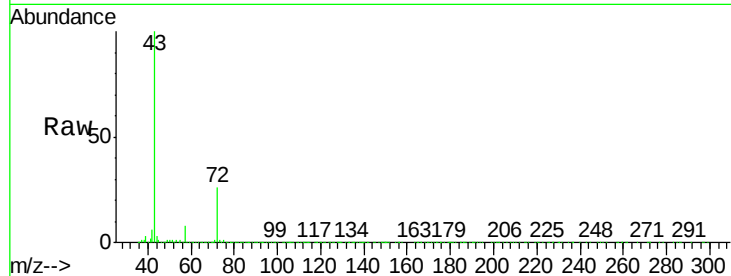
72 25.6 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.565 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014498.D

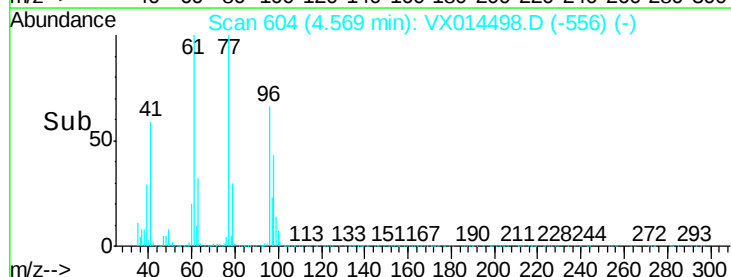
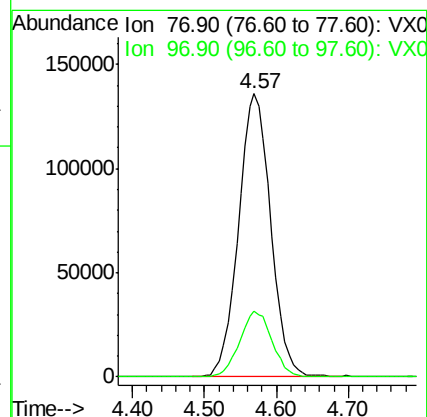
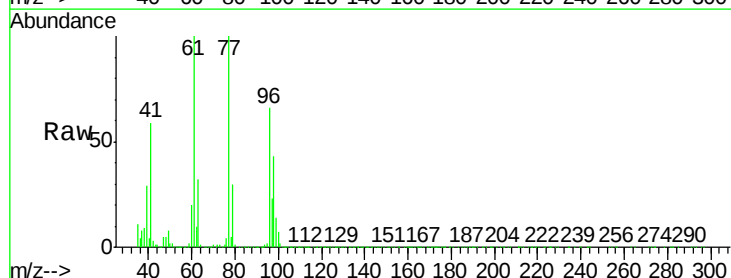
Acq: 09 Jan 2020 15:36

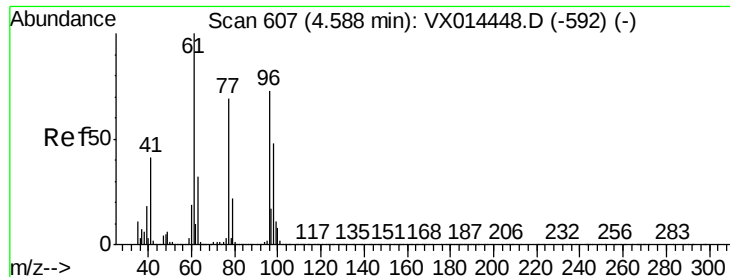
Tgt Ion: 77 Resp: 418640

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

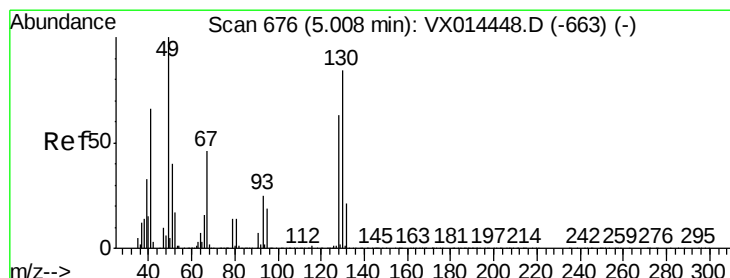
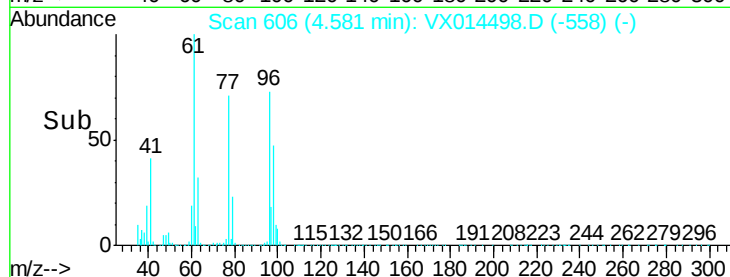
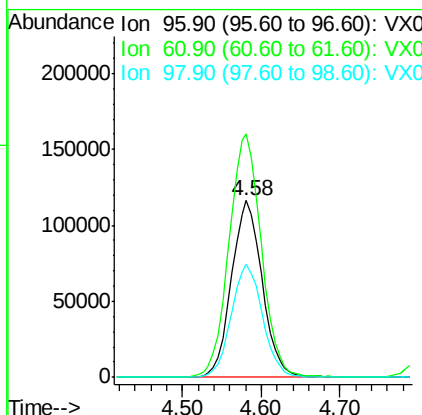
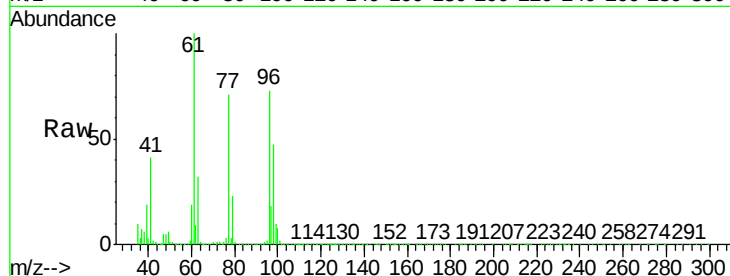
cis-1,2-Dichloroethene
Concen: 50.693 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.4	0.0	285.4	
98	64.8	0.0	130.6	

Manual Integrations
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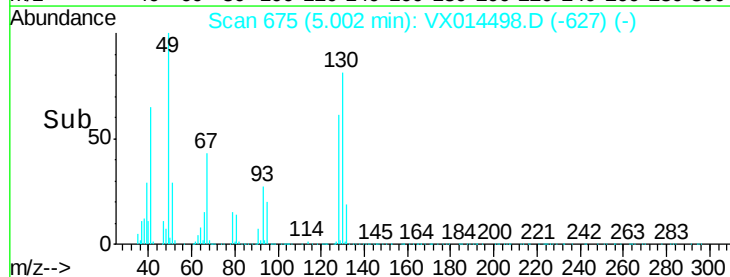
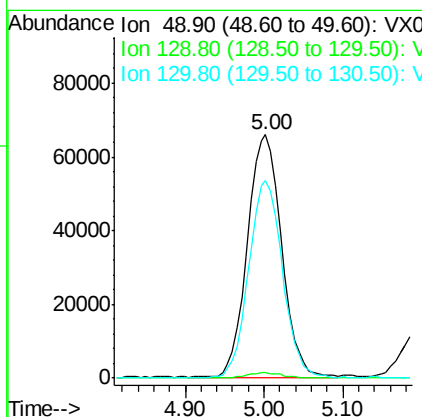
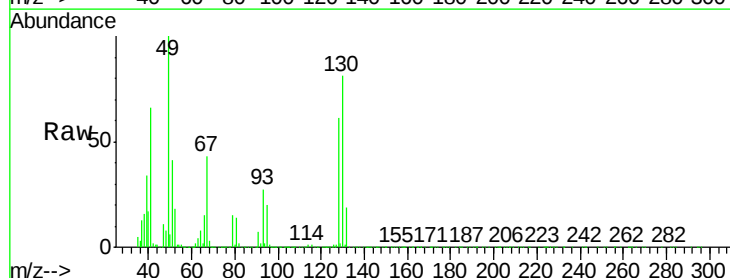
apatel
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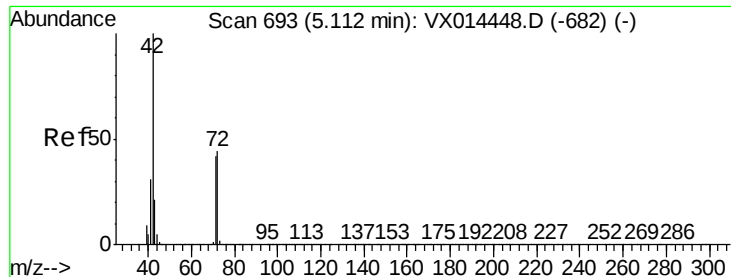


#28

Bromochloromethane
Concen: 50.190 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.4	
130	80.8	67.0	100.4	





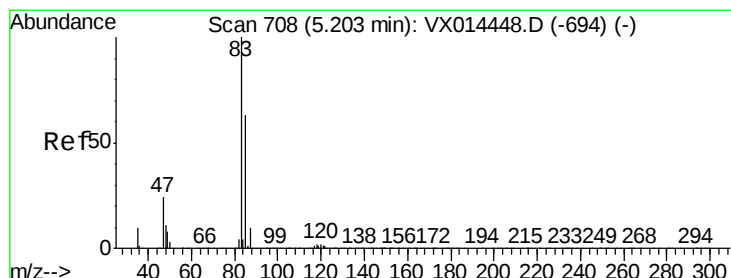
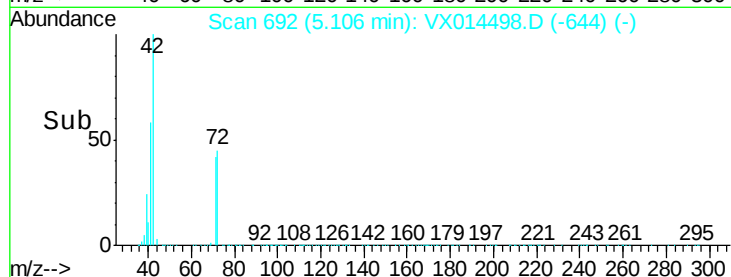
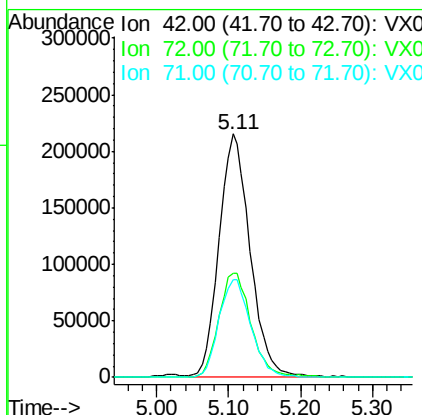
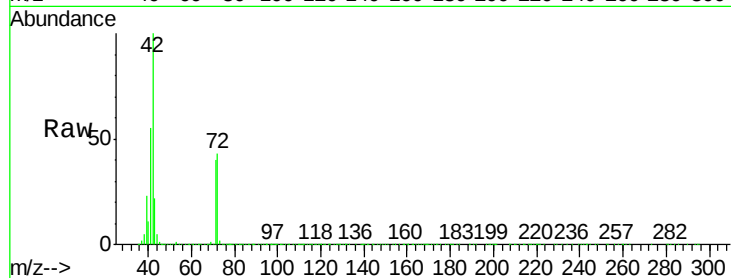
#29
Tetrahydrofuran
Concen: 252.108 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	36.2	54.4
71	41.5	34.1	51.1

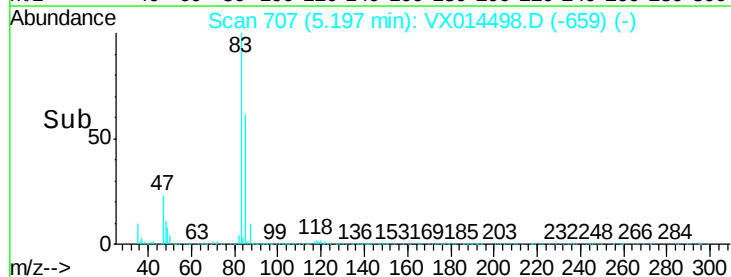
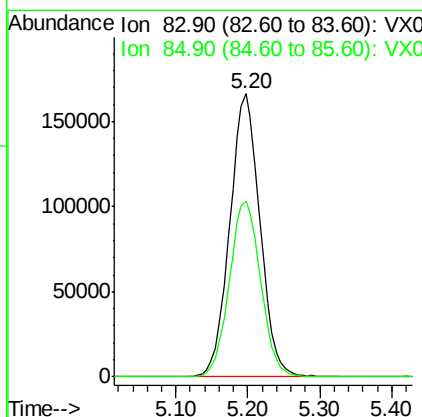
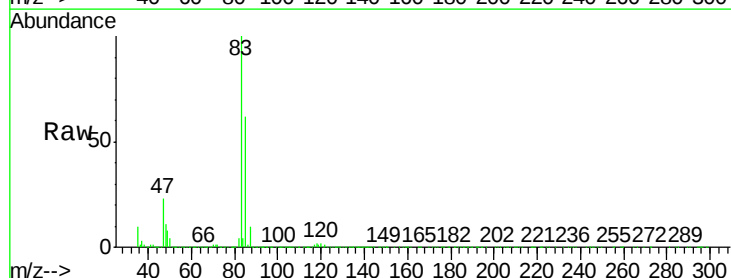
Manual Integrations
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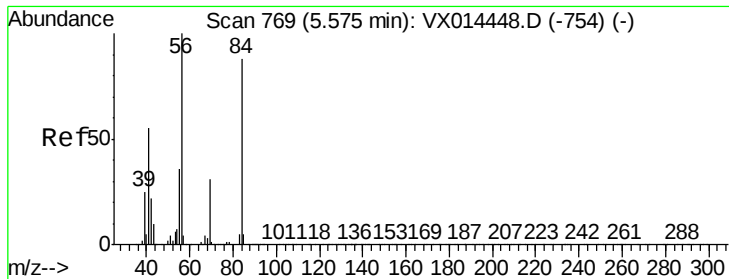
apatel
1/10/2020 8:34:58 AM



#30
Chloroform
Concen: 52.473 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.6	75.8





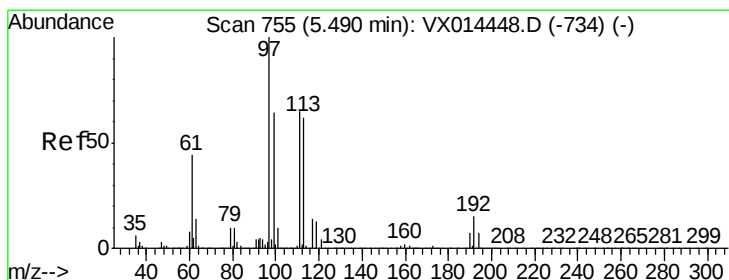
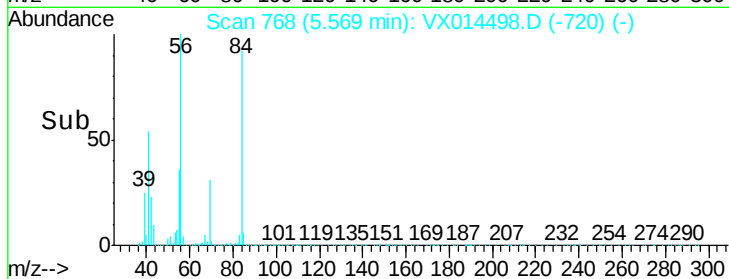
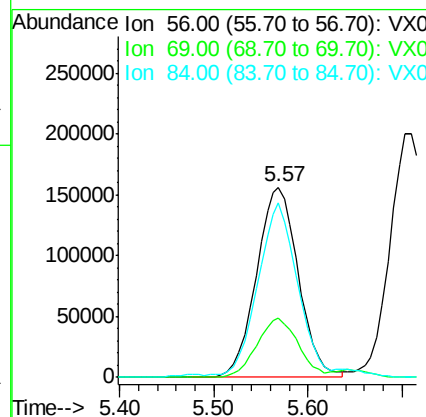
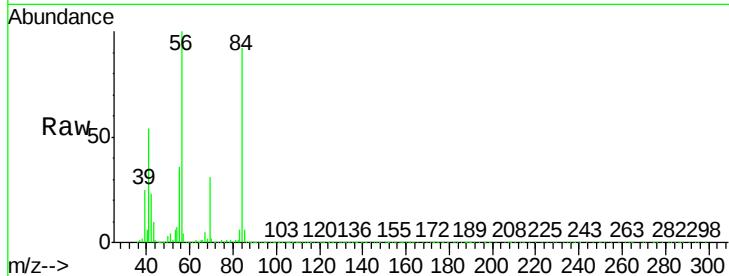
#31
Cyclohexane
Concen: 54.762 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.4	36.6
84	90.5	70.6	106.0

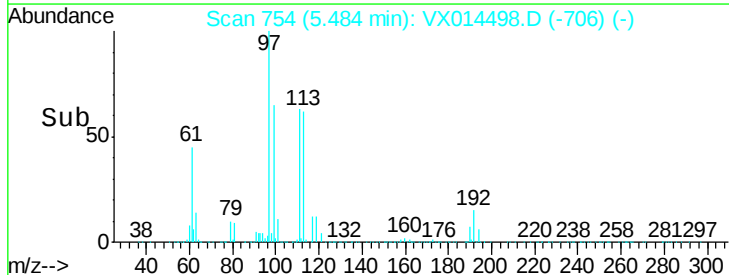
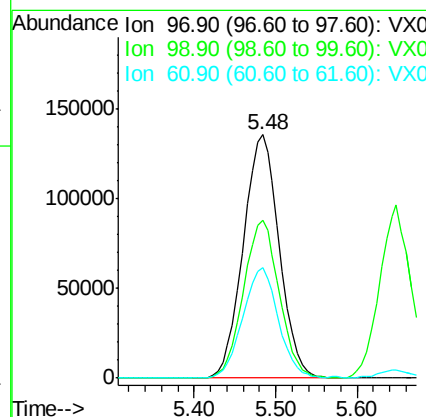
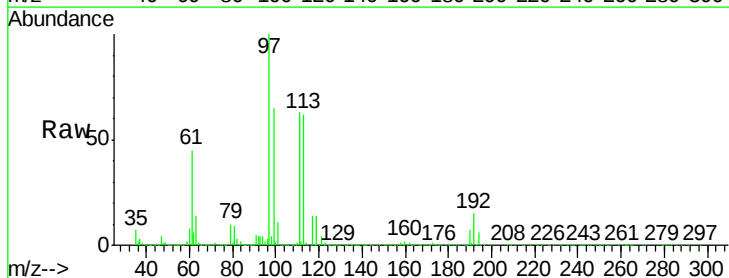
Manual Integrations
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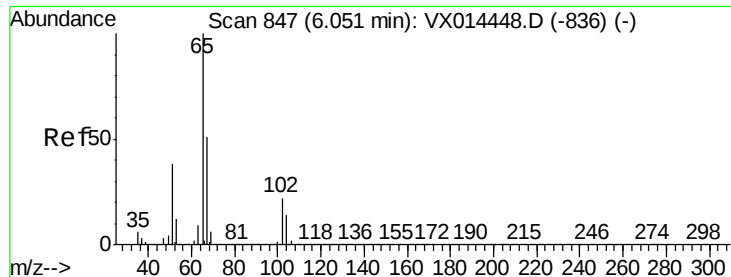
apatel
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#32
1,1,1-Trichloroethane
Concen: 52.685 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	44.7	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 48.696 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 280361

Ion Ratio Lower Upper

65 100

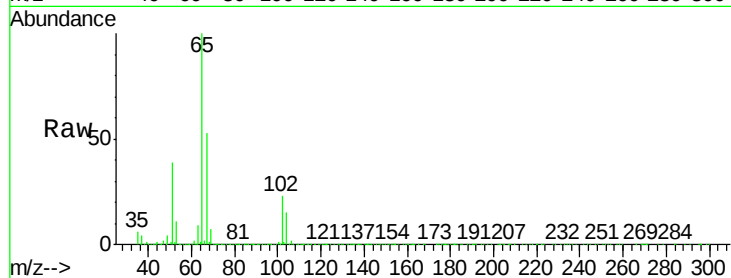
67 53.8 0.0 106.2

Manual Integrations

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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

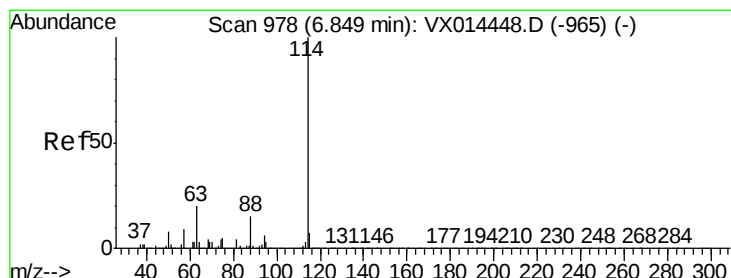
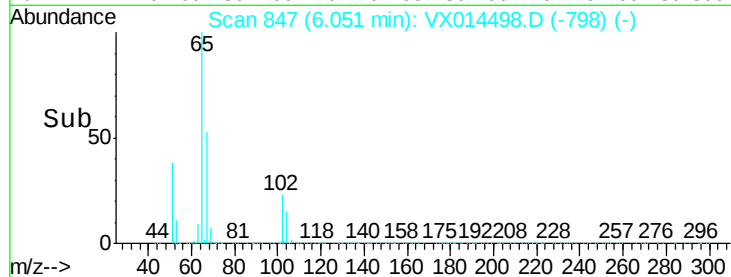
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

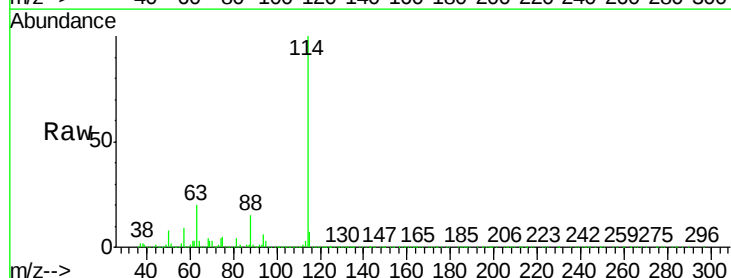
Tgt Ion: 114 Resp: 764941

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.0 0.0 30.8



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

6.84

400000

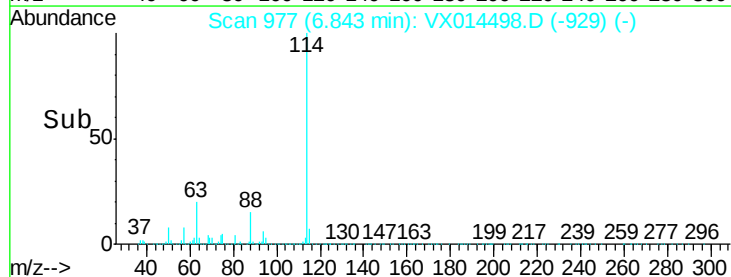
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.994 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014498.D

