

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014417.D
 Acq On : 06 Jan 2020 10:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 1/7/2020 9:08:09 AM

Quant Time: Jan 06 16:03:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	513700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	753731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	688309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350577	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	263198	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
35) Dibromofluoromethane	5.48	113	225427	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	843578	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	312025	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	189768	41.292	ug/l	99
3) Chloromethane	1.32	50	250816	40.667	ug/l	97
4) Vinyl Chloride	1.40	62	285620	43.889	ug/l	100
5) Bromomethane	1.63	94	221442	47.942	ug/l	99
6) Chloroethane	1.71	64	181087	45.085	ug/l	94
7) Trichlorofluoromethane	1.92	101	393727	48.873	ug/l	99
8) Diethyl Ether	2.18	74	178510	47.214	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	243259	50.092	ug/l	99
10) Methyl Iodide	2.50	142	300477	47.080	ug/l	99
11) Tert butyl alcohol	3.03	59	289535	230.152	ug/l	100
12) 1,1-Dichloroethene	2.36	96	231609	46.871	ug/l	99
13) Acrolein	2.28	56	183779	255.203	ug/l	98
14) Allyl chloride	2.72	41	438628	49.715	ug/l	99
15) Acrylonitrile	3.13	53	722782	246.154	ug/l	100
16) Acetone	2.43	43	822749	217.671	ug/l	99
17) Carbon Disulfide	2.56	76	554110	40.536	ug/l	99
18) Methyl Acetate	2.76	43	373536	49.873	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	839177	51.680	ug/l	98
20) Methylene Chloride	2.84	84	273612	45.969	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	253451	46.556	ug/l	97
22) Diisopropyl ether	3.84	45	912558	51.904	ug/l	93
23) Vinyl Acetate	3.80	43	3825336	266.617	ug/l	100
24) 1,1-Dichloroethane	3.69	63	480304	49.102	ug/l	99
25) 2-Butanone	4.65	43	1129321	242.342	ug/l	100
26) 2,2-Dichloropropane	4.57	77	406672	53.547	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	304884	49.520	ug/l	99
28) Bromochloromethane	5.00	49	205442	54.569	ug/l	99
29) Tetrahydrofuran	5.11	42	641228	246.014	ug/l	99
30) Chloroform	5.20	83	475285	51.255	ug/l	97
31) Cyclohexane	5.56	56	418450	48.098	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	400792	50.714	ug/l	99
36) 1,1-Dichloropropene	5.79	75	350822	50.727	ug/l	100
37) Ethyl Acetate	4.81	43	397626	52.065	ug/l	100
38) Carbon Tetrachloride	5.77	117	346072	54.929	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	436806	51.151	ug/l	99
40) Benzene	6.13	78	1071319	50.345	ug/l	99
41) Methacrylonitrile	5.02	41	222748	52.566	ug/l	98
42) 1,2-Dichloroethane	6.18	62	371277	51.472	ug/l	99
43) Isopropyl Acetate	6.43	43	672434	53.203	ug/l	100
44) Trichloroethene	7.20	130	302522	51.471	ug/l	99
45) 1,2-Dichloropropane	7.50	63	289076	53.002	ug/l	94
46) Dibromomethane	7.65	93	184567	51.183	ug/l	99
47) Bromodichloromethane	7.89	83	376730	55.472	ug/l	98
48) Methyl methacrylate	7.76	41	329421	53.227	ug/l	99
49) 1,4-Dioxane	7.73	88	116816	927.497	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2047328	257.930	ug/l	100
52) Toluene	8.78	92	684578	50.898	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	421890	56.654	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	467447	56.345	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	281960	52.305	ug/l	99
56) Ethyl methacrylate	9.17	69	457206	53.993	ug/l	100
57) 1,3-Dichloropropane	9.36	76	474897	52.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	948588	296.015	ug/l	100
59) 2-Hexanone	9.48	43	1630074	255.108	ug/l	99
60) Dibromochloromethane	9.57	129	308240	57.525	ug/l	100
61) 1,2-Dibromoethane	9.67	107	291532	52.857	ug/l	100
64) Tetrachloroethene	9.33	164	310663	51.006	ug/l	97
65) Chlorobenzene	10.13	112	748845	51.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	283973	54.343	ug/l	100
67) Ethyl Benzene	10.25	91	1315645	52.289	ug/l	100
68) m/p-Xylenes	10.36	106	1011571	104.530	ug/l	99
69) o-Xylene	10.69	106	493695	52.017	ug/l	100
70) Styrene	10.71	104	847583	52.811	ug/l	99
71) Bromoform	10.85	173	241203	57.423	ug/l	# 100
73) Isopropylbenzene	11.01	105	1327541	53.783	ug/l	99
74) N-amyl acetate	10.89	43	596806	51.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	427155	49.916	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	359752m	47.268	ug/l	
77) Bromobenzene	11.25	156	338317	49.816	ug/l	99
78) n-propylbenzene	11.35	91	1506579	54.415	ug/l	99
79) 2-Chlorotoluene	11.42	91	879683	52.269	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1100292	52.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	152868	56.691	ug/l	98
82) 4-Chlorotoluene	11.51	91	1018712	52.182	ug/l	100
83) tert-Butylbenzene	11.76	119	1076072	53.228	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1102654	53.003	ug/l	100
85) sec-Butylbenzene	11.94	105	1312463	54.994	ug/l	100
86) p-Isopropyltoluene	12.06	119	1203443	55.126	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	615165	51.684	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	609056	50.325	ug/l	99
89) n-Butylbenzene	12.39	91	1055256	56.650	ug/l	99
90) Hexachloroethane	12.59	117	219090	55.874	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	608448	50.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92071	48.619	ug/l	97

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ClientSampleId :
VSTDCCC050

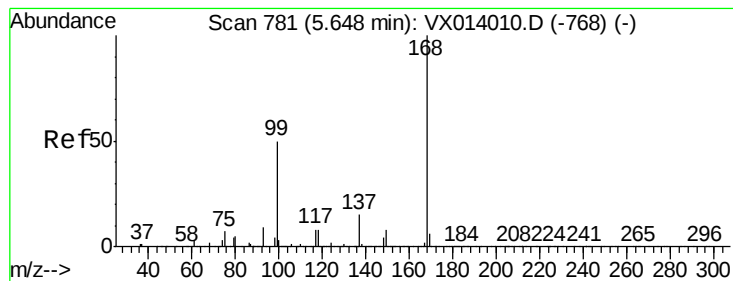
Manual Integrations
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QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	426710	54.794	ug/l	97
94) Hexachlorobutadiene	13.78	225	217969	58.238	ug/l	99
95) Naphthalene	13.83	128	1257943	54.979	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	431881	56.180	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

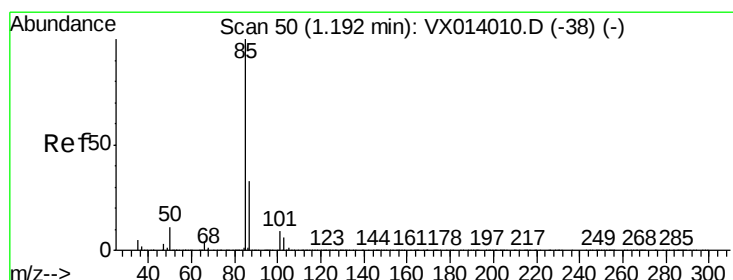
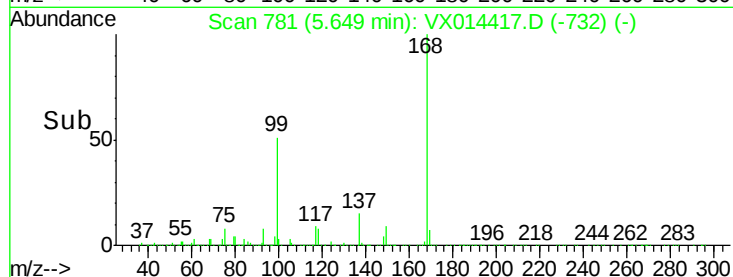
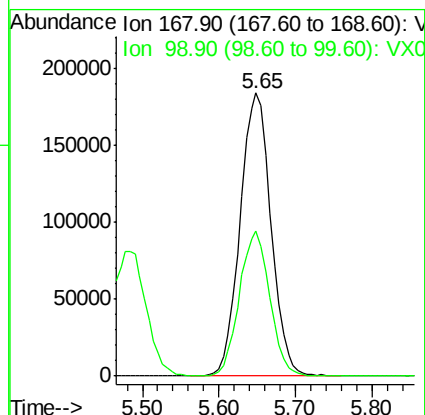
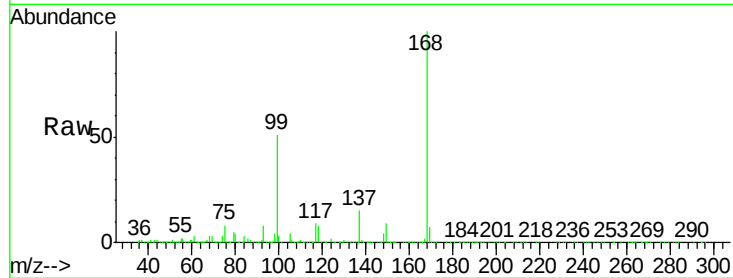
ClientSampled :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.2	40.3	60.5

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#2

Dichlorodifluoromethane

Concen: 41.292 ug/l

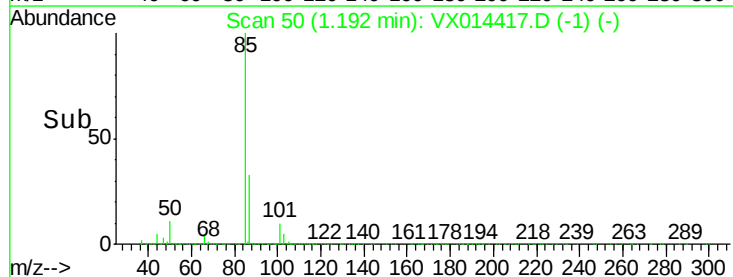
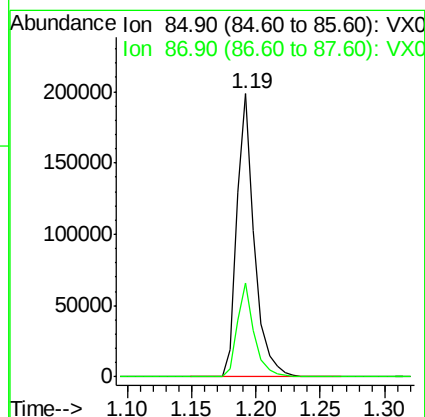
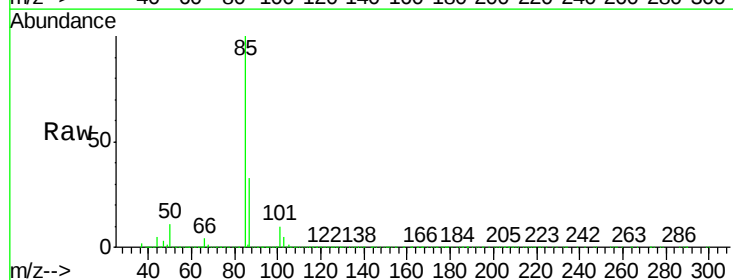
RT: 1.19 min Scan# 50

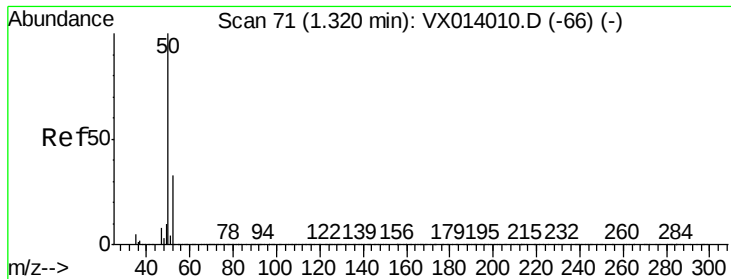
Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.4	49.2





#3

Chloromethane

Concen: 40.667 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

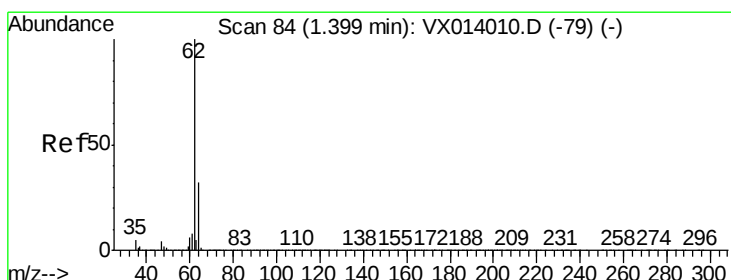
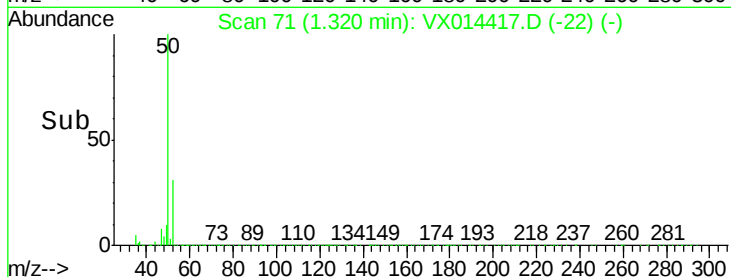
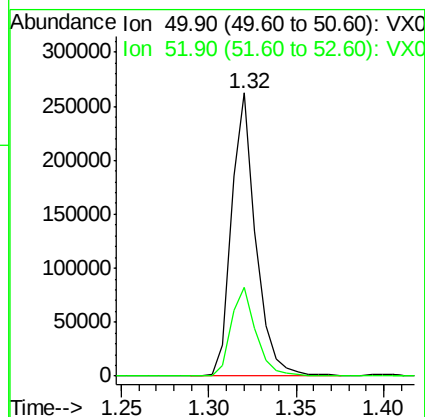
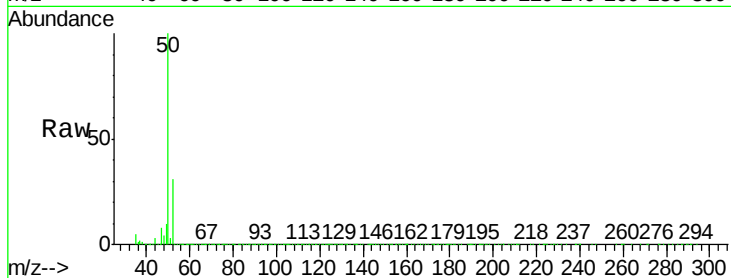
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.2	39.4

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#4

Vinyl Chloride

Concen: 43.889 ug/l

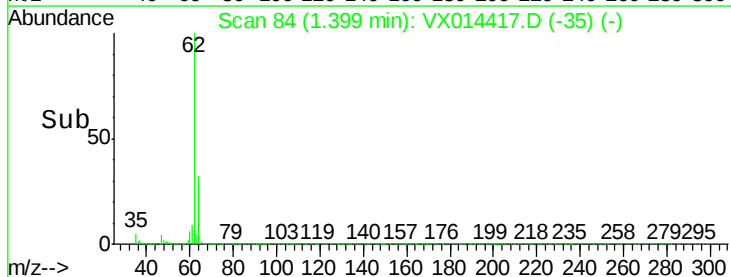
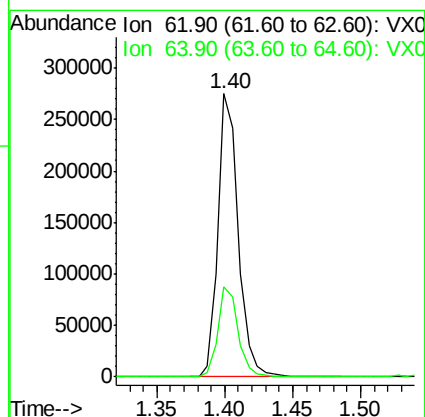
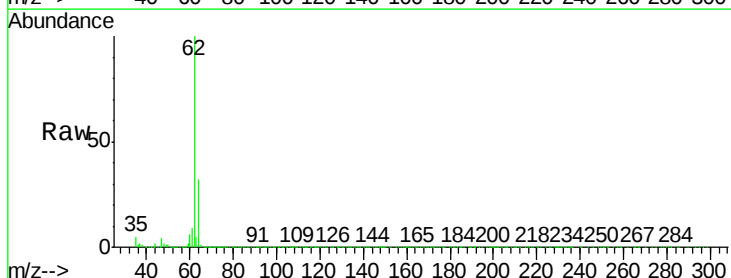
RT: 1.40 min Scan# 84

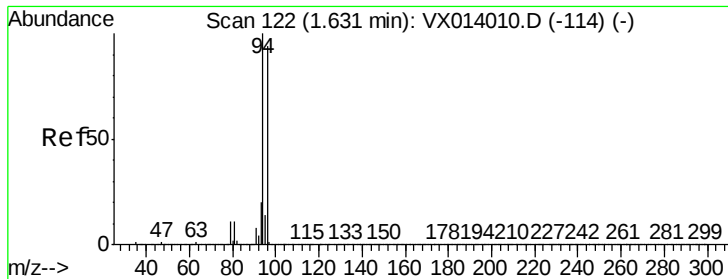
Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.7	38.5





#5

Bromomethane

Concen: 47.942 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 94 Resp: 221442

Ion Ratio Lower Upper

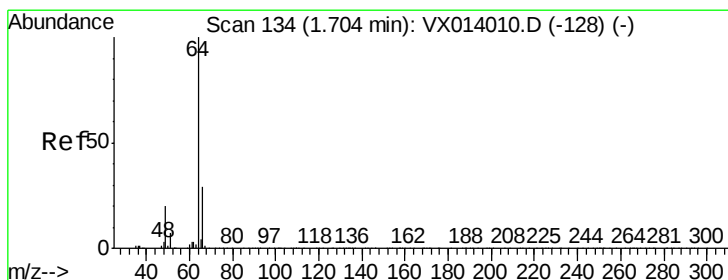
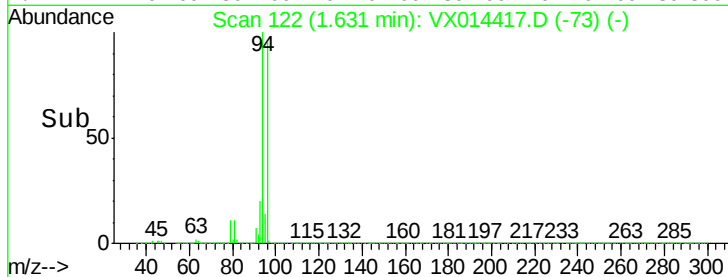
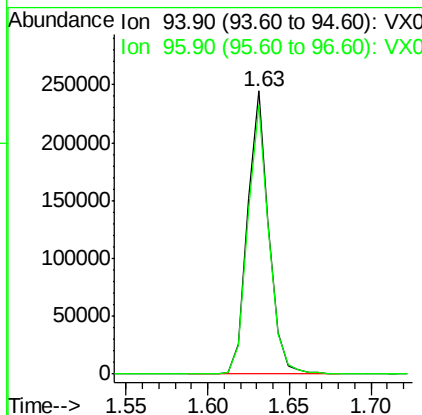
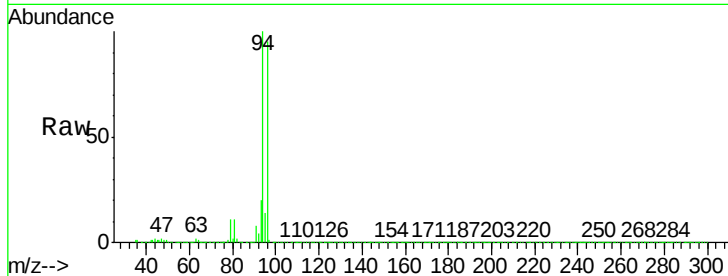
94 100

96 95.2 75.2 112.8

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#6

Chloroethane

Concen: 45.085 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014417.D

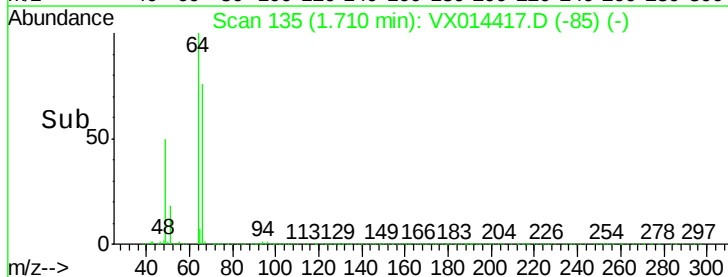
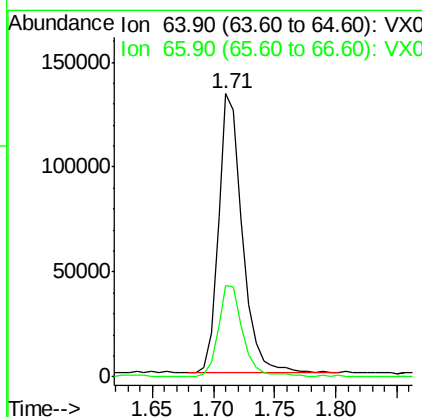
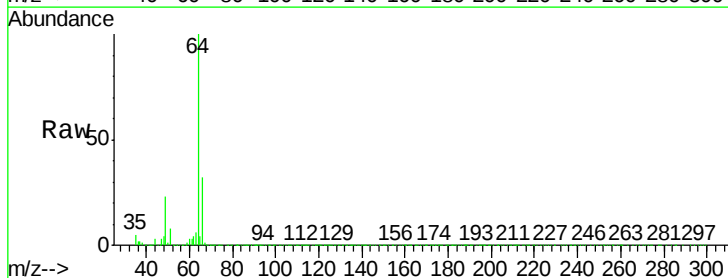
Acq: 06 Jan 2020 10:25

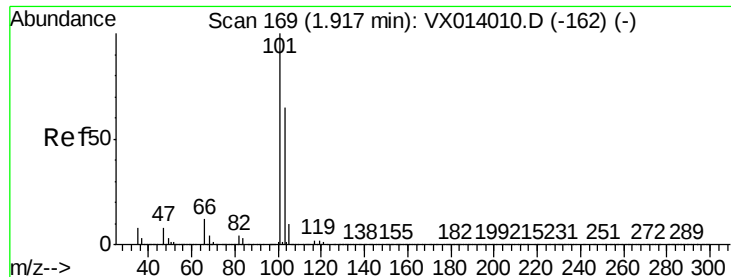
Tgt Ion: 64 Resp: 181087

Ion Ratio Lower Upper

64 100

66 32.6 23.4 35.2





#7

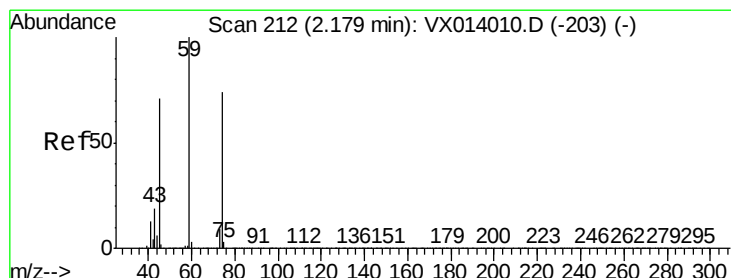
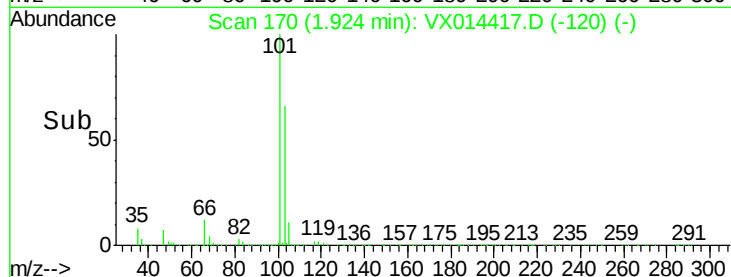
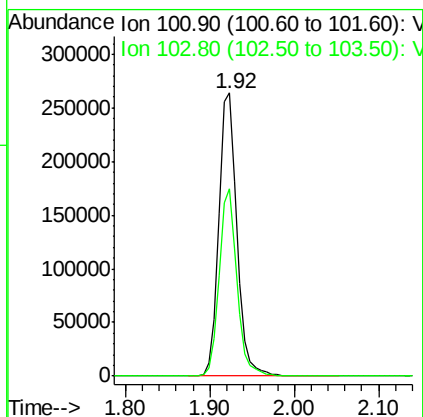
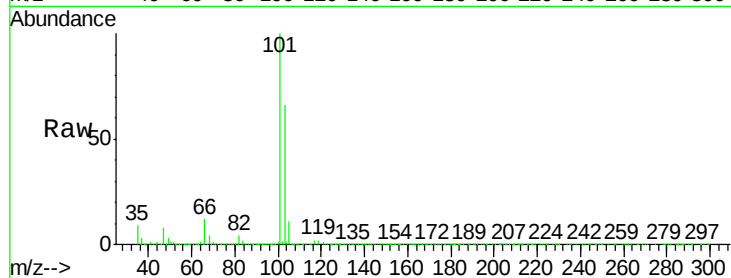
Trichlorofluoromethane
Concen: 48.873 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

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ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.2	78.4

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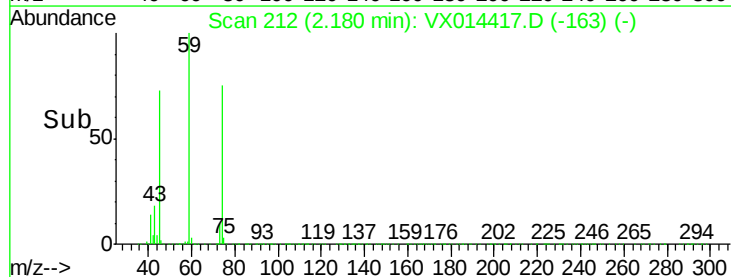
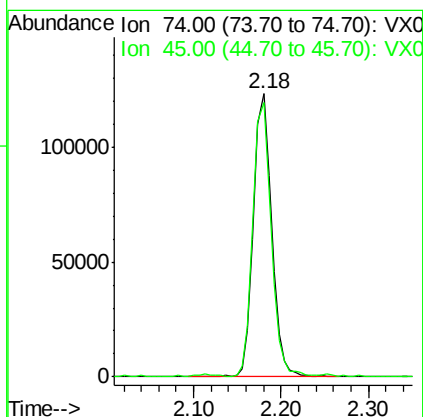
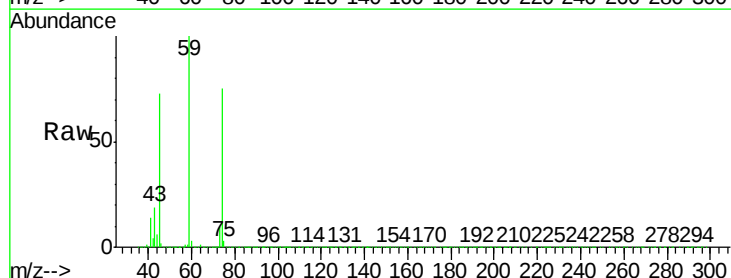
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#8

Diethyl Ether
Concen: 47.214 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.092 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

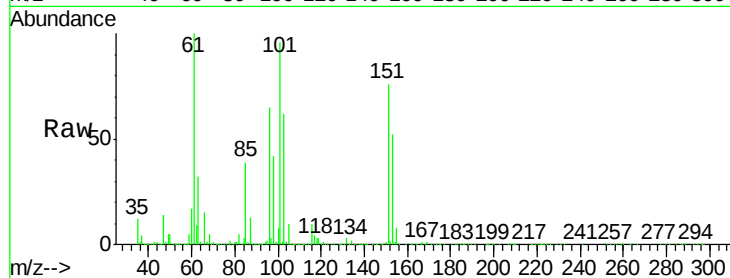
ClientSampleId :

VSTDCCC050

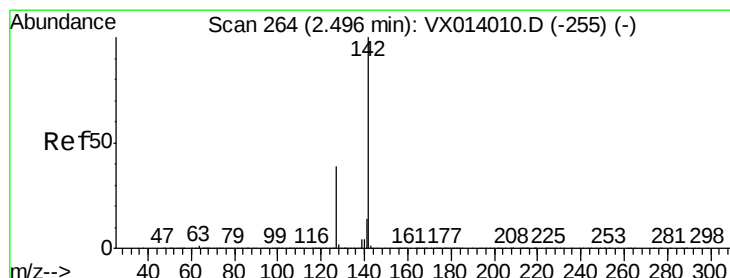
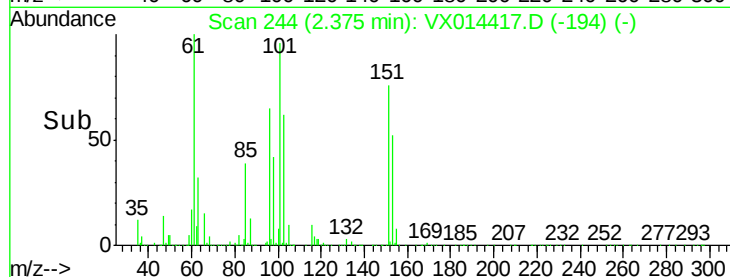
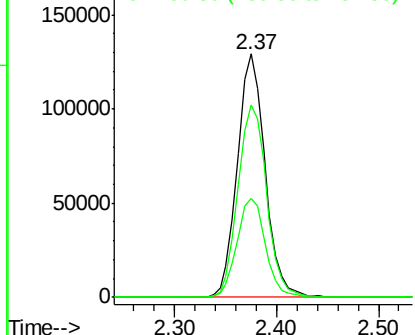
Tgt Ion:	101	Resp:	243259
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	82.0	64.5	96.7

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.080 ug/l

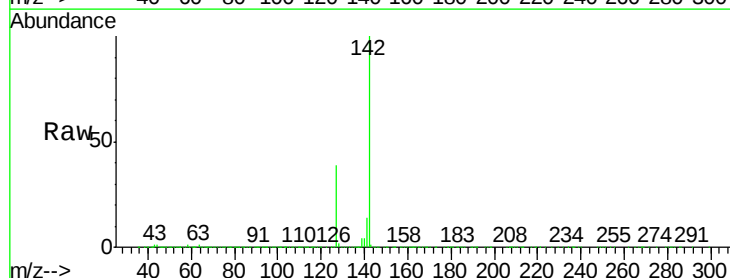
RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

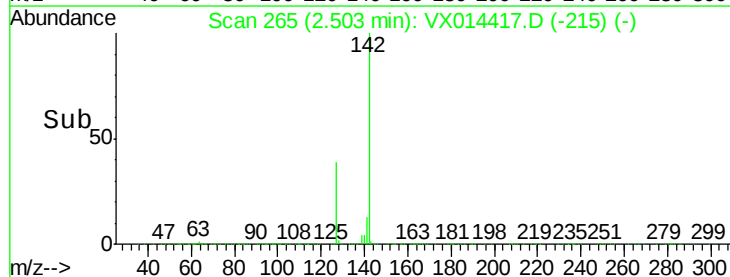
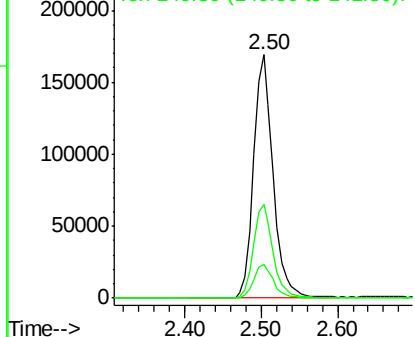
Lab File: VX014417.D