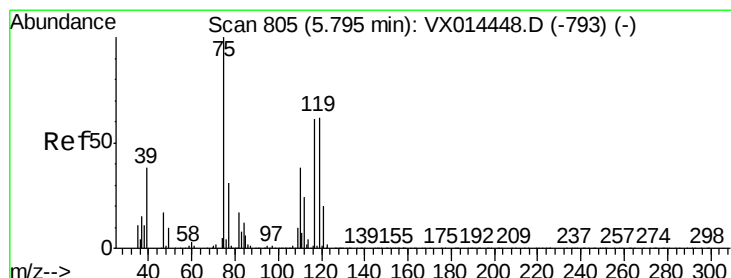
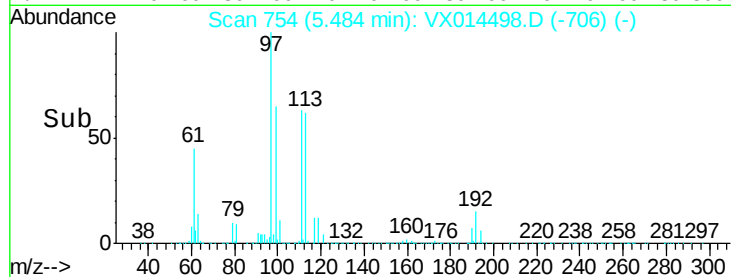
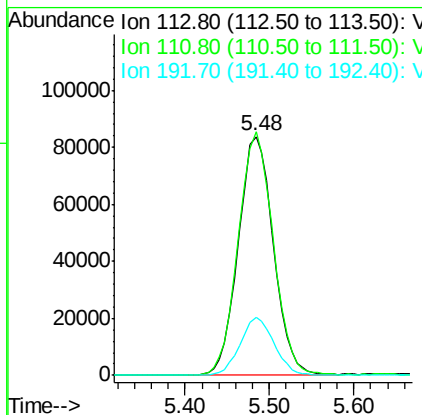
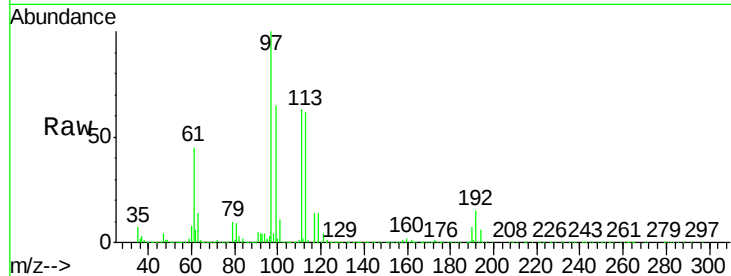
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	113	Resp:	236131
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.5	122.3
192	23.5	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 52.595 ug/l

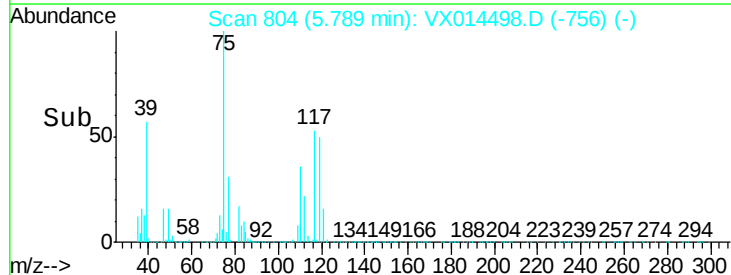
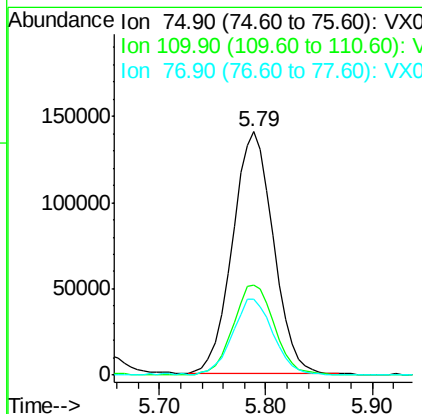
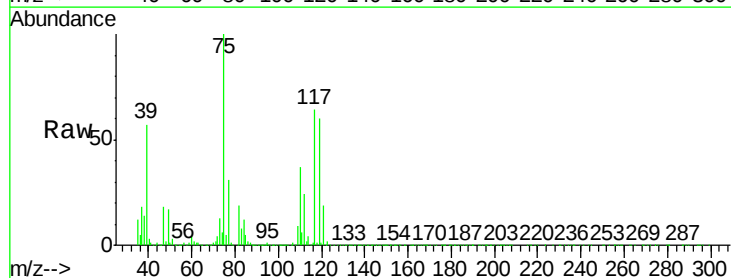
RT: 5.79 min Scan# 804

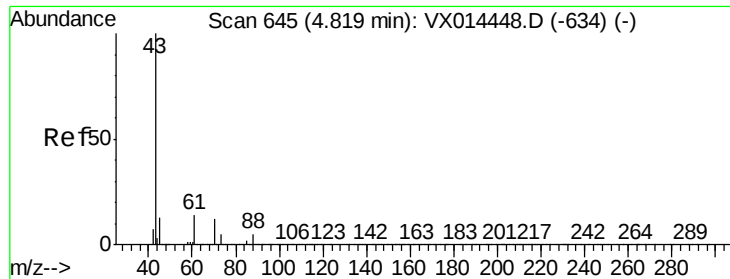
Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Tgt Ion:	75	Resp:	378348
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.6	55.8
77	31.2	24.5	36.7





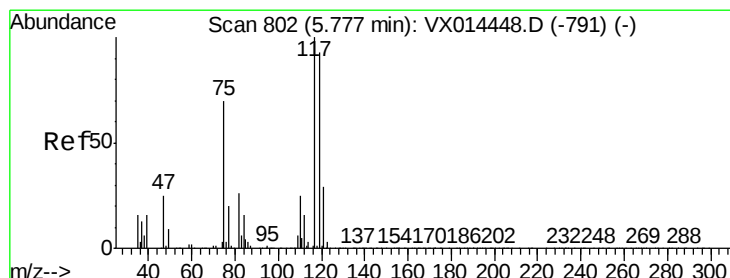
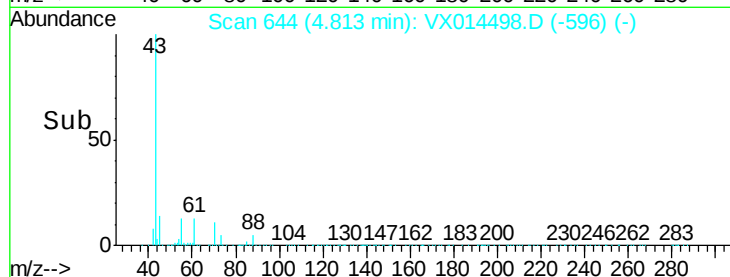
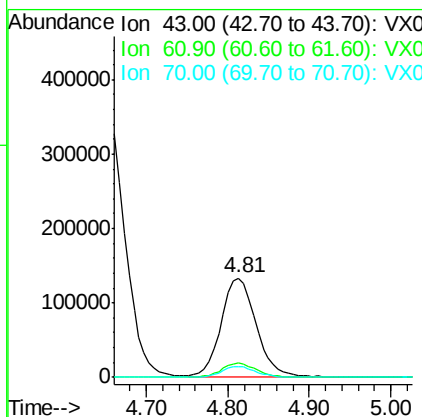
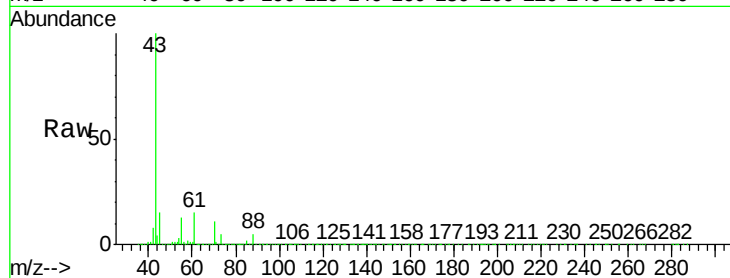
#37
Ethyl Acetate
Concen: 50.208 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	392311
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.1	16.7
70	11.2	8.9	13.3

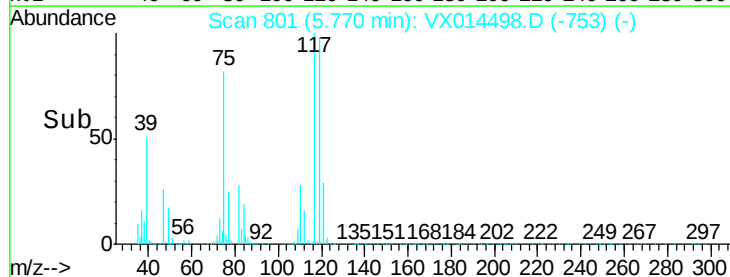
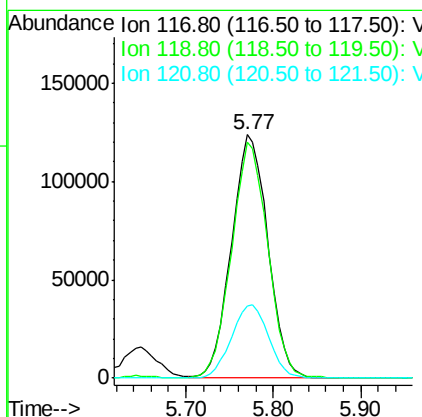
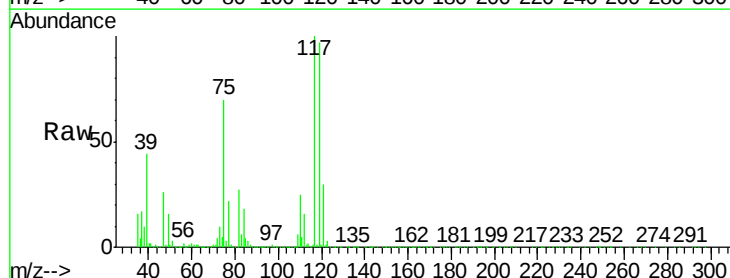
Manual Integrations
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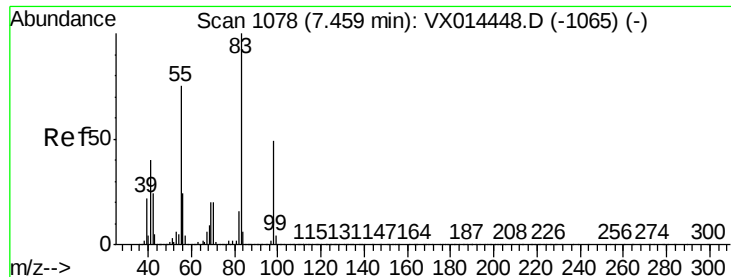
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#38
Carbon Tetrachloride
Concen: 53.853 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	117	Resp	356493
Ion Ratio	Lower	Upper	
117	100		
119	96.7	73.8	110.8
121	29.7	23.4	35.0





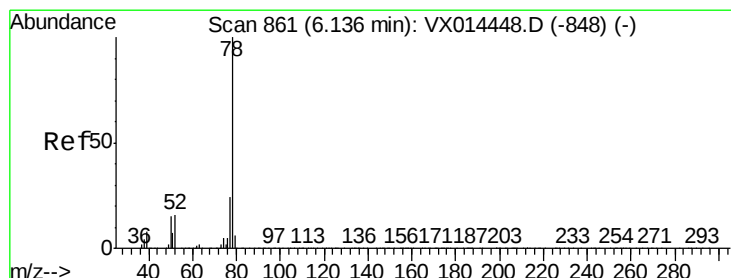
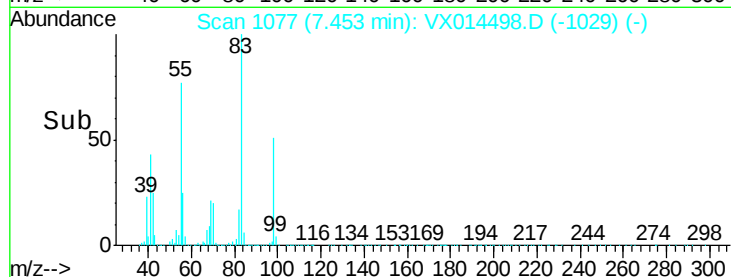
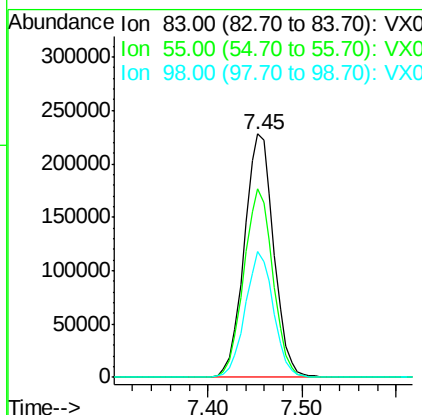
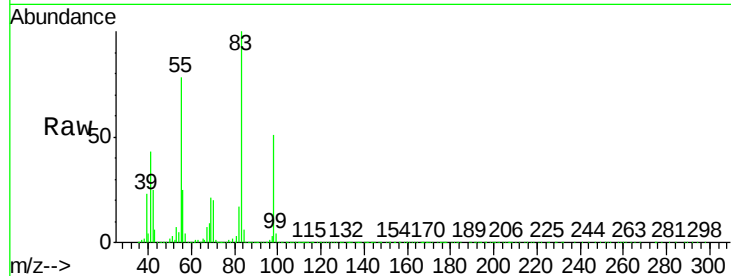
#39
Methvlcvclohexane
Concen: 55.173 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	59.7	89.5
98	51.5	39.1	58.7

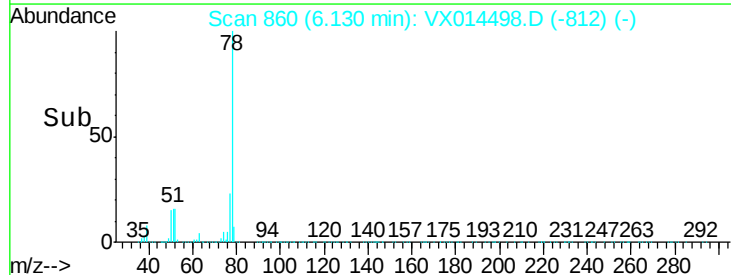
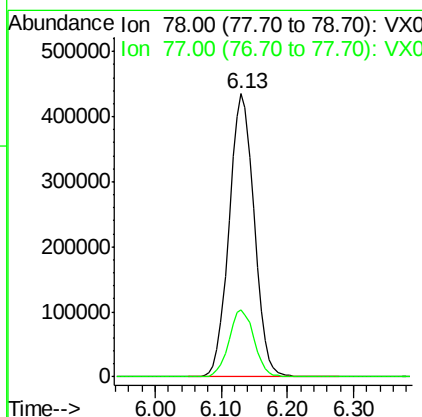
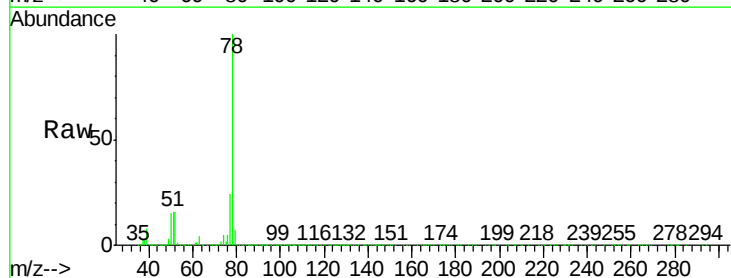
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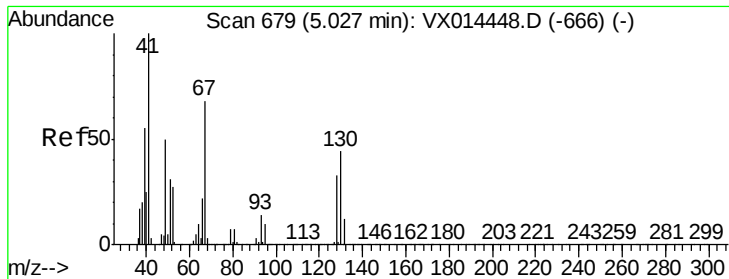
apatel
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#40
Benzene
Concen: 53.468 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





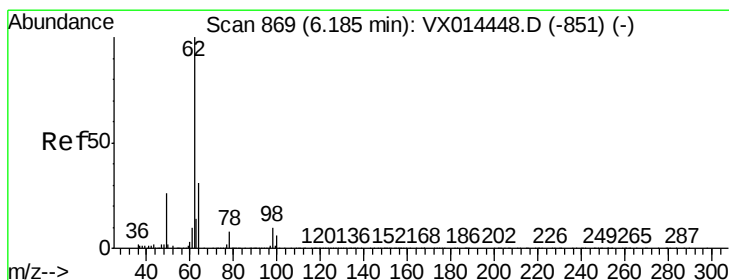
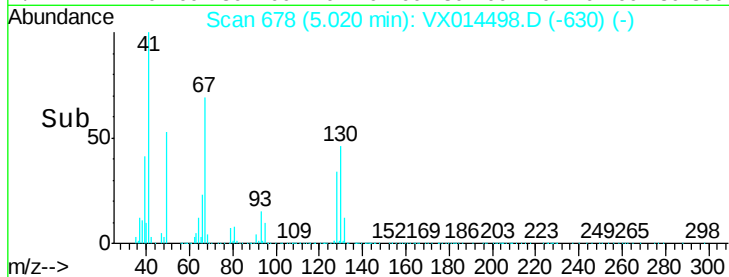
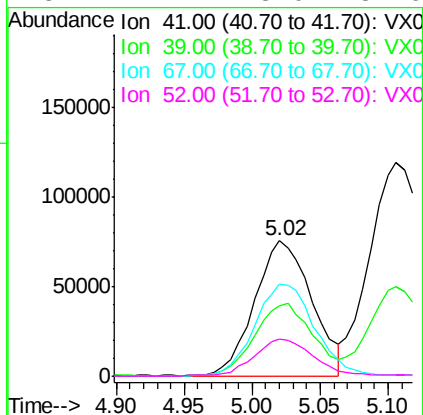
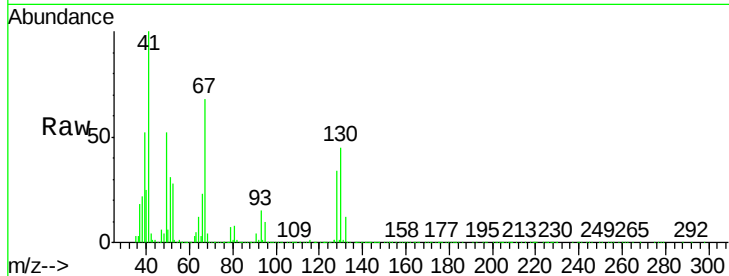
#41
Methacrylonitrile
Concen: 53.068 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	43.6	65.4	
67	71.2	57.9	86.9	
52	27.7	23.0	34.6	

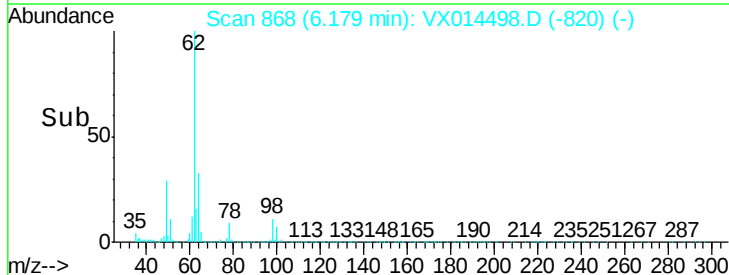
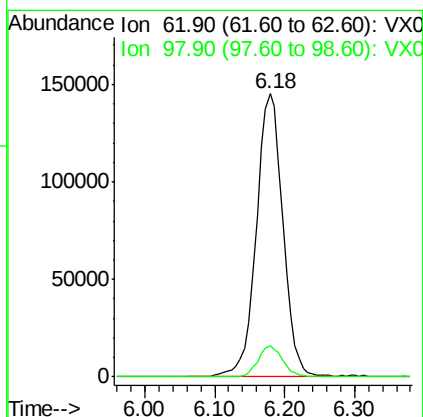
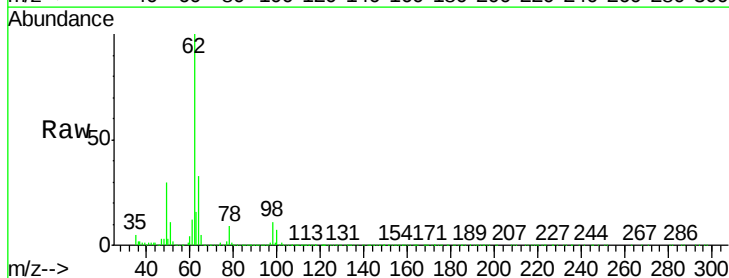
Manual Integrations
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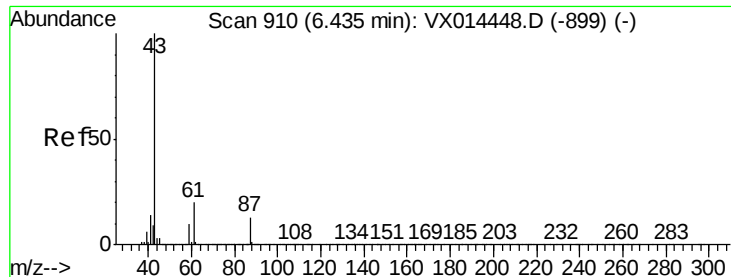
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#42
1,2-Dichloroethane
Concen: 51.272 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.4	





#43

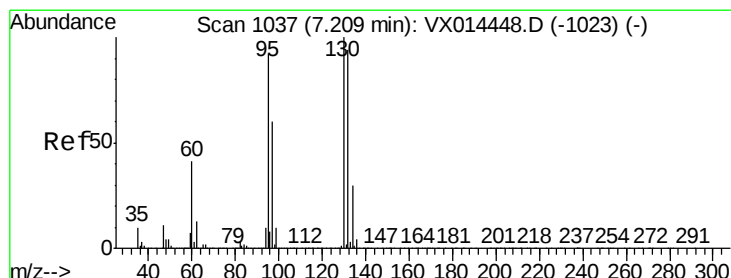
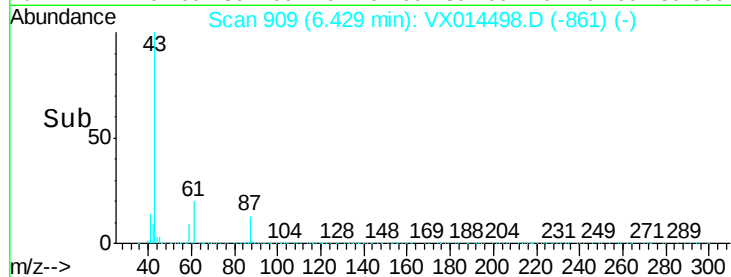
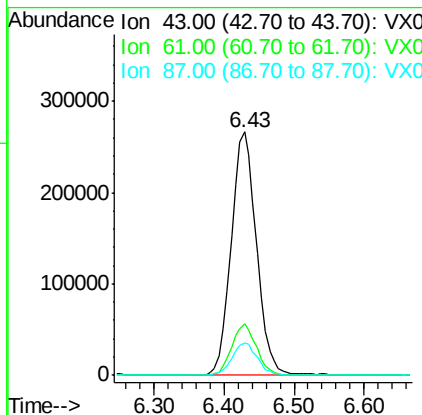
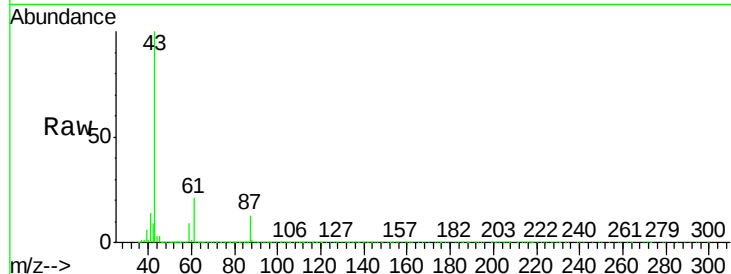
Isopropyl Acetate
 Concen: 52.757 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.6	24.8
87	13.4	10.8	16.2

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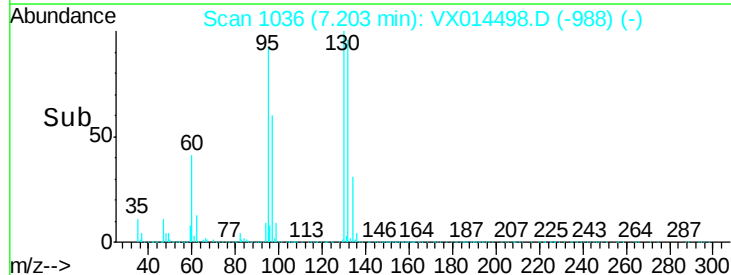
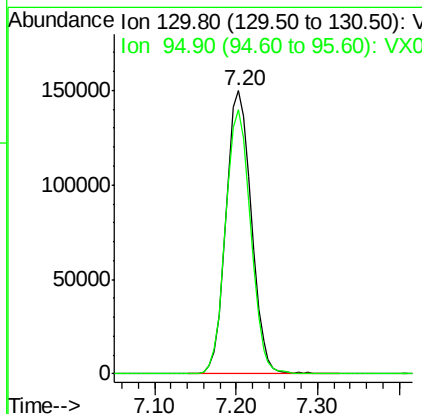
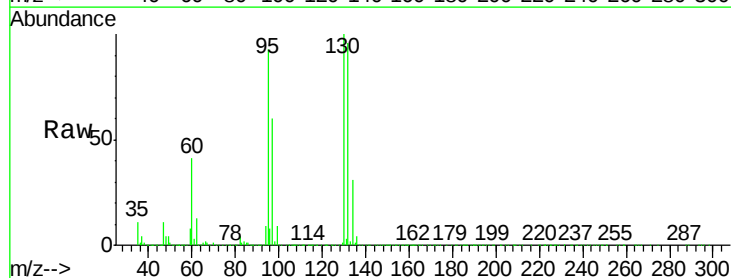
apatel
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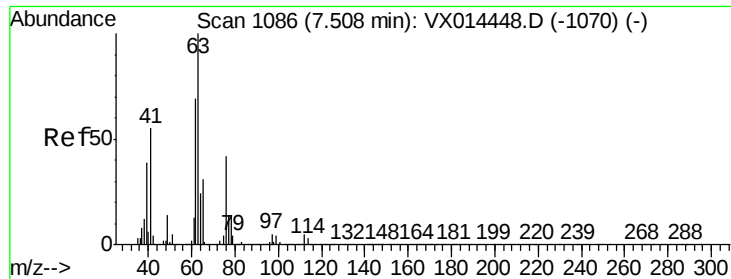


#44

Trichloroethene
 Concen: 52.297 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	184.2





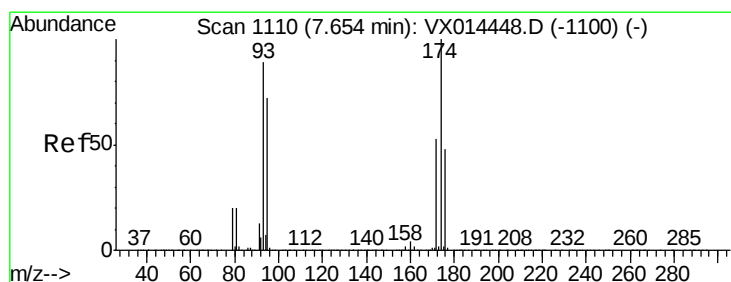
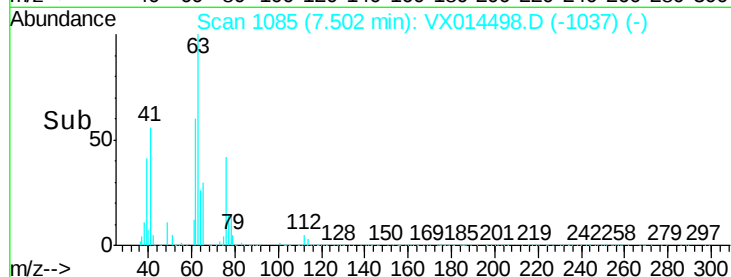
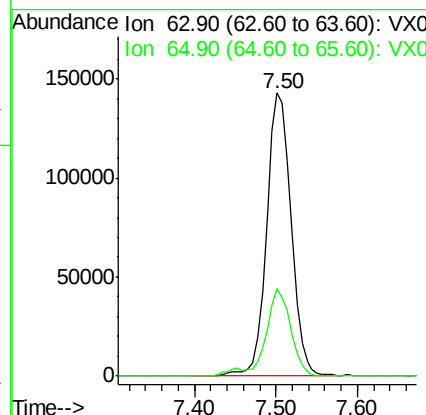
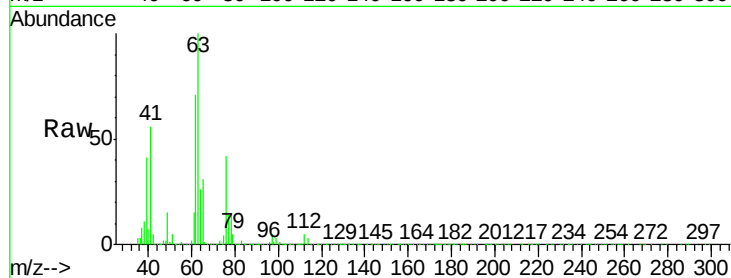
#45
 1,2-Dichloropropane
 Concen: 54.618 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.8	37.2

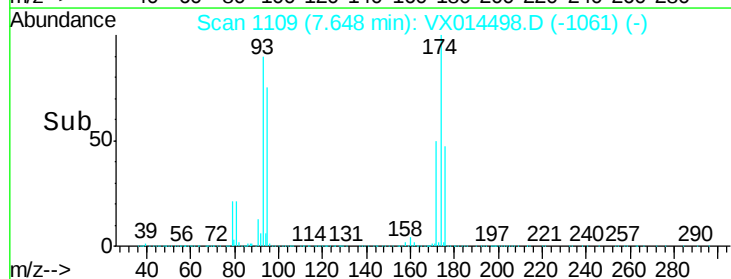
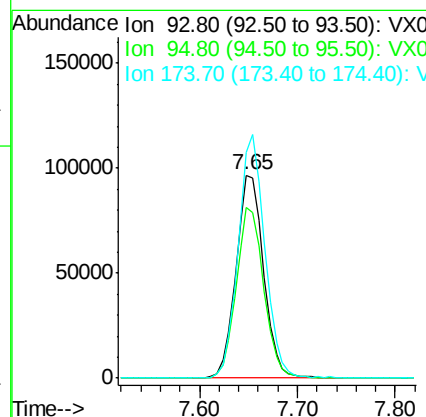
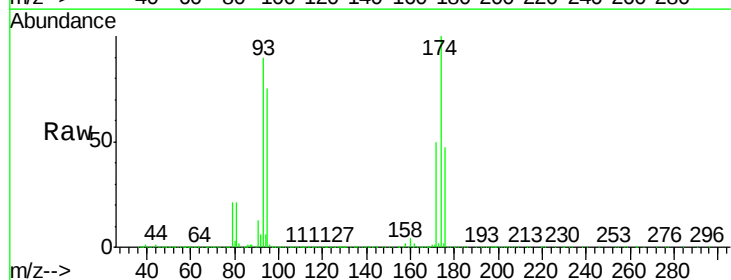
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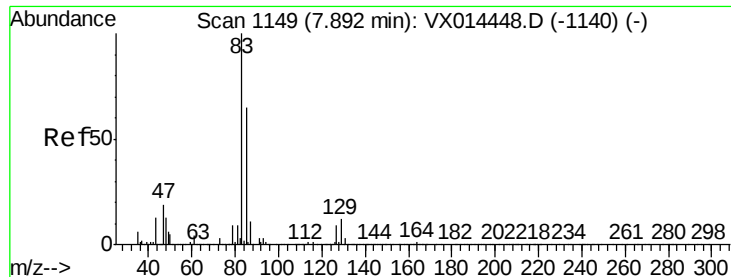
apatel
 1/10/2020 8:34:58 AM



#46
 Dibromomethane
 Concen: 49.475 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	65.4	98.2
174	116.8	93.0	139.4





#47

Bromodichloromethane

Concen: 54.922 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

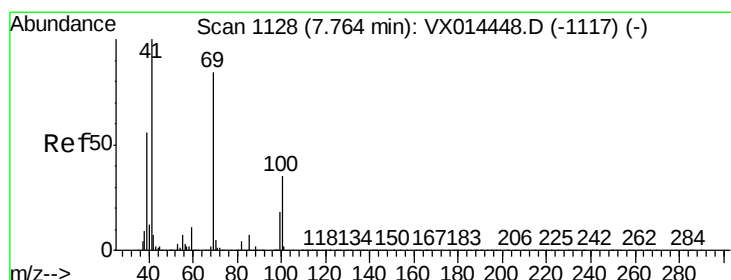
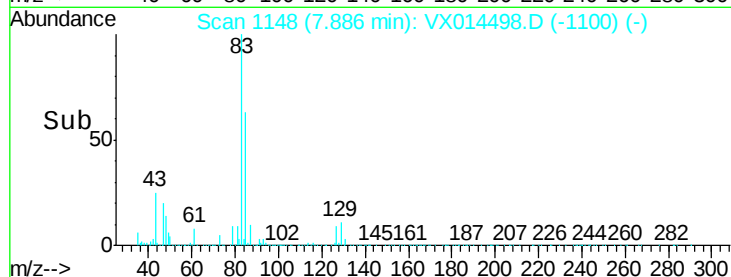
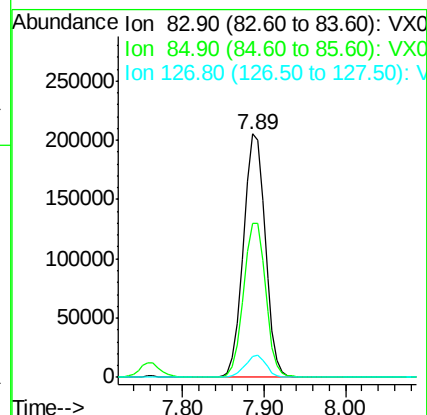
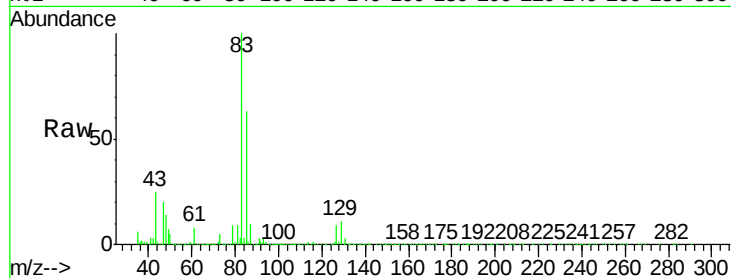
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	379676
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.7	77.5
127	8.6	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.636 ug/l

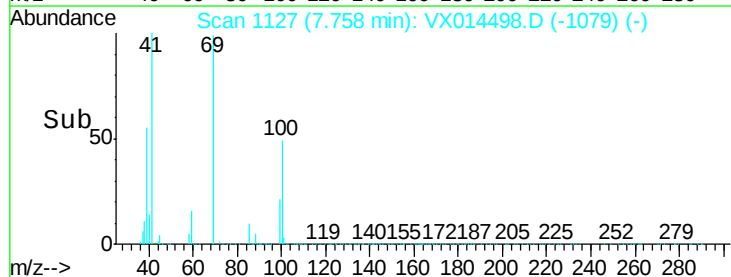
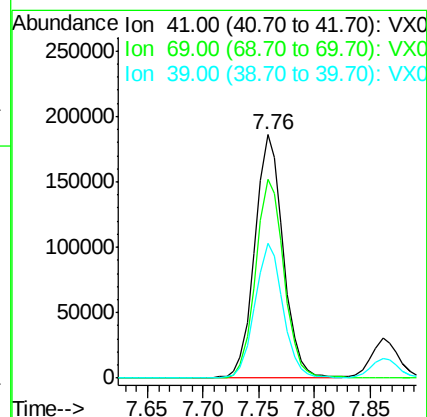
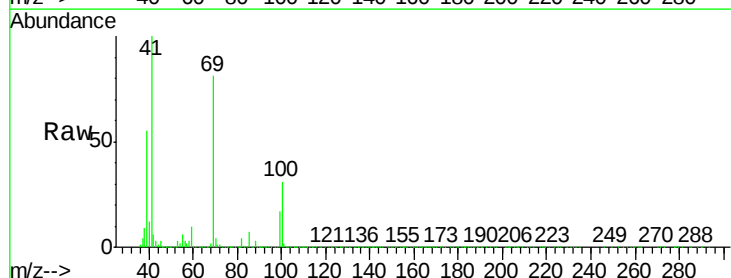
RT: 7.76 min Scan# 1127

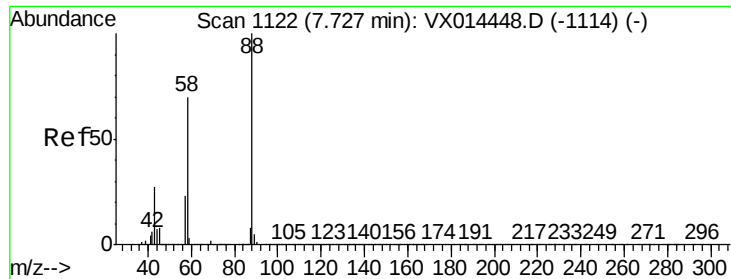
Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Tgt Ion:	41	Resp:	330299
Ion Ratio	Lower	Upper	
41	100		
69	82.2	65.5	98.3
39	54.5	43.9	65.9





#49

1,4-Dioxane

Concen: 923.535 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

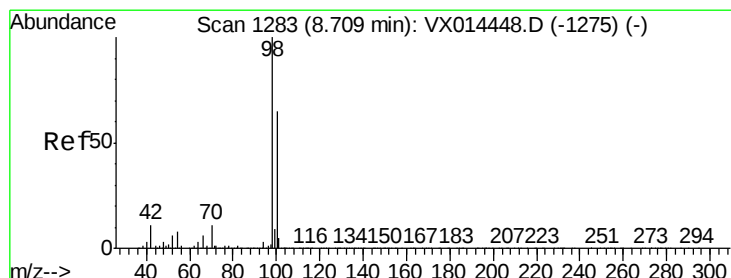
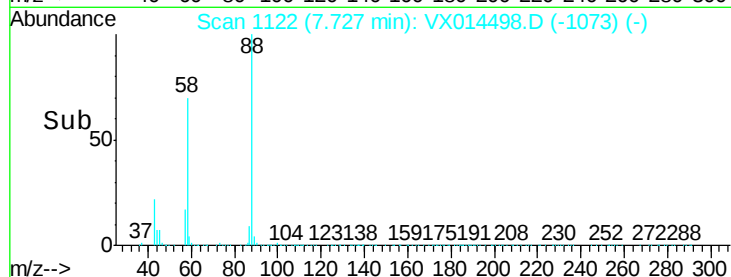
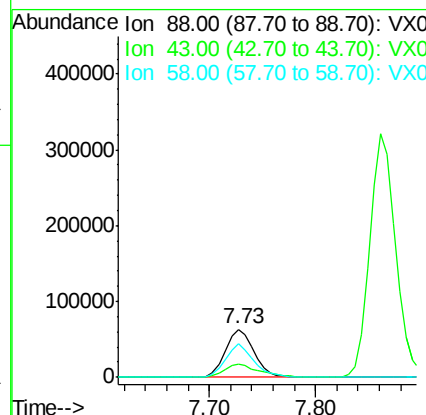
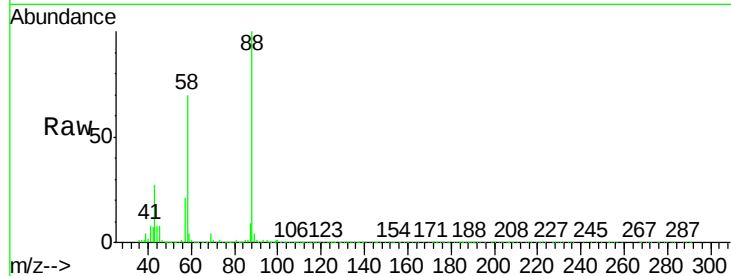
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	118303
Ion Ratio	Lower	Upper	
88	100		
43	32.4	27.4	41.0
58	68.9	57.1	85.7

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#50

Toluene-d8

Concen: 51.330 ug/l

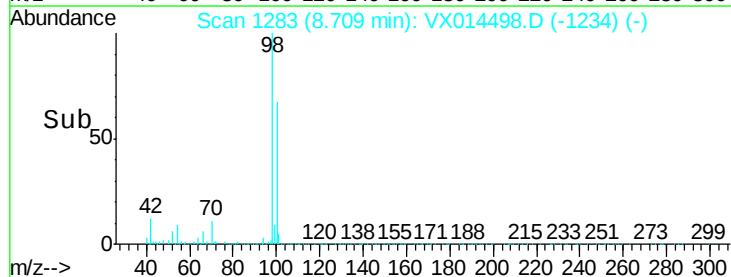
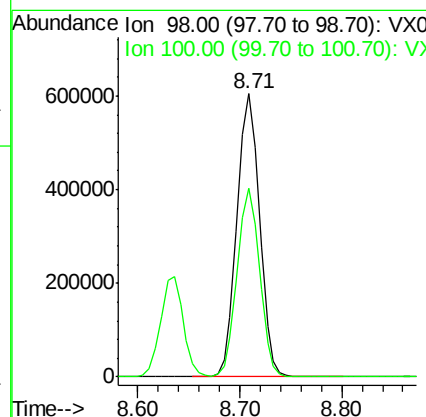
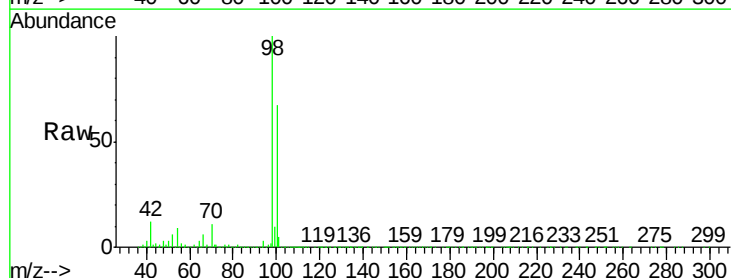
RT: 8.71 min Scan# 1283

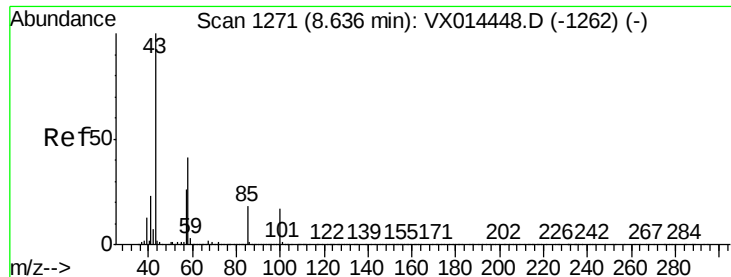
Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Tgt Ion:	98	Resp:	922371
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 261.328 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2010076

Ion Ratio Lower Upper

43 100

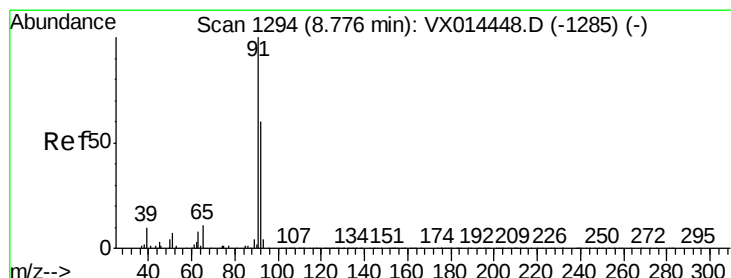
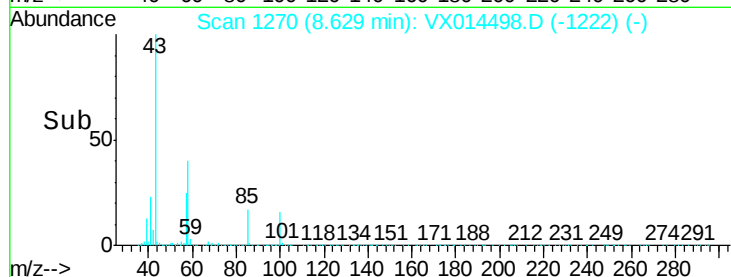
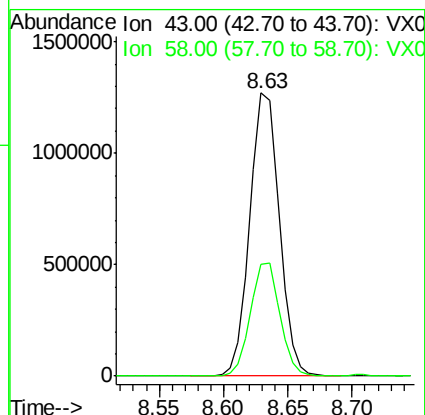
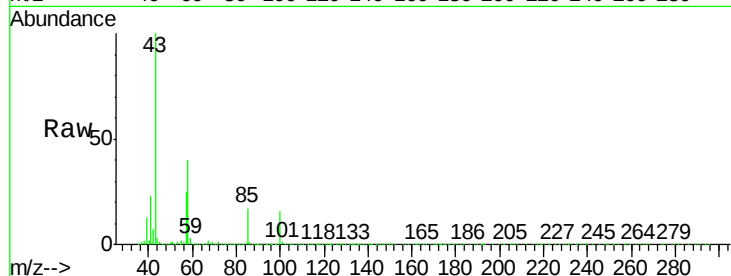
58 39.8 32.4 48.6