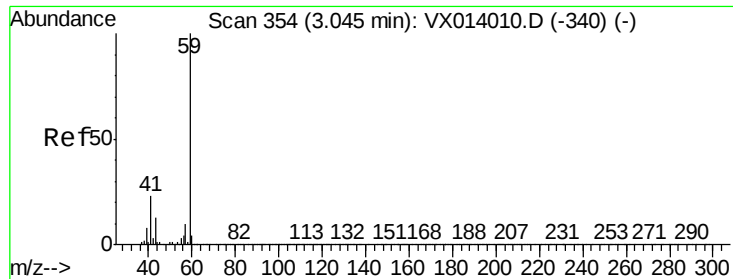
Acq: 06 Jan 2020 10:25

Tgt Ion:	142	Resp:	300477
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.6	47.4
141	14.2	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

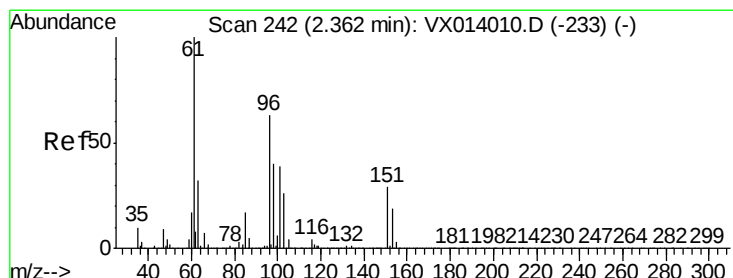
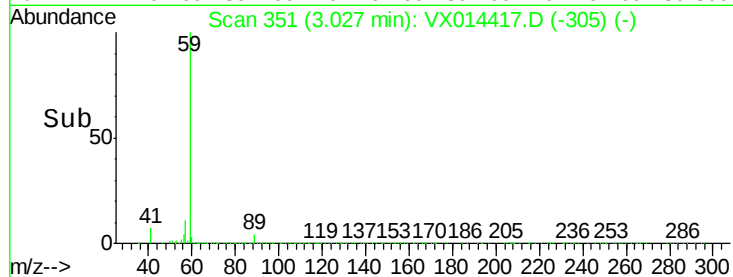
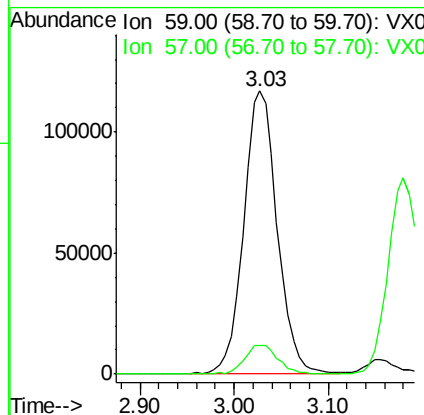
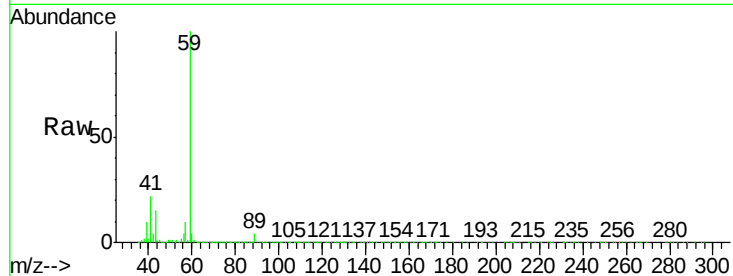
Tert butyl alcohol
Concen: 230.152 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	289535		
57	10.5		8.4	12.6

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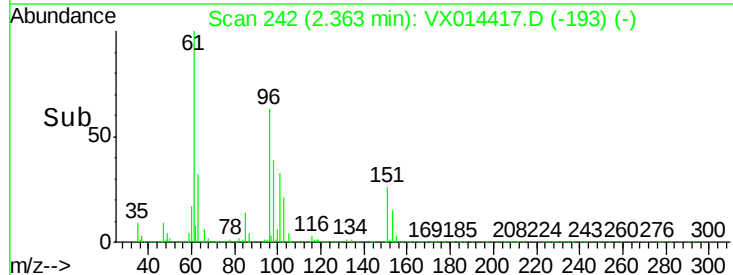
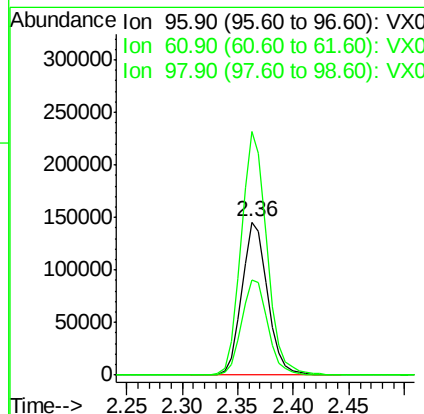
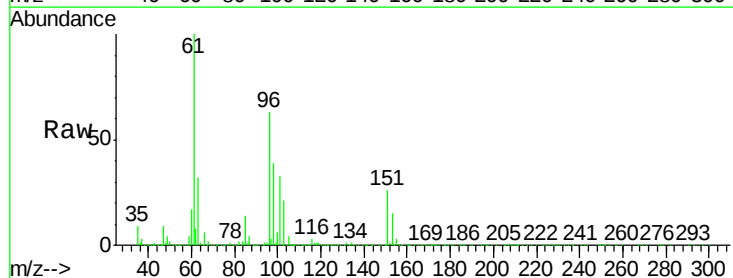
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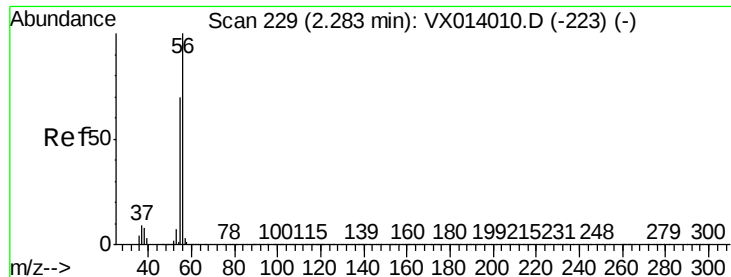


#12

1,1-Dichloroethene
Concen: 46.871 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	231609		
61	159.4		127.9	191.9
98	61.9		50.5	75.7





#13

Acrolein

Concen: 255.203 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 183779

Ion Ratio Lower Upper

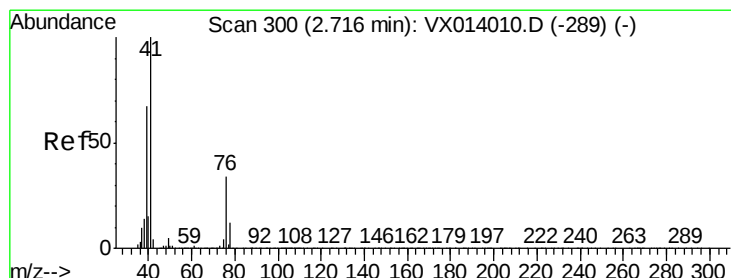
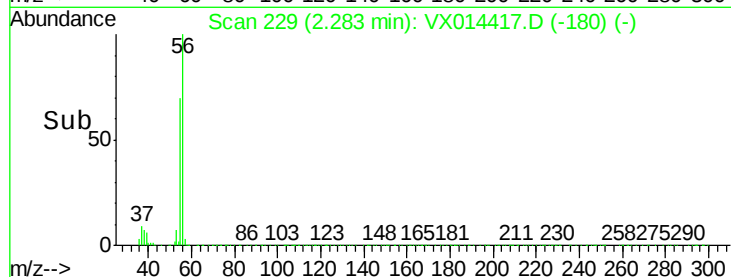
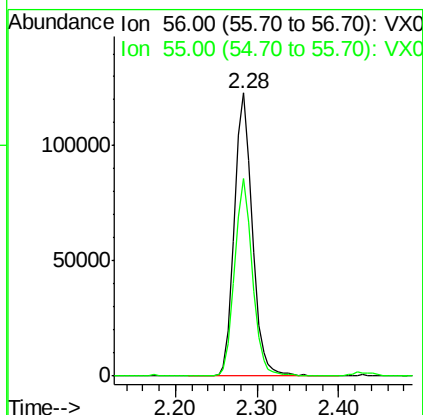
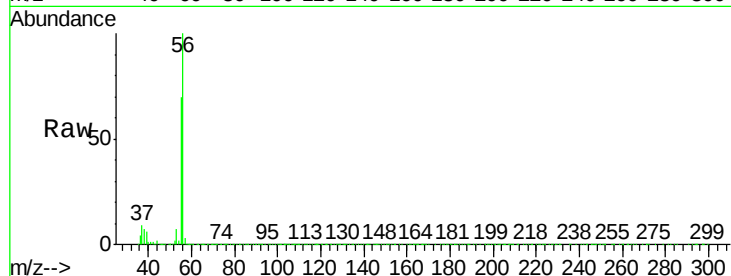
56 100

55 69.3 56.9 85.3

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#14

Allyl chloride

Concen: 49.715 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

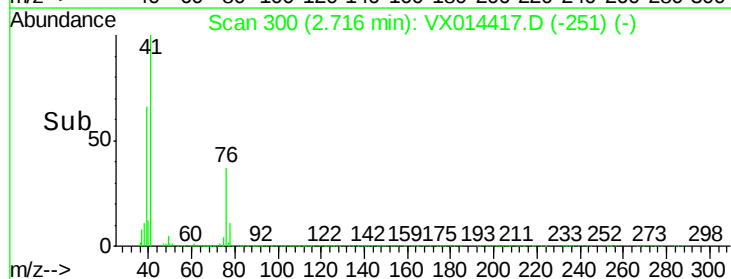
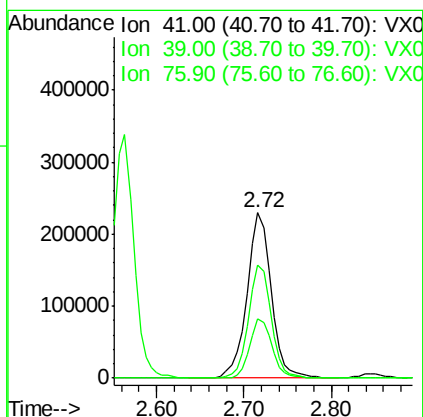
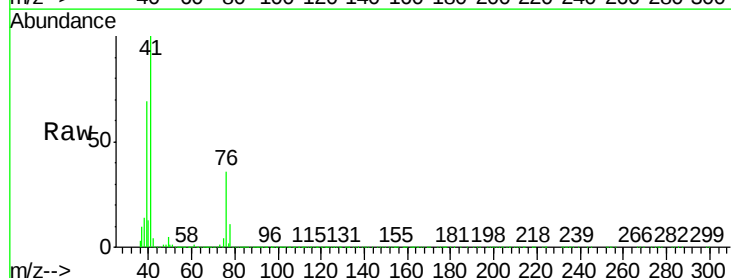
Tgt Ion: 41 Resp: 438628

Ion Ratio Lower Upper

41 100

39 64.4 51.8 77.8

76 33.0 25.9 38.9





#15

Acrylonitrile

Concen: 246.154 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

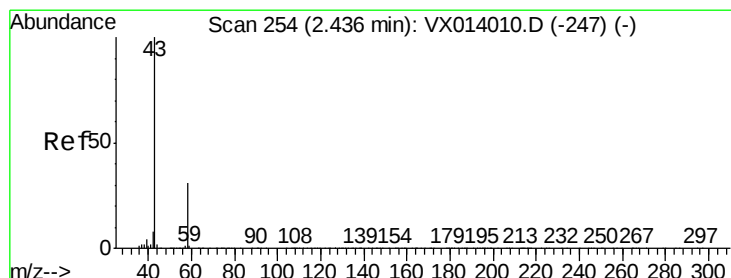
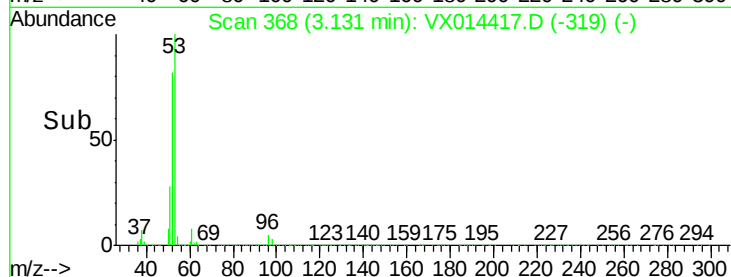
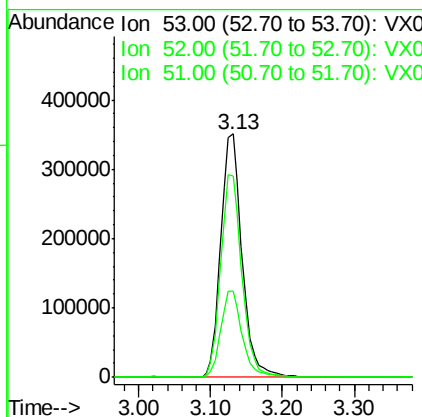
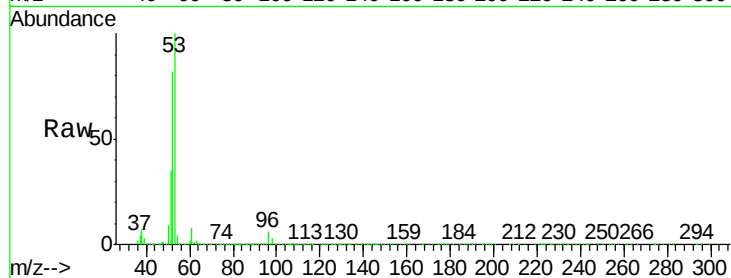
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	722782
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.5	99.7
51	35.8	28.1	42.1

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#16

Acetone

Concen: 217.671 ug/l

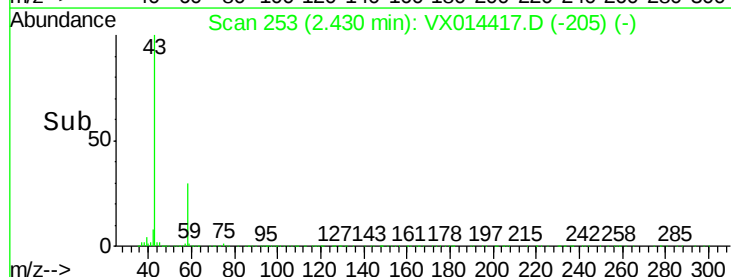
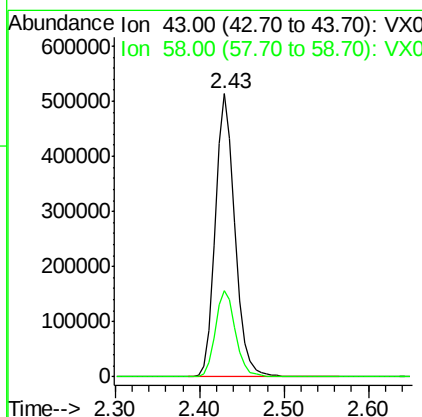
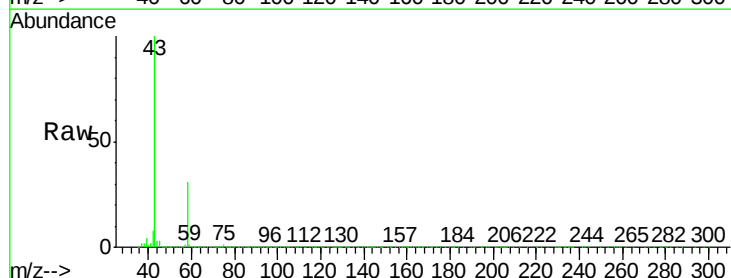
RT: 2.43 min Scan# 253

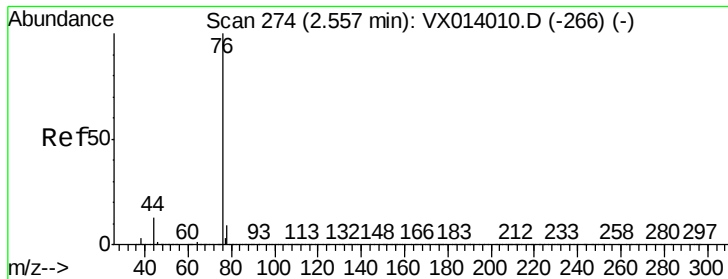
Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	43	Resp:	822749
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.9	37.3





#17

Carbon Disulfide

Concen: 40.536 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 554110

Ion Ratio Lower Upper

76 100

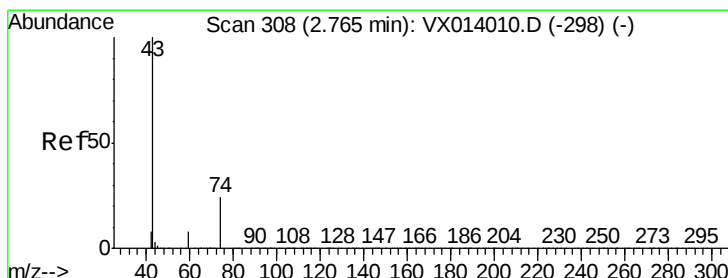
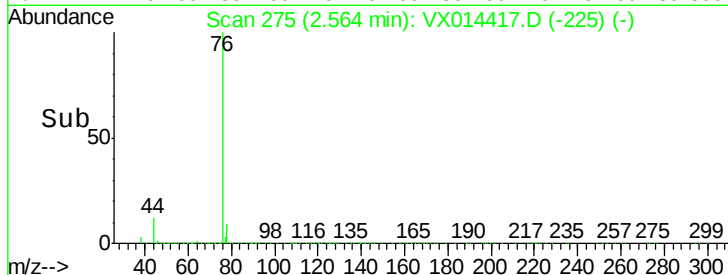
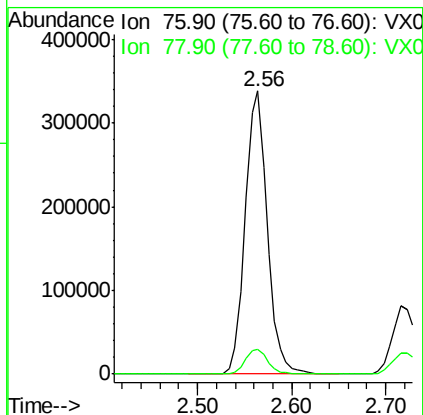
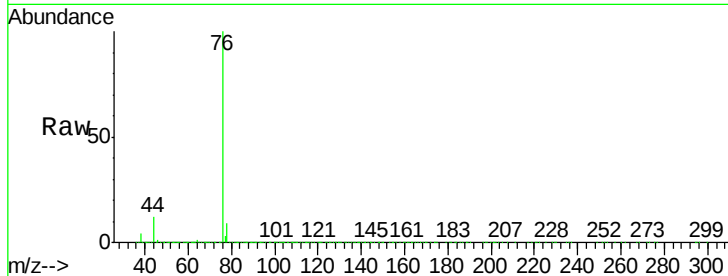
78 8.8 7.2 10.8

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#18

Methyl Acetate

Concen: 49.873 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014417.D

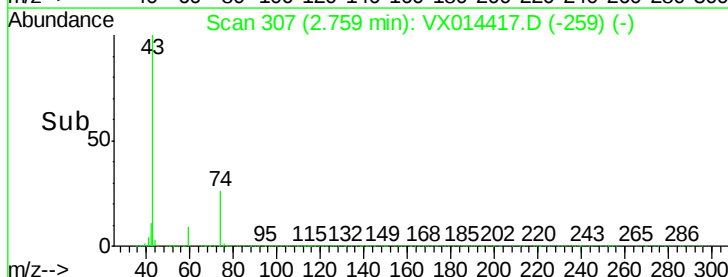
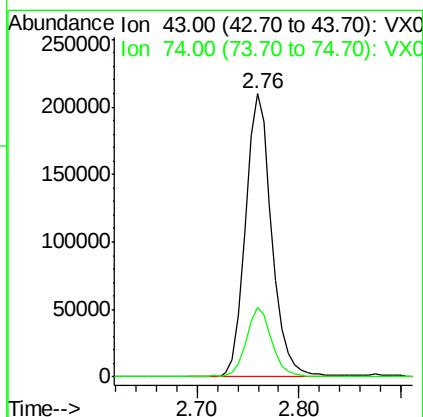
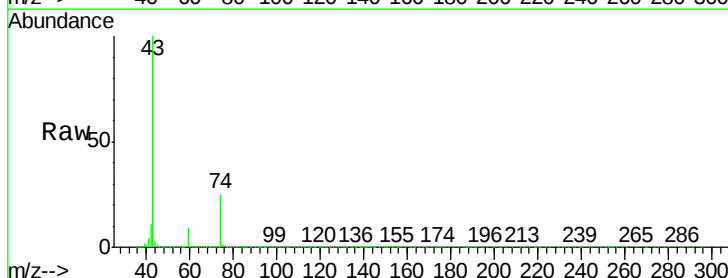
Acq: 06 Jan 2020 10:25

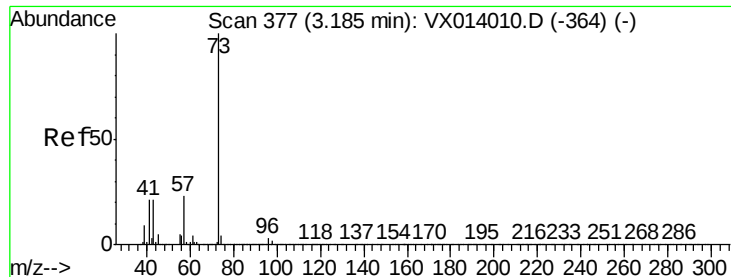
Tgt Ion: 43 Resp: 373536

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3





#19

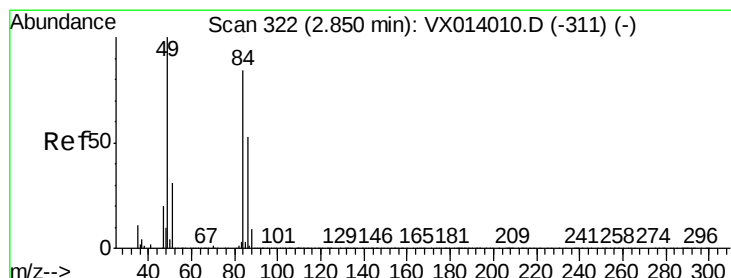
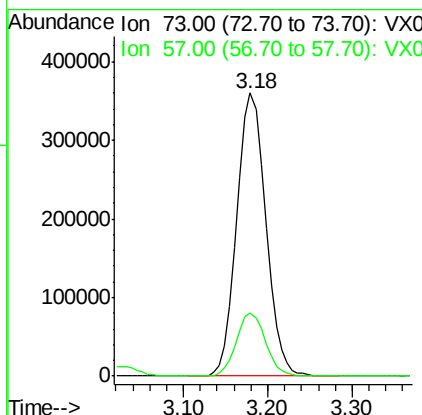
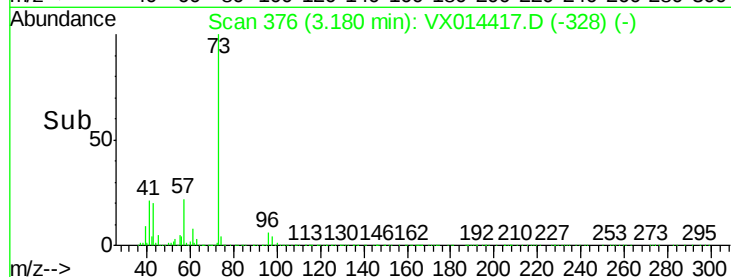
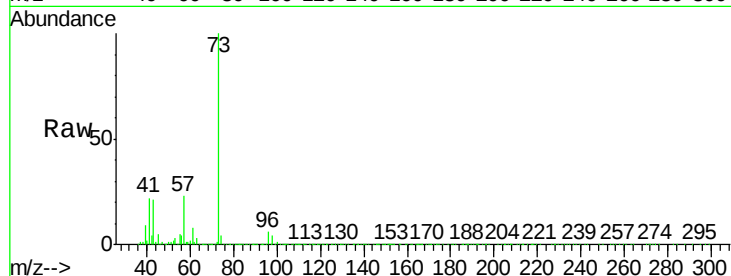
Methyl tert-butyl Ether
Concen: 51.680 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.8	28.2

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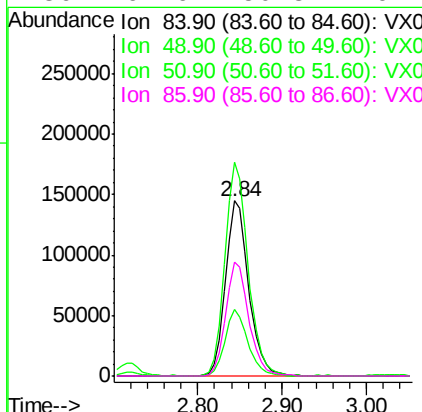
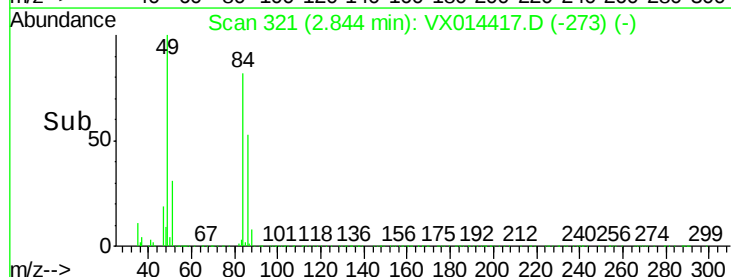
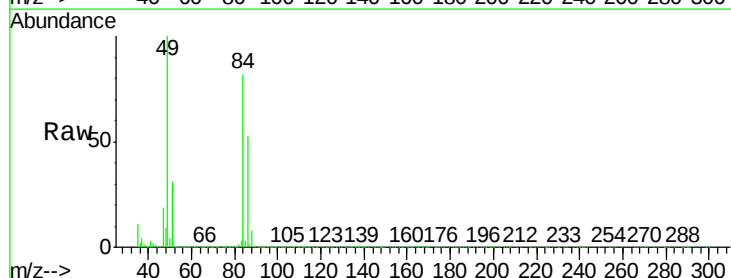
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#20

Methylene Chloride
Concen: 45.969 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	95.8	143.6
51	38.2	29.8	44.8
86	64.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 46.556 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

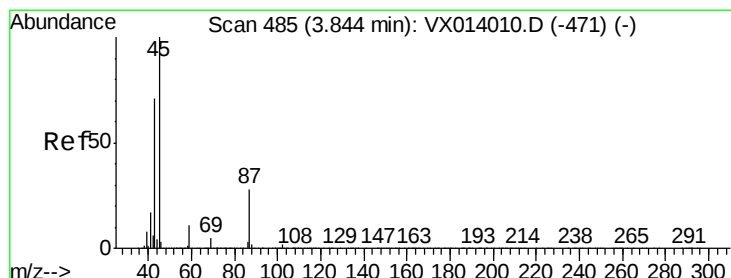
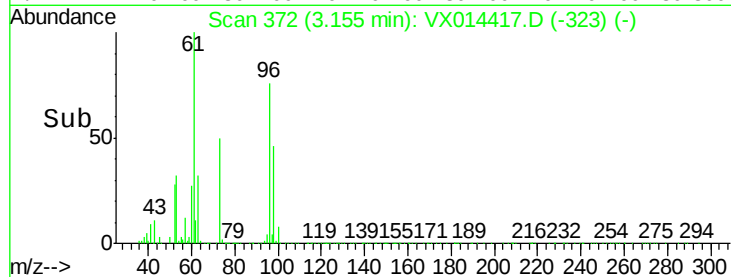
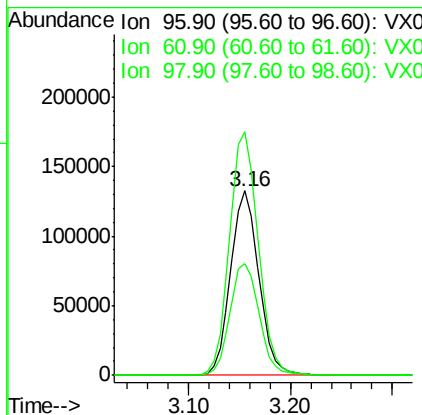
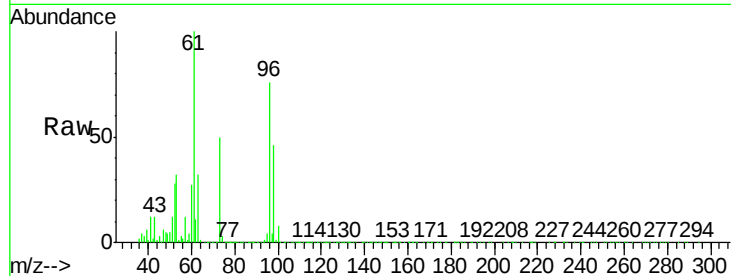
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	253451
Ion	Ratio	Lower	Upper
96	100		
61	131.8	108.3	162.5
98	60.8	50.8	76.2

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#22

Diisopropyl ether

Concen: 51.904 ug/l

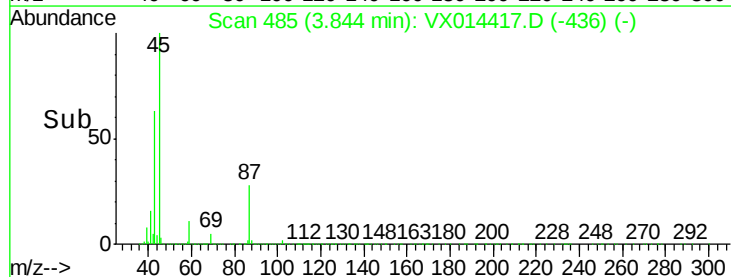
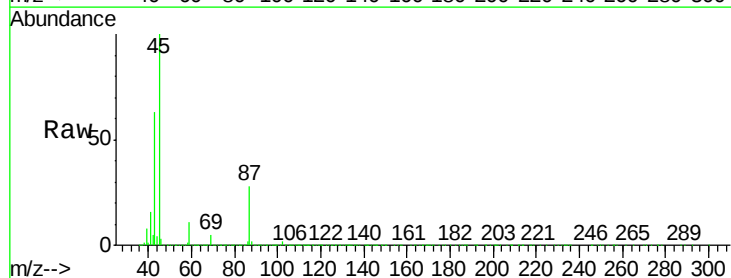
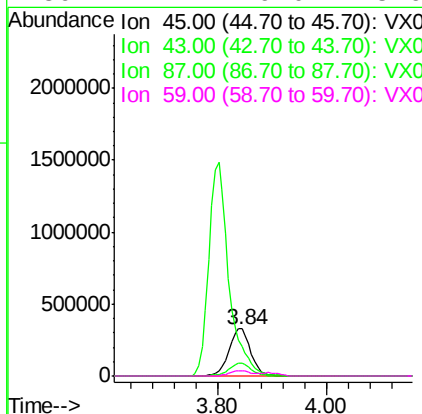
RT: 3.84 min Scan# 485

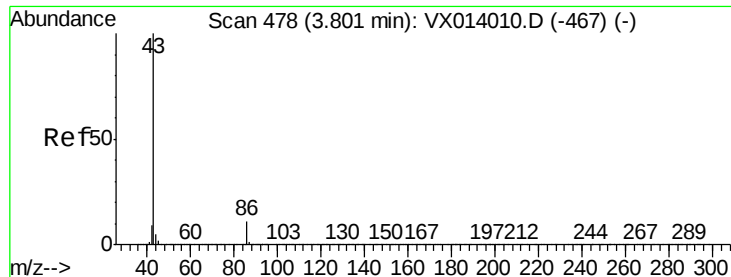
Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	45	Resp:	912558
Ion	Ratio	Lower	Upper
45	100		
43	62.3	57.4	86.0
87	27.5	21.9	32.9
59	11.2	9.0	13.6





#23

Vinyl Acetate

Concen: 266.617 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 3825336

Ion Ratio Lower Upper

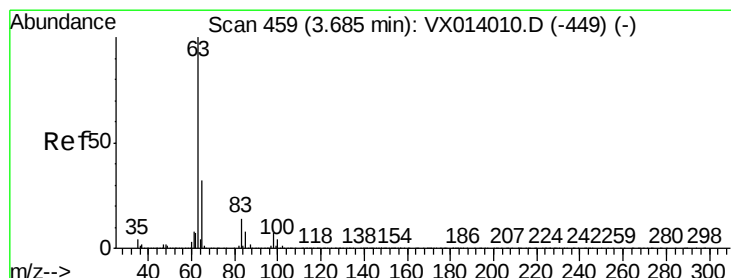
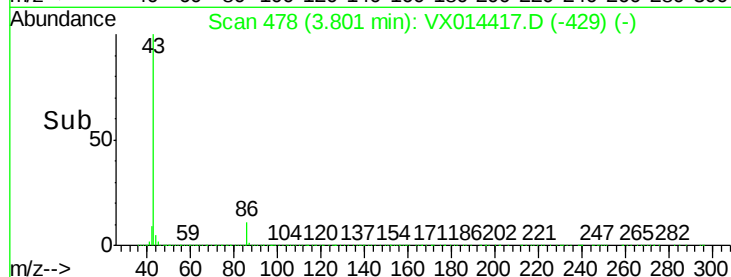
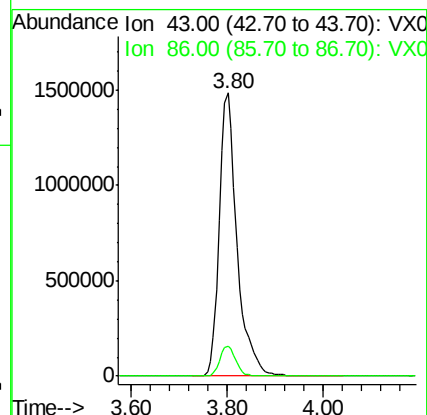
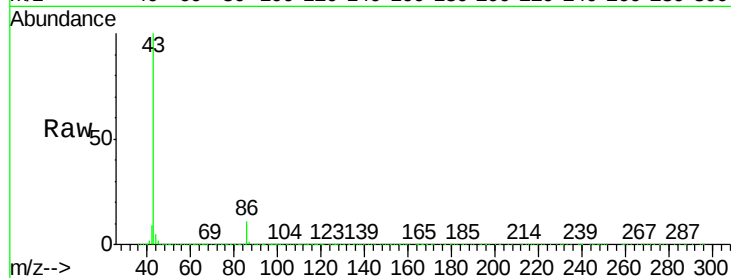
43 100

86 10.7 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 49.102 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

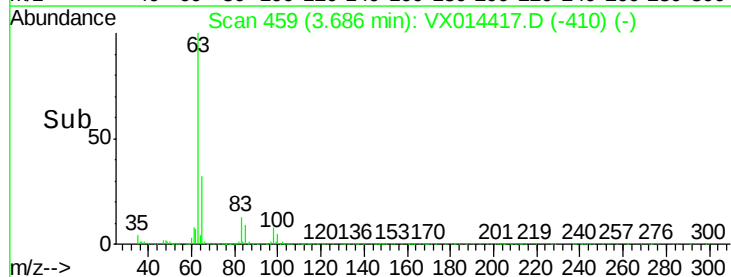
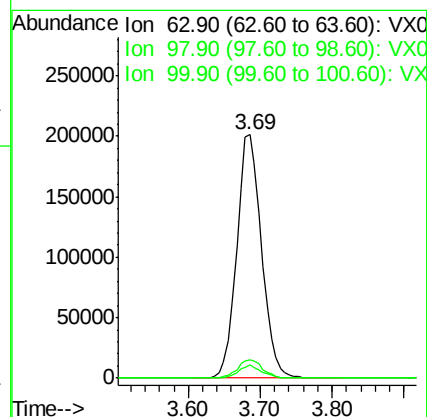
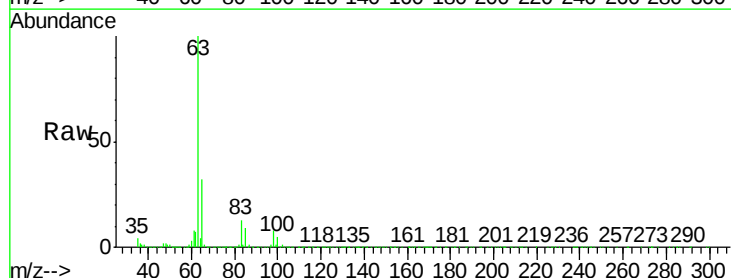
Tgt Ion: 63 Resp: 480304

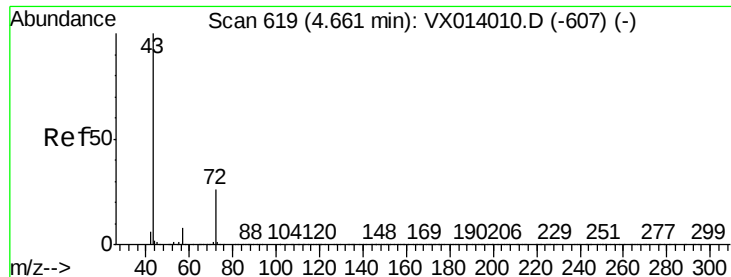
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.1 2.3 6.8





#25

2-Butanone

Concen: 242.342 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 1129321

Ion Ratio Lower Upper

43 100

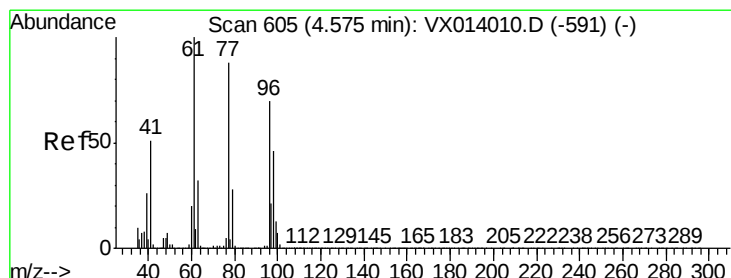
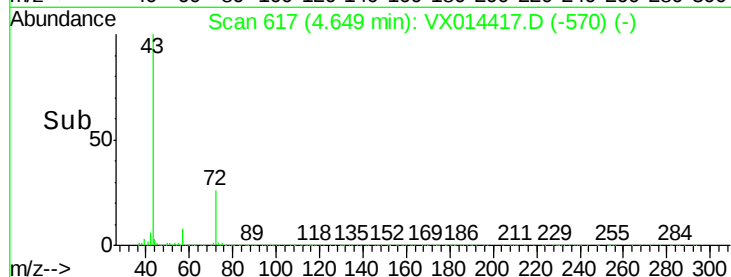
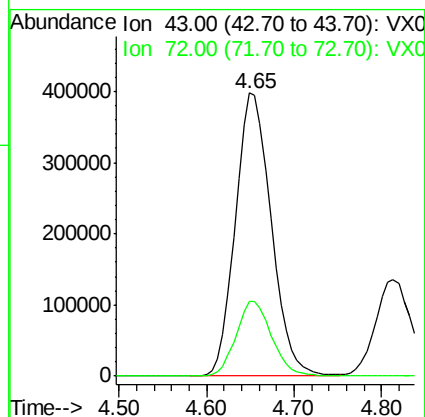
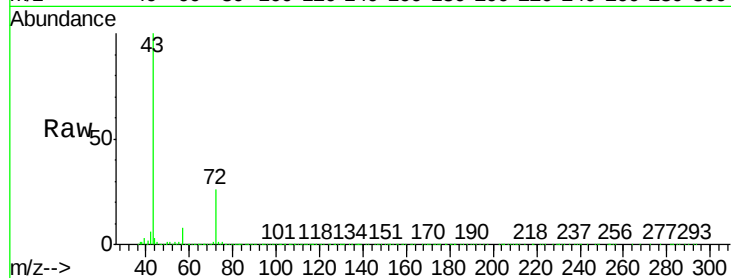
72 26.2 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 53.547 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014417.D

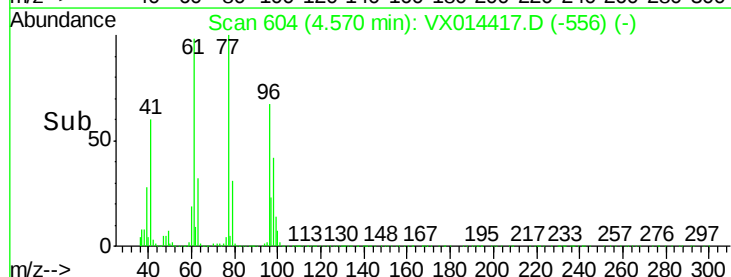
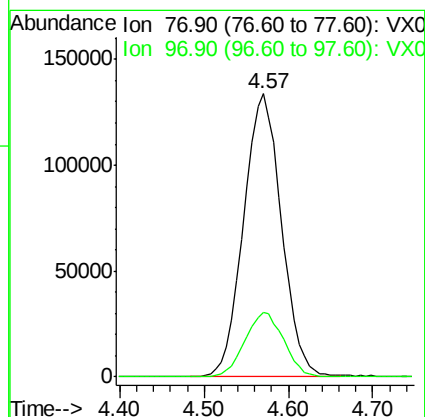
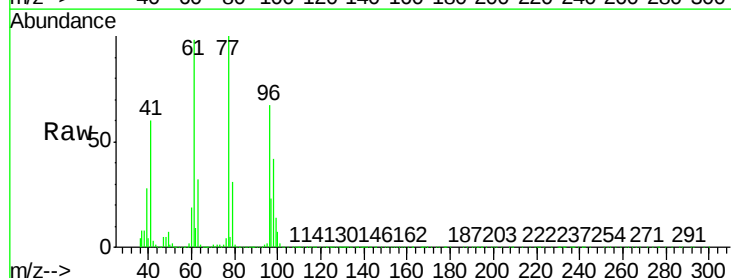
Acq: 06 Jan 2020 10:25

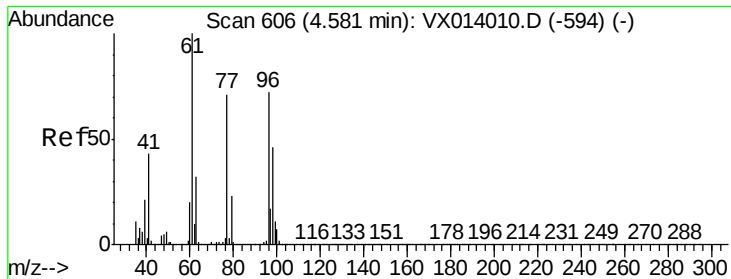
Tgt Ion: 77 Resp: 406672

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9





#27

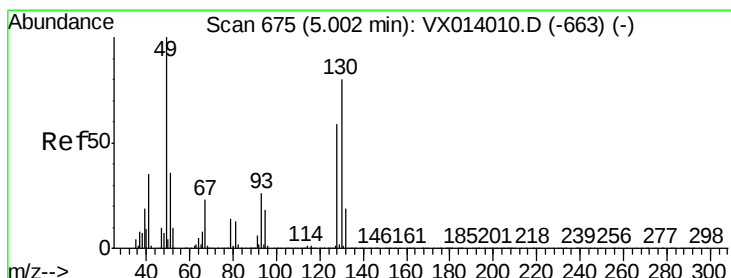
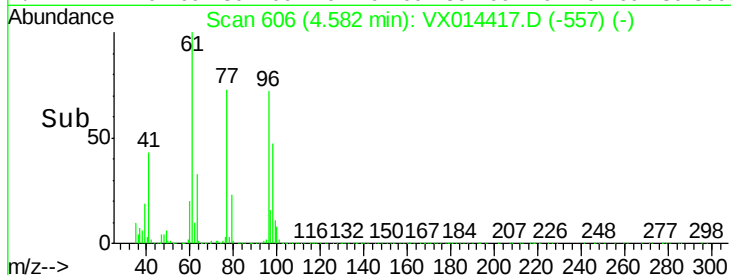
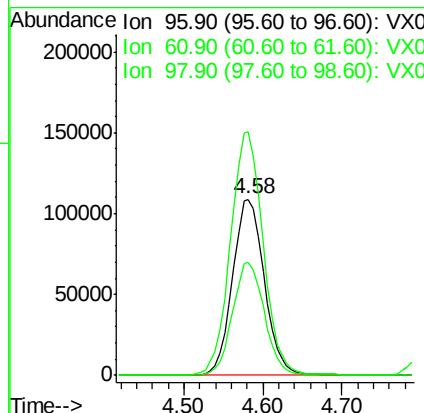
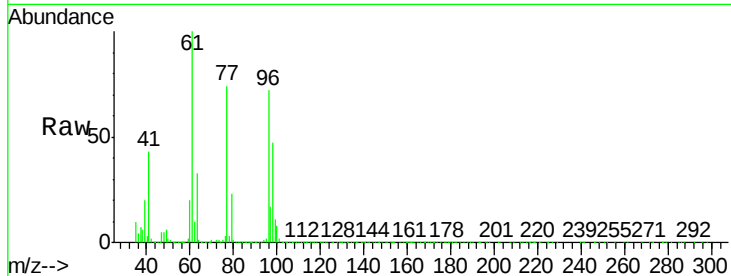
cis-1,2-Dichloroethene
Concen: 49.520 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	304884		
61	142.2	0.0	288.4	
98	64.1	0.0	129.6	

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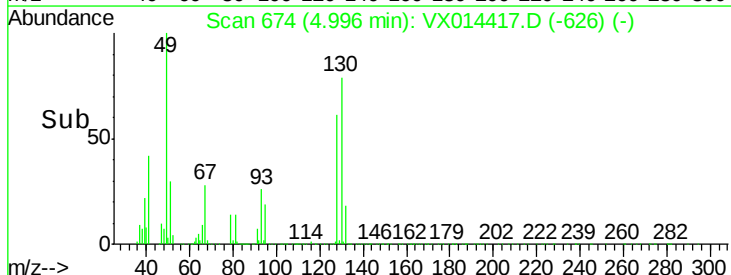
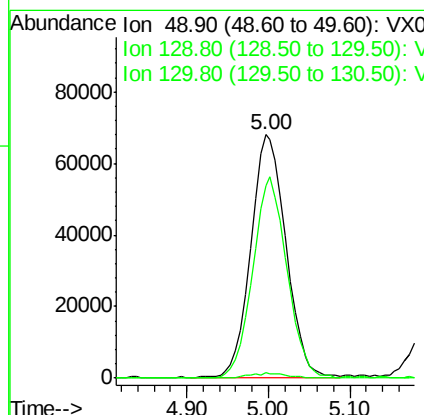
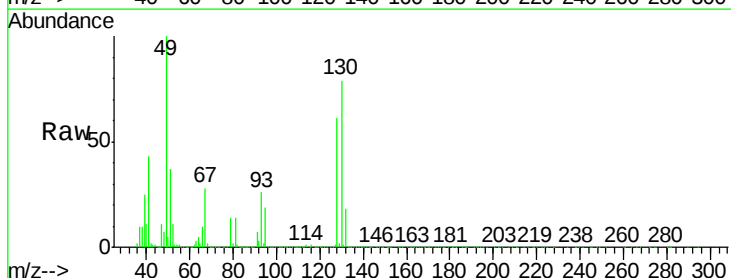
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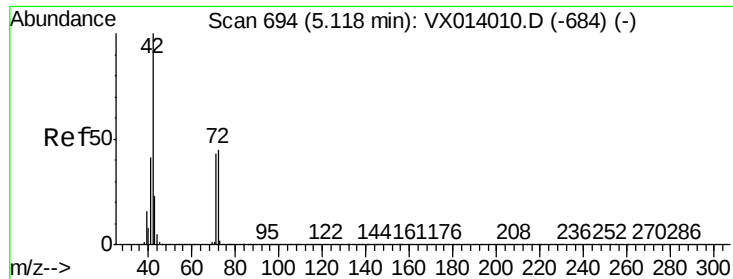


#28

Bromochloromethane
Concen: 54.569 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	205442		
129	2.3	0.0	5.0	
130	80.0	64.6	97.0	





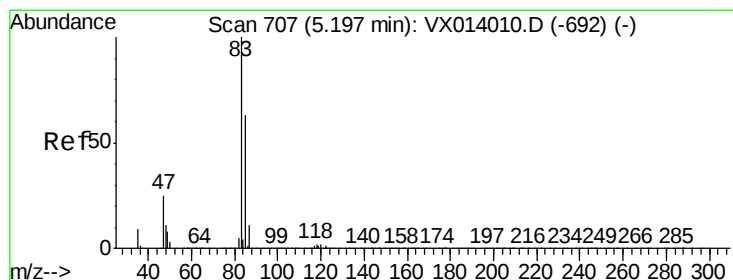
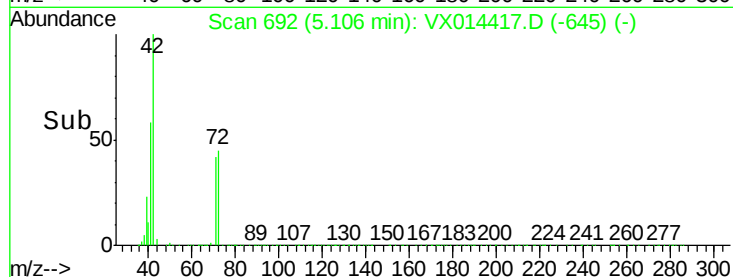
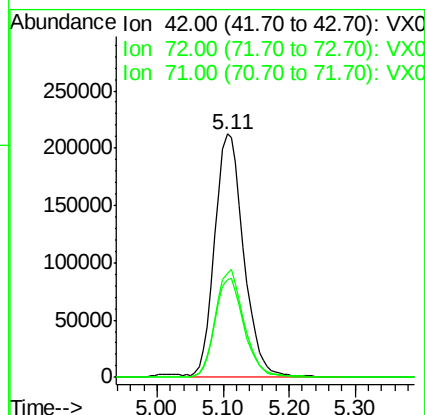
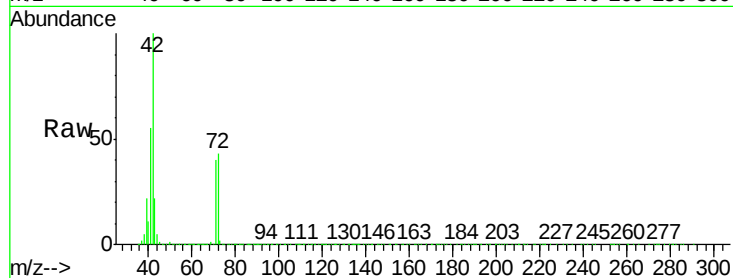
#29
Tetrahydrofuran
Concen: 246.014 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.8	53.8
71	41.4	33.6	50.4

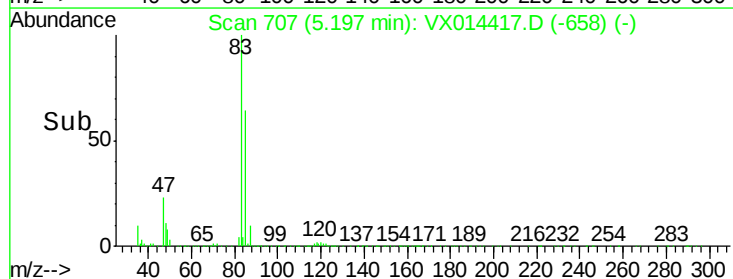
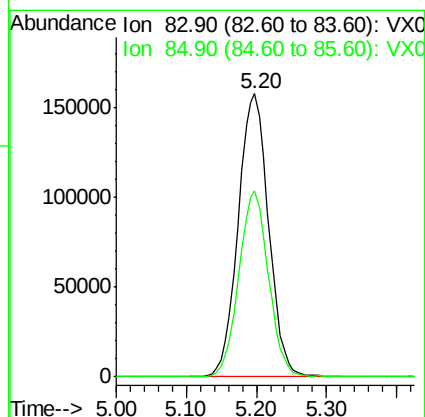
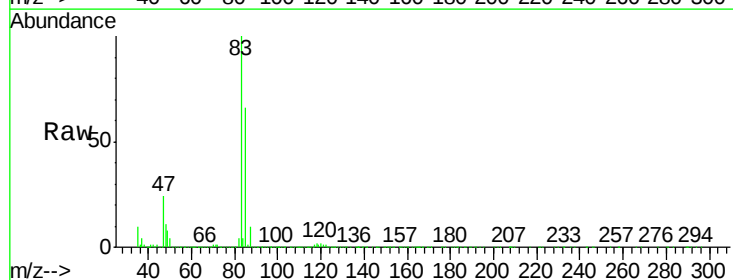
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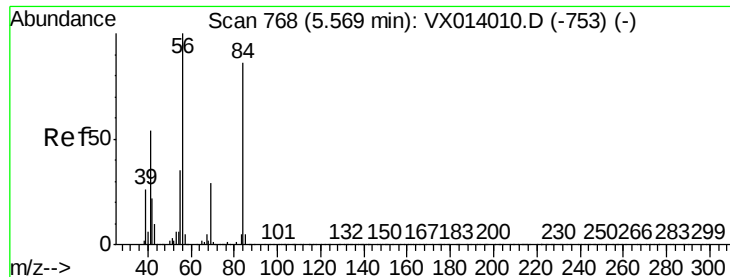
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#30
Chloroform
Concen: 51.255 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.8	76.2





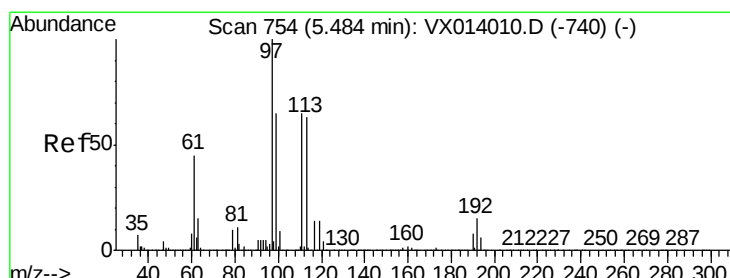
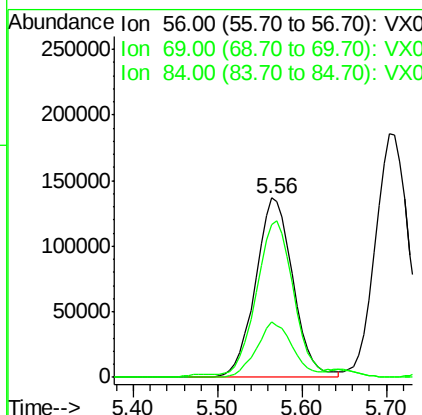
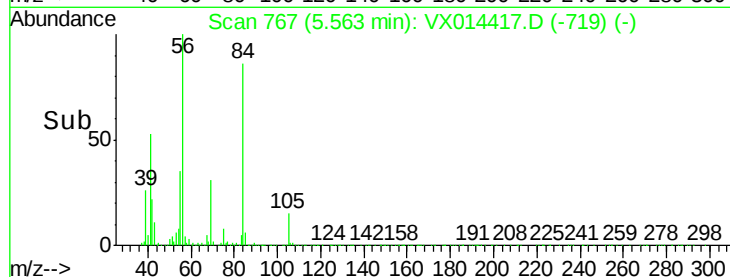
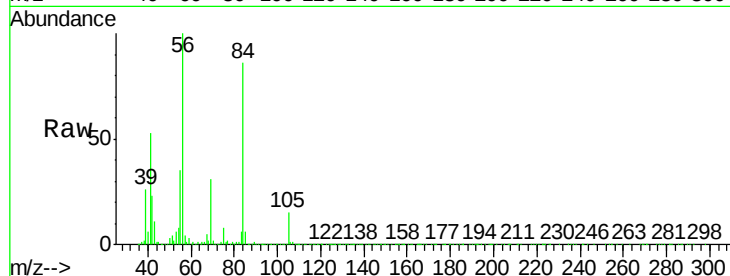
#31
Cyclohexane
Concen: 48.098 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.2	34.8
84	84.6	69.2	103.8

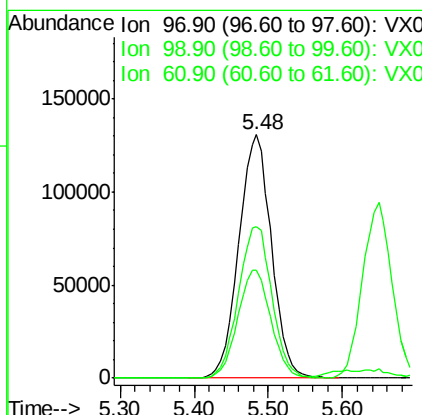
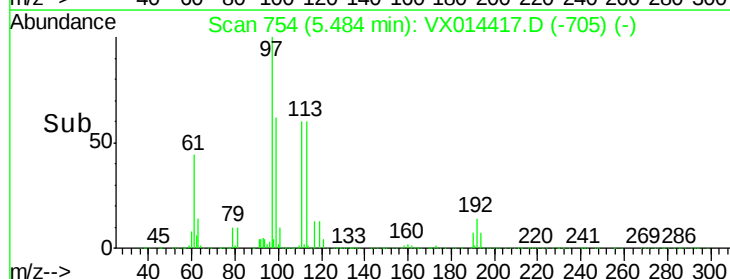
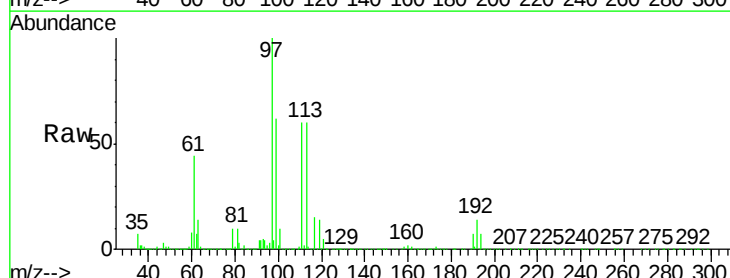
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#32
1,1,1-Trichloroethane
Concen: 50.714 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	45.1	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 45.207 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 263198
Ion Ratio Lower Upper

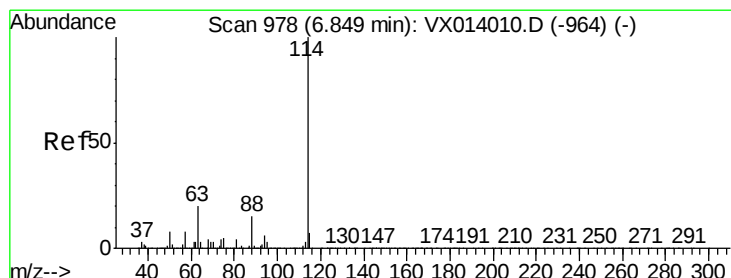
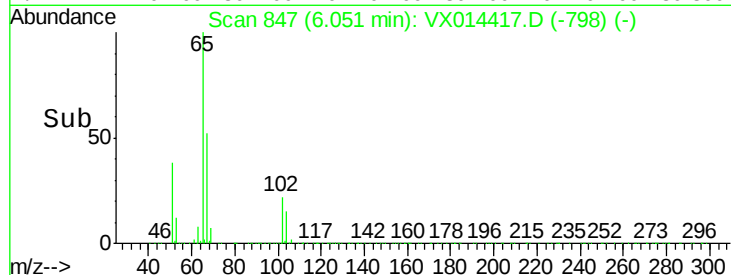
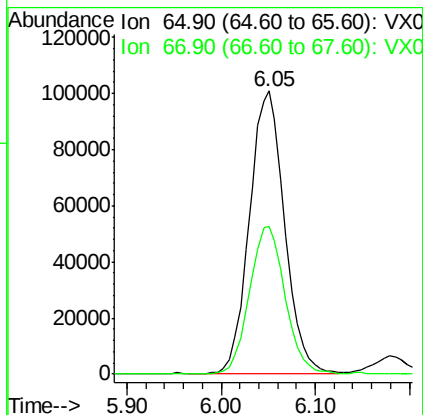
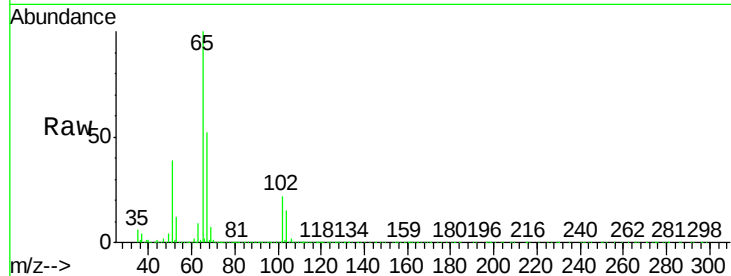
65 100

67 52.9 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014417.D

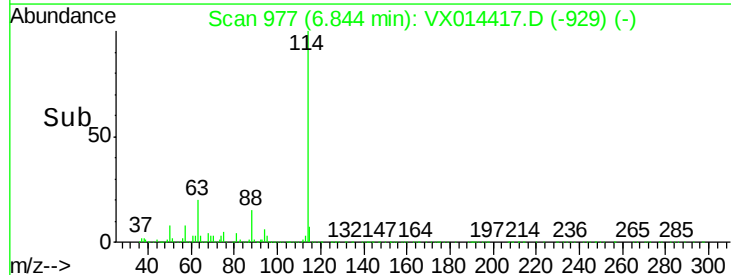
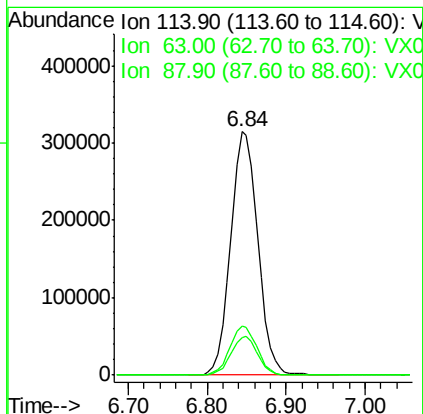
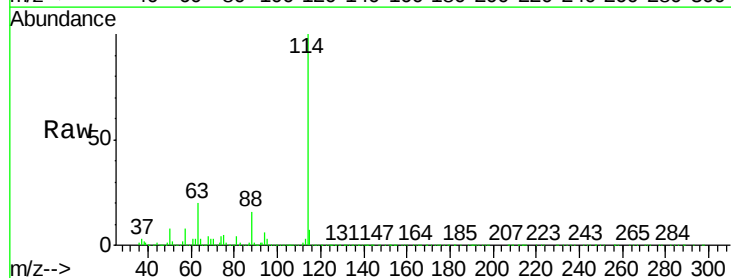
Acq: 06 Jan 2020 10:25

Tgt Ion: 114 Resp: 753731
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.200 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