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#52

Toluene

Concen: 53.333 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014498.D

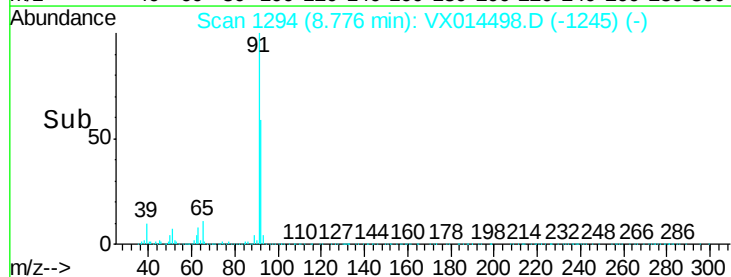
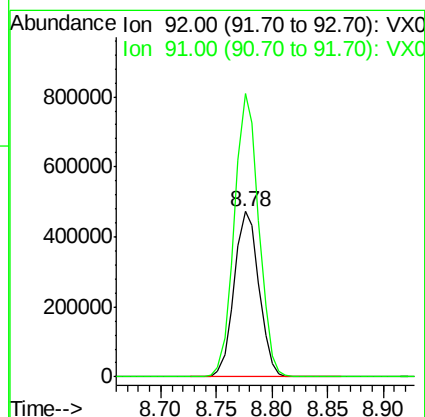
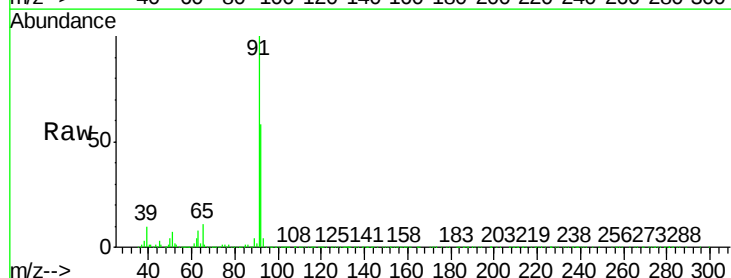
Acq: 09 Jan 2020 15:36

Tgt Ion: 92 Resp: 728910

Ion Ratio Lower Upper

92 100

91 168.4 135.7 203.5





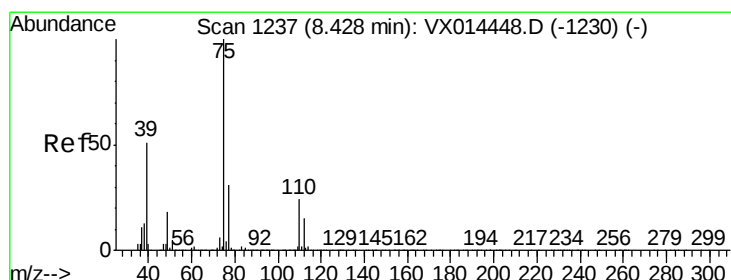
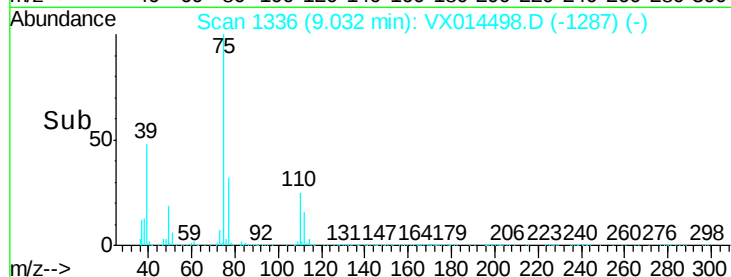
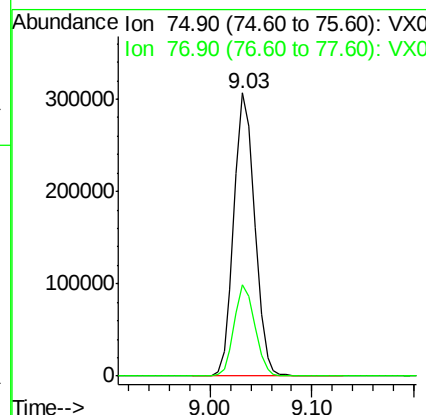
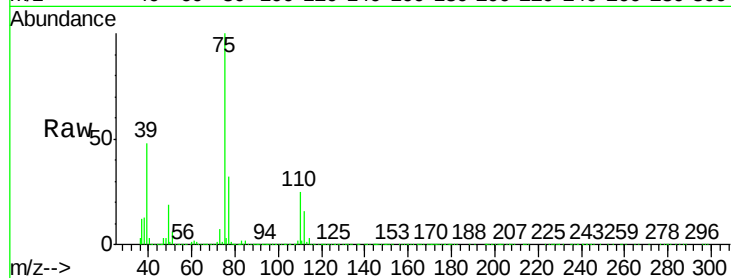
#53
t-1,3-Dichloropropene
Concen: 53.850 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 433401
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

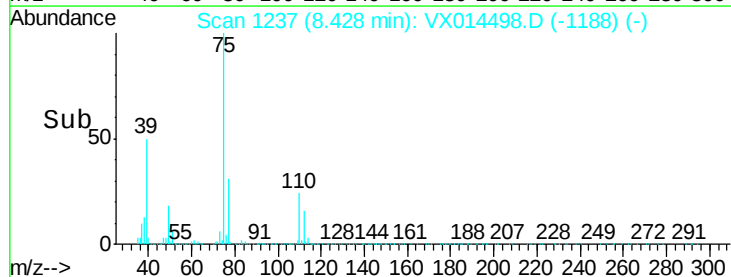
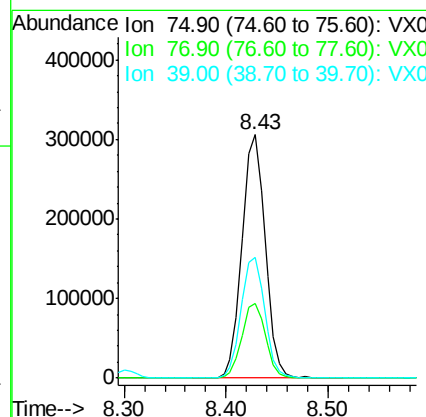
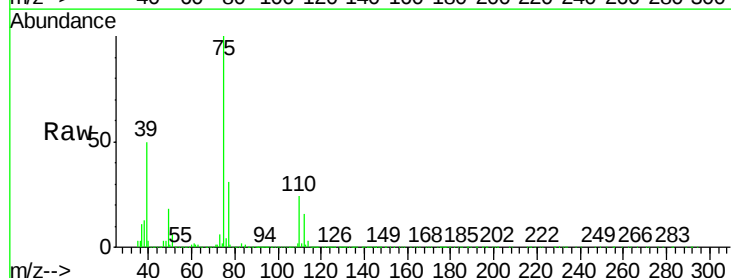
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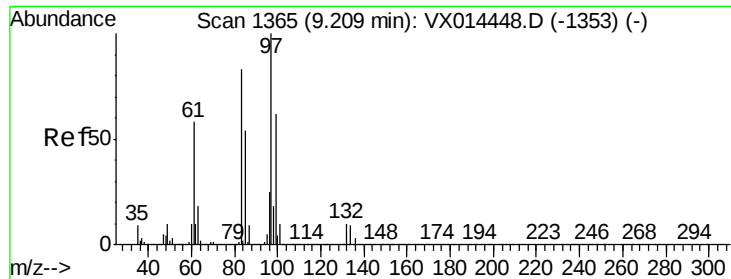
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#54
cis-1,3-Dichloropropene
Concen: 55.424 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion: 75 Resp: 481858
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4
39 49.5 40.7 61.1





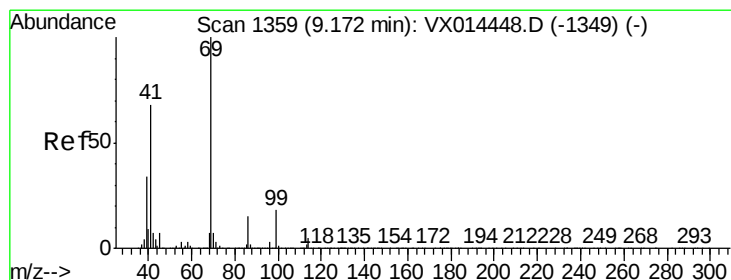
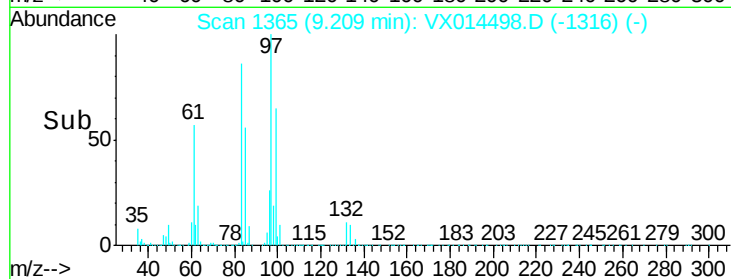
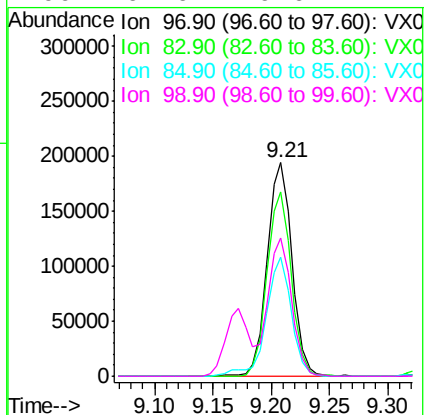
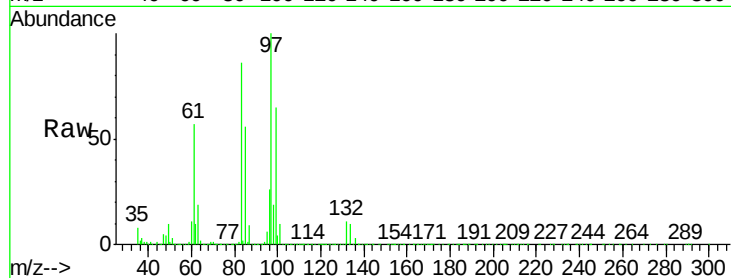
#55
 1,1,2-Trichloroethane
 Concen: 52.215 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.4	99.6
85	55.6	43.4	65.2
99	64.6	49.6	74.4

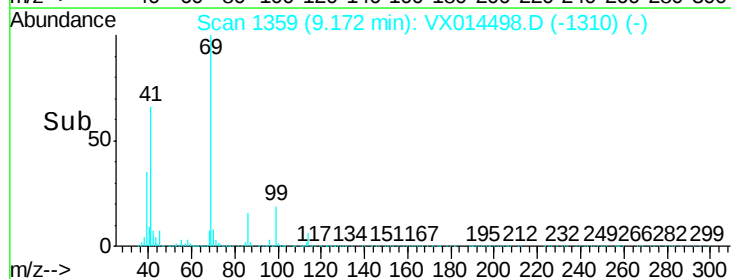
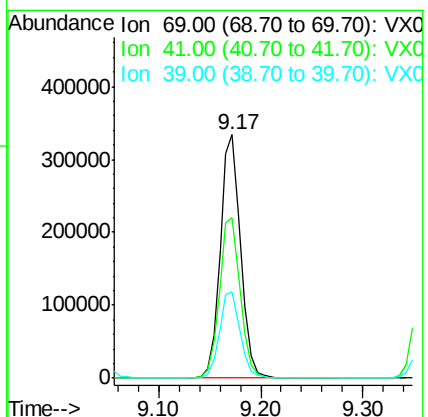
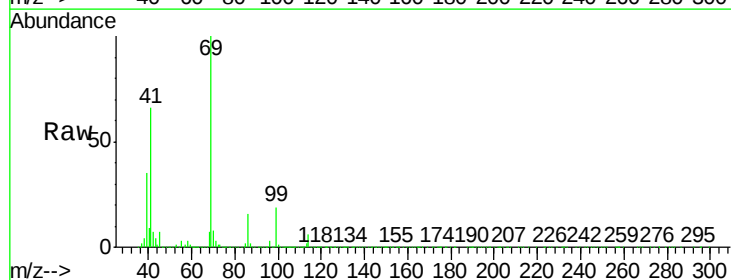
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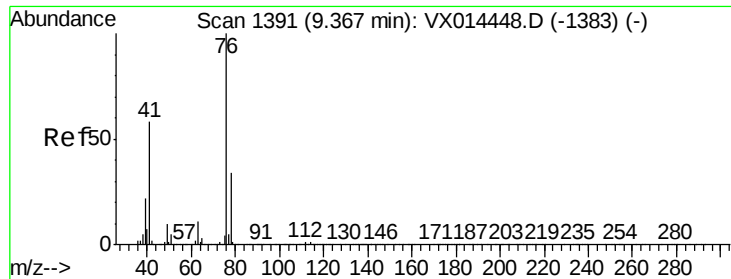
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#56
 Ethyl methacrylate
 Concen: 54.947 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.2	81.2
39	36.0	28.2	42.2





#57

1,3-Dichloropropane

Concen: 52.955 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 486060

Ion Ratio Lower Upper

76 100

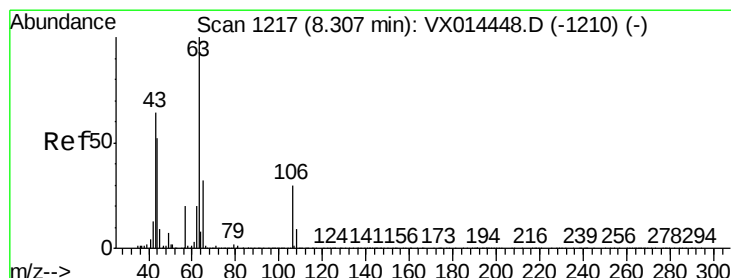
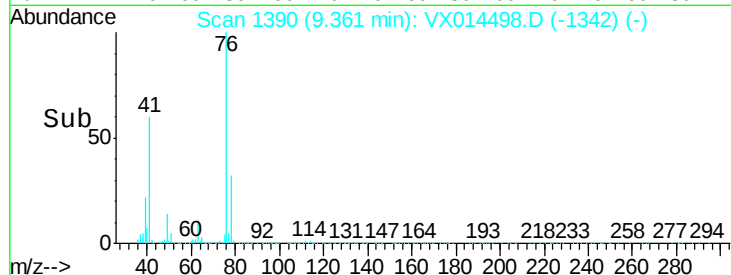
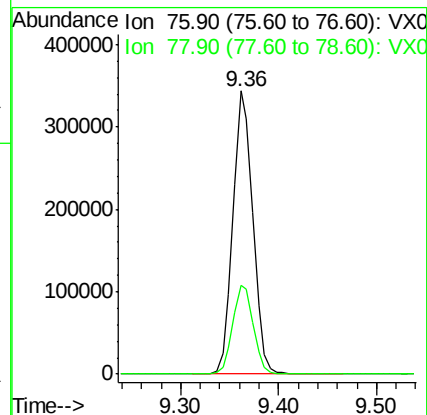
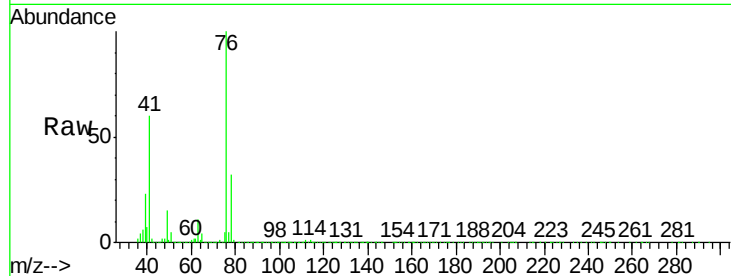
78 32.3 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 260.157 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014498.D

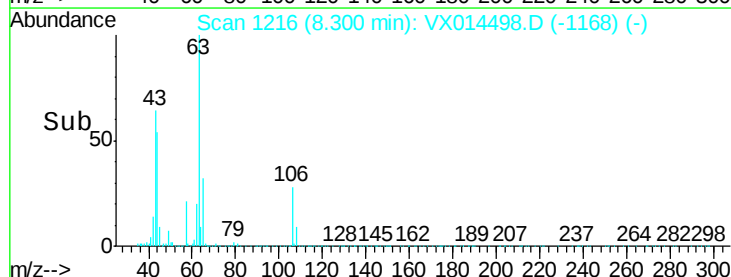
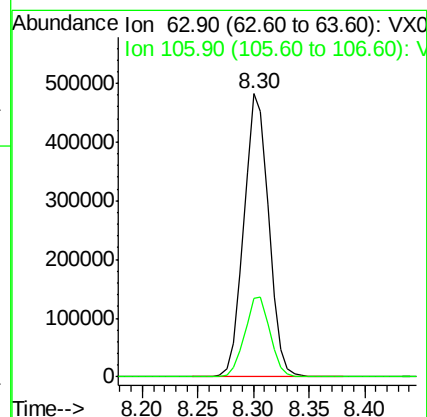
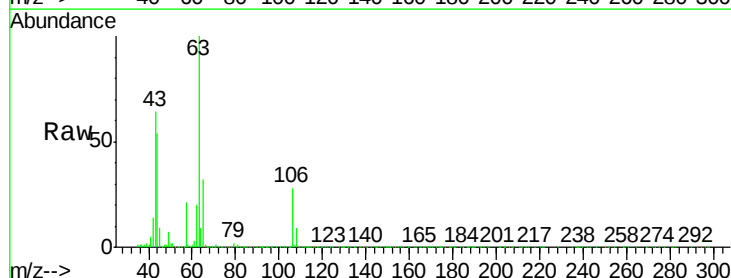
Acq: 09 Jan 2020 15:36

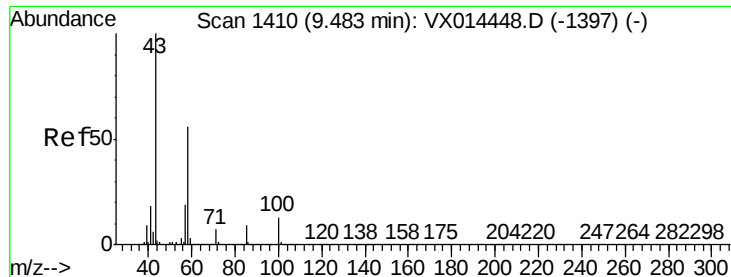
Tgt Ion: 63 Resp: 744436

Ion Ratio Lower Upper

63 100

106 28.9 23.6 35.4





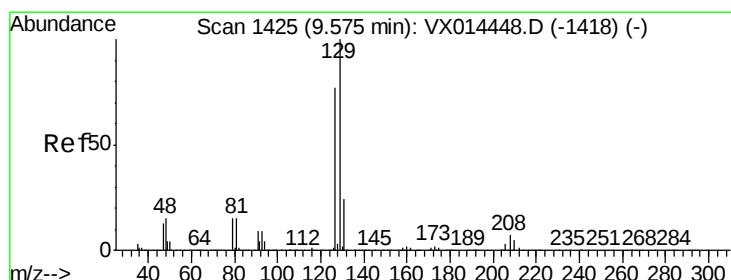
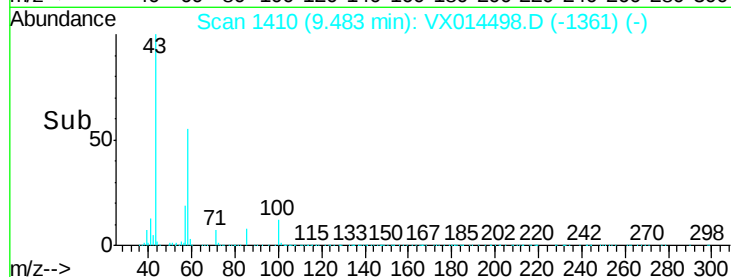
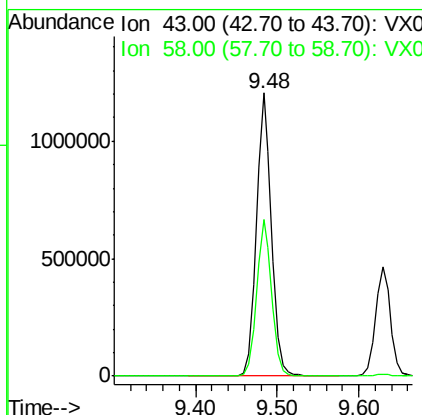
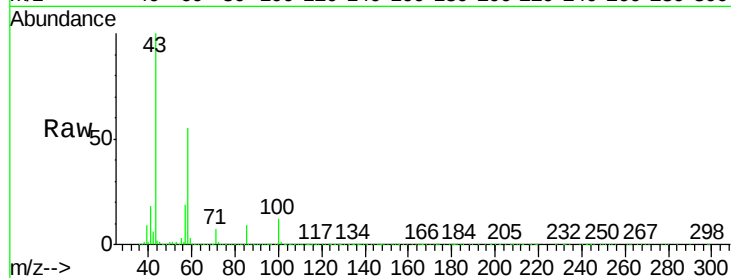
#59
2-Hexanone
Concen: 257.638 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1568005
Ion Ratio Lower Upper
43 100
58 55.5 27.9 83.7

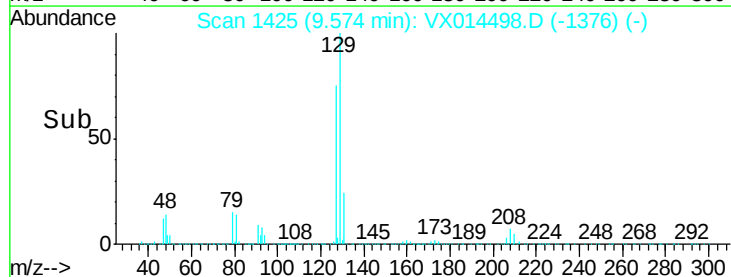
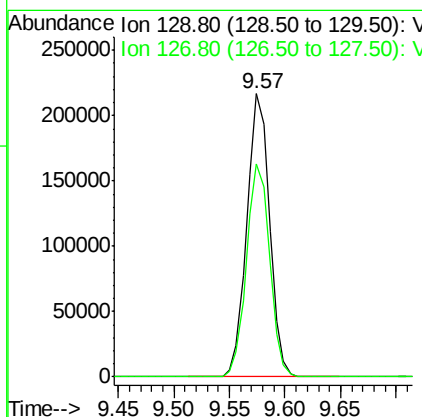
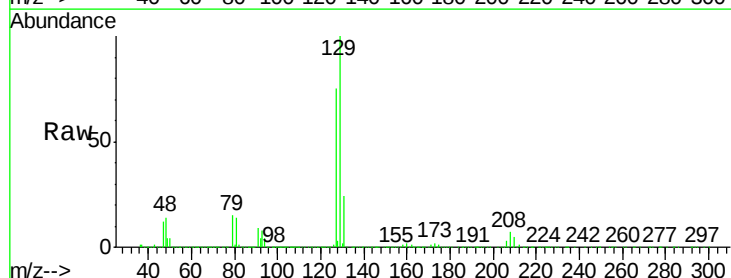
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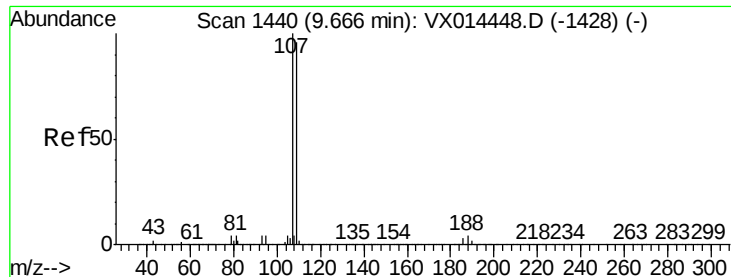
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#60
Dibromochloromethane
Concen: 55.982 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion: 129 Resp: 308891
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.764 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 301012

Ion Ratio Lower Upper

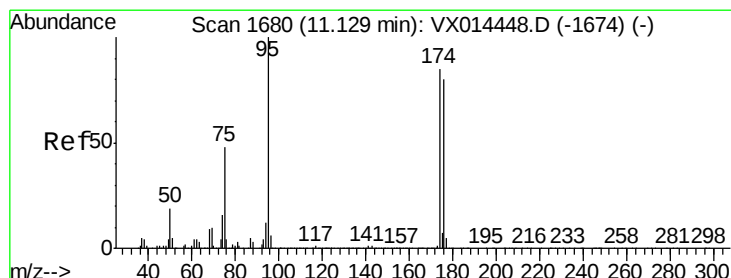
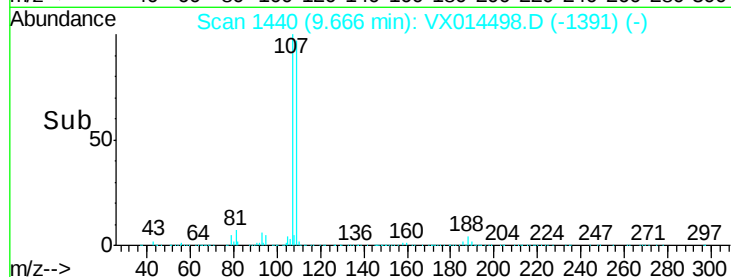
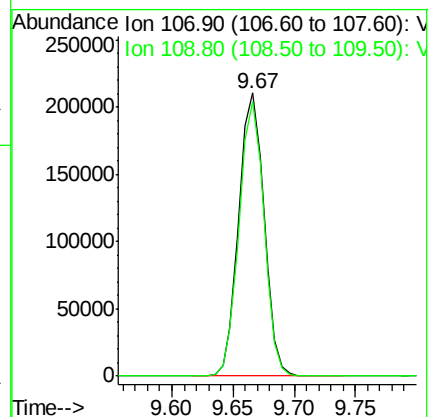
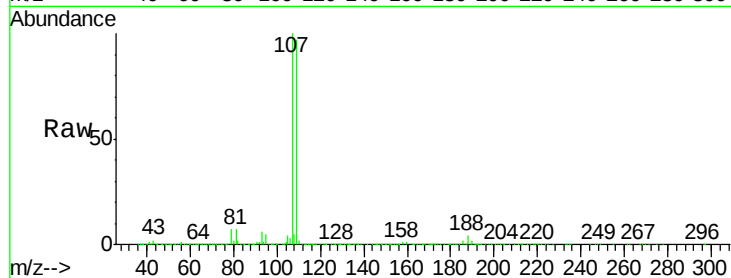
107 100

109 95.3 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 50.876 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

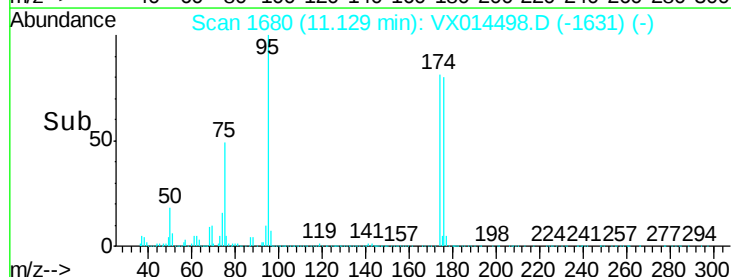
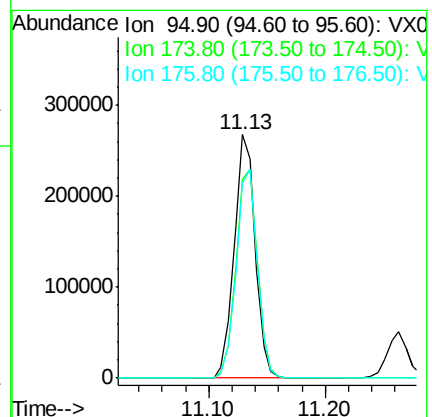
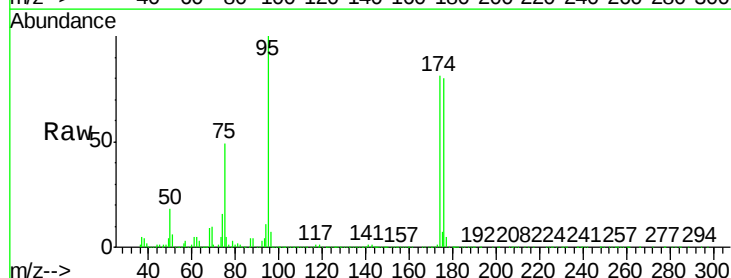
Tgt Ion: 95 Resp: 335619

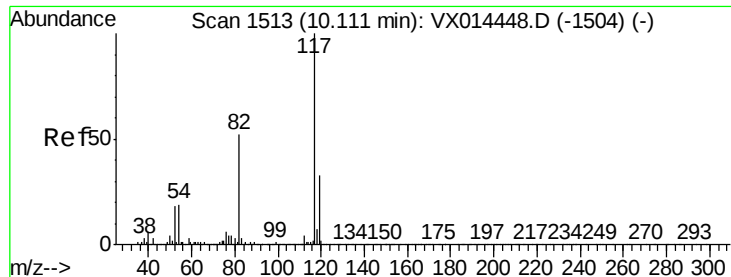
Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.8

176 86.8 0.0 172.8





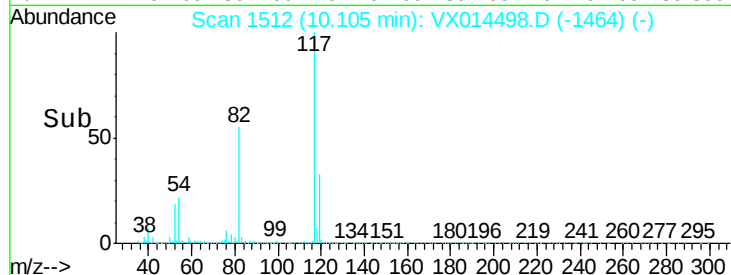
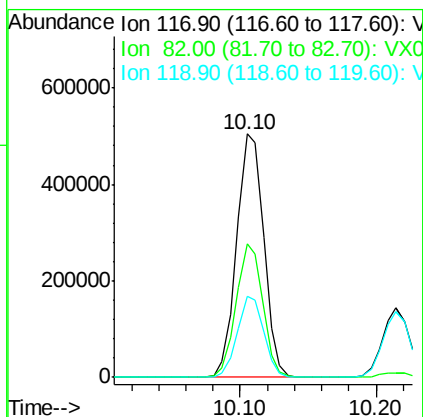
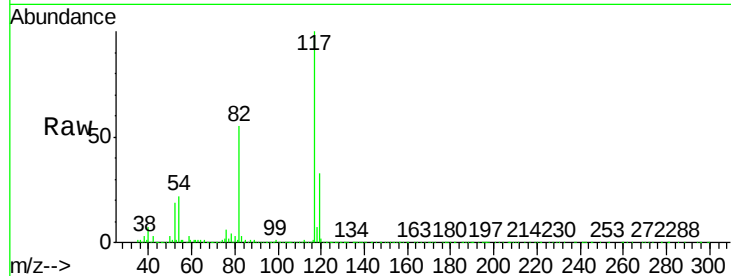
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	41.8	62.6
119	33.0	26.2	39.4

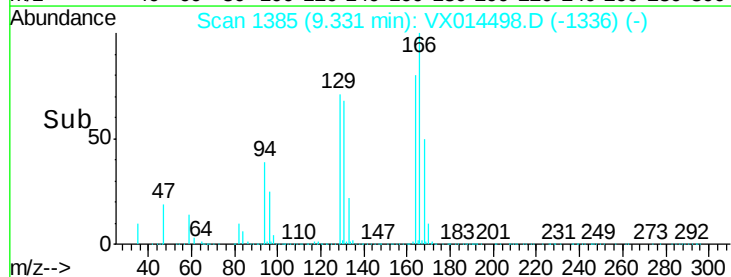
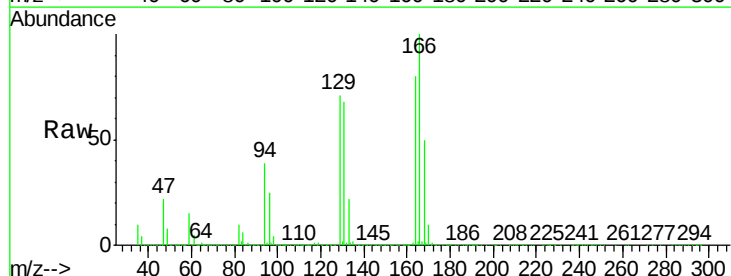
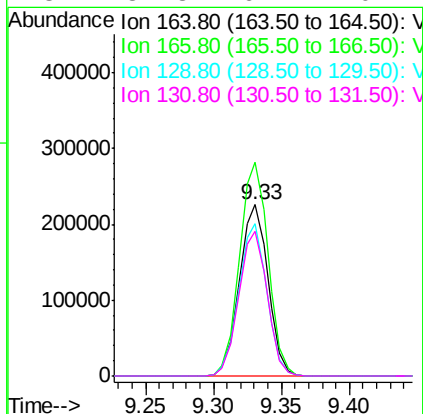
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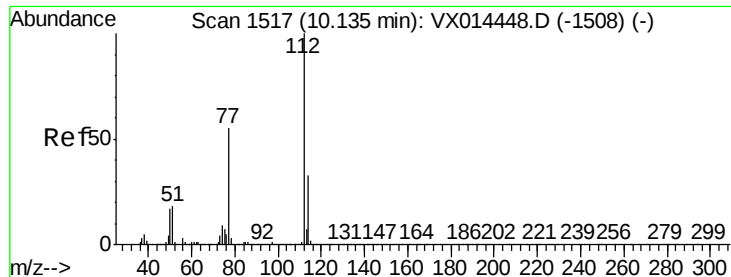
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#64
Tetrachloroethene
Concen: 46.991 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	101.2	151.8
129	88.8	68.3	102.5
131	84.3	67.4	101.2





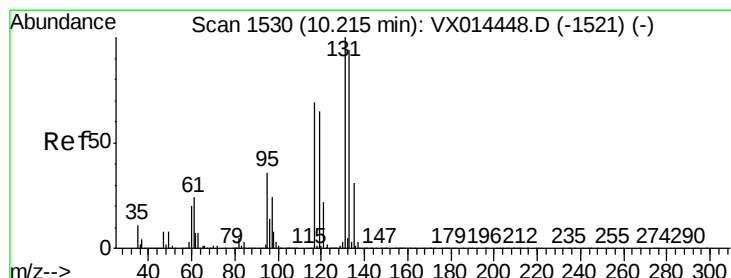
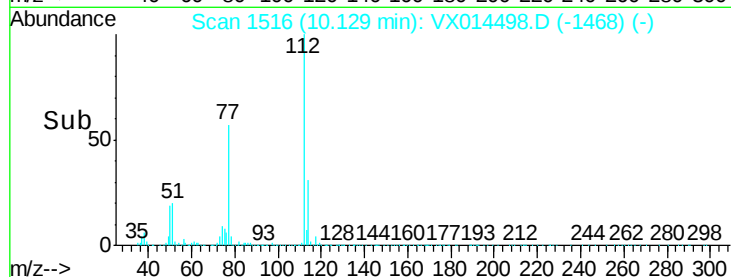
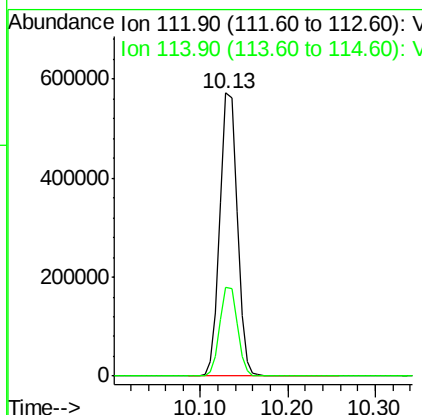
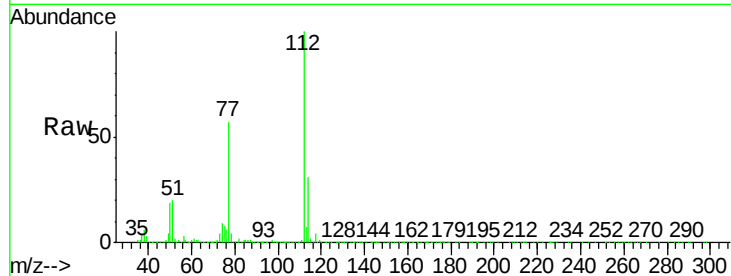
#65
Chlorobenzene
Concen: 51.619 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.4

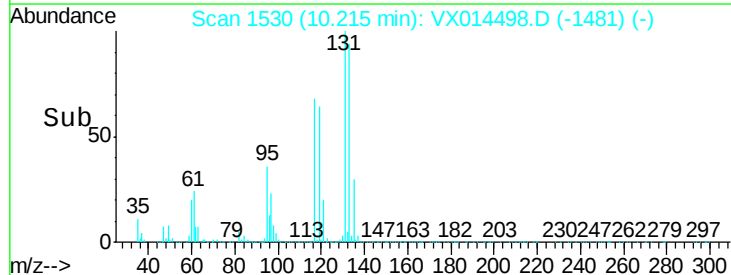
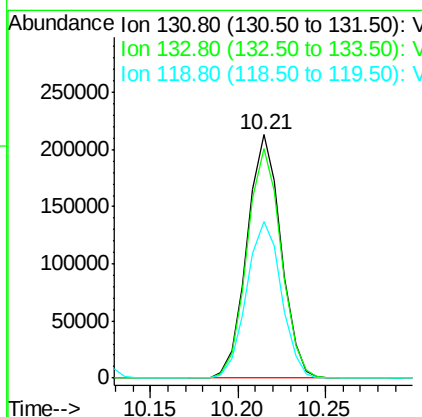
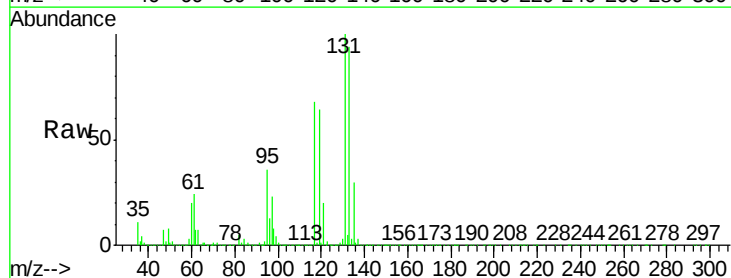
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.001 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	142.0
119	65.8	32.8	98.4





#67

Ethyl Benzene

Concen: 53.628 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1389019

Ion Ratio Lower Upper

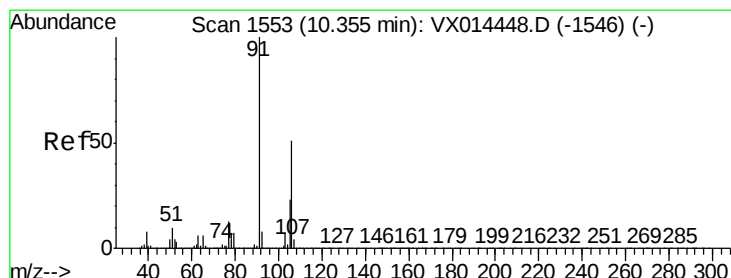
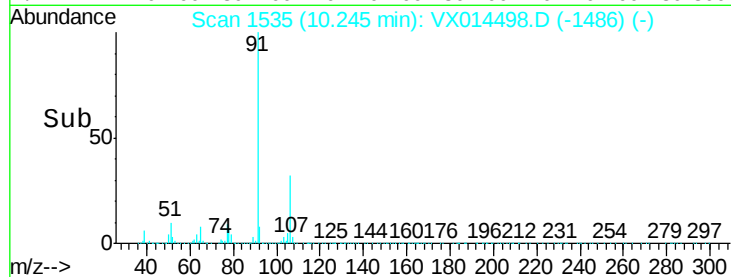
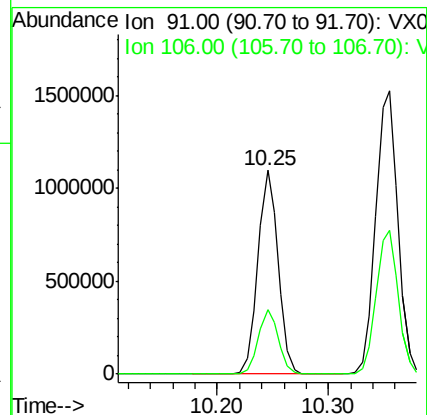
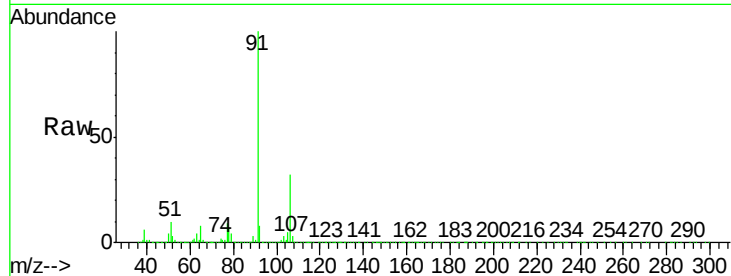
91 100

106 31.9 25.6 38.4

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#68

m/p-Xylenes

Concen: 106.994 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014498.D

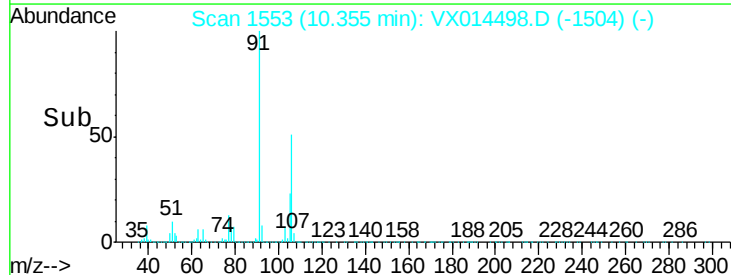
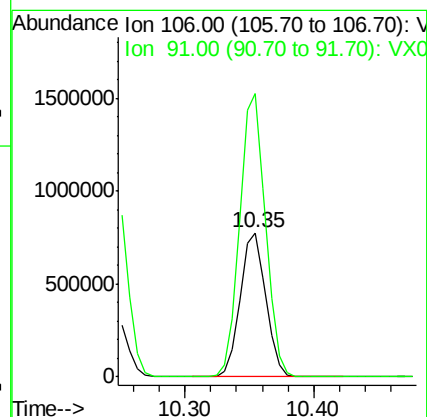
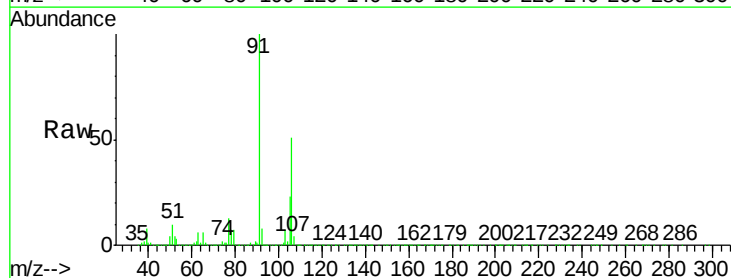
Acq: 09 Jan 2020 15:36

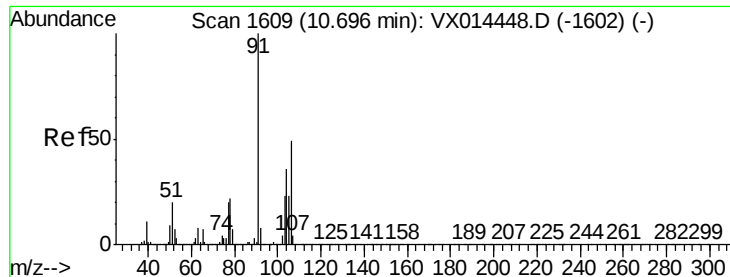
Tgt Ion: 106 Resp: 1069130

Ion Ratio Lower Upper

106 100

91 197.7 157.4 236.0





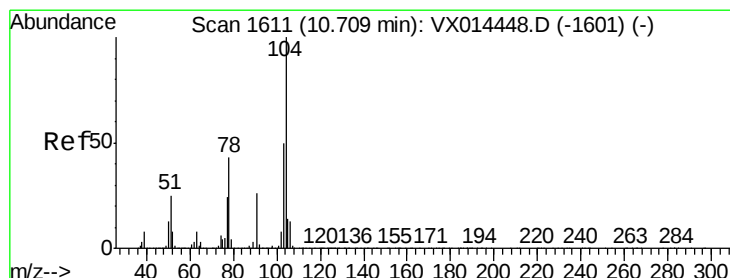
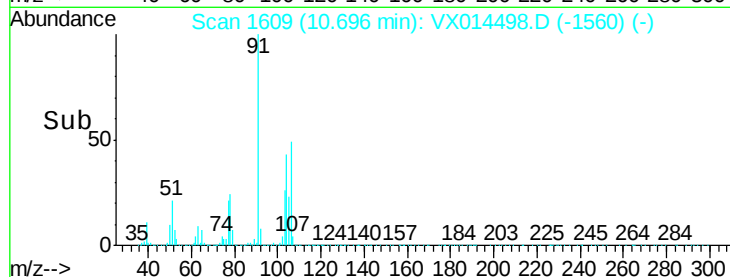
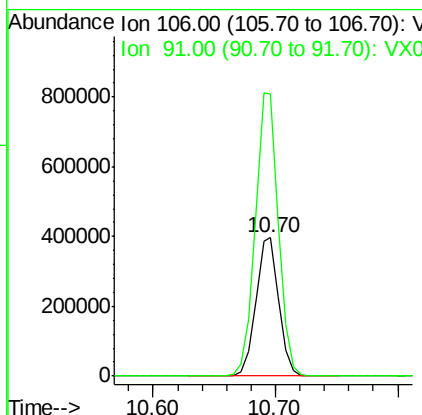
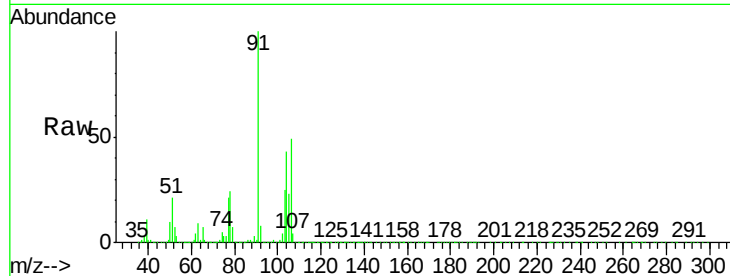
#69
o-Xylene
Concen: 54.295 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 517644
Ion Ratio Lower Upper
106 100
91 207.4 105.1 315.1