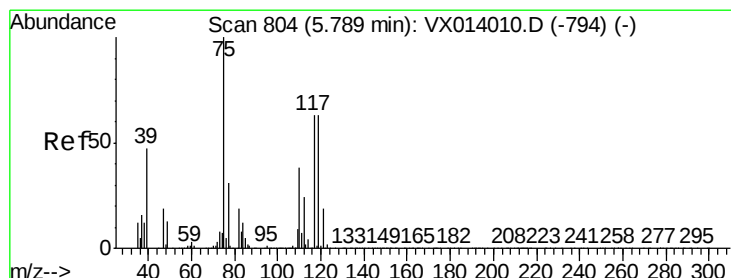
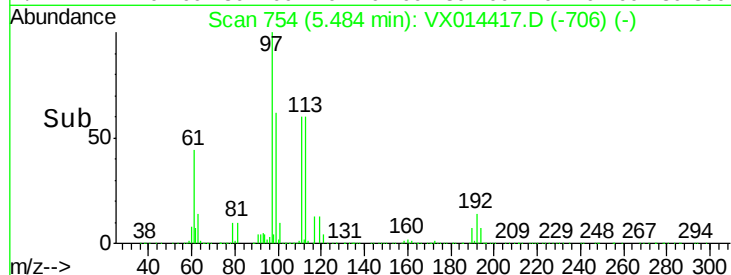
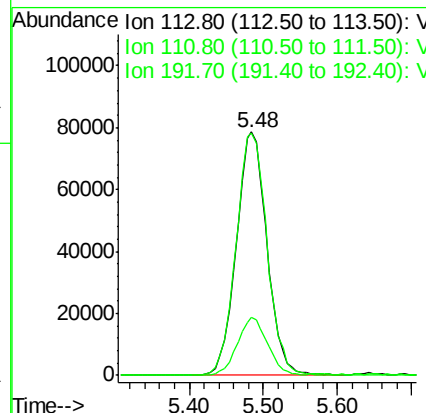
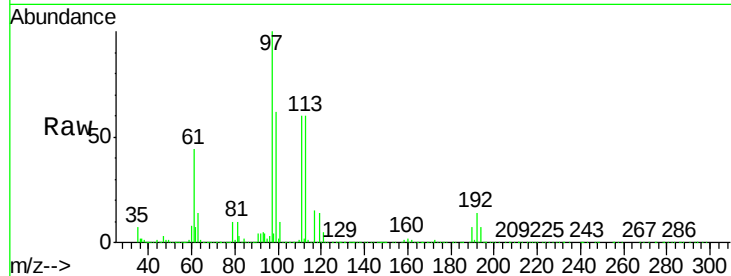
ClientSampled :

VSTDCCC050

Tgt Ion:	113	Resp:	225427
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.0	123.0
192	23.5	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 50.727 ug/l

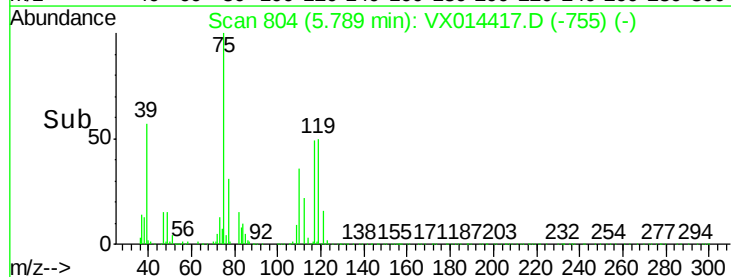
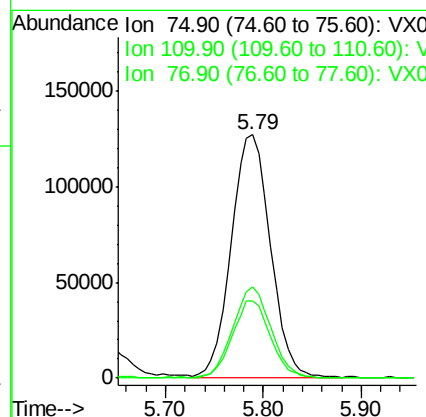
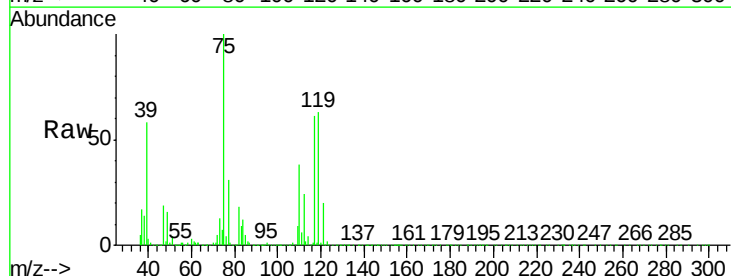
RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	75	Resp:	350822
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.3	54.9
77	30.6	24.8	37.2





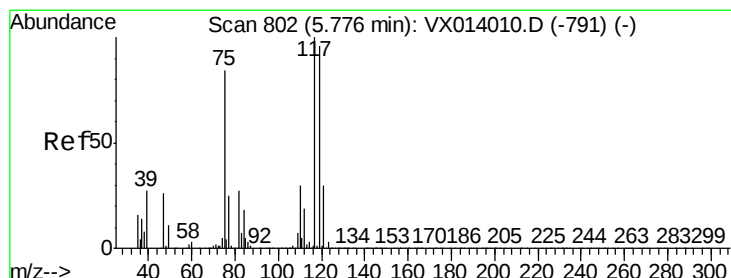
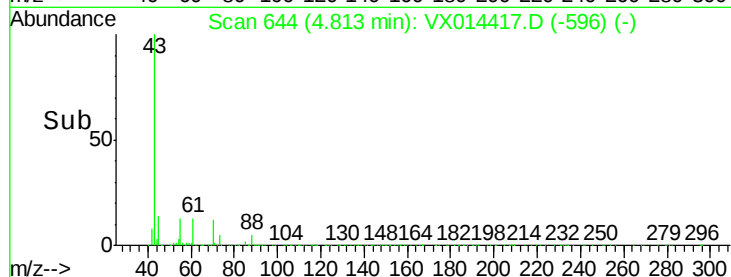
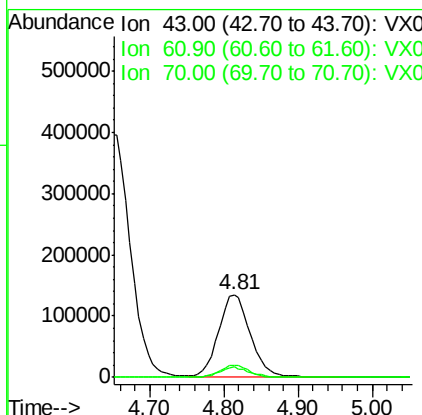
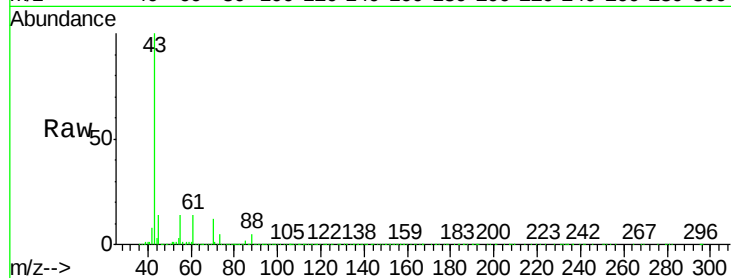
#37
Ethyl Acetate
Concen: 52.065 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.8	8.6	12.8

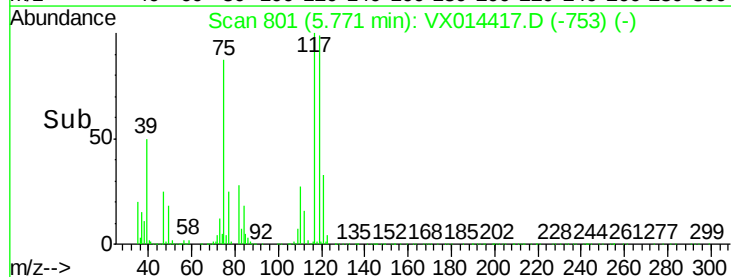
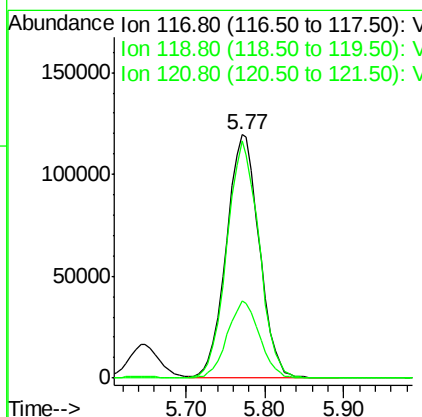
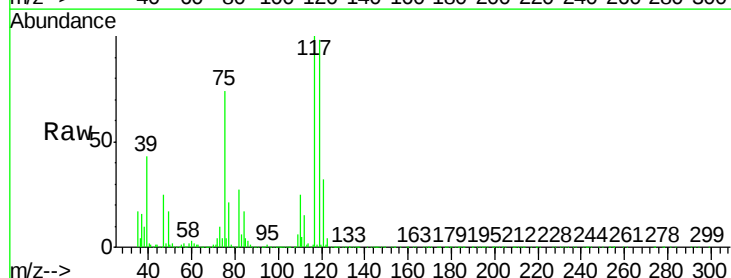
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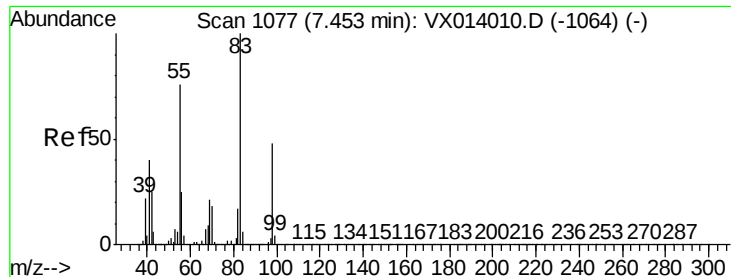
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#38
Carbon Tetrachloride
Concen: 54.929 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.2	114.4
121	32.0	23.6	35.4





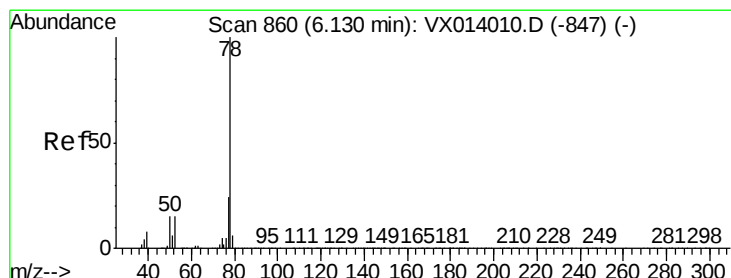
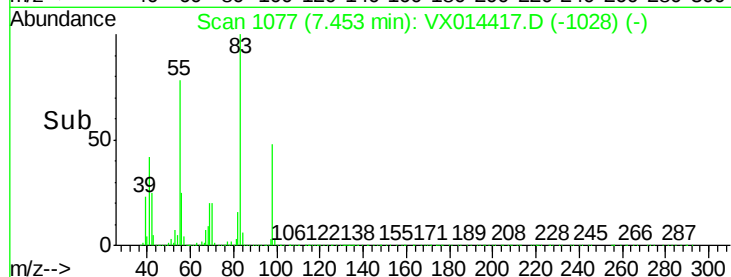
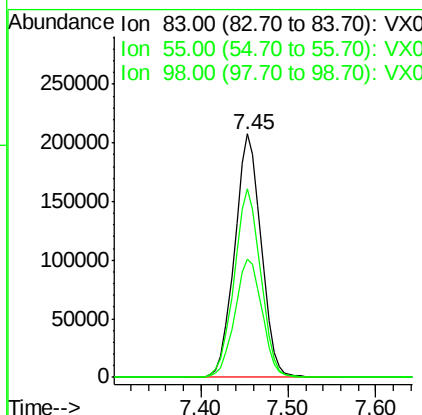
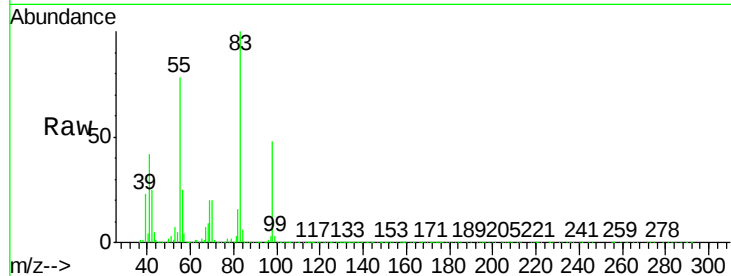
#39
Methylcyclohexane
Concen: 51.151 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.0	91.6
98	48.3	38.6	57.8

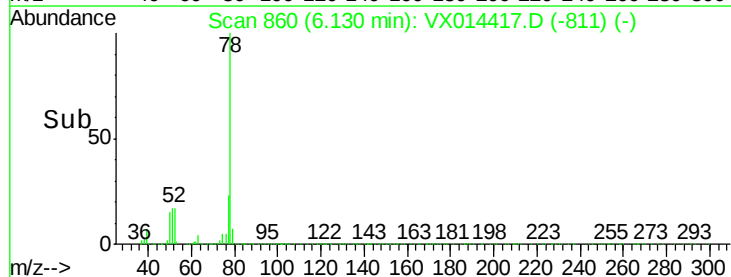
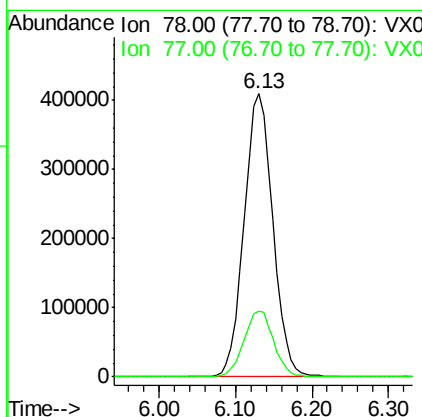
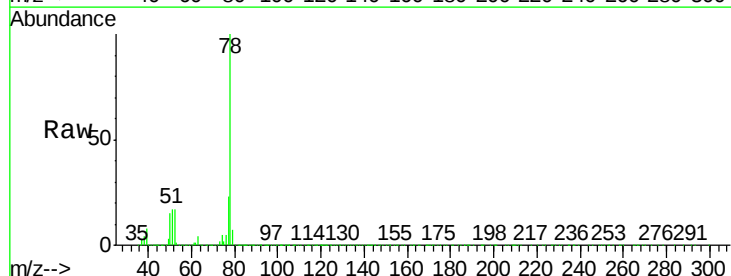
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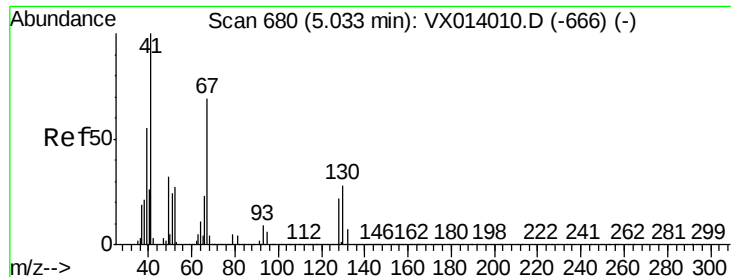
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#40
Benzene
Concen: 50.345 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2





#41

Methacrylonitrile

Concen: 52.566 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

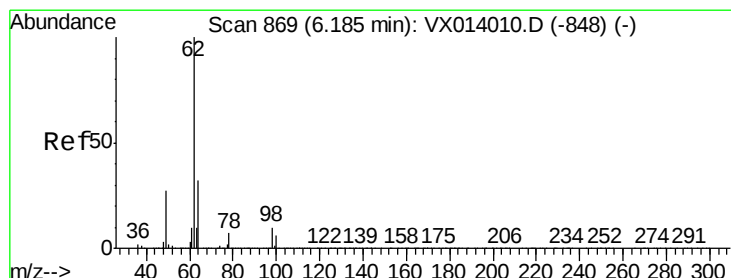
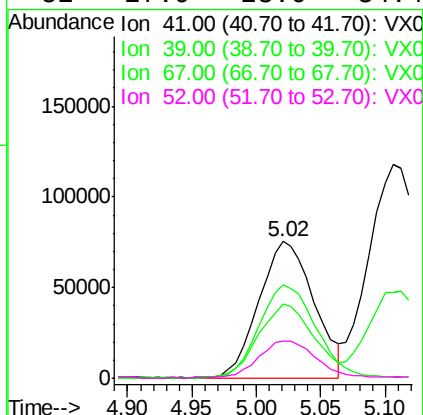
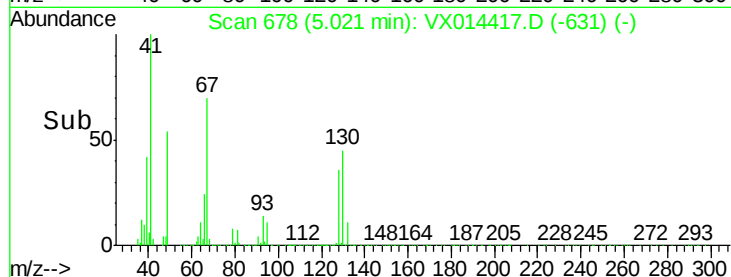
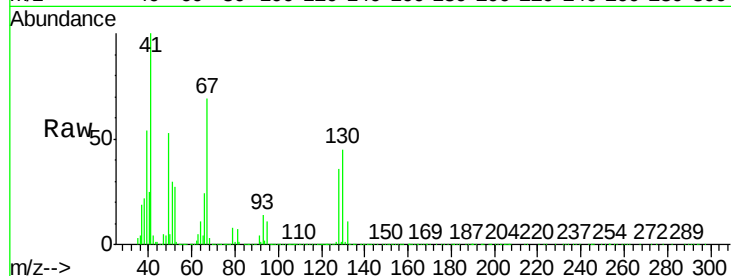
ClientSampled :

VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	44.5	66.7	
67	70.8	57.4	86.0	
52	27.9	23.0	34.4	

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#42

1,2-Dichloroethane

Concen: 51.472 ug/l

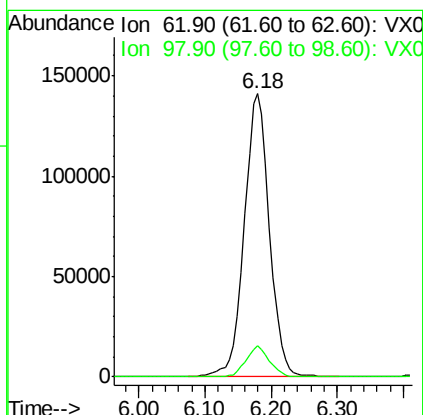
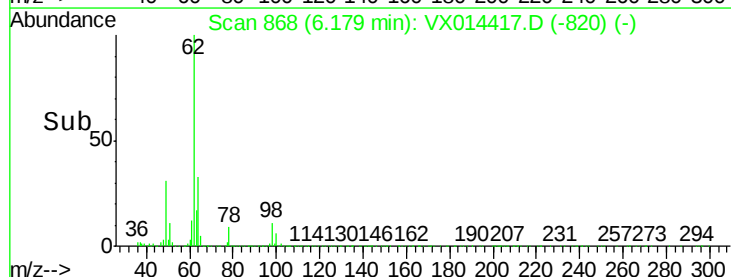
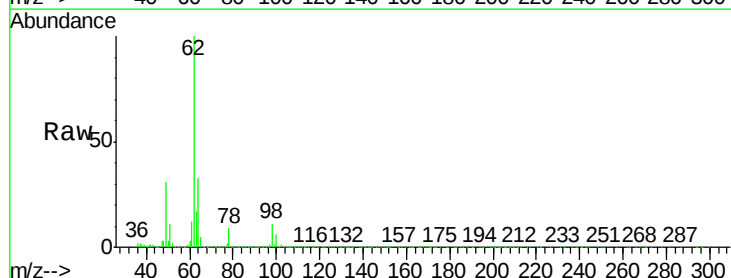
RT: 6.18 min Scan# 868

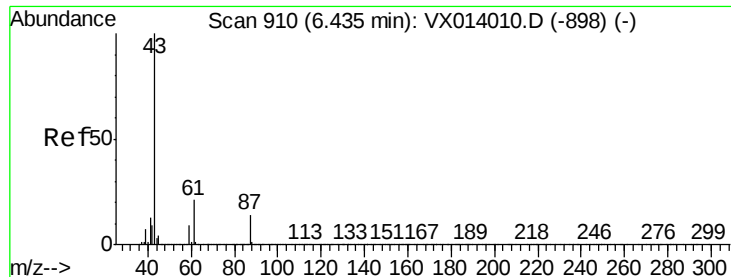
Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	21.0	





#43

Isopropyl Acetate

Concen: 53.203 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

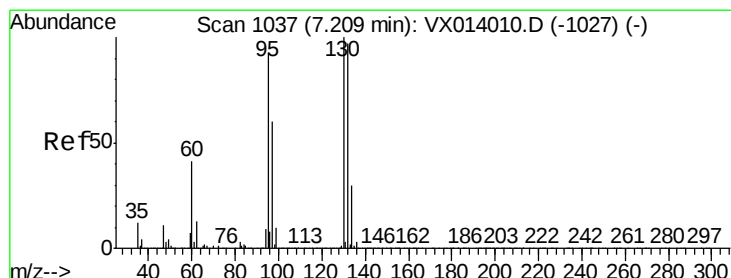
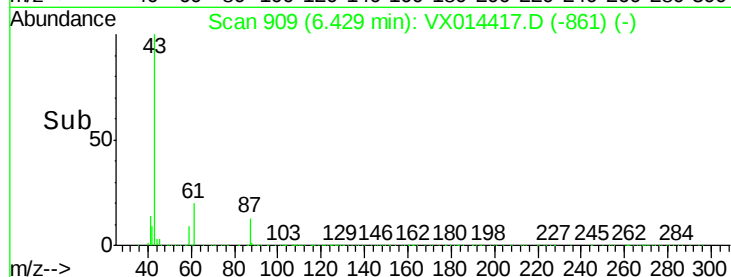
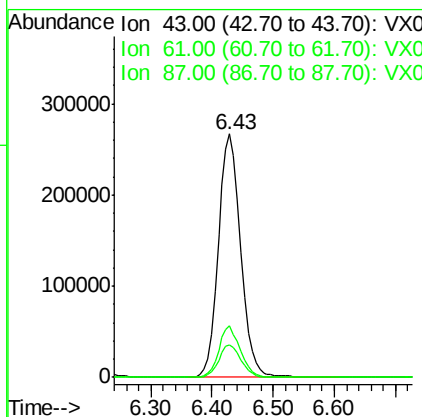
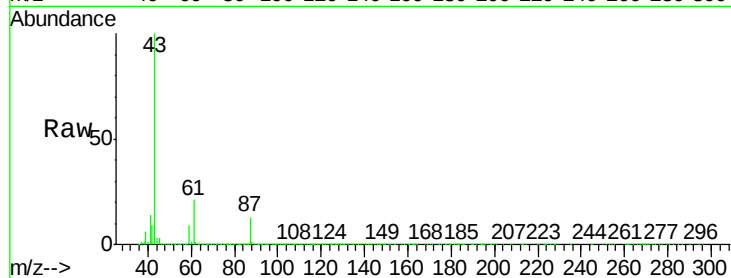
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	672434
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.4	24.6
87	13.2	10.7	16.1

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#44

Trichloroethene

Concen: 51.471 ug/l

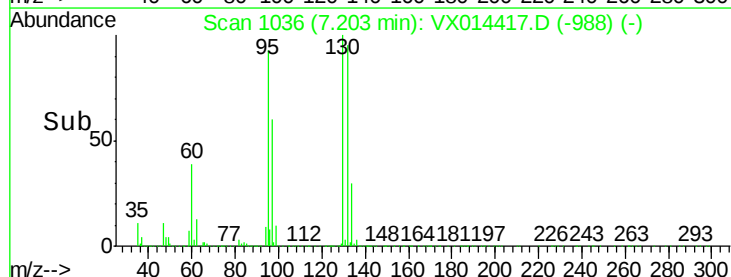
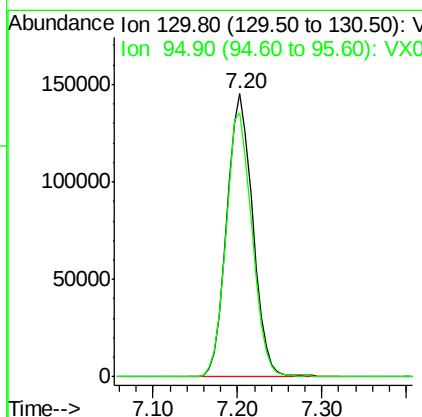
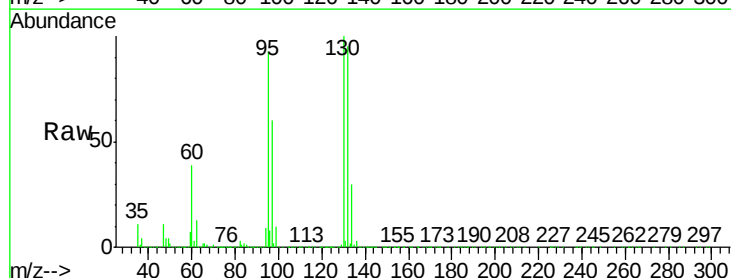
RT: 7.20 min Scan# 1036

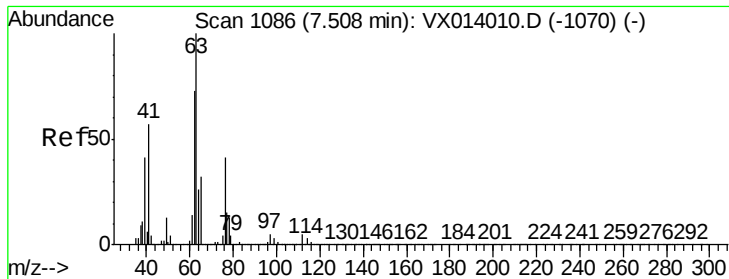
Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	130	Resp:	302522
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	185.6





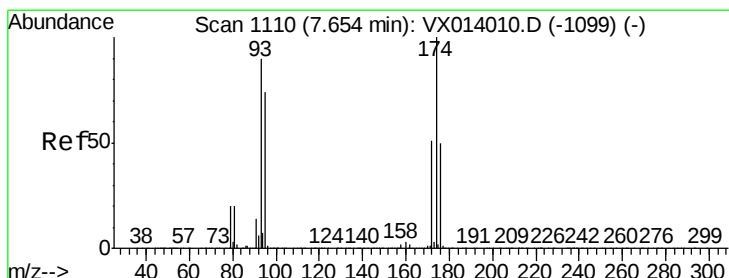
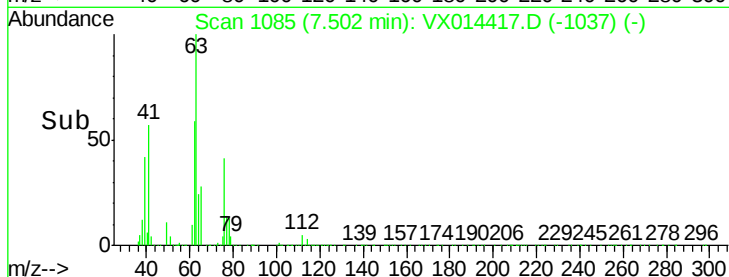
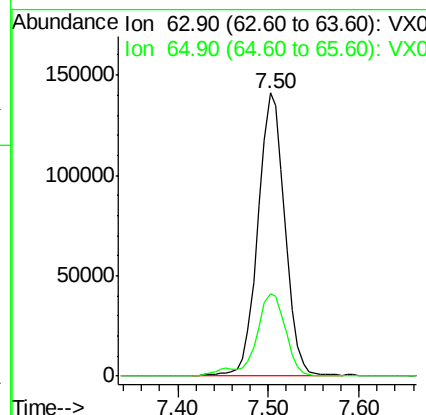
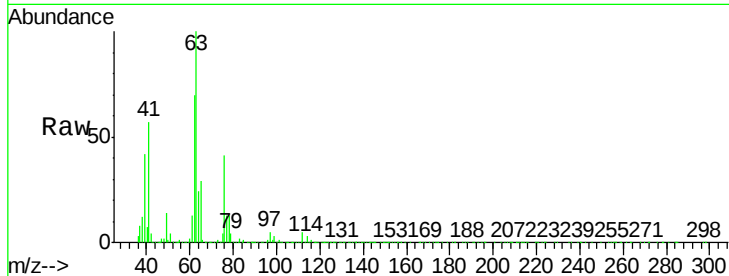
#45
 1,2-Dichloropropane
 Concen: 53.002 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.1	25.8	38.8

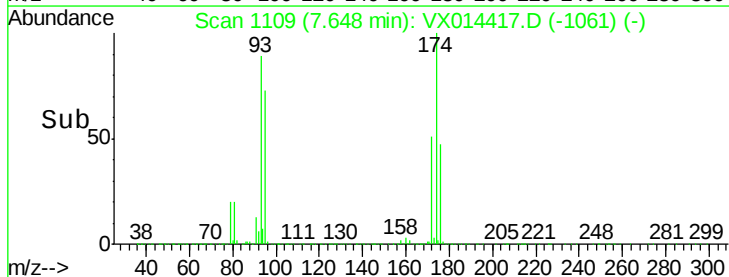
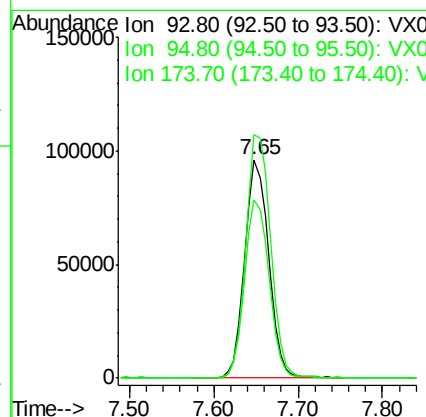
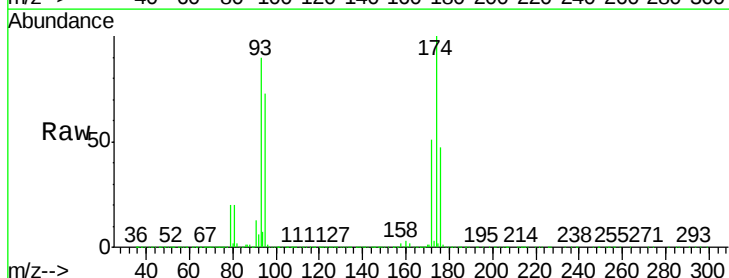
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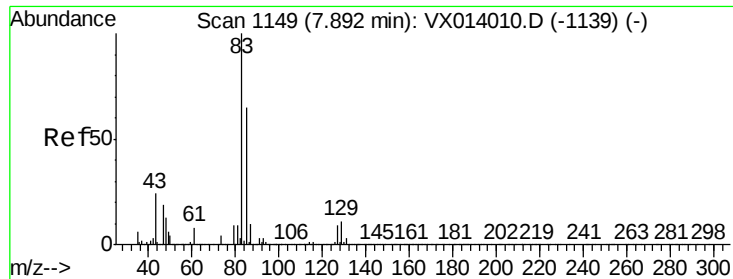
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#46
 Dibromomethane
 Concen: 51.183 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.3	100.9
174	114.3	91.6	137.4





#47

Bromodichloromethane

Concen: 55.472 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

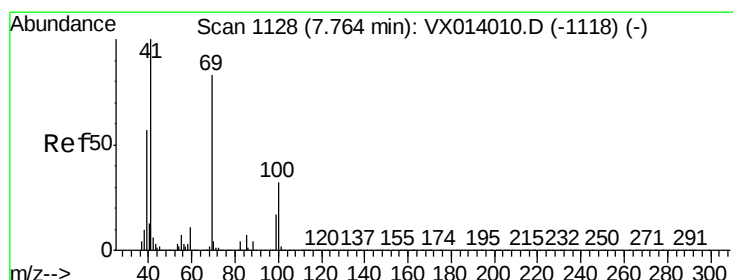
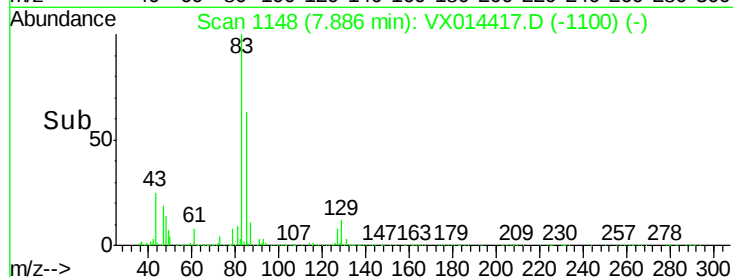
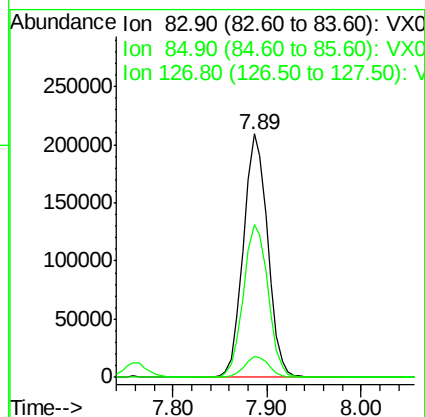
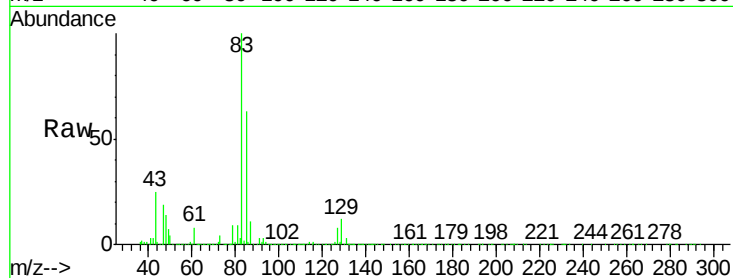
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	376730
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 53.227 ug/l

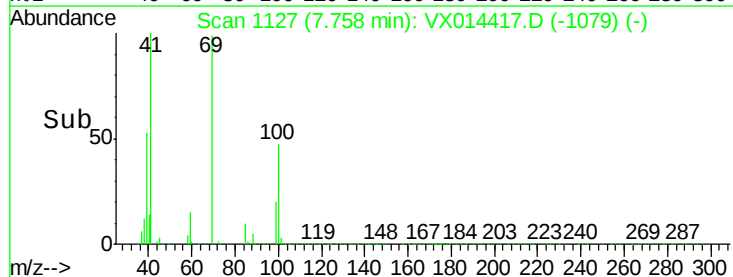
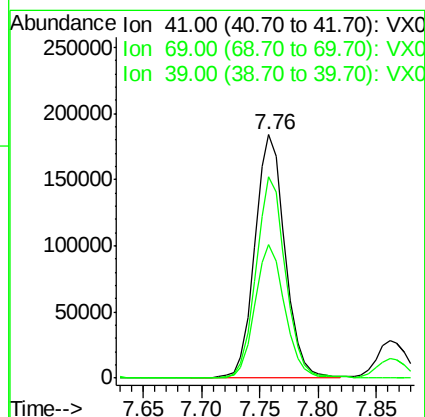
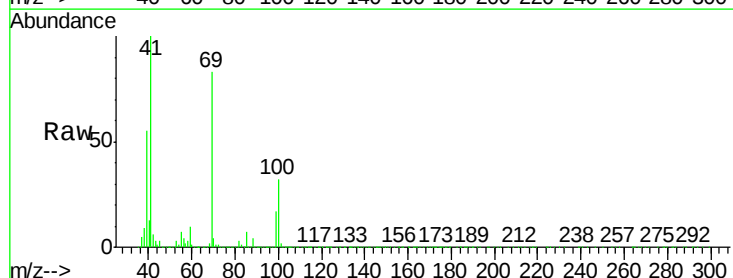
RT: 7.76 min Scan# 1127

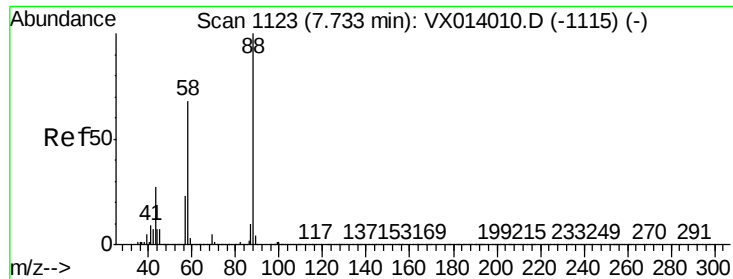
Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	41	Resp:	329421
Ion	Ratio	Lower	Upper
41	100		
69	81.3	65.8	98.6
39	54.5	44.6	67.0





#49

1,4-Dioxane

Concen: 927.497 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

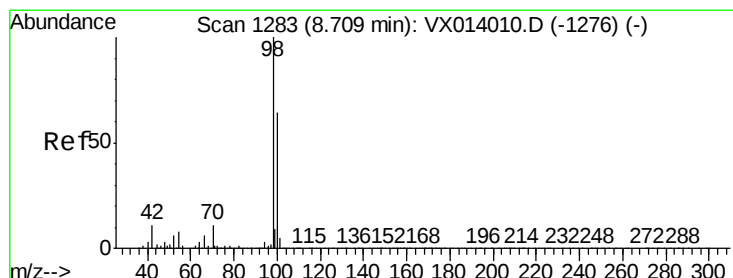
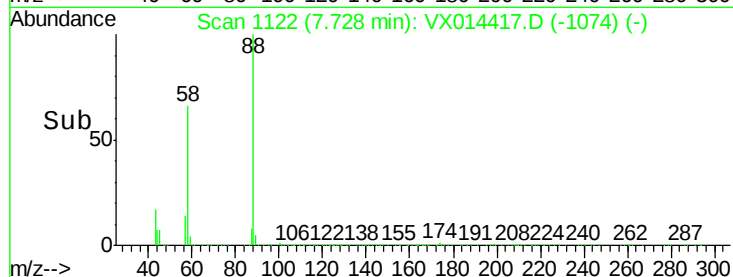
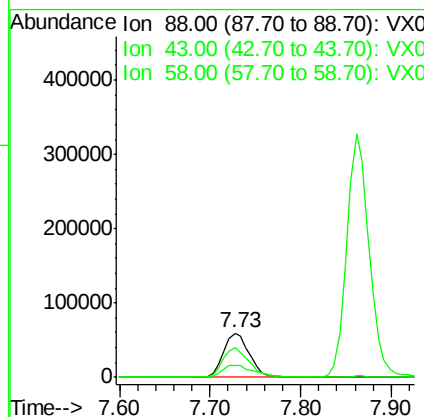
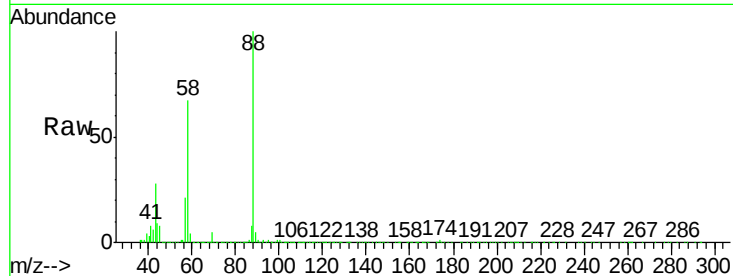
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	116816
Ion Ratio	Lower	Upper	
88	100		
43	33.2	26.5	39.7
58	68.5	56.8	85.2

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#50

Toluene-d8

Concen: 47.290 ug/l

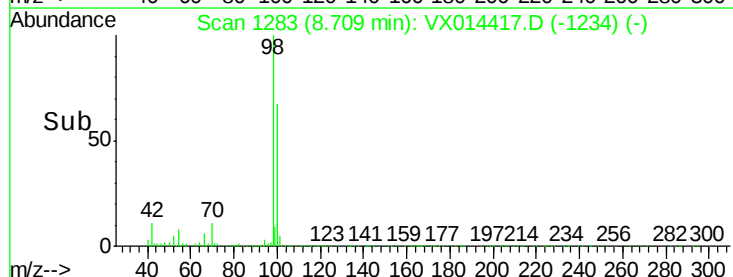
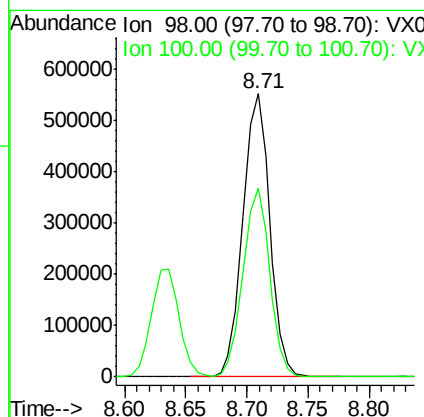
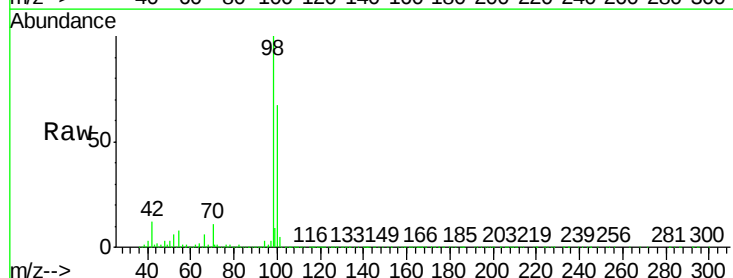
RT: 8.71 min Scan# 1283

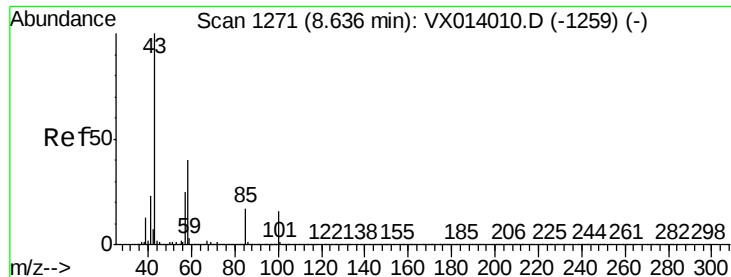
Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	98	Resp:	843578
Ion Ratio	Lower	Upper	
98	100		
100	66.0	52.9	79.3





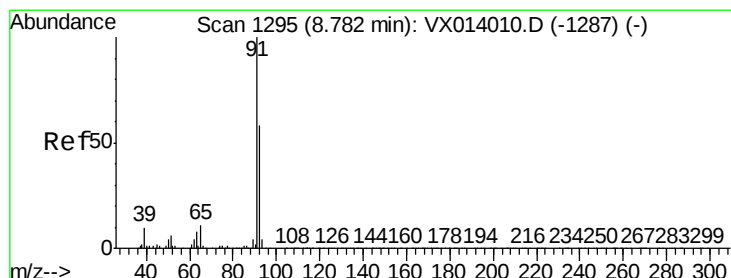
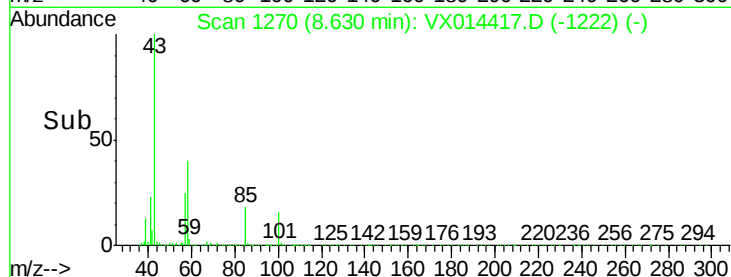
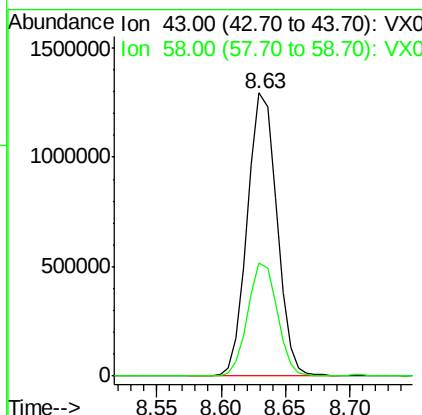
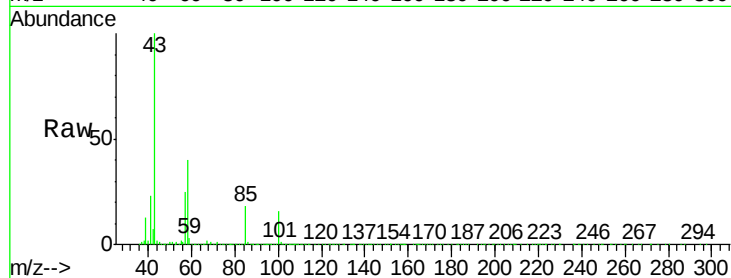
#51
 4-Methyl-2-Pentanone
 Concen: 257.930 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2047328
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.2 48.2

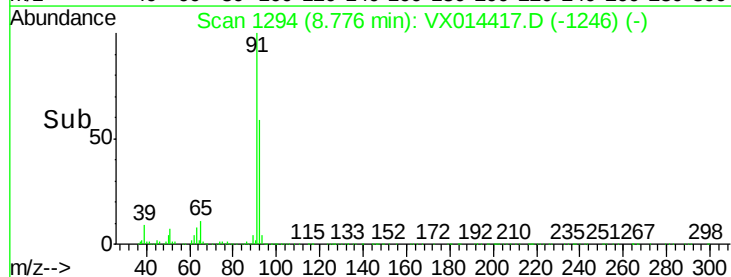
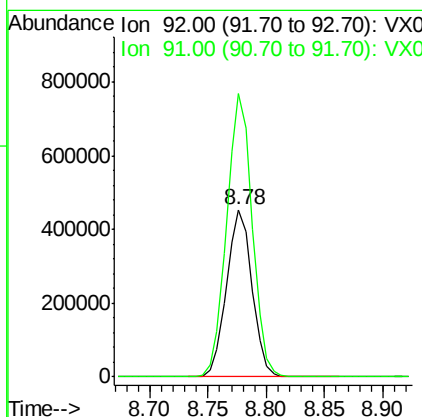
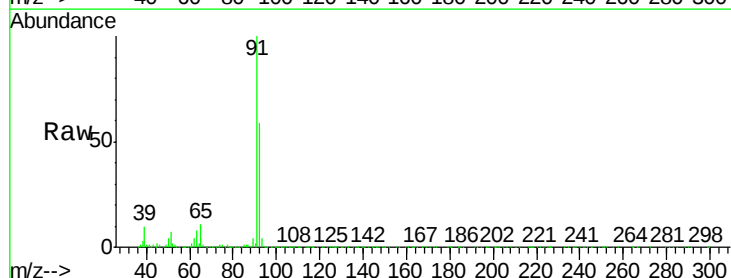
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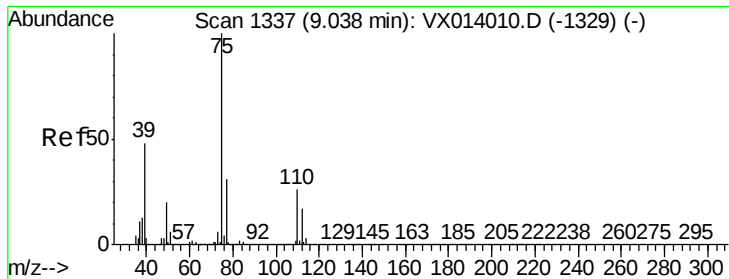
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#52
 Toluene
 Concen: 50.898 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion: 92 Resp: 684578
 Ion Ratio Lower Upper
 92 100
 91 170.9 136.2 204.4





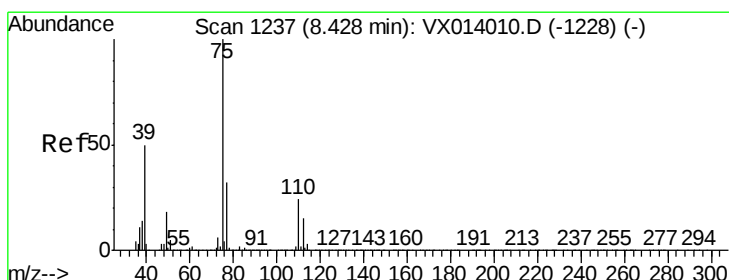
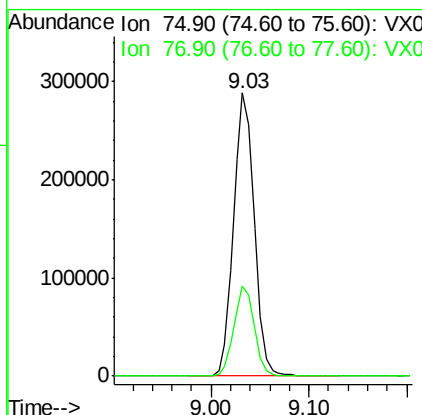
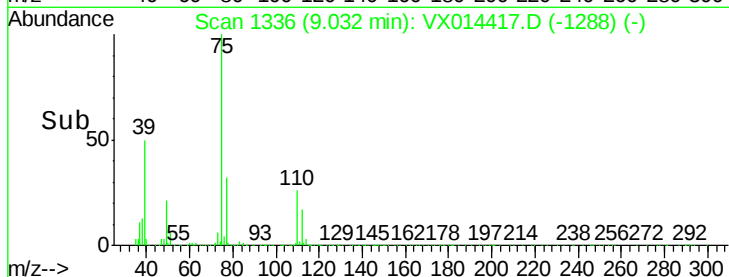
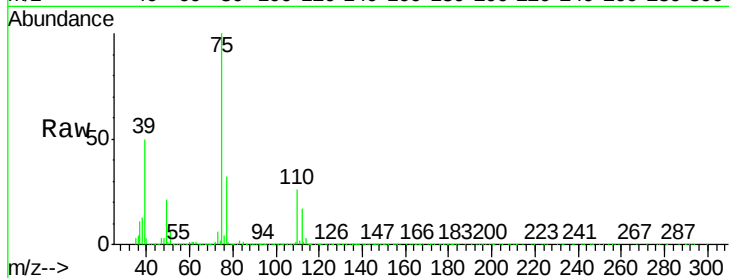
#53
t-1,3-Dichloropropene
Concen: 56.654 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 421890
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

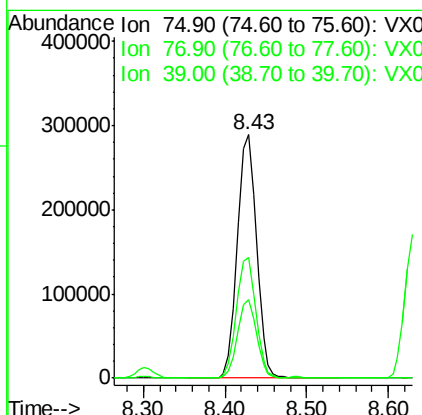
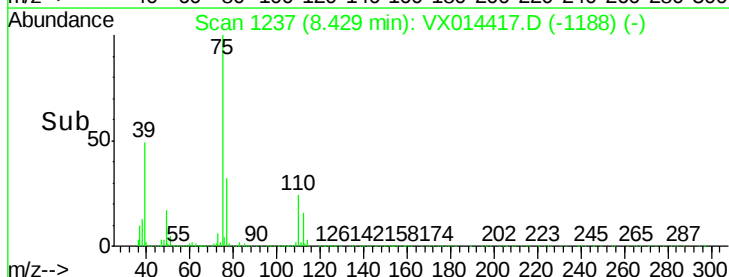
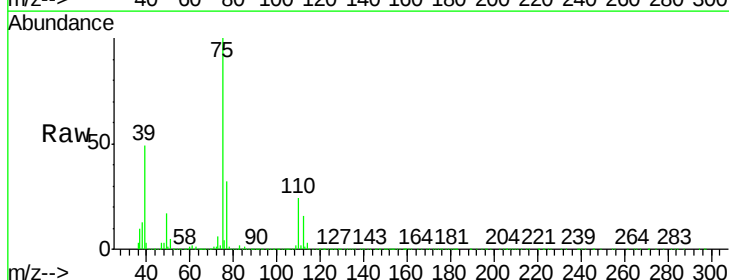
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#54
cis-1,3-Dichloropropene
Concen: 56.345 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 75 Resp: 467447
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 49.3 39.9 59.9





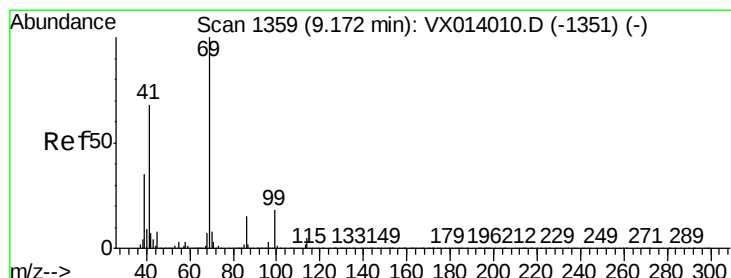
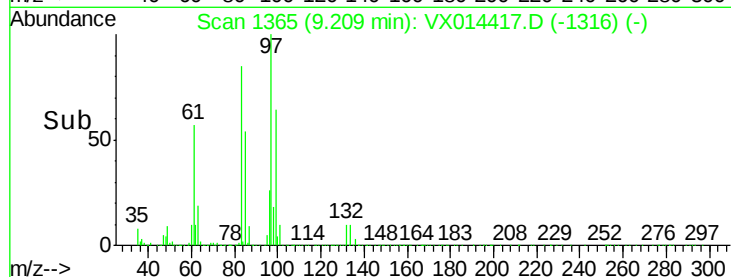
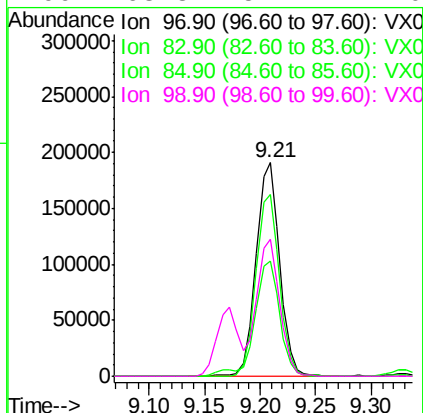
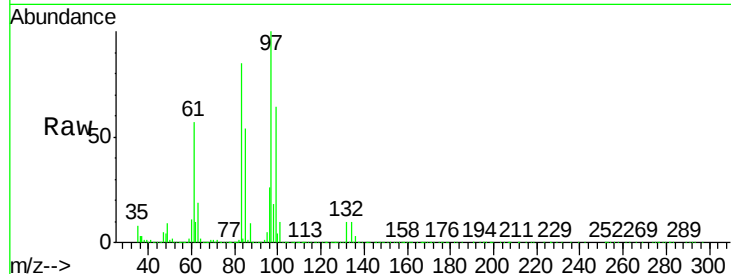
#55
 1,1,2-Trichloroethane
 Concen: 52.305 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	281960		
83	84.9	68.2	102.4	
85	54.2	44.6	66.8	
99	63.8	51.4	77.0	

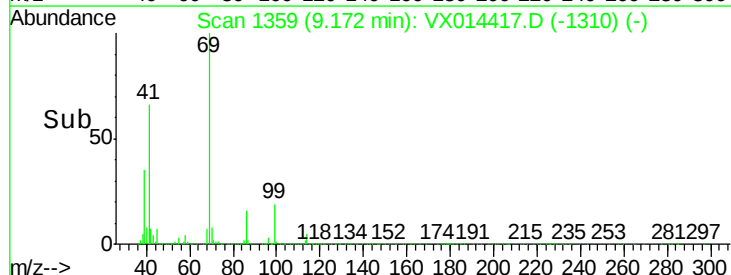
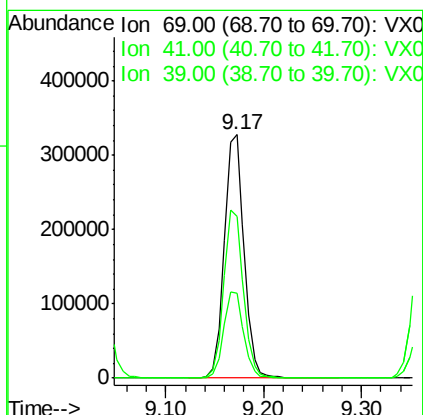
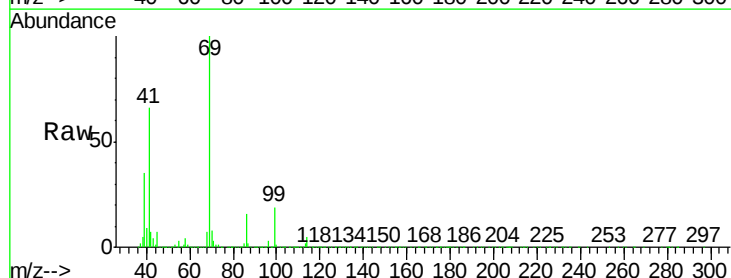
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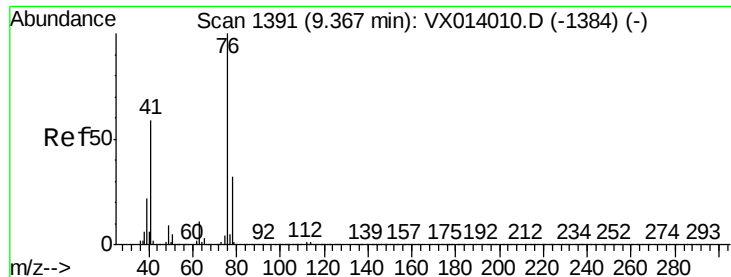
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#56
 Ethyl methacrylate
 Concen: 53.993 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	457206		
41	68.6	54.8	82.2	
39	35.6	28.3	42.5	





#57

1,3-Dichloropropane

Concen: 52.361 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 474897

Ion Ratio Lower Upper

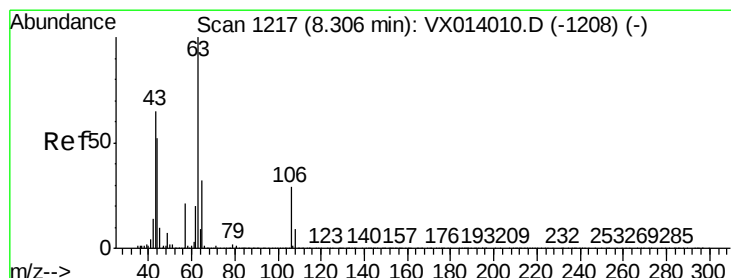
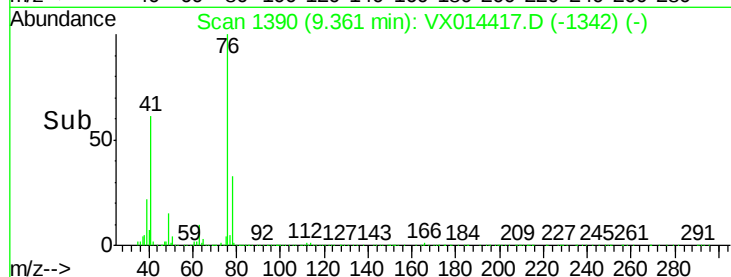
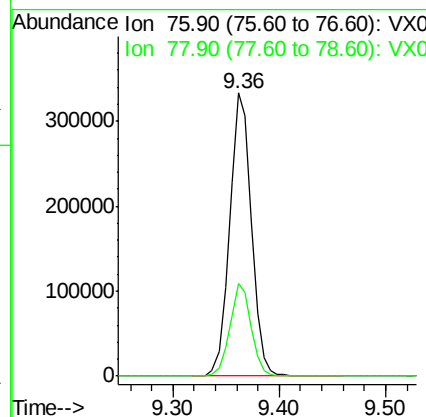
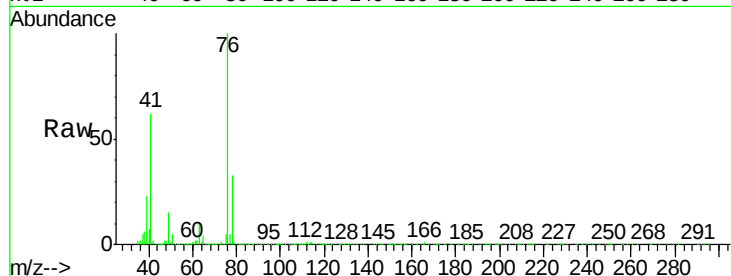
76 100

78 32.0 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 296.015 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014417.D

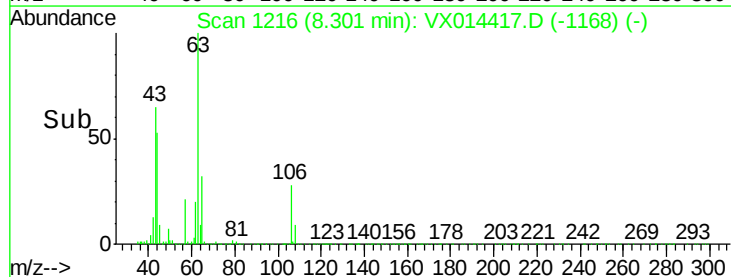
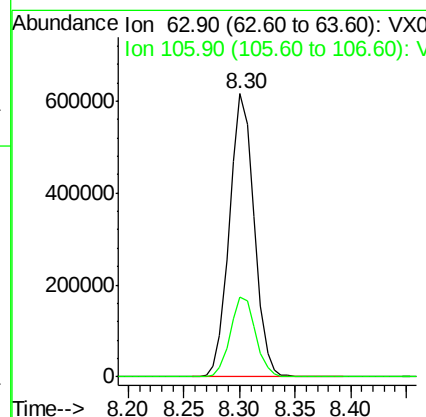
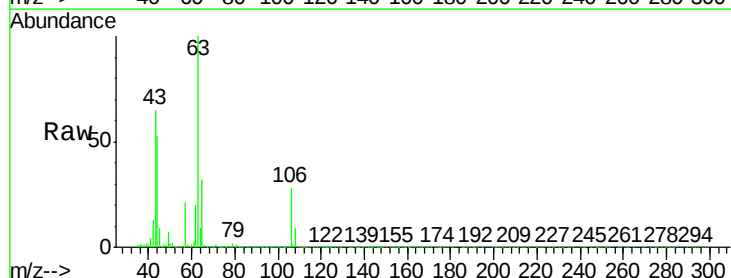
Acq: 06 Jan 2020 10:25