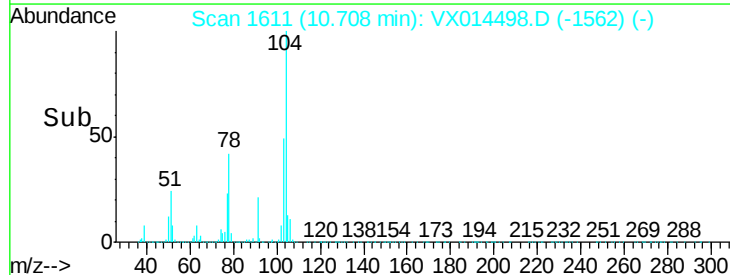
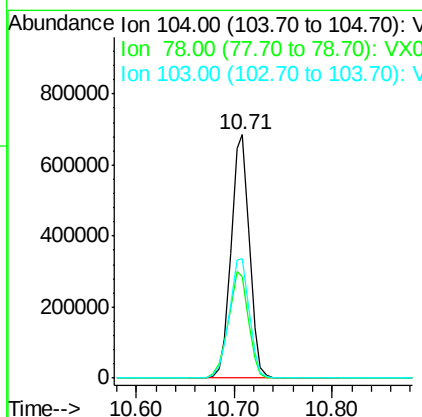
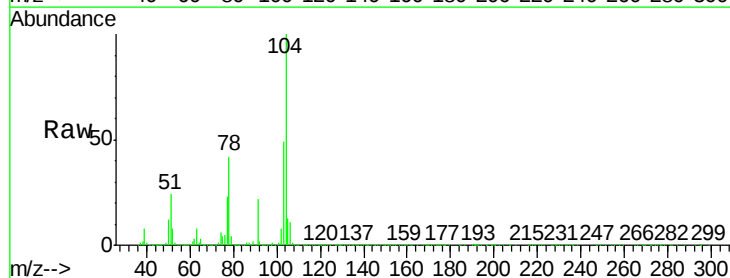
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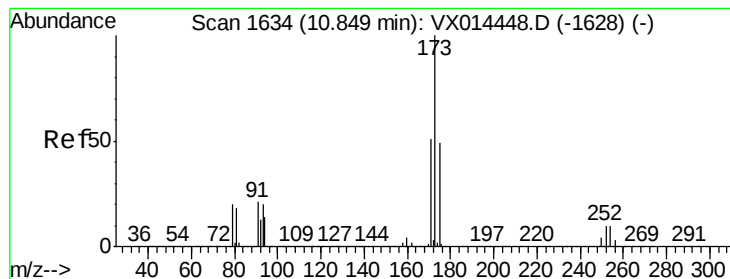
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#70
Styrene
Concen: 54.177 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion:104 Resp: 891381
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 53.8 43.7 65.5





#71

Bromoform

Concen: 53.281 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 236405

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

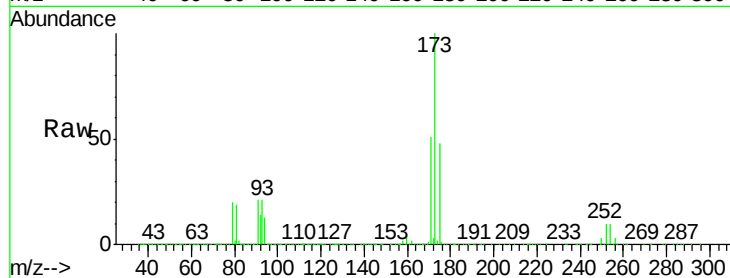
254 0.2 0.2 0.2

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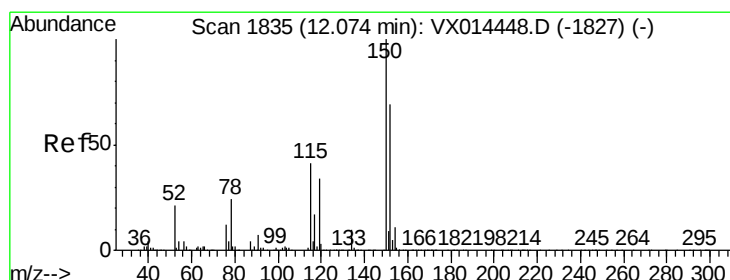
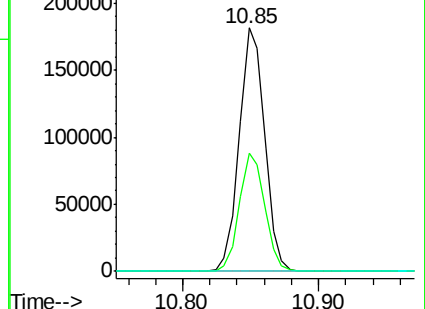
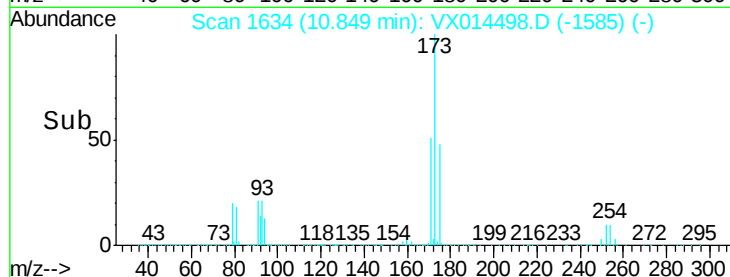
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

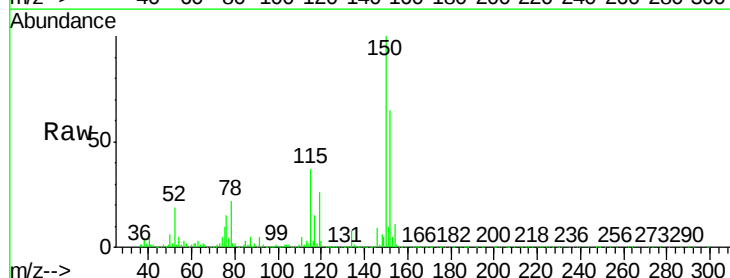
Tgt Ion:152 Resp: 360288

Ion Ratio Lower Upper

152 100

115 79.5 39.5 118.3

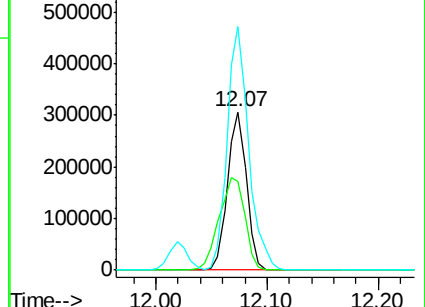
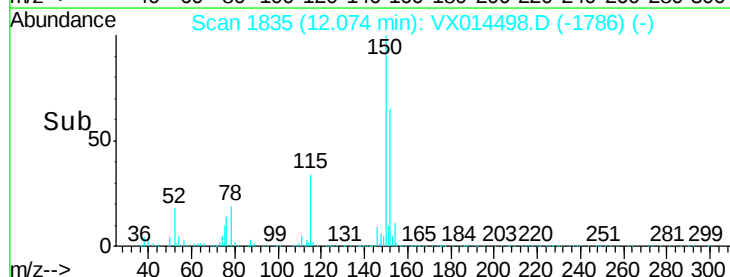
150 174.2 0.0 350.2

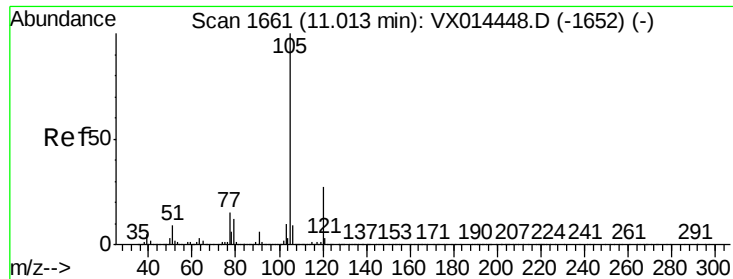


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.447 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1377512

Ion Ratio Lower Upper

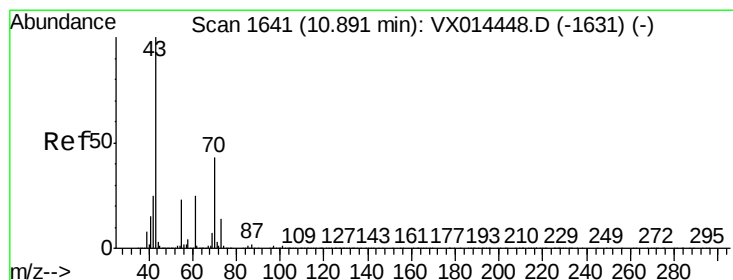
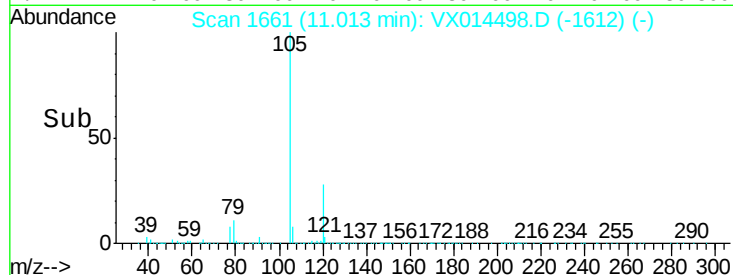
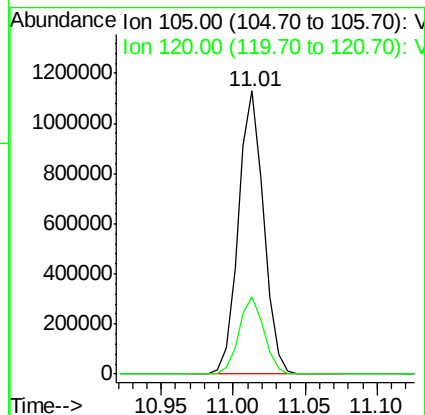
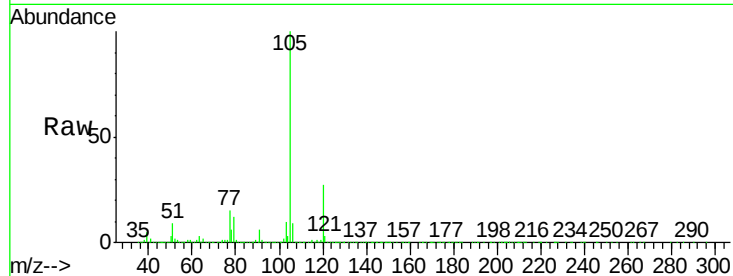
105 100

120 27.1 13.4 40.2

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#74

N-ethyl acetate

Concen: 53.715 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Tgt Ion: 43 Resp: 599563

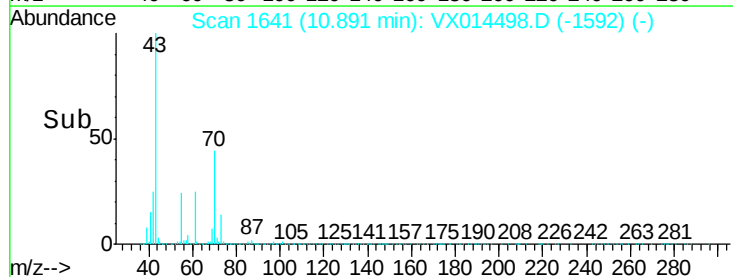
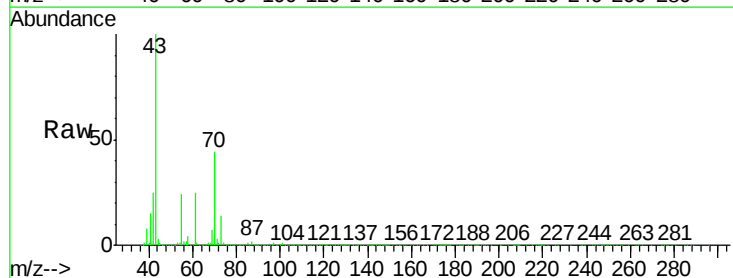
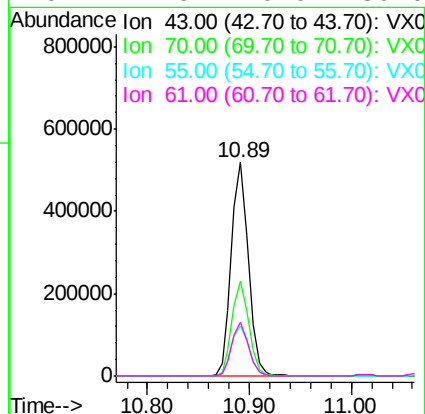
Ion Ratio Lower Upper

43 100

70 43.8 35.1 52.7

55 24.1 19.3 28.9

61 24.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.498 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 425950

Ion Ratio Lower Upper

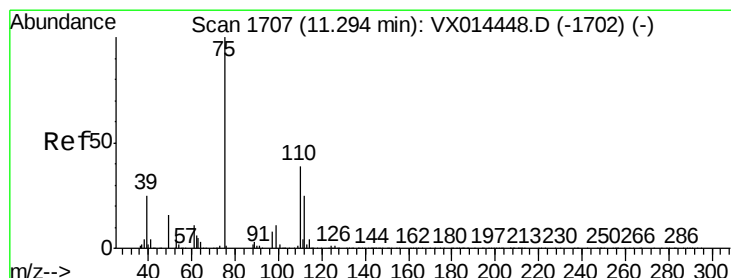
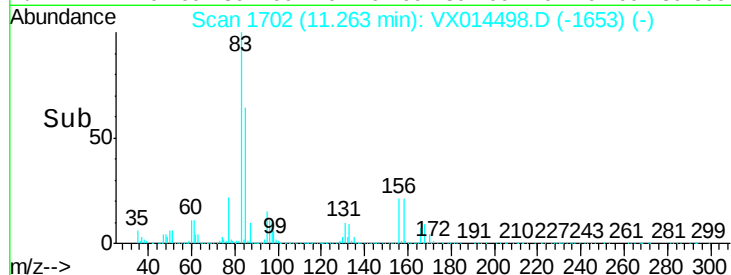
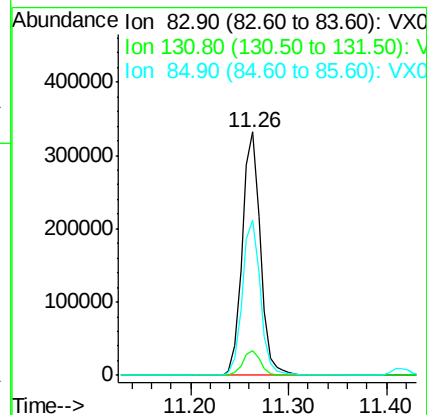
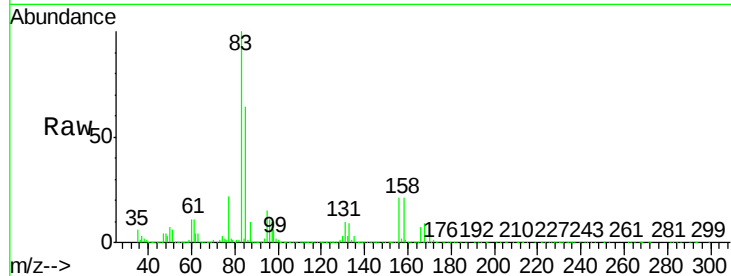
83 100

131 10.0 5.1 15.4

85 63.7 32.5 97.4

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#76

1,2,3-Trichloropropane

Concen: 47.680 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014498.D

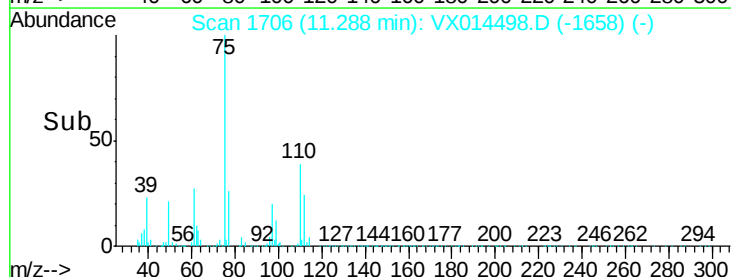
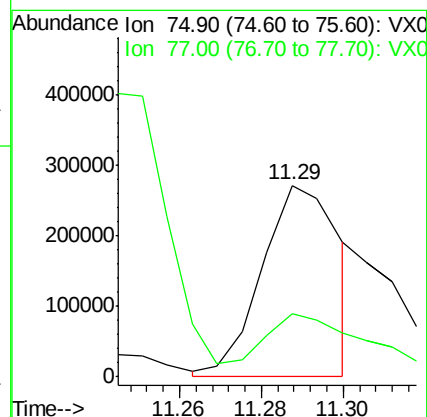
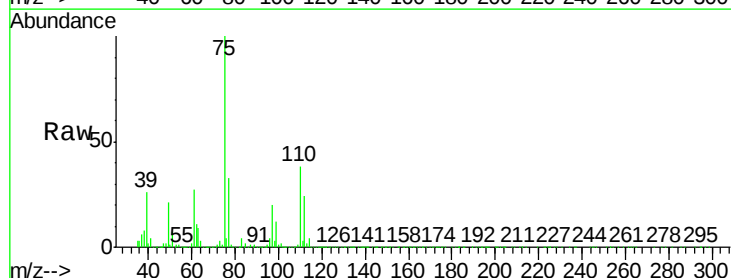
Acq: 09 Jan 2020 15:36

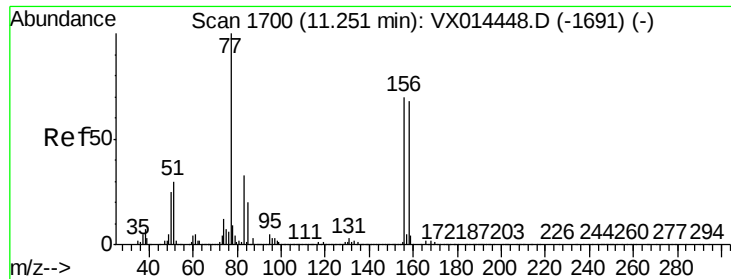
Tgt Ion: 75 Resp: 355424

Ion Ratio Lower Upper

75 100

77 45.1 21.9 65.7





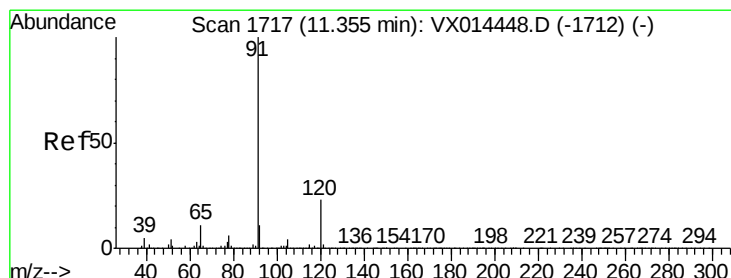
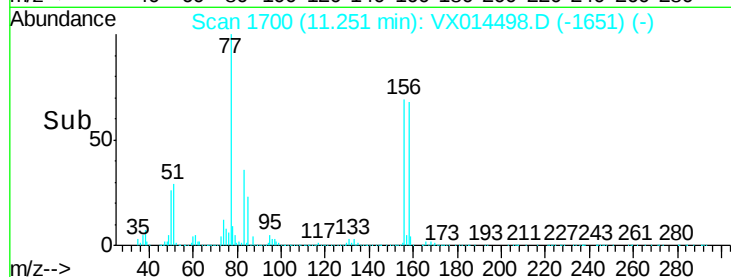
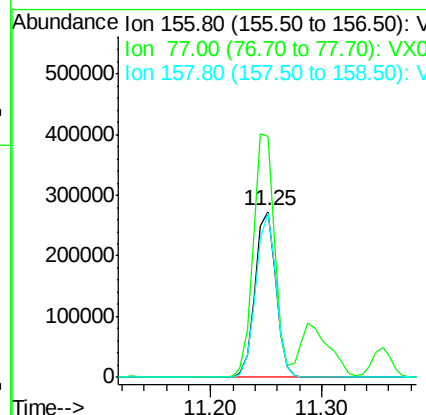
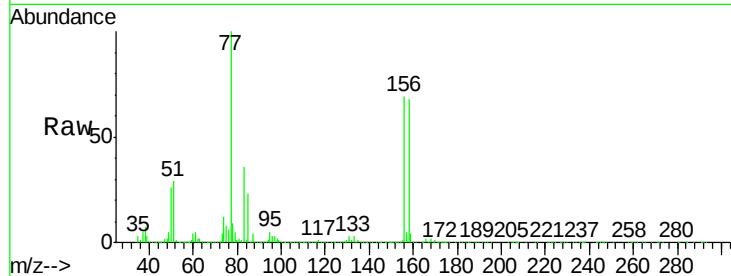
#77
Bromobenzene
Concen: 50.517 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.9	75.4	226.3
158	96.6	48.8	146.3