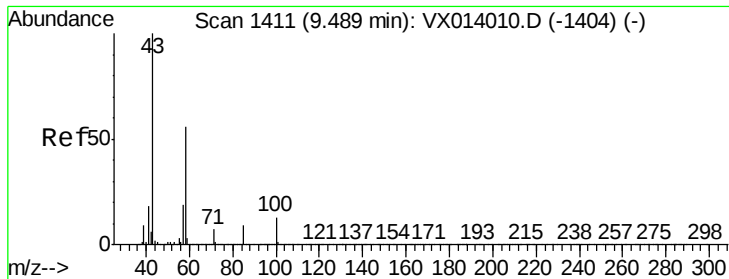
Tgt Ion: 63 Resp: 948588

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6





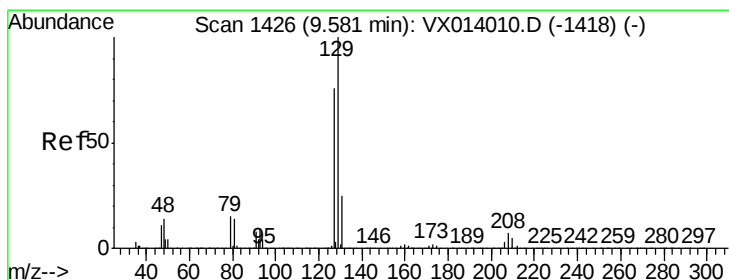
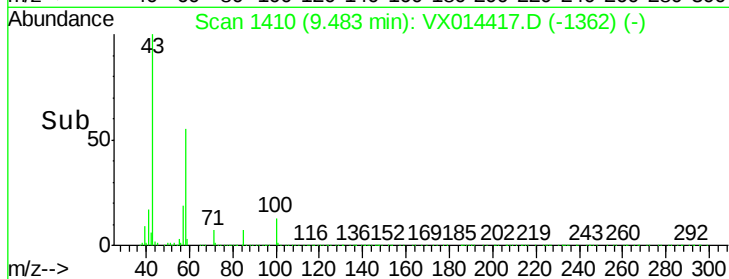
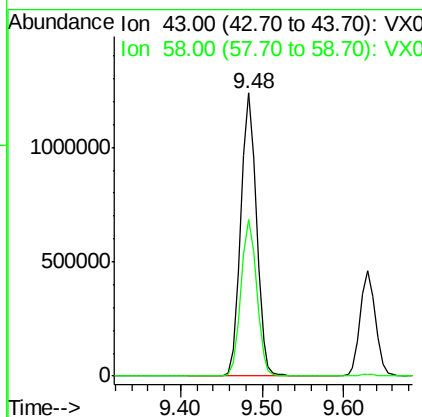
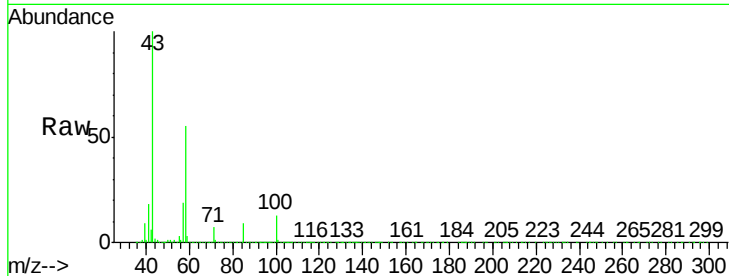
#59
2-Hexanone
Concen: 255.108 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 1630074
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0

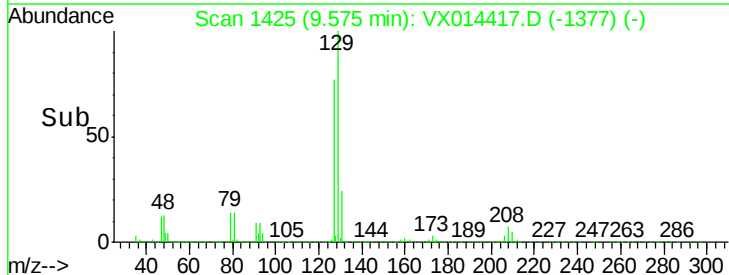
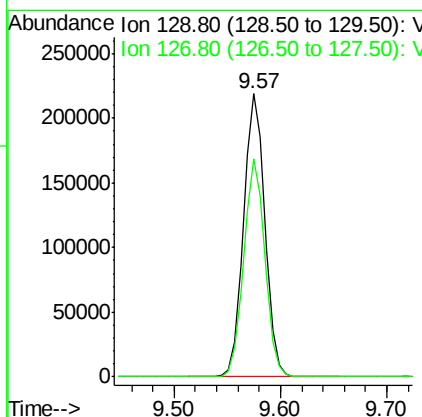
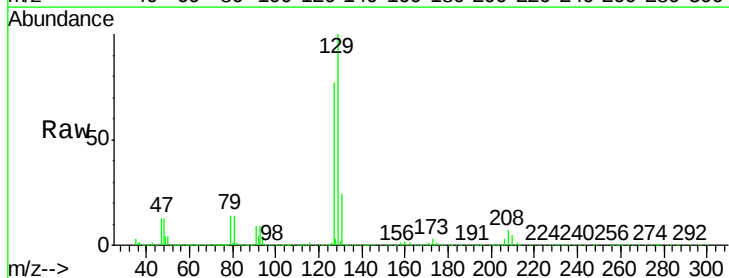
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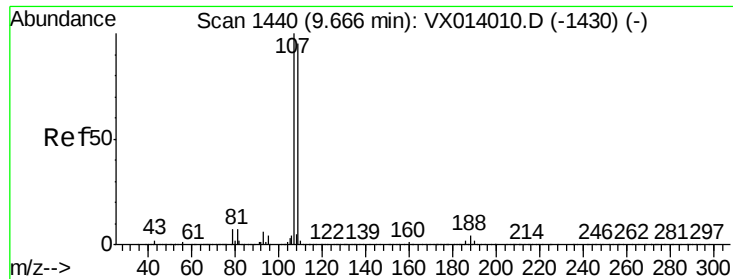
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#60
Dibromochloromethane
Concen: 57.525 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 129 Resp: 308240
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.857 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 291532

Ion Ratio Lower Upper

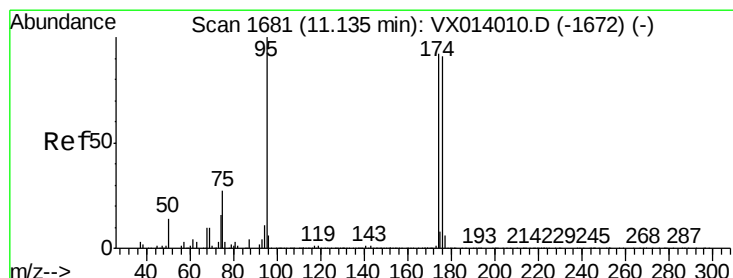
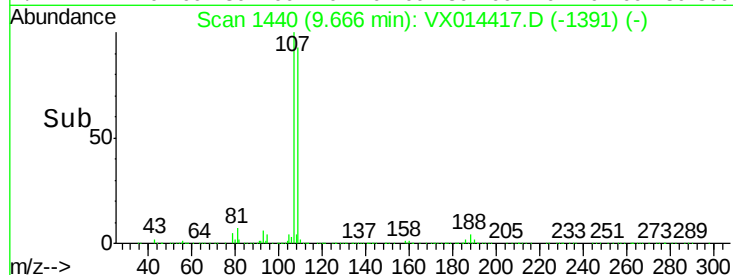
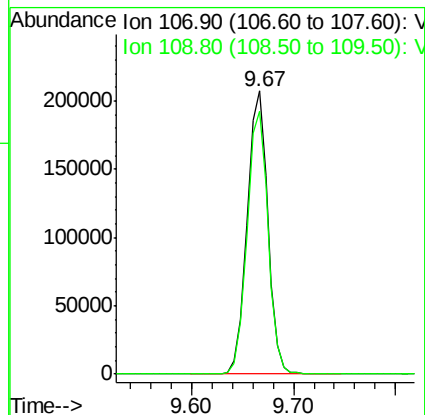
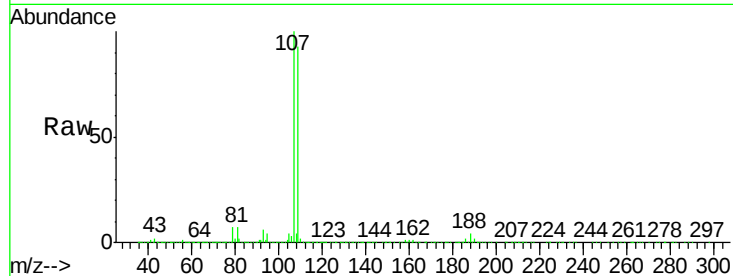
107 100

109 94.4 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 47.852 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

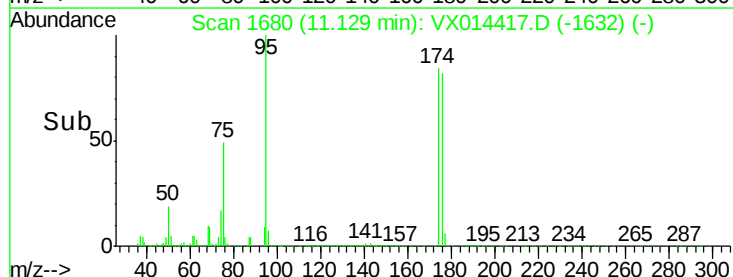
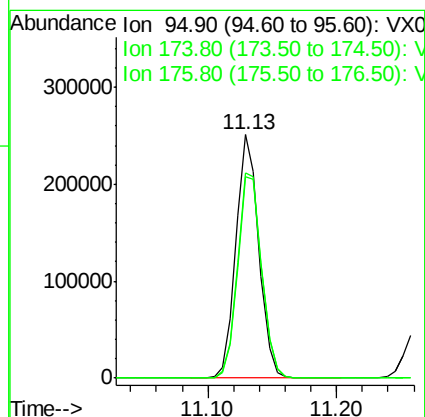
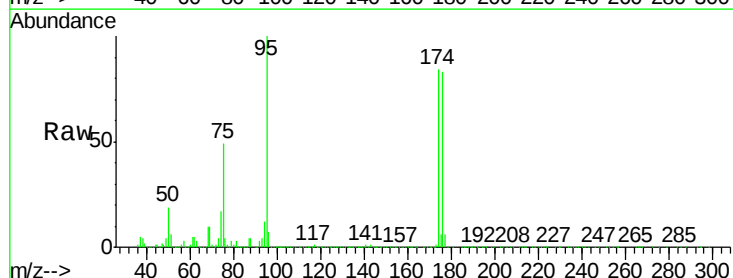
Tgt Ion: 95 Resp: 312025

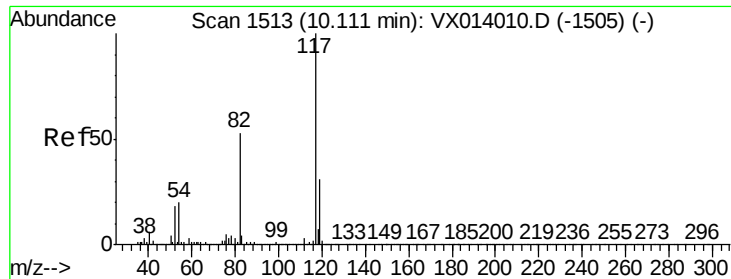
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

176 86.8 0.0 173.0





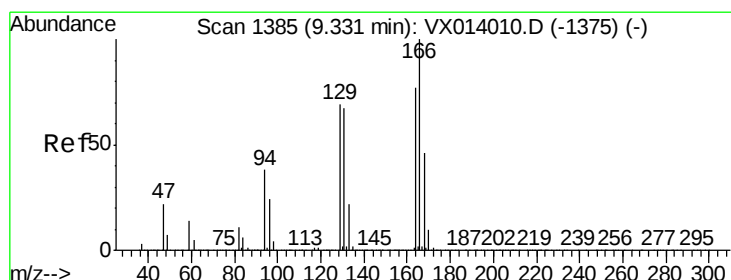
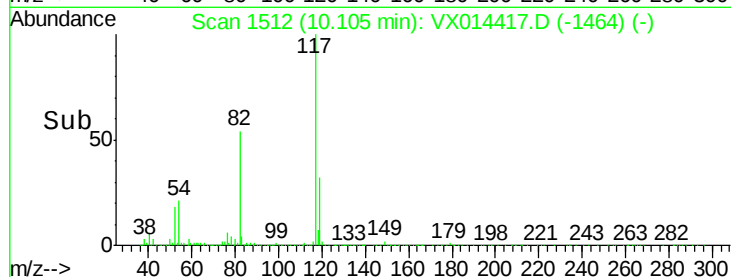
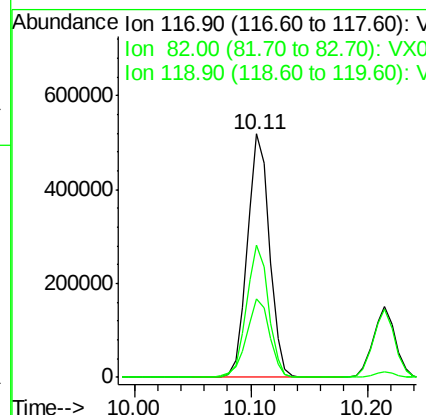
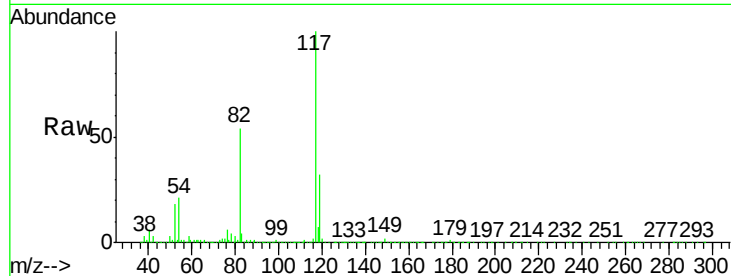
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.2	42.2	63.4
119	32.0	25.1	37.7

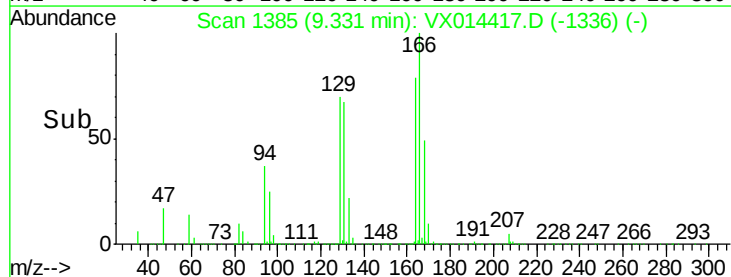
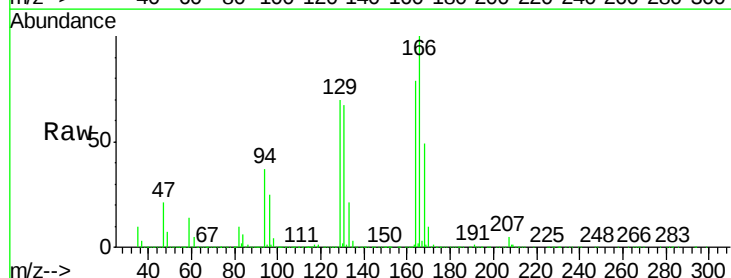
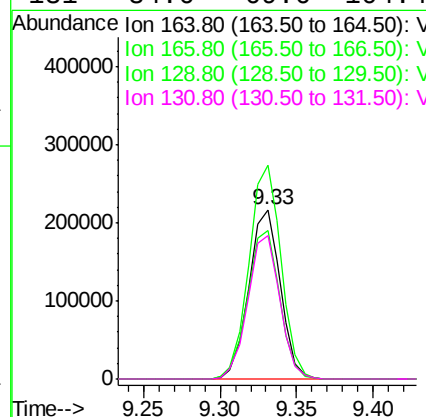
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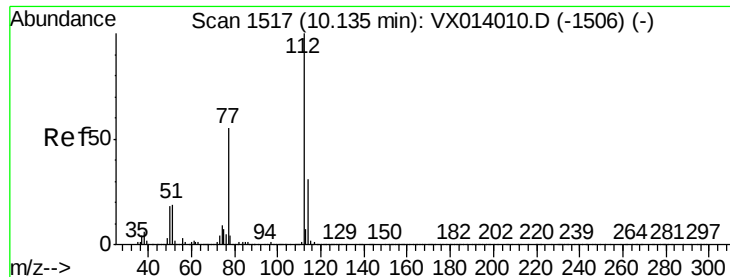
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#64
Tetrachloroethene
Concen: 51.006 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.3	104.0	156.0
129	87.9	72.2	108.4
131	84.6	69.6	104.4





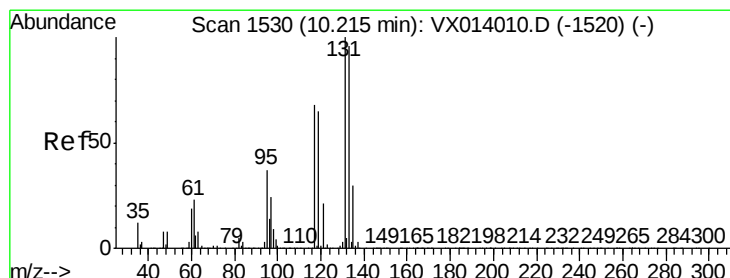
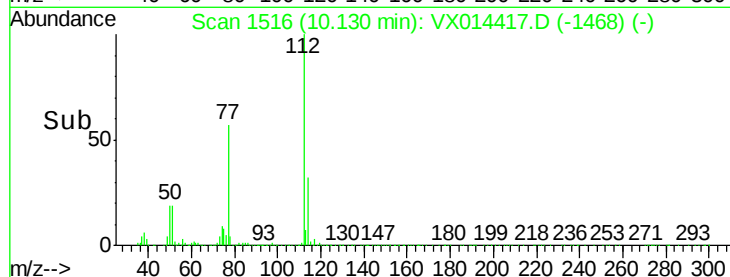
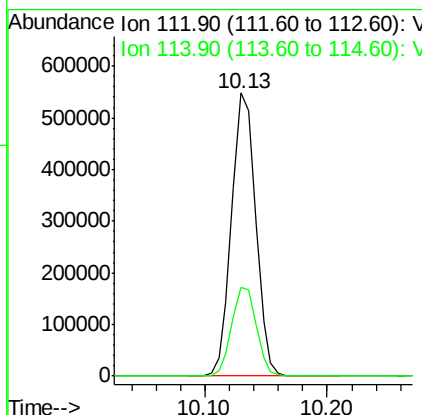
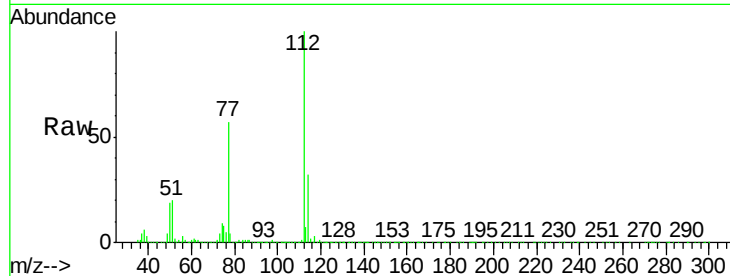
#65
Chlorobenzene
Concen: 51.168 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 112 Resp: 748845
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3

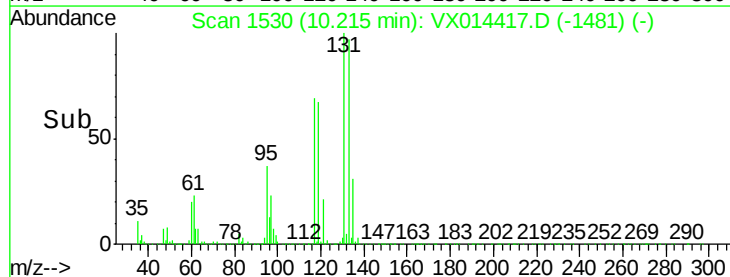
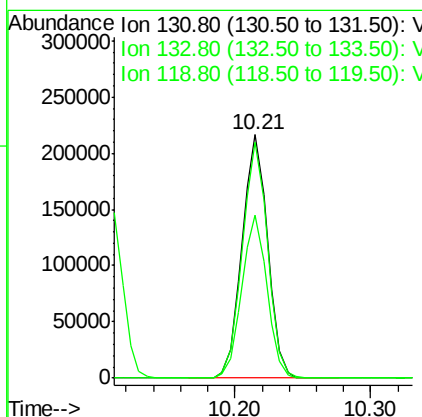
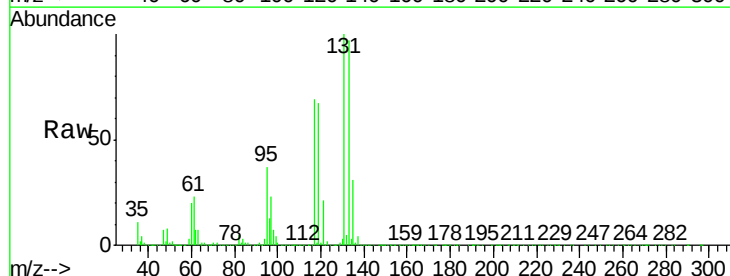
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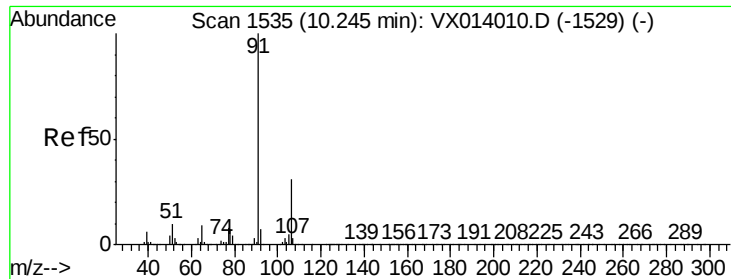
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.343 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 131 Resp: 283973
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.0 33.4 100.2





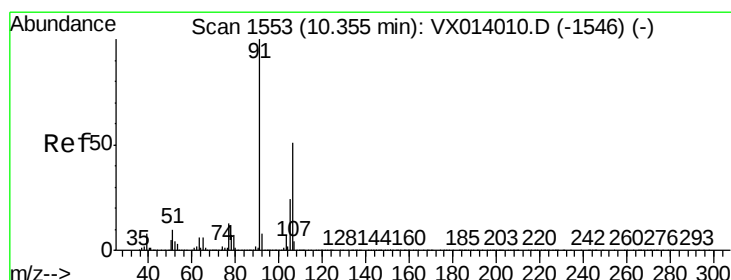
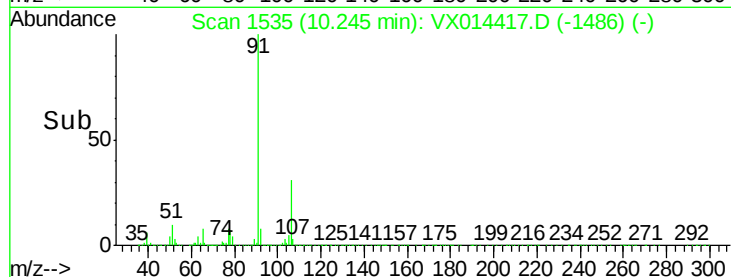
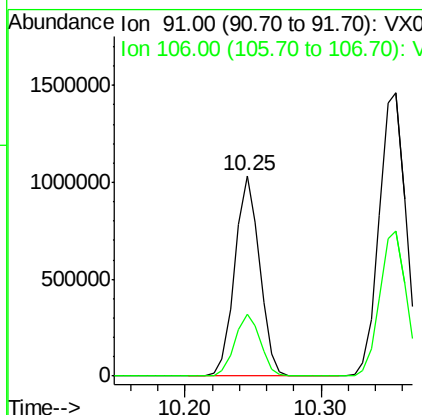
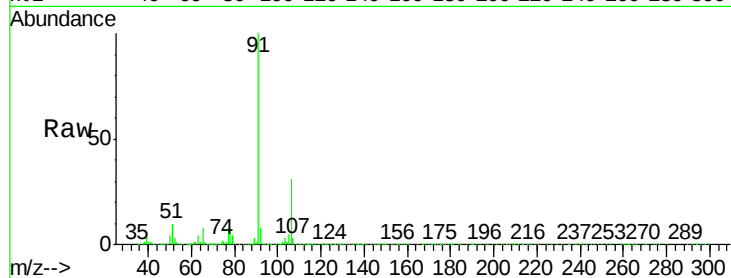
#67
Ethyl Benzene
Concen: 52.289 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1315645
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

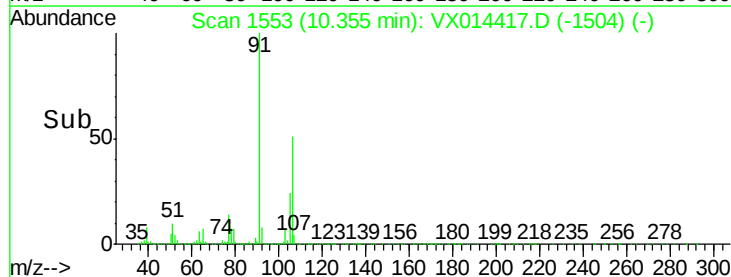
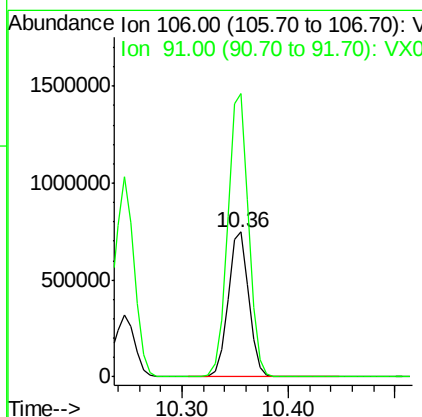
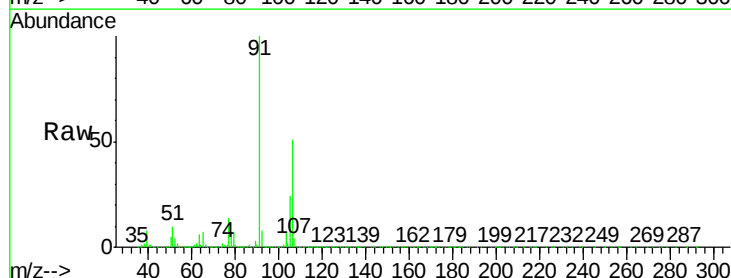
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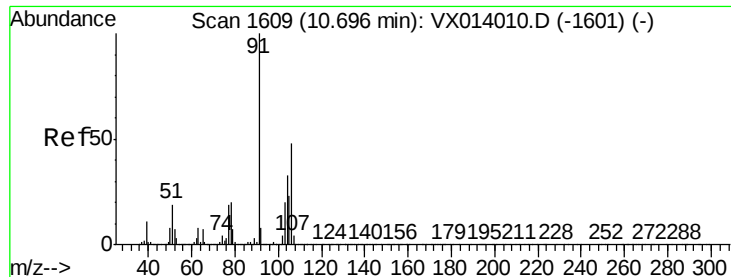
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#68
m/p-Xylenes
Concen: 104.530 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion: 106 Resp: 1011571
Ion Ratio Lower Upper
106 100
91 197.5 158.6 238.0





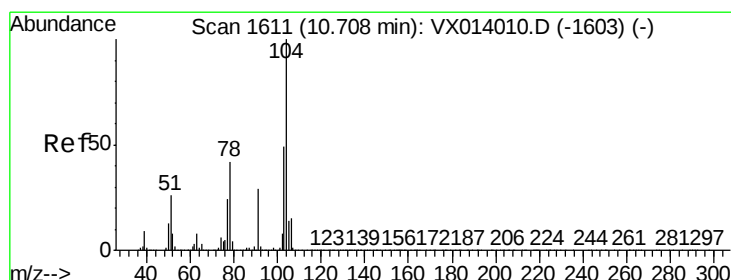
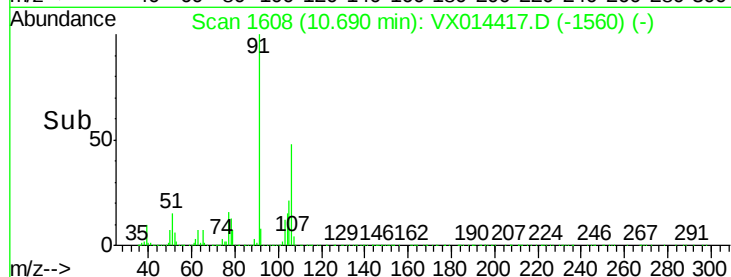
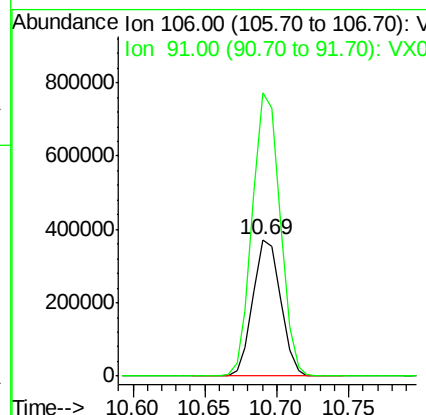
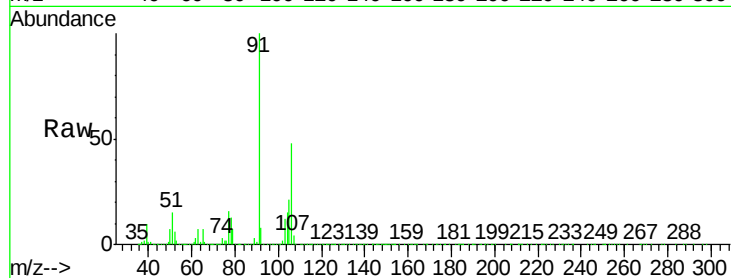
#69
o-Xylene
Concen: 52.017 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 493695
Ion Ratio Lower Upper
106 100
91 207.8 104.2 312.6

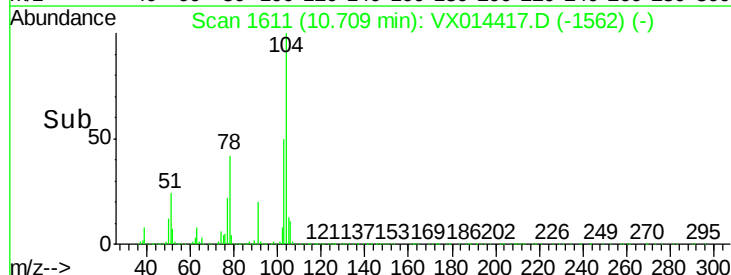
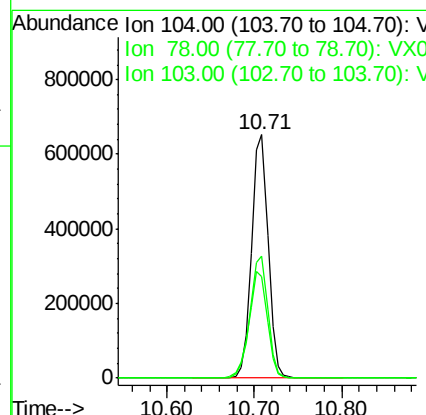
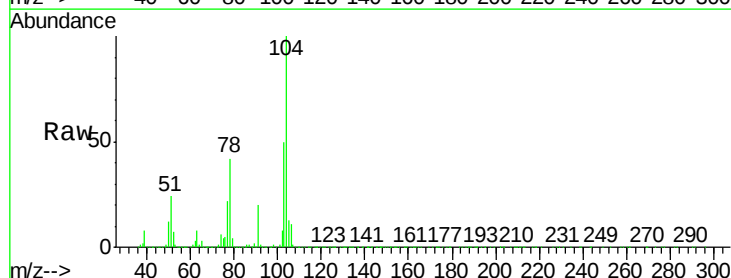
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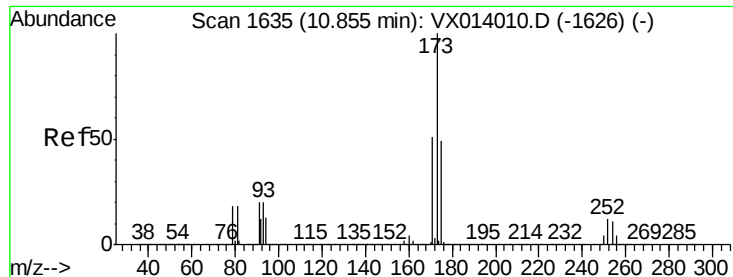
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#70
Styrene
Concen: 52.811 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion:104 Resp: 847583
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.1 42.9 64.3