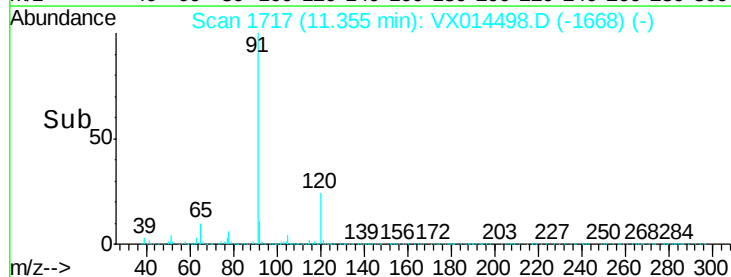
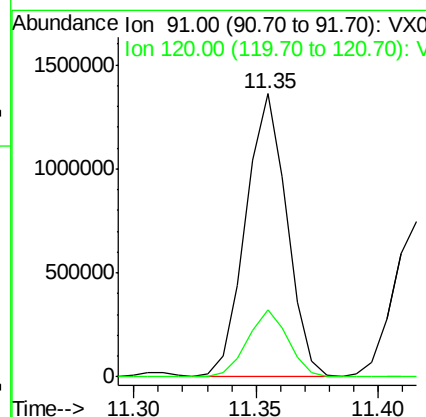
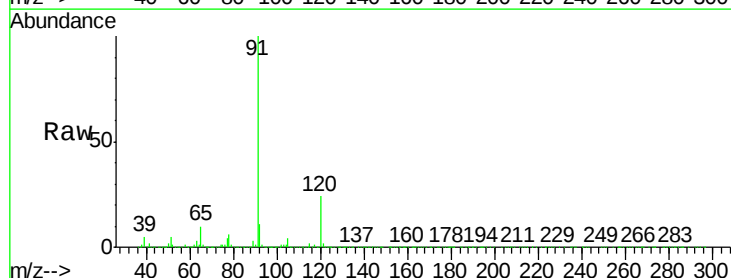
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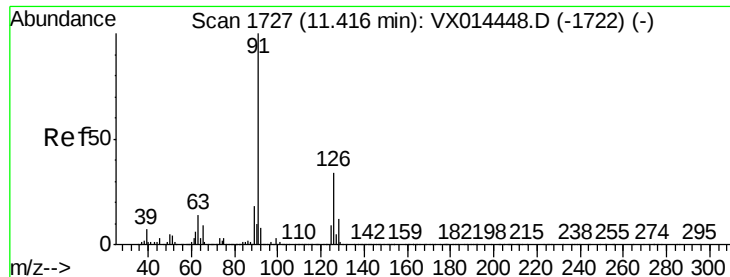
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#78
n-propylbenzene
Concen: 54.907 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5





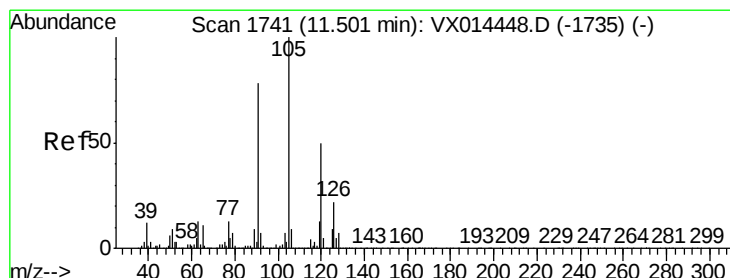
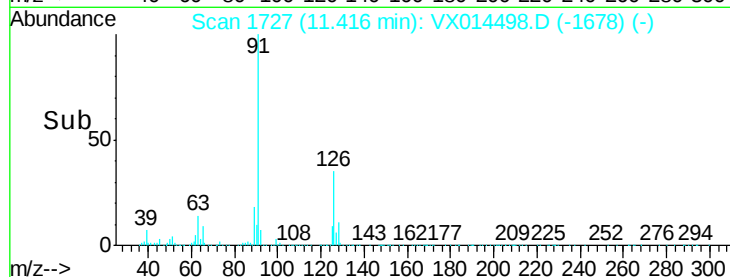
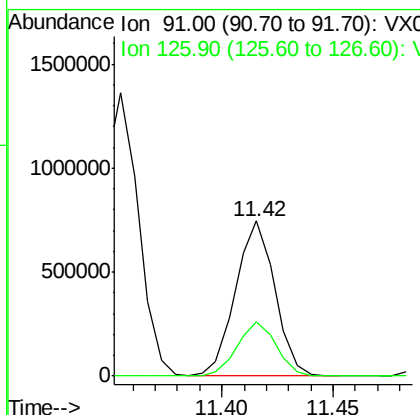
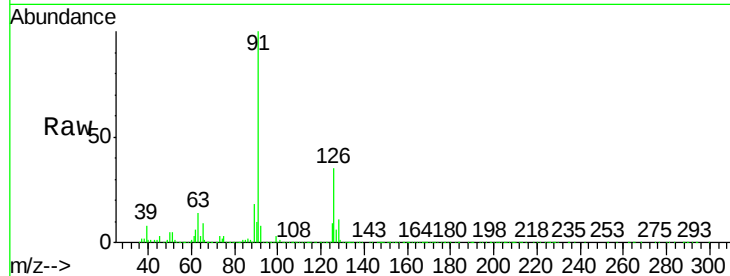
#79
2-Chlorotoluene
Concen: 53.027 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 915708
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5

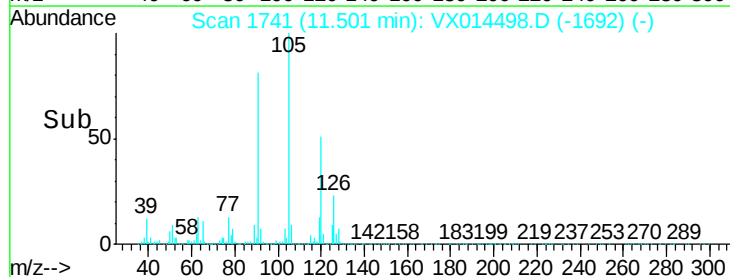
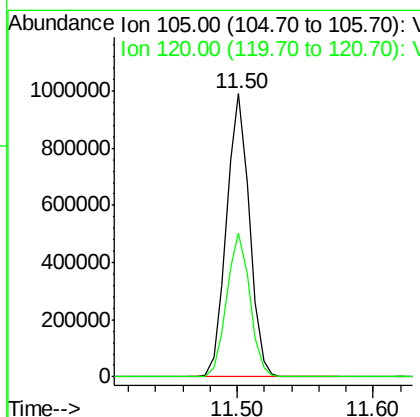
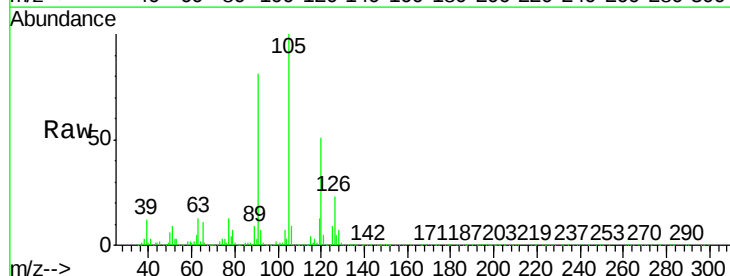
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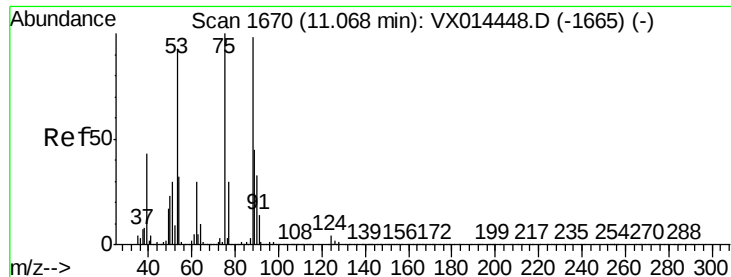
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#80
1,3,5-Trimethylbenzene
Concen: 54.789 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion: 105 Resp: 1150850
Ion Ratio Lower Upper
105 100
120 51.1 25.2 75.6





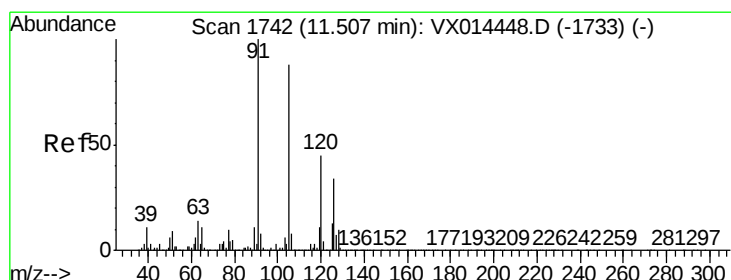
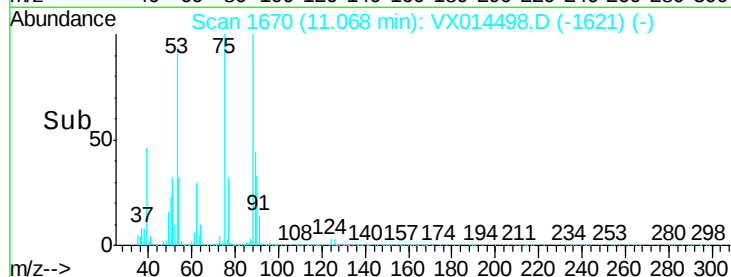
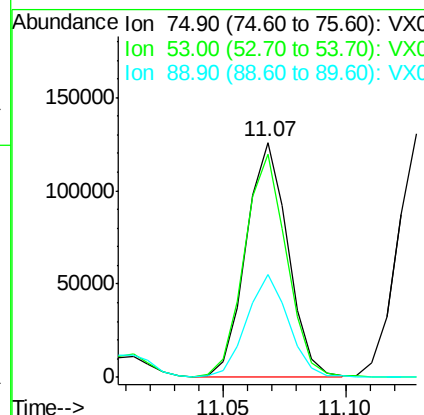
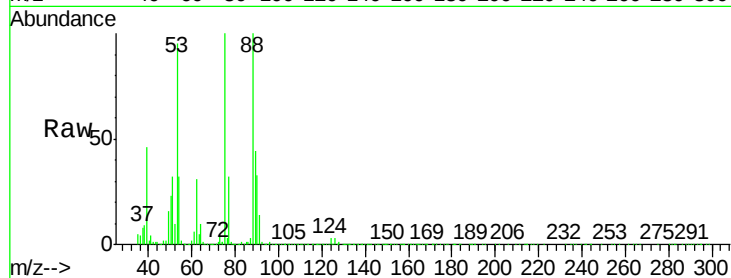
#81
trans-1,4-Dichloro-2-butene
Concen: 53.145 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	74.8	112.2
89	44.3	36.3	54.5

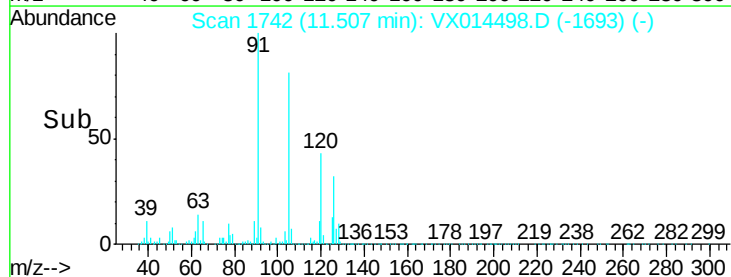
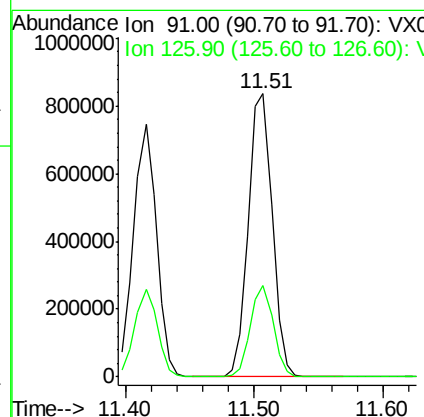
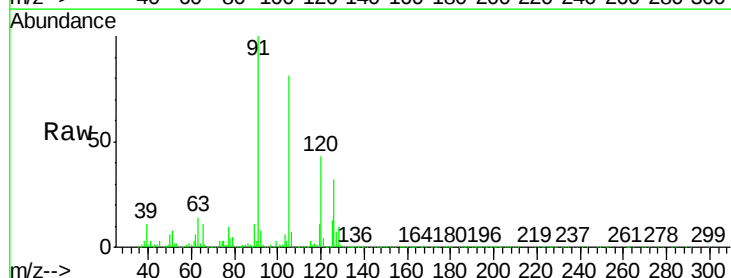
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#82
4-Chlorotoluene
Concen: 52.615 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.7





#83

tert-Butylbenzene

Concen: 55.158 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

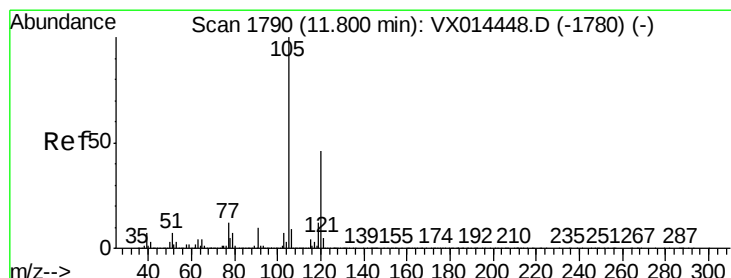
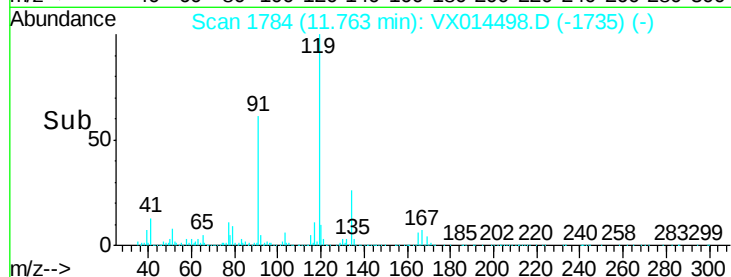
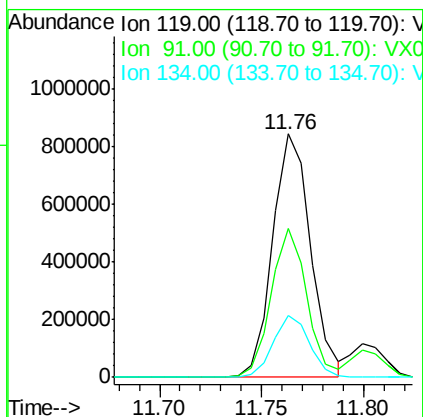
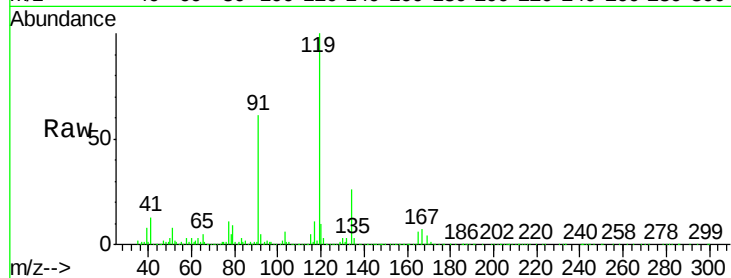
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1094715
Ion	Ratio	Lower	Upper
119	100		
91	57.4	29.3	88.0
134	24.6	12.4	37.4

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#84

1,2,4-Trimethylbenzene

Concen: 54.591 ug/l

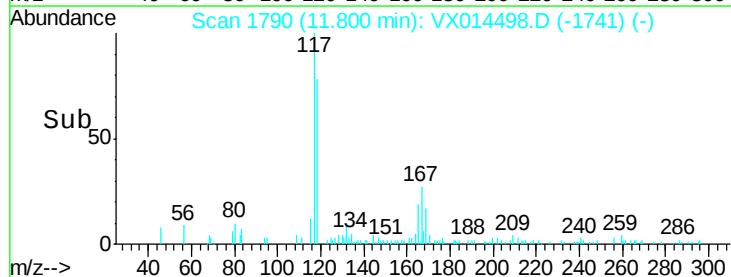
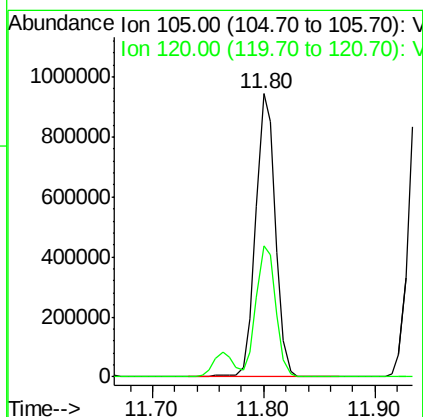
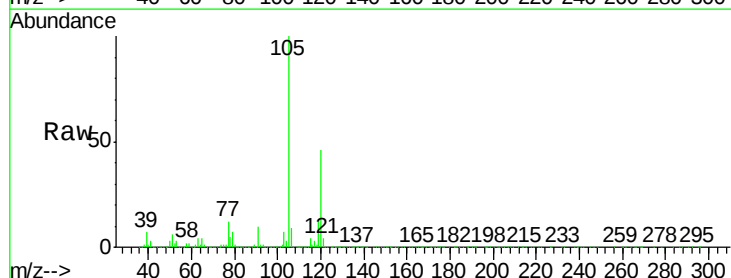
RT: 11.80 min Scan# 1790

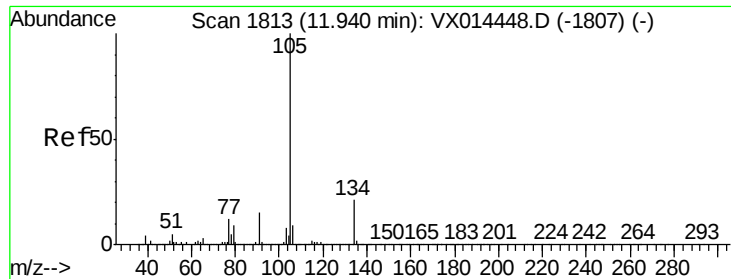
Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Tgt Ion:	105	Resp:	1158681
Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 54.649 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1348344

Ion Ratio Lower Upper

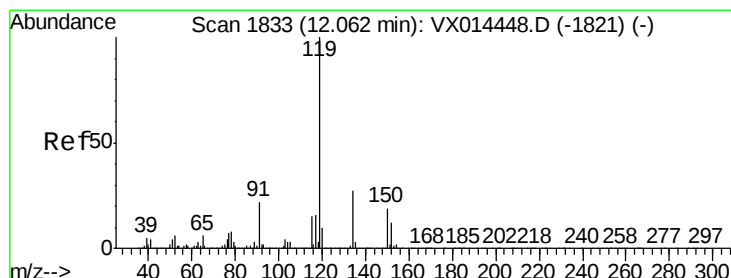
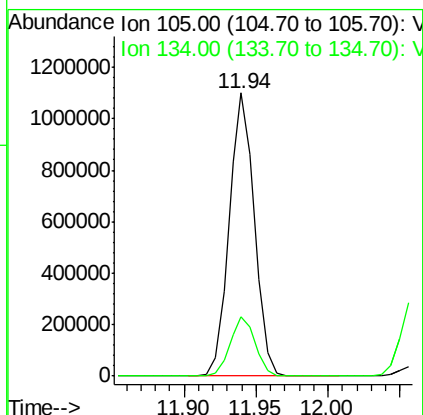
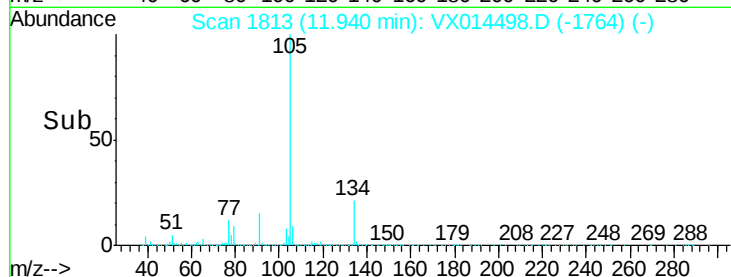
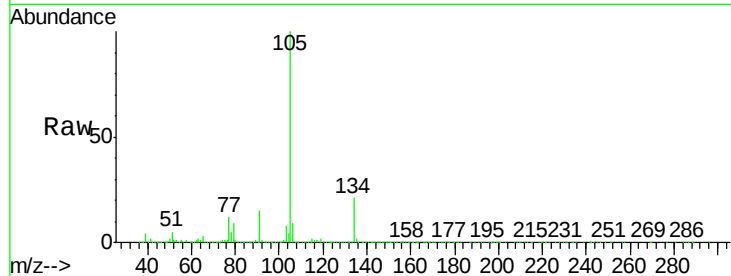
105 100

134 20.8 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 54.442 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

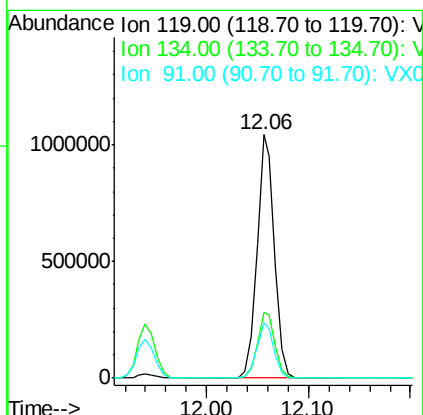
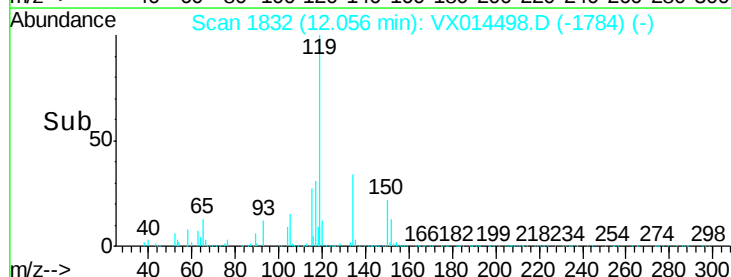
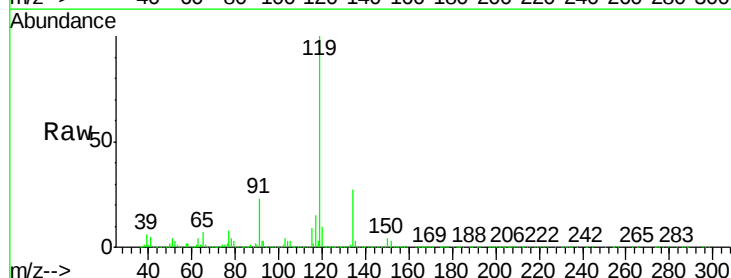
Tgt Ion:119 Resp: 1246440

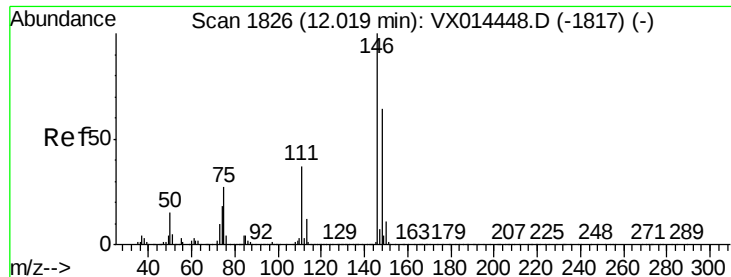
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

91 22.4 11.1 33.3





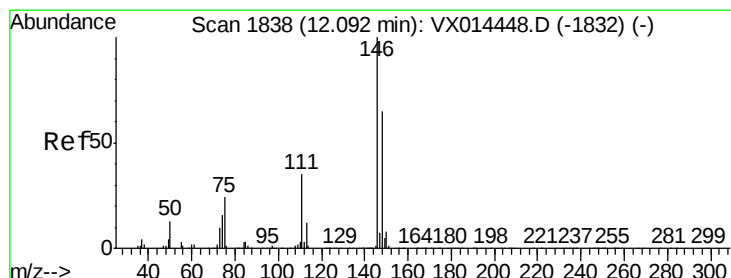
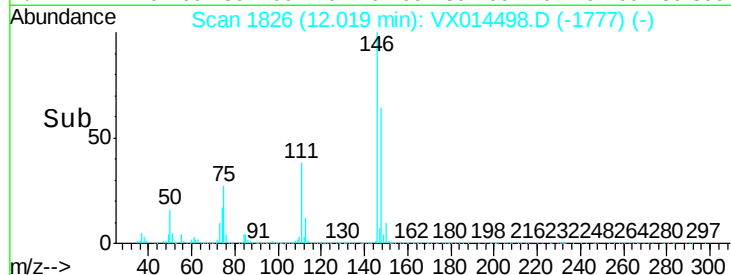
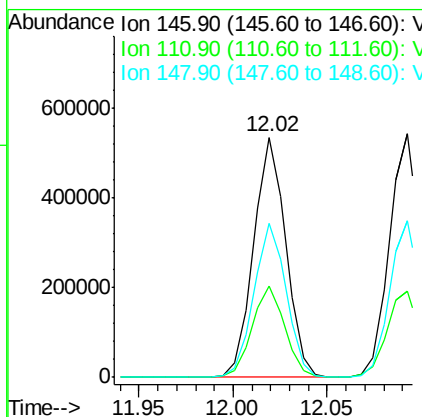
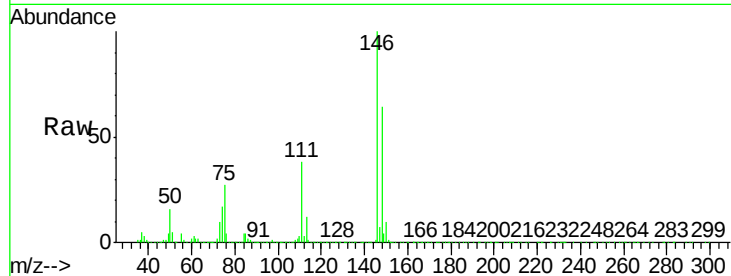
#87
 1,3-Dichlorobenzene
 Concen: 50.563 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.3	32.2	96.6

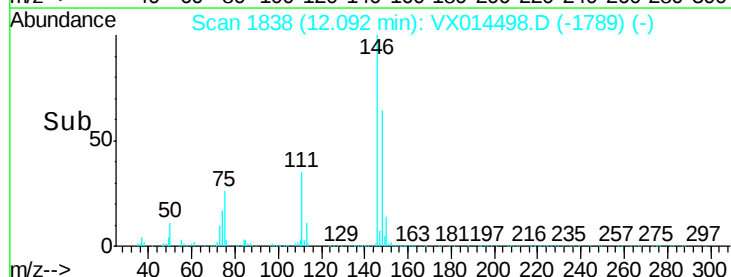
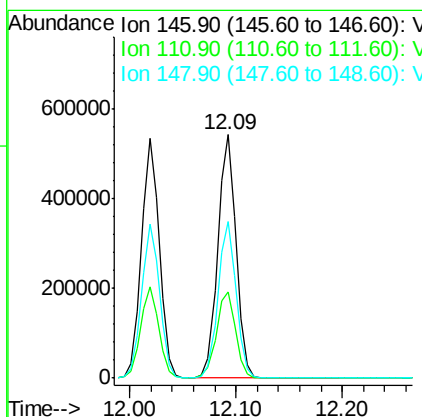
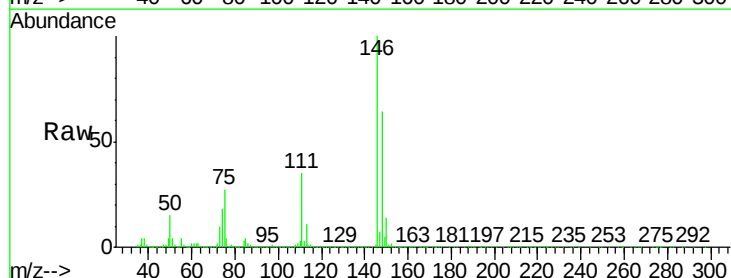
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#88
 1,4-Dichlorobenzene
 Concen: 54.494 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	63.9	32.1	96.3





#89

n-Butylbenzene

Concen: 53.802 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014498.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1126256

Ion Ratio Lower Upper

91 100

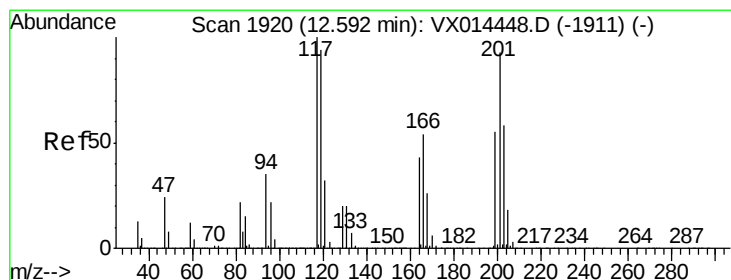
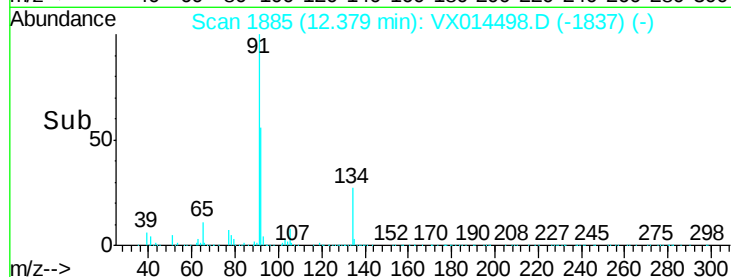
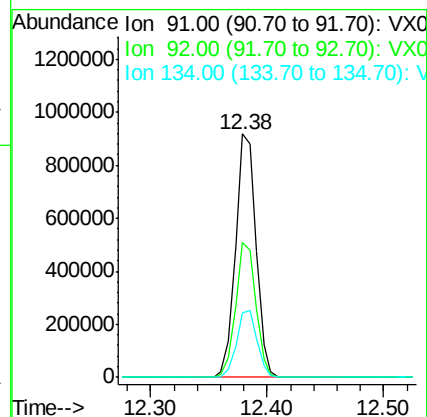
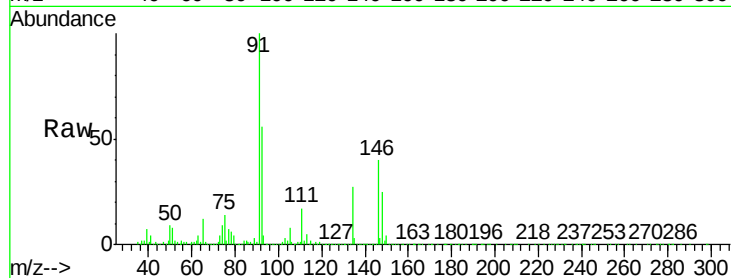
92 54.7 27.4 82.2

134 27.7 13.9 41.7

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#90

Hexachloroethane

Concen: 55.161 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014498.D

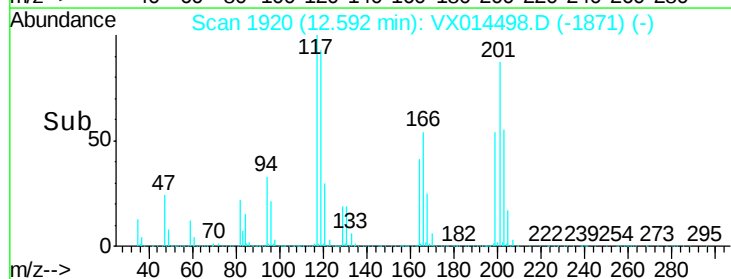
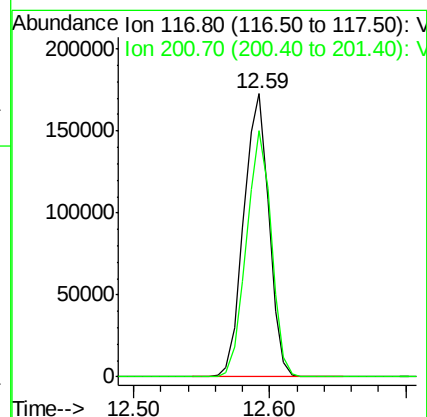
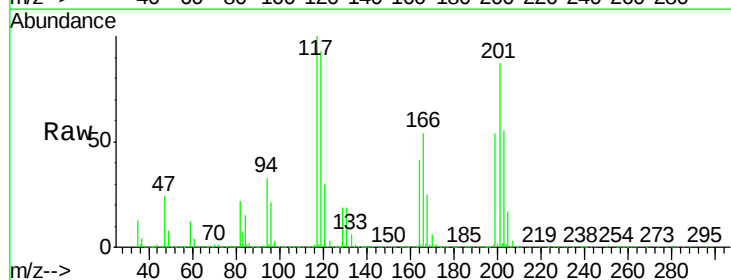
Acq: 09 Jan 2020 15:36

Tgt Ion: 117 Resp: 221838

Ion Ratio Lower Upper

117 100

201 86.5 44.8 134.3





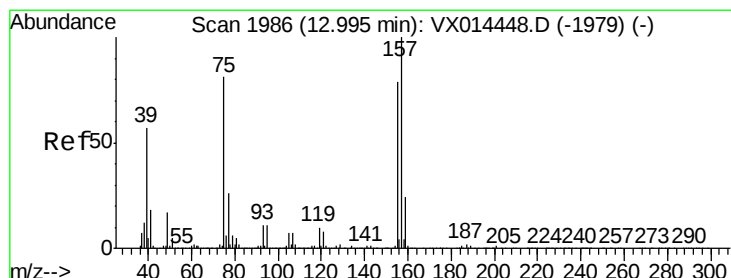
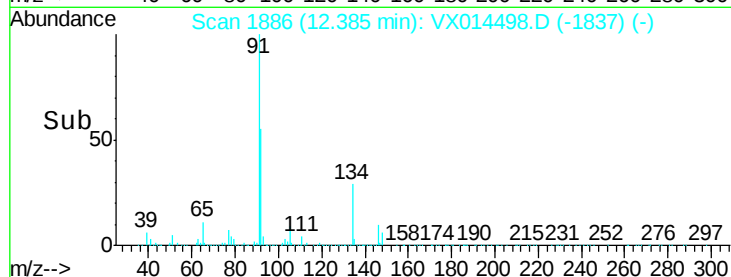
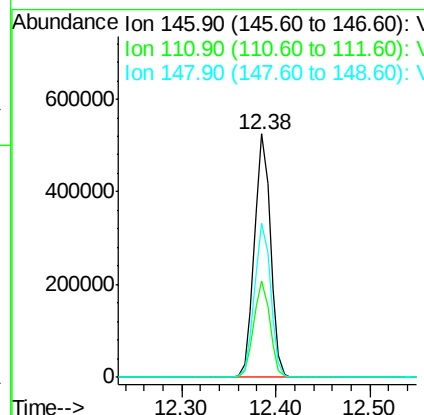
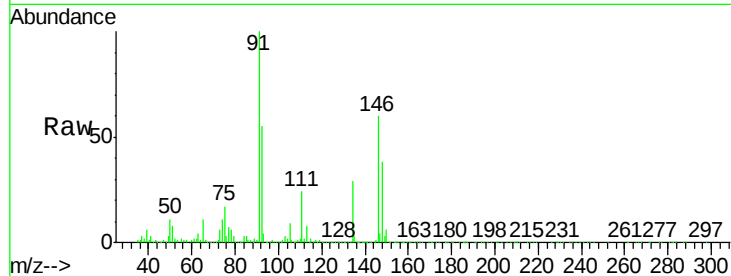
#91
 1,2-Dichlorobenzene
 Concen: 51.289 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	63.6	32.3	96.8

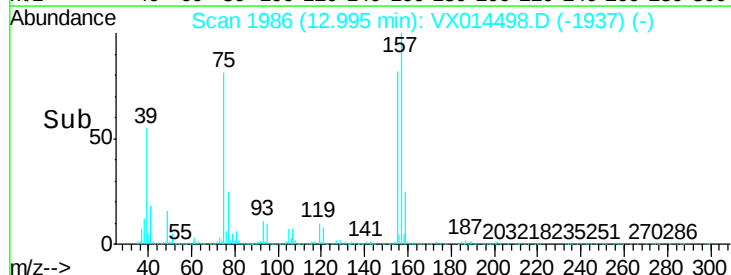
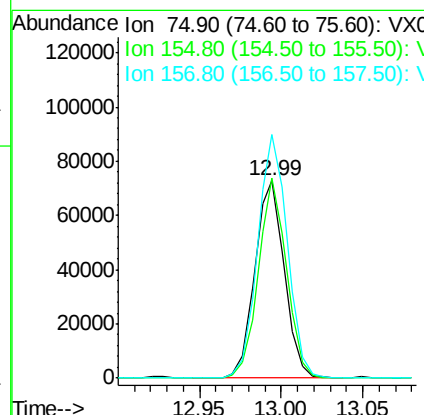
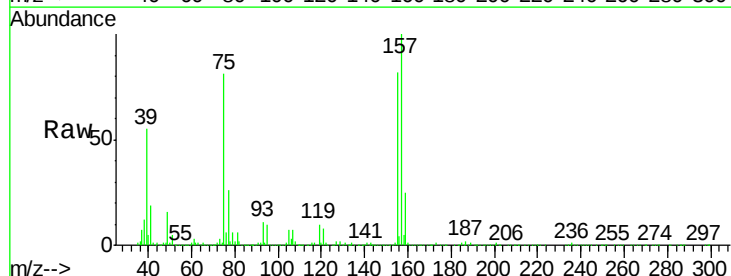
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.789 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	48.7	146.1
157	124.4	62.0	185.9





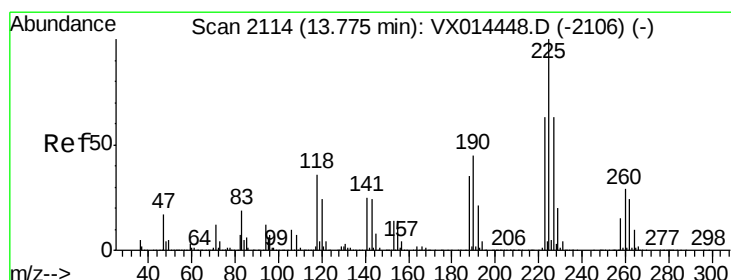
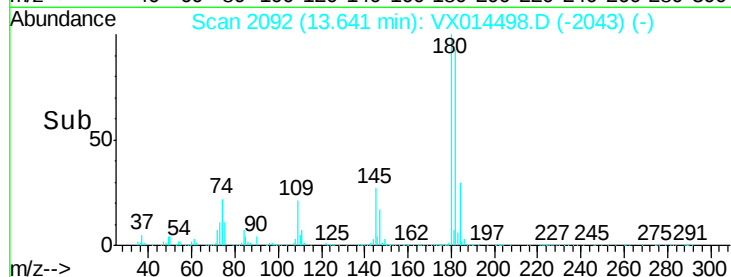
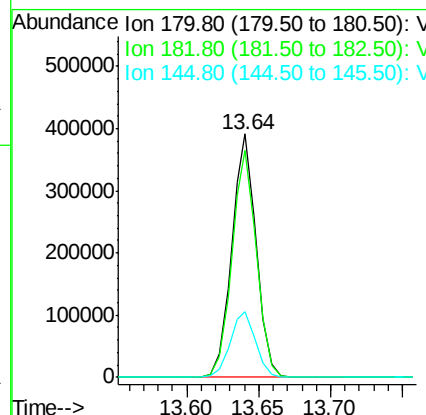
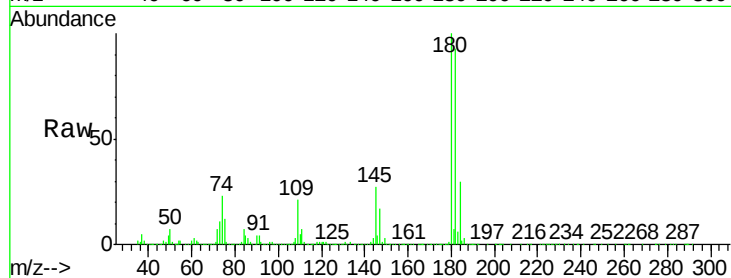
#93
 1,2,4-Trichlorobenzene
 Concen: 53.666 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	464592		
182	93.6	47.5	142.5	
145	28.1	13.9	41.6	

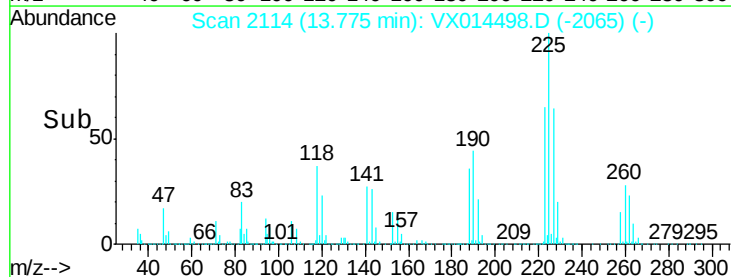
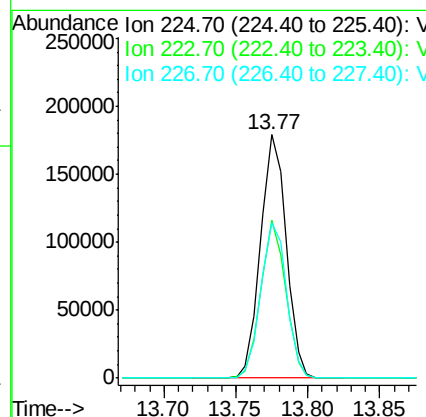
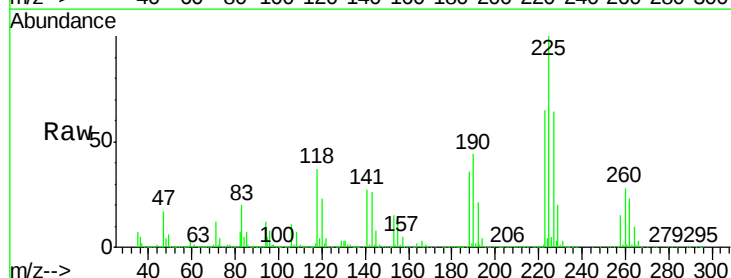
Manual Integrations
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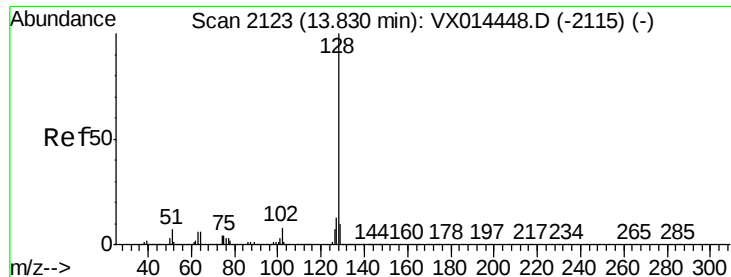
apatel
 1/10/2020 8:34:58 AM



#94
 Hexachlorobutadiene
 Concen: 53.948 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014498.D
 Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	218791		
223	62.9	31.1	93.2	
227	64.1	31.4	94.2	





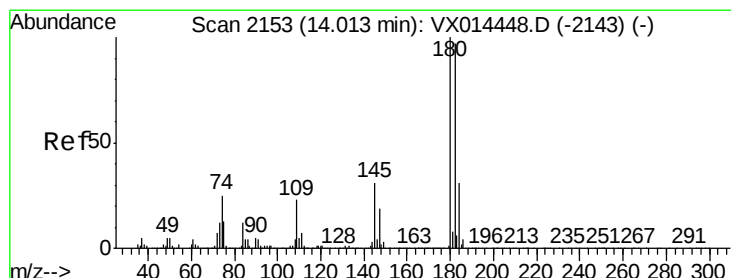
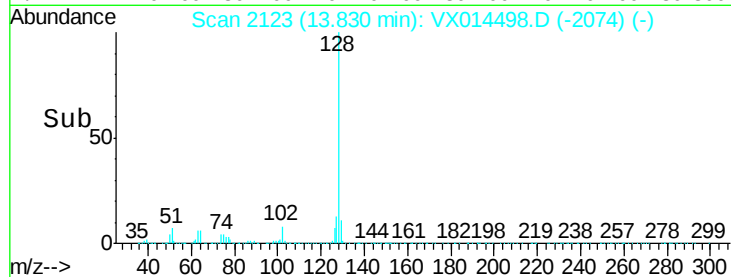
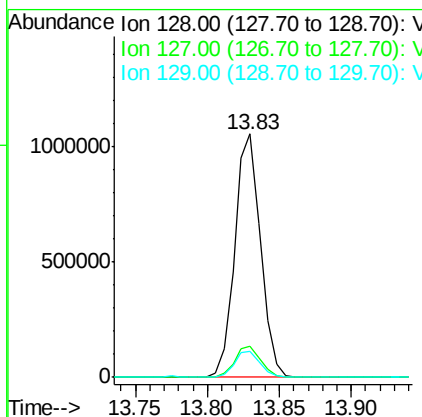
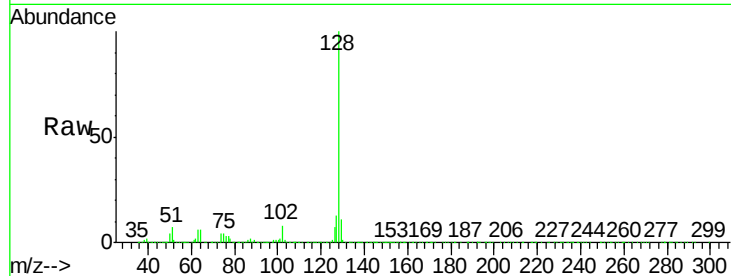
#95
Naphthalene
Concen: 48.862 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.149 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014498.D
Acq: 09 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	30.0	14.8	44.3