#71

Bromoform

Concen: 57.423 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

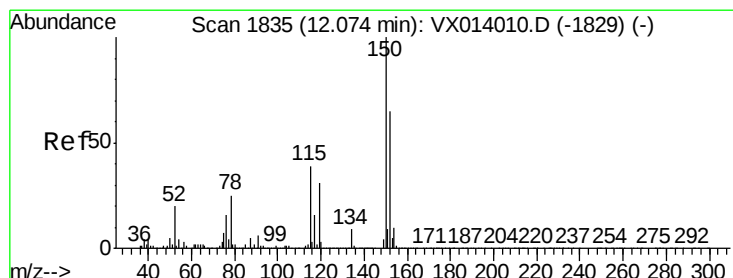
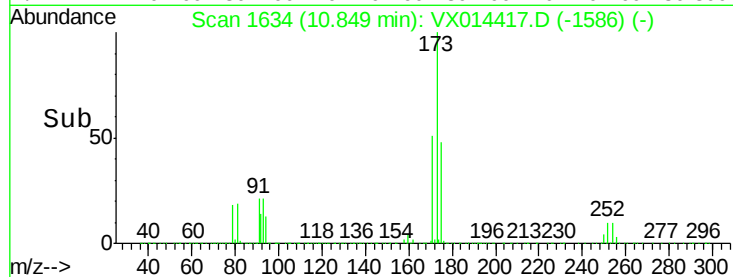
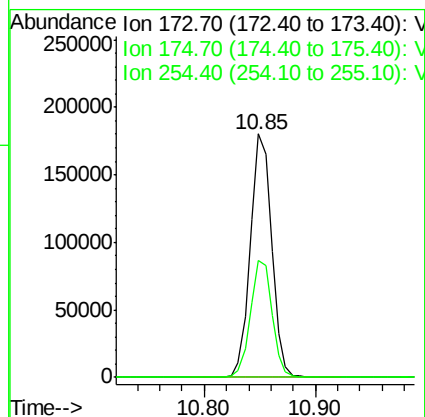
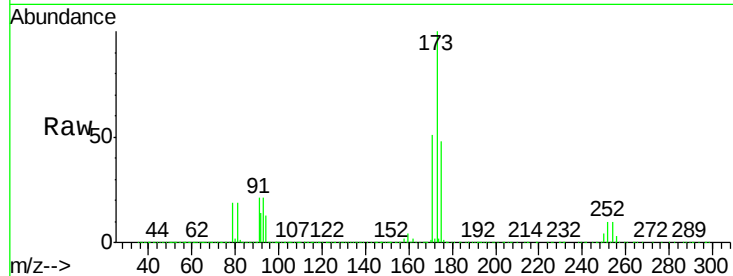
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	241203
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.4	73.4
254	0.2	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

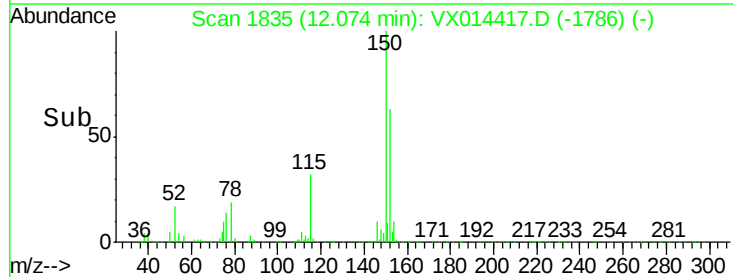
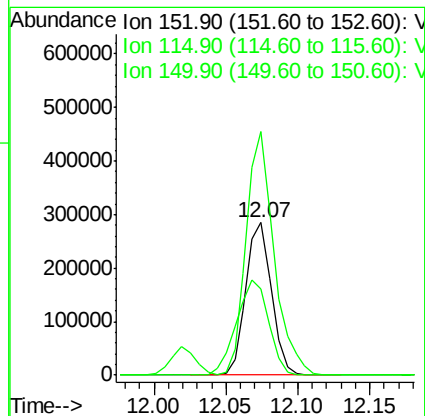
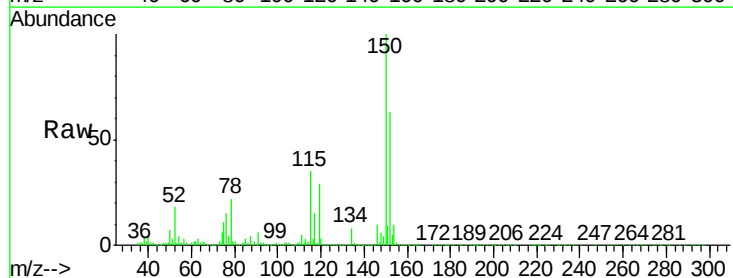
RT: 12.07 min Scan# 1835

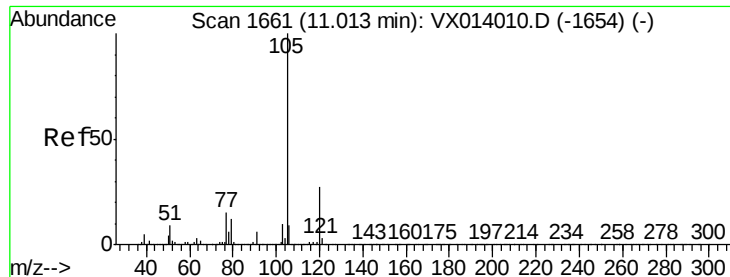
Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	152	Resp:	350577
Ion Ratio	Lower	Upper	
152	100		
115	78.8	38.3	114.9
150	174.0	0.0	345.4





#73

Isopropylbenzene

Concen: 53.783 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1327541

Ion Ratio Lower Upper

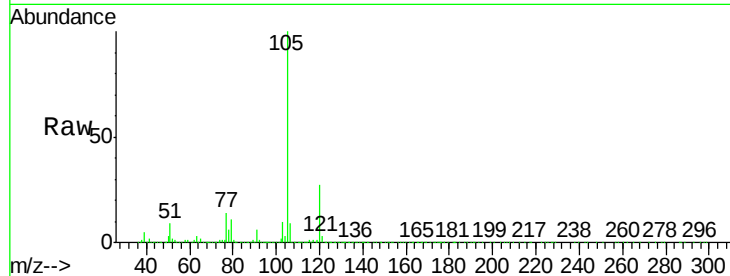
105 100

120 27.3 13.5 40.4

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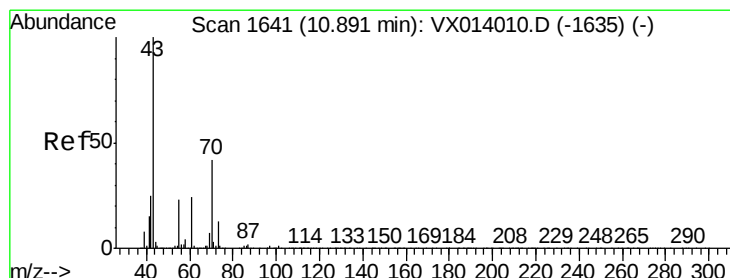
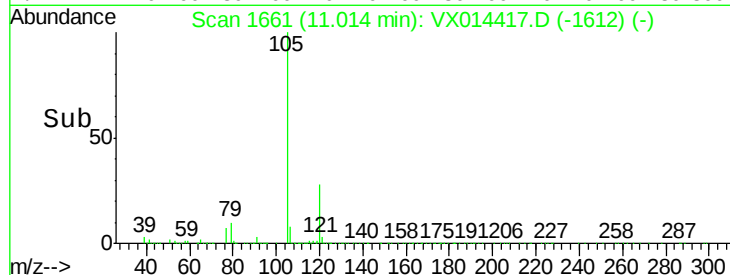
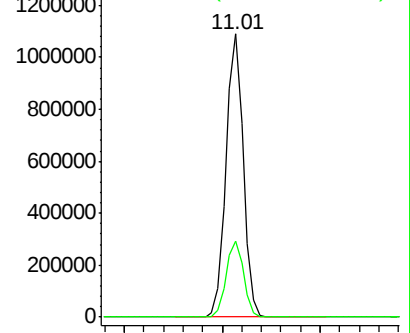
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.582 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion: 43 Resp: 596806

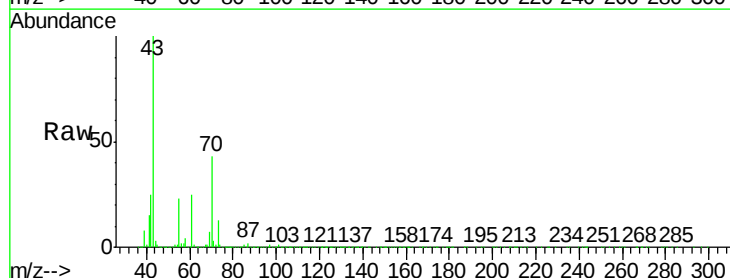
Ion Ratio Lower Upper

43 100

70 43.9 34.4 51.6

55 23.7 19.1 28.7

61 25.1 19.7 29.5

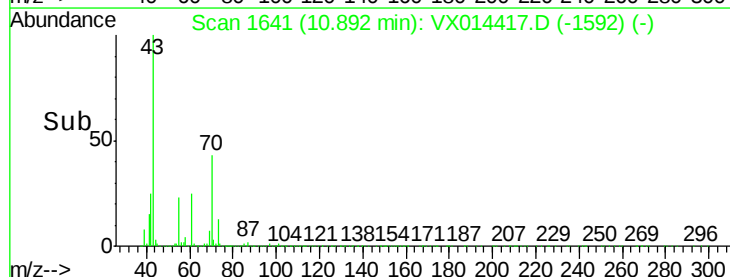
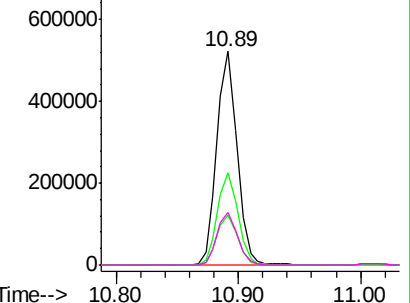


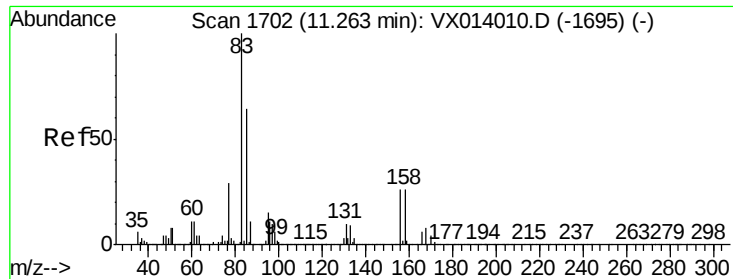
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.916 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 427155

Ion Ratio Lower Upper

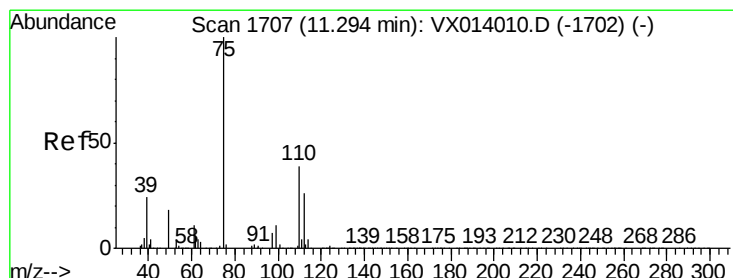
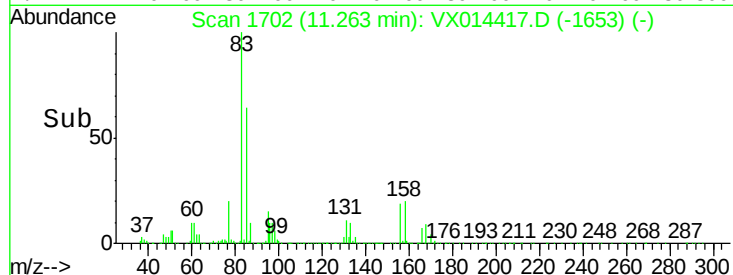
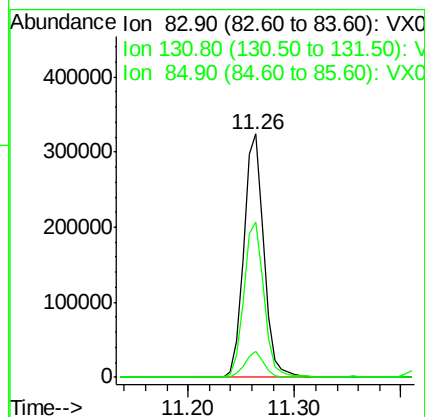
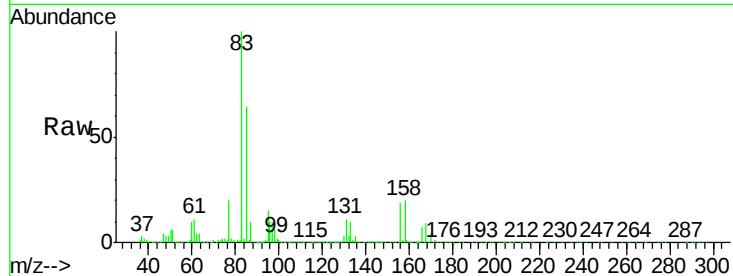
83 100

131 10.2 5.1 15.2

85 64.2 31.9 95.7

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#76

1,2,3-Trichloropropane

Concen: 47.268 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014417.D

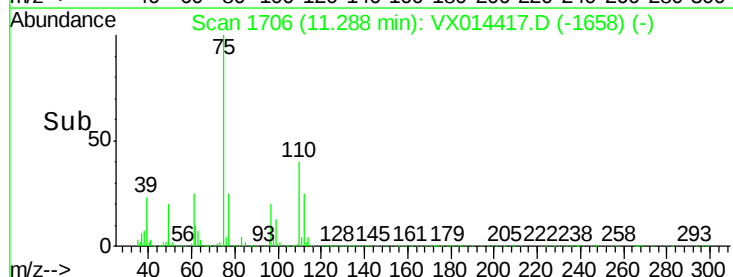
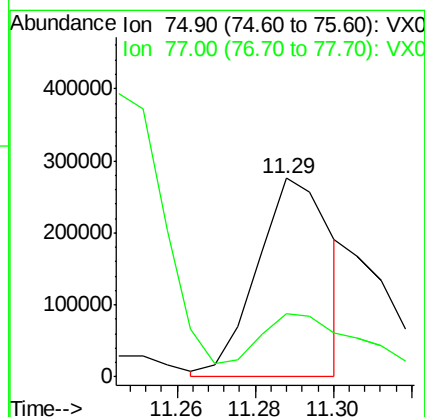
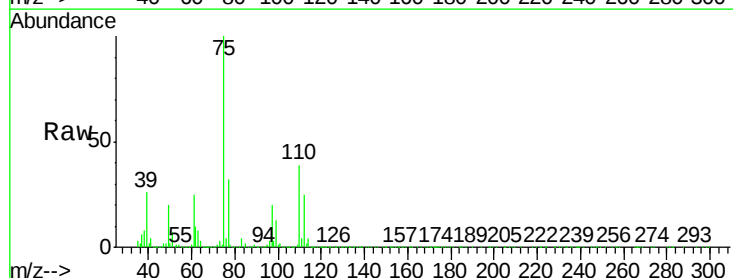
Acq: 06 Jan 2020 10:25

Tgt Ion: 75 Resp: 359752

Ion Ratio Lower Upper

75 100

77 45.0 19.3 57.8





#77

Bromobenzene

Concen: 49.816 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

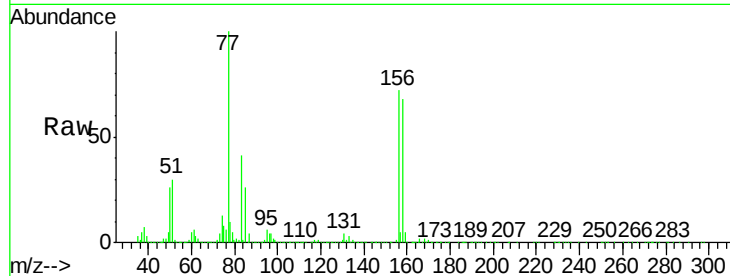
ClientSampled :

VSTDCCC050

Tgt Ion:	156	Resp:	338317
Ion Ratio	Lower	Upper	
156	100		
77	150.1	76.5	229.5
158	98.3	49.3	147.9

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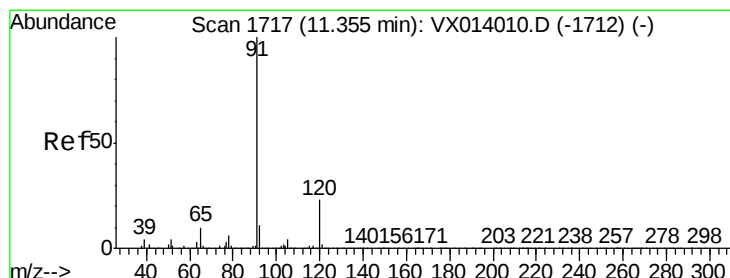
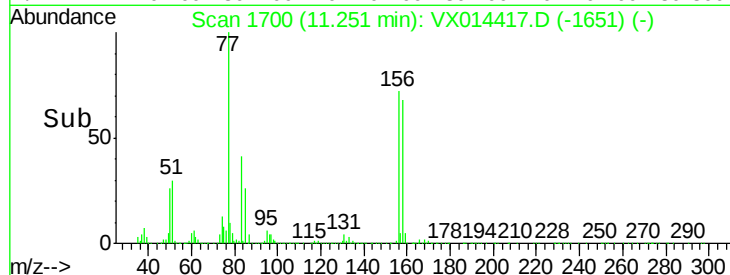
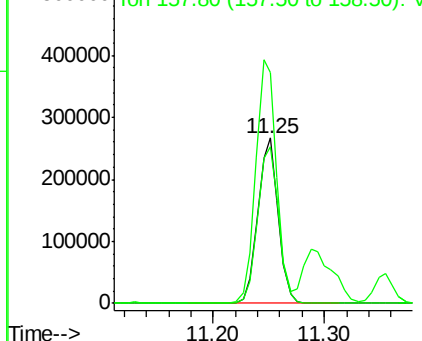
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.415 ug/l

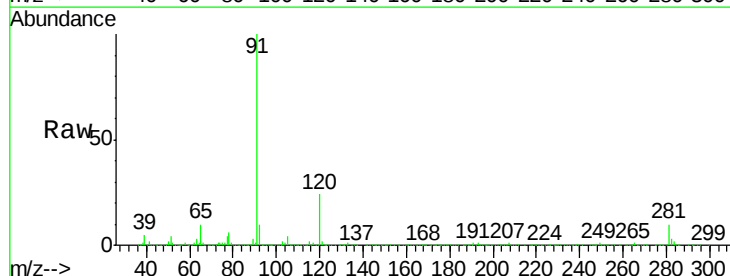
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014417.D

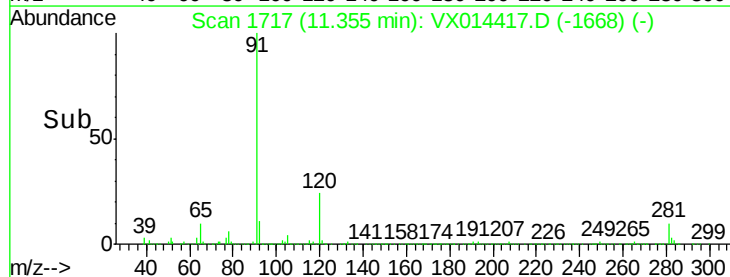
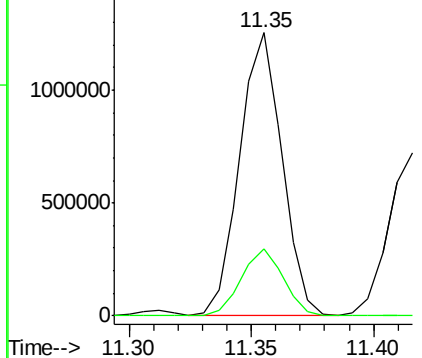
Acq: 06 Jan 2020 10:25

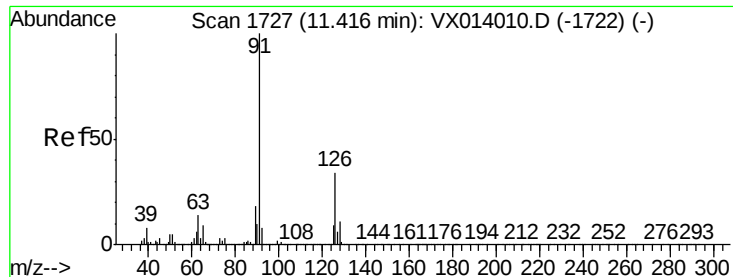
Tgt Ion:	91	Resp:	1506579
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.269 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 91 Resp: 879683

Ion Ratio Lower Upper

91 100

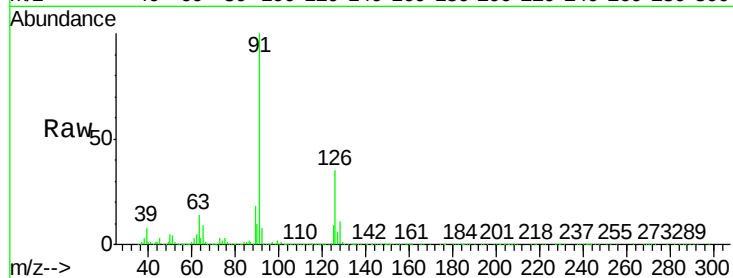
126 34.9 17.2 51.6

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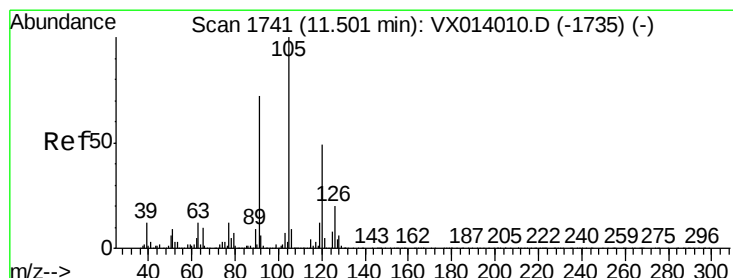
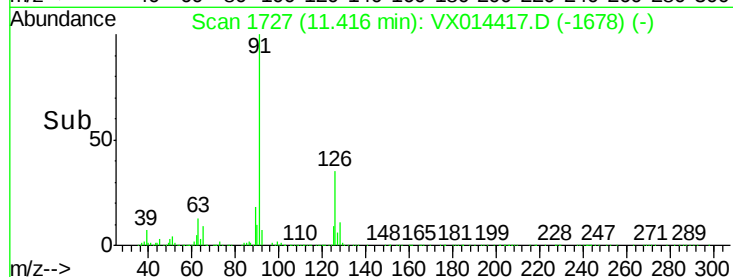
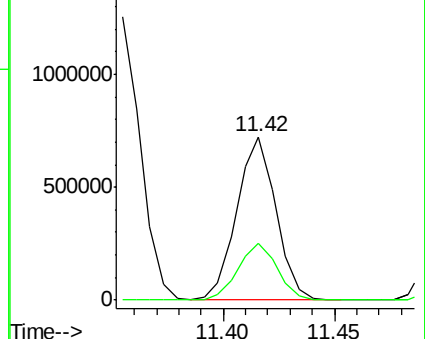
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.966 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014417.D

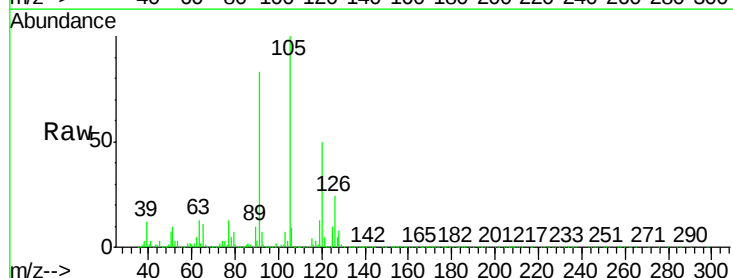
Acq: 06 Jan 2020 10:25

Tgt Ion: 105 Resp: 1100292

Ion Ratio Lower Upper

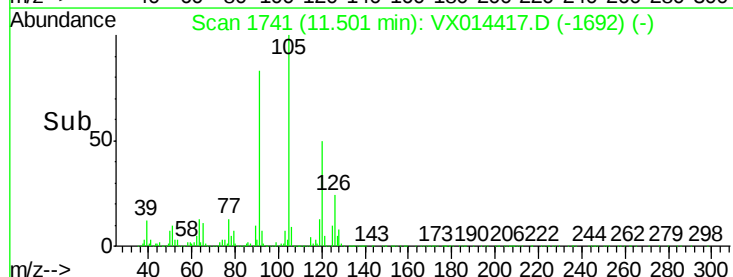
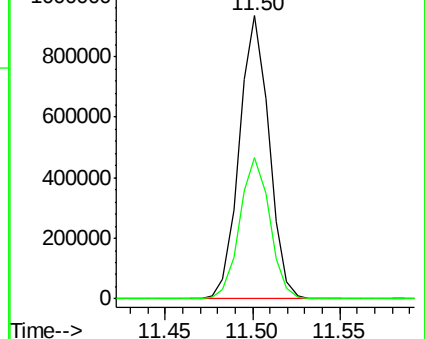
105 100

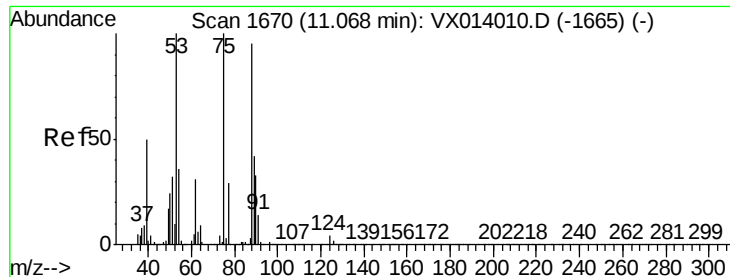
120 50.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 56.691 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Instrument :

MSVOA_X

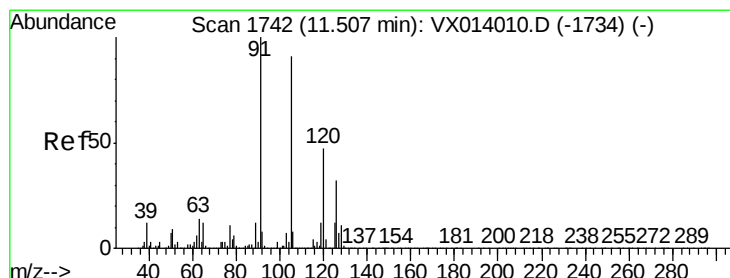
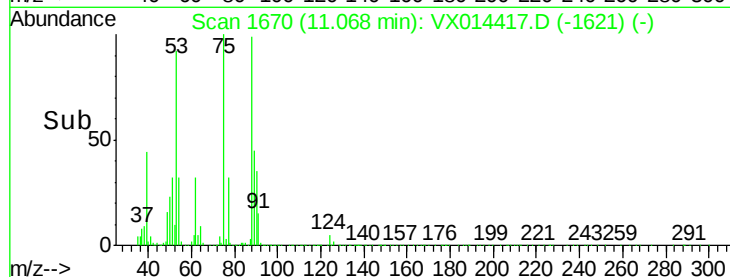
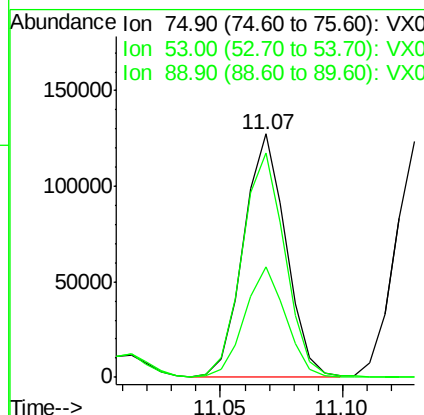
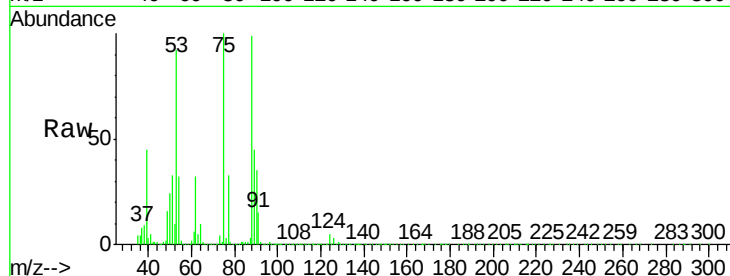
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	152868
Ion Ratio	Lower	Upper	
75	100		
53	93.8	76.7	115.1
89	44.6	34.6	51.8

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#82

4-Chlorotoluene

Concen: 52.182 ug/l

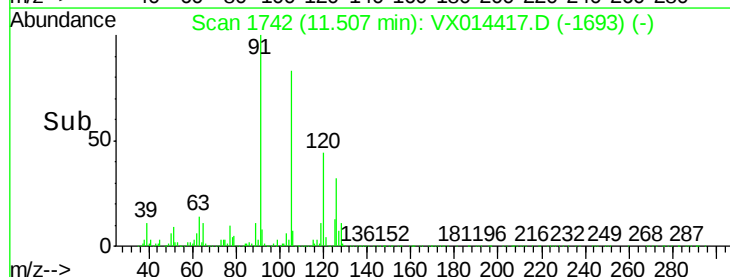
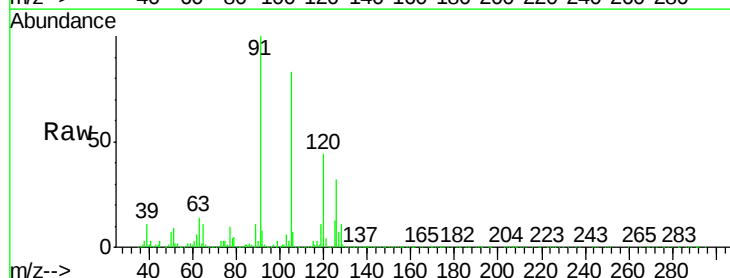
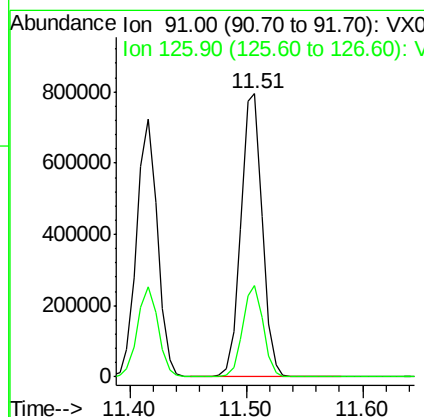
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion:	91	Resp:	1018712
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.6	46.8





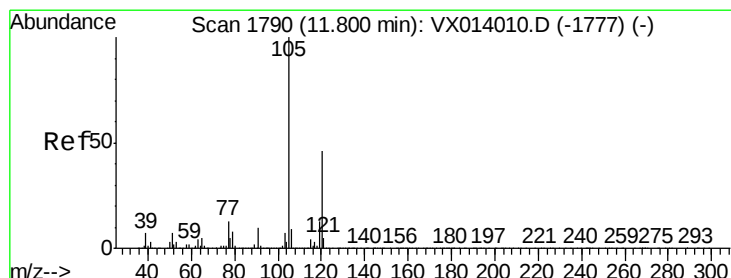
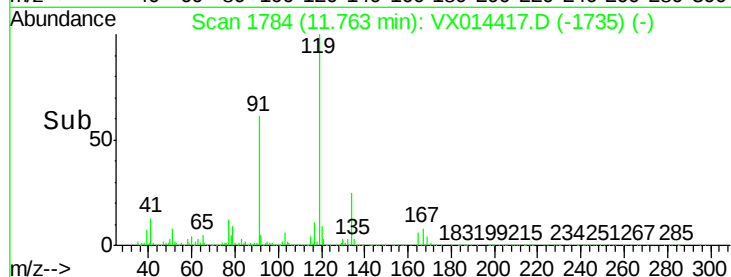
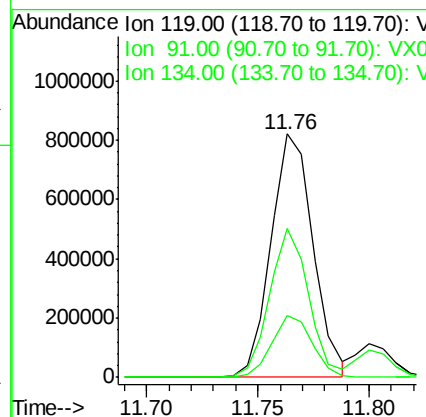
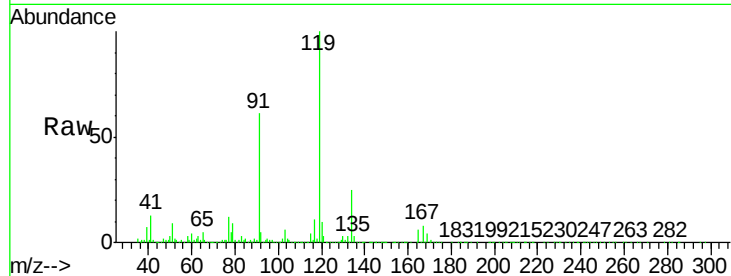
#83
tert-Butylbenzene
Concen: 53.228 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:119 Resp: 1076072
Ion Ratio Lower Upper
119 100
91 56.9 28.5 85.6
134 24.4 12.2 36.6

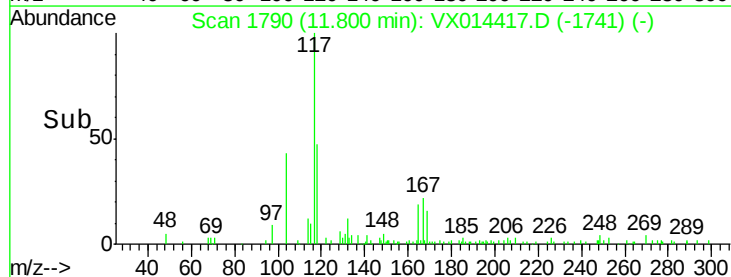
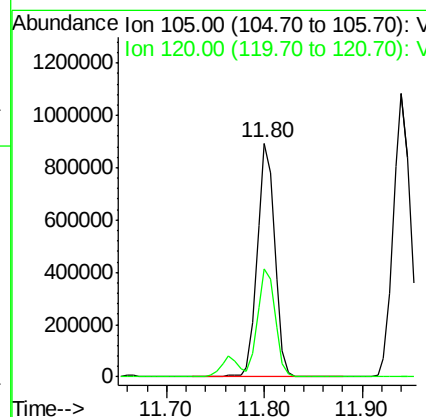
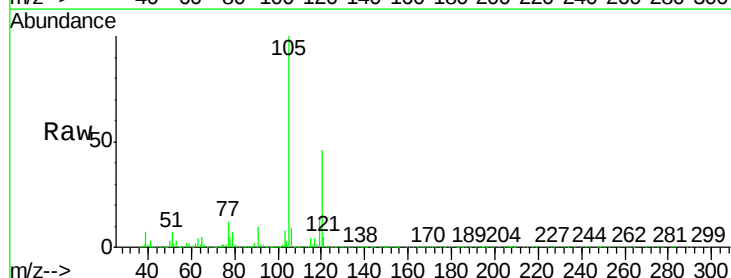
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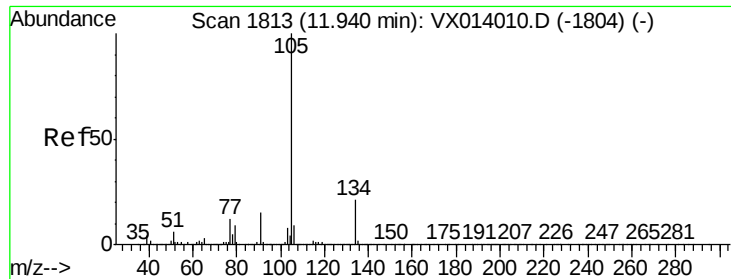
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#84
1,2,4-Trimethylbenzene
Concen: 53.003 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion:105 Resp: 1102654
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





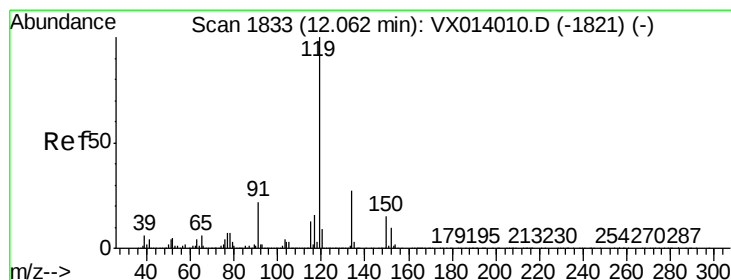
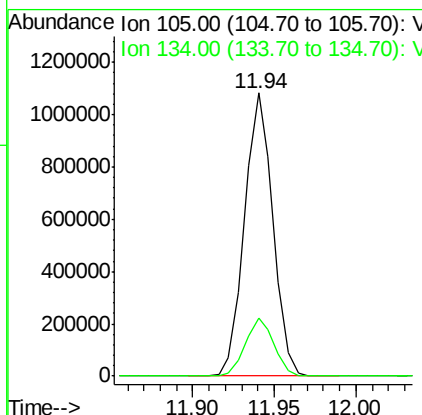
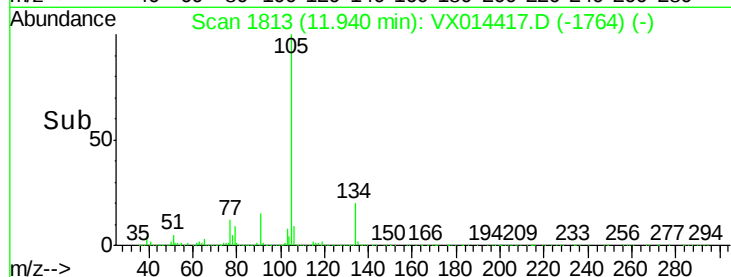
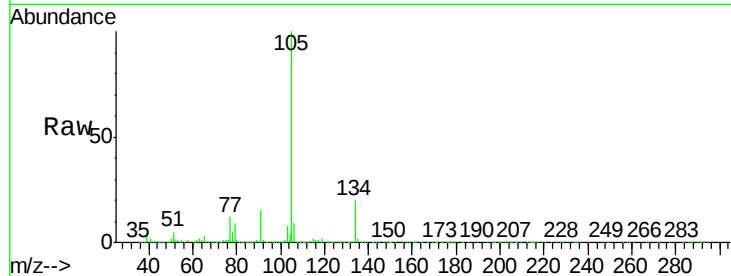
#85
 sec-Butylbenzene
 Concen: 54.994 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1312463
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

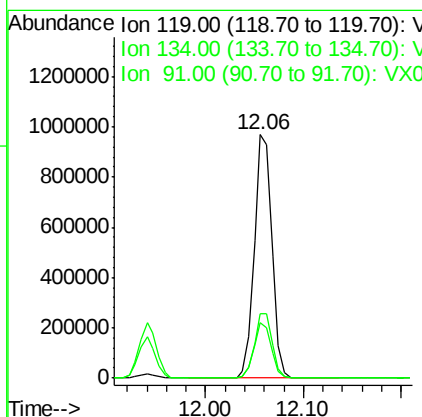
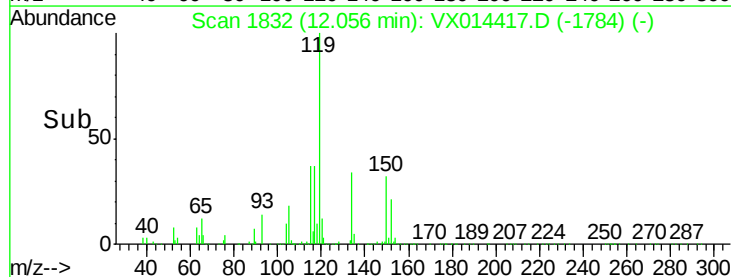
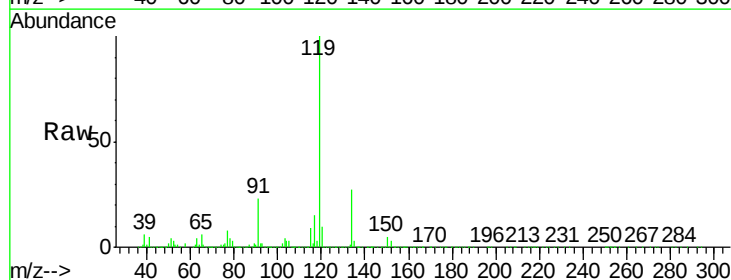
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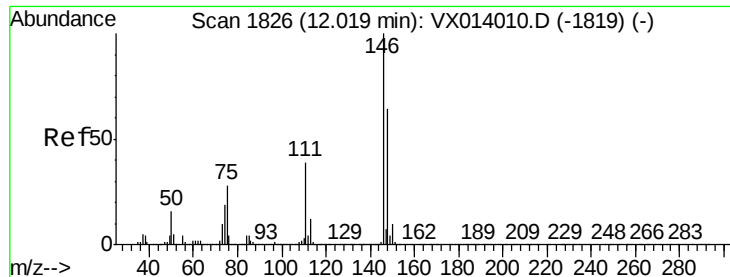
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#86
 p-Isopropyltoluene
 Concen: 55.126 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion:119 Resp: 1203443
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 51.684 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014417.D

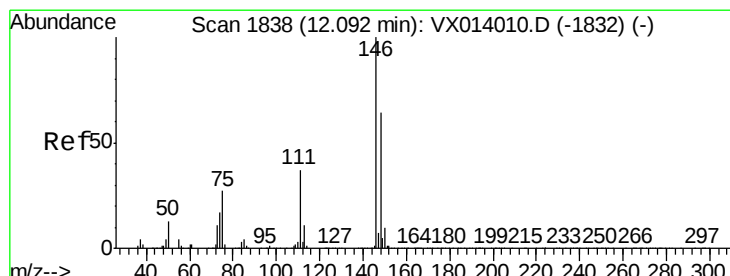
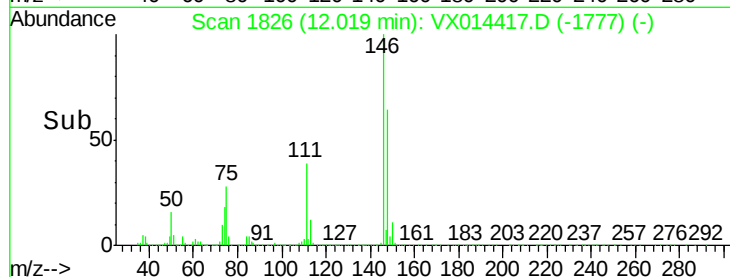
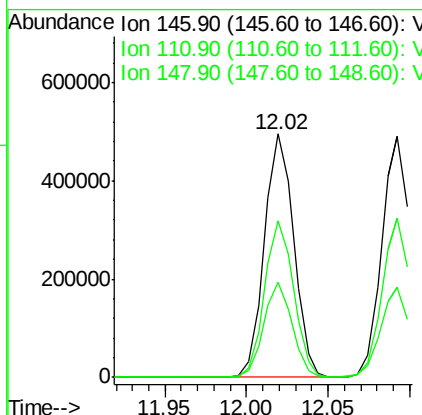
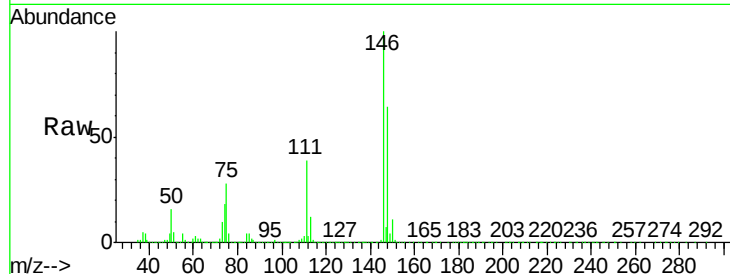
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	37.7	19.1	57.1
148	63.7	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 50.325 ug/l

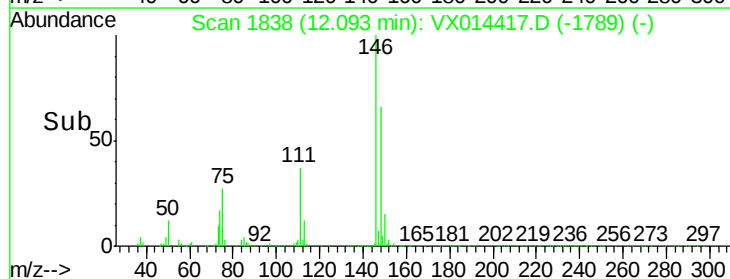
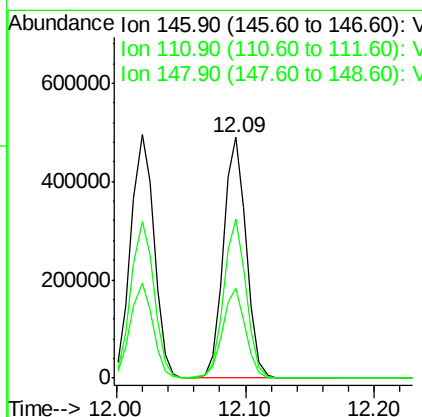
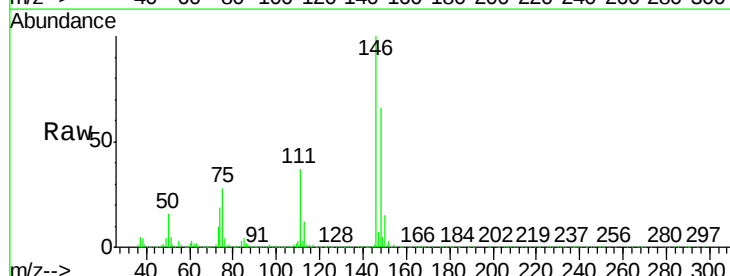
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014417.D

Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	37.5	18.7	56.1
148	65.2	31.9	95.9





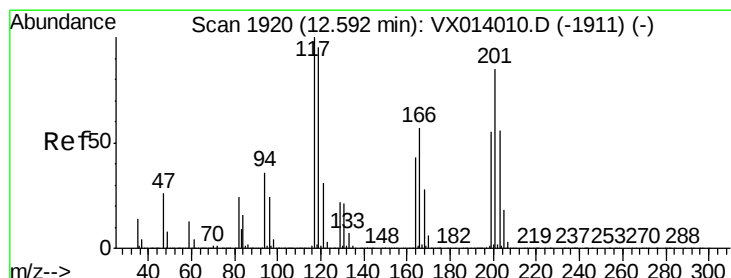
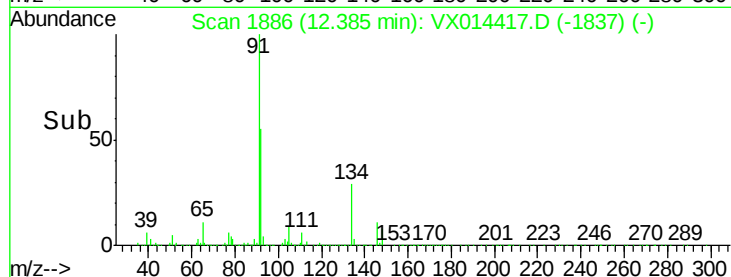
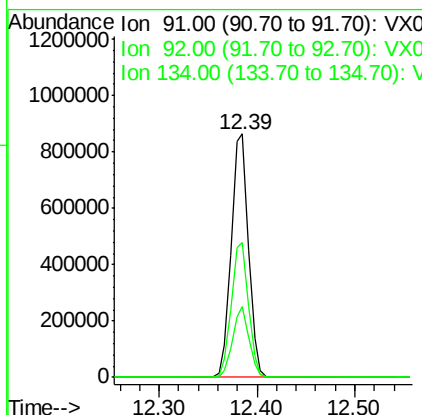
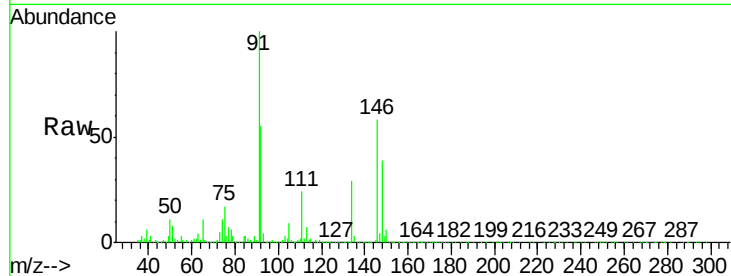
#89
n-Butylbenzene
Concen: 56.650 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.2	81.6
134	27.5	13.4	40.1

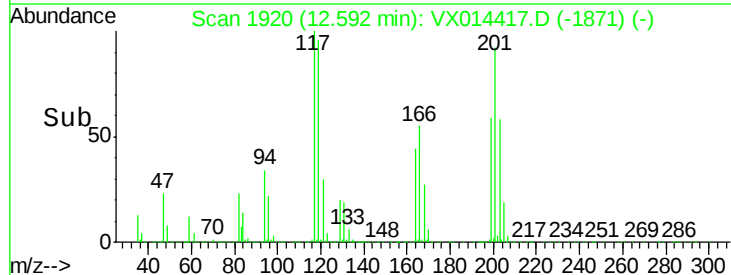
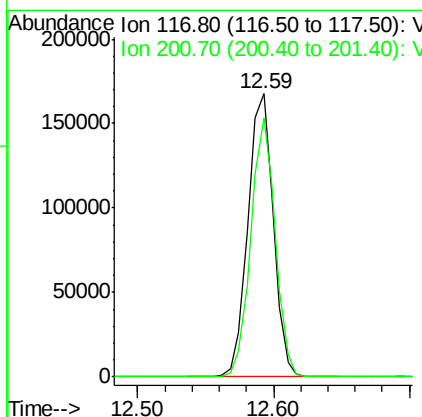
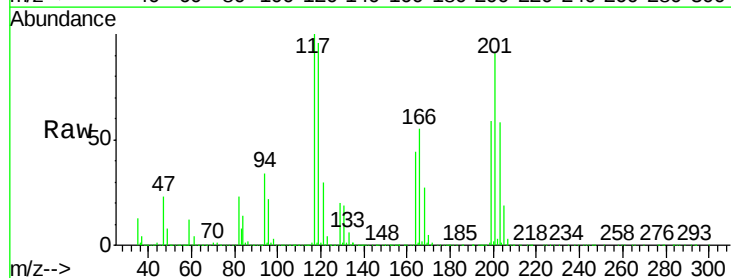
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#90
Hexachloroethane
Concen: 55.874 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	43.1	129.3





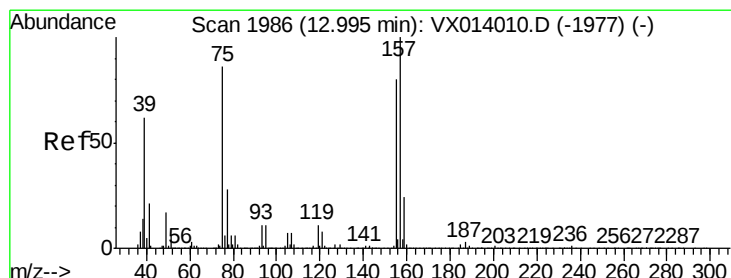
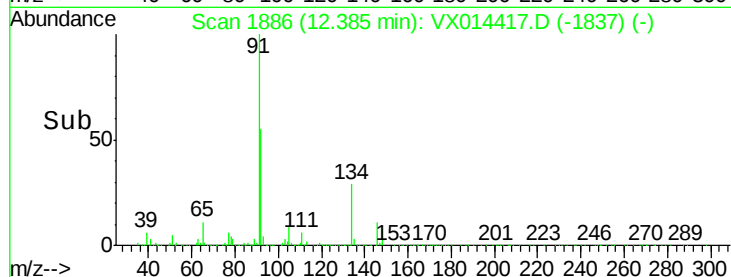
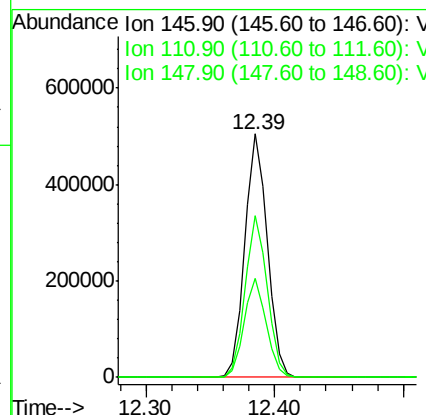
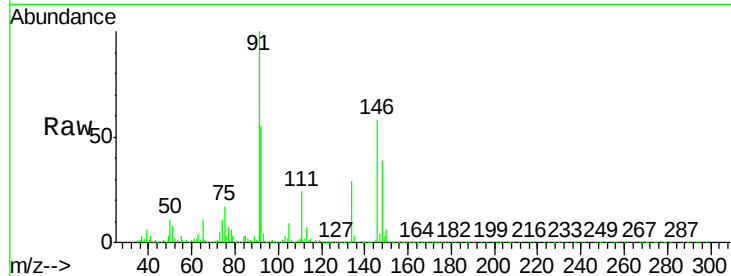
#91
 1,2-Dichlorobenzene
 Concen: 50.781 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	608448		
111	40.1	19.7	59.1	
148	65.3	32.1	96.5	

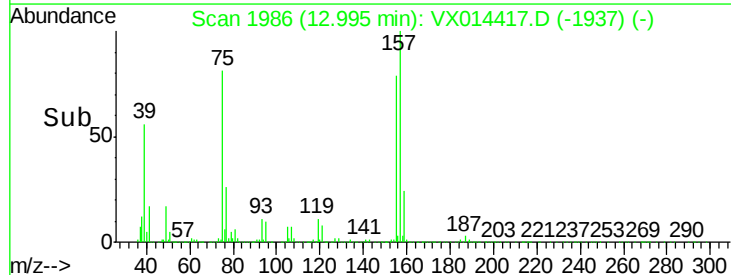
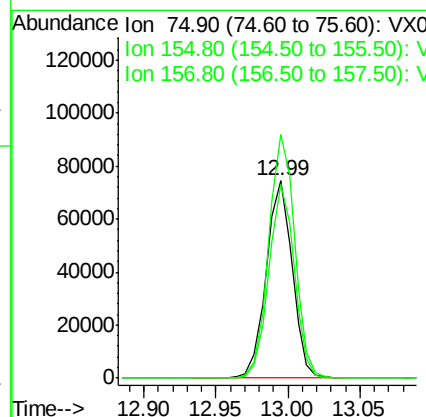
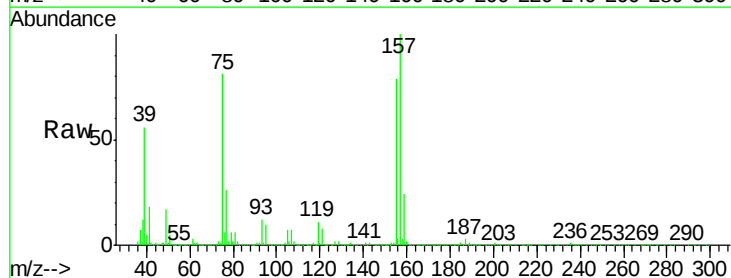
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.619 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92071		
155	96.7	46.9	140.6	
157	124.5	60.8	182.4	





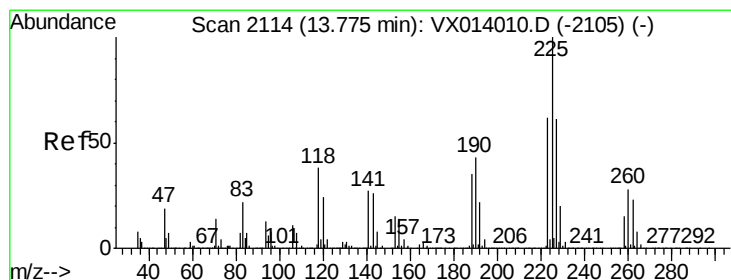
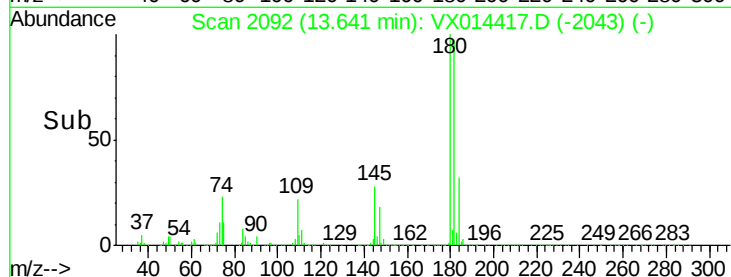
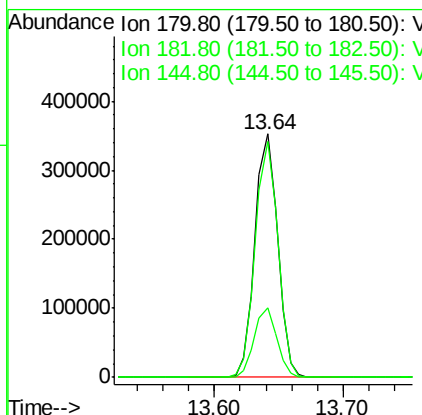
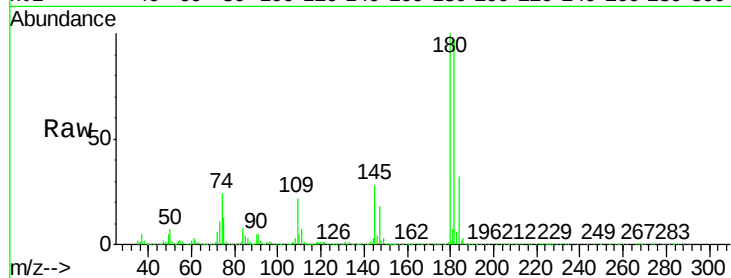
#93
 1,2,4-Trichlorobenzene
 Concen: 54.794 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	426710		
182	97.0	46.6	139.8	
145	28.5	14.2	42.6	

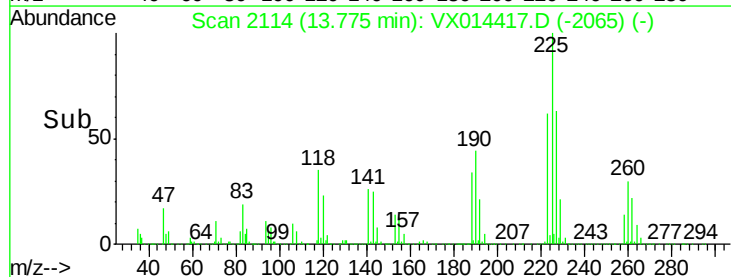
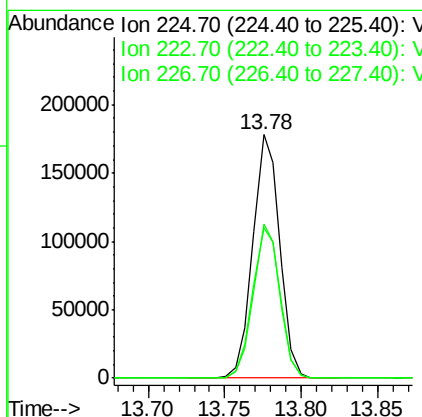
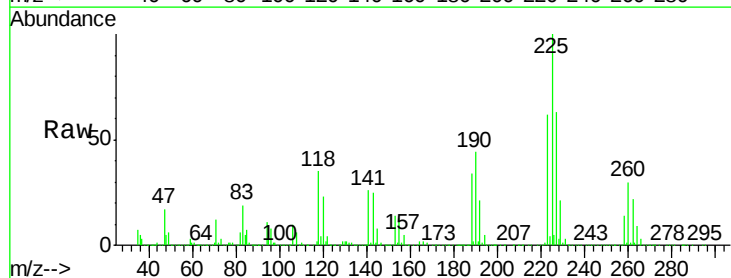
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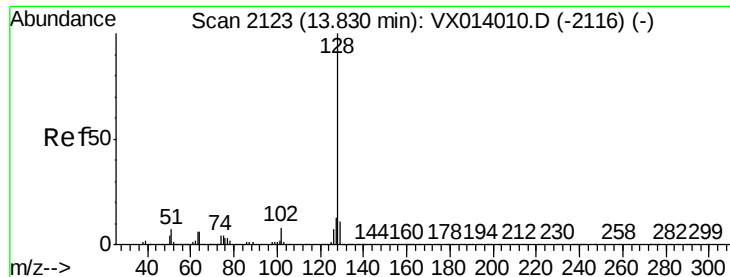
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#94
 Hexachlorobutadiene
 Concen: 58.238 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014417.D
 Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	217969		
223	62.9	30.9	92.5	
227	62.7	30.9	92.7	





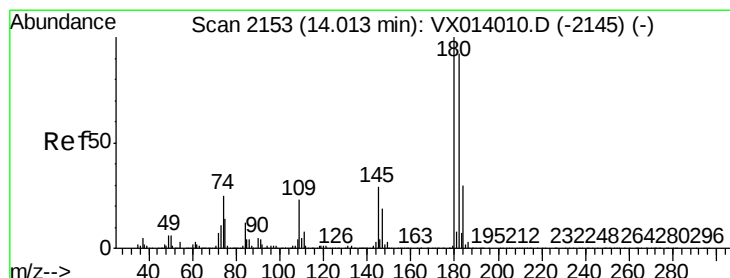
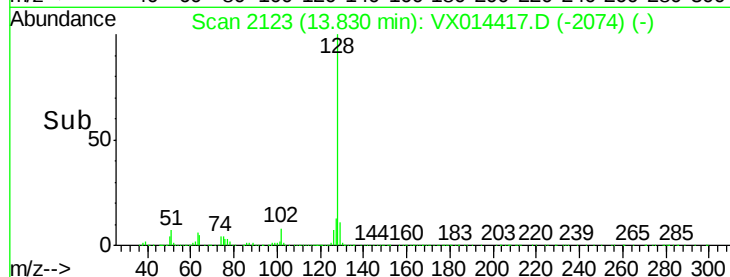
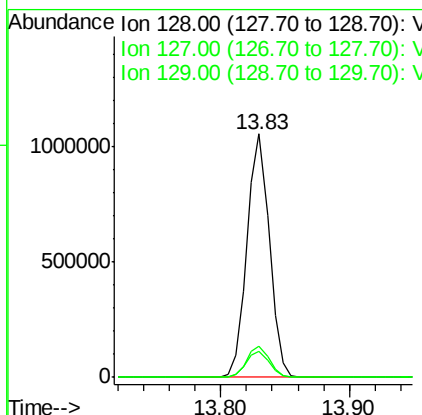
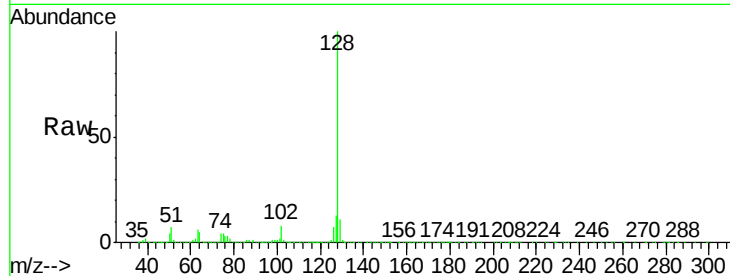
#95
Naphthalene
Concen: 54.979 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
1/7/2020 9:08:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.180 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014417.D
Acq: 06 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.8	140.3
145	30.1	14.8	44.4

