

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014442.D
 Acq On : 06 Jan 2020 20:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 1/7/2020 9:09:32 AM

Quant Time: Jan 07 06:49:21 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	488498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	744784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	665698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	282762	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	5.49	113	237902	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	8.71	98	901996	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	325127	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	164297	37.594	ug/l	98
3) Chloromethane	1.32	50	228155	38.902	ug/l	99
4) Vinyl Chloride	1.40	62	248408	40.140	ug/l	99
5) Bromomethane	1.63	94	200096	45.556	ug/l	98
6) Chloroethane	1.72	64	168413	44.093	ug/l	91
7) Trichlorofluoromethane	1.92	101	352401	46.000	ug/l	100
8) Diethyl Ether	2.18	74	163696	45.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210520	45.587	ug/l	98
10) Methyl Iodide	2.50	142	310733	50.970	ug/l	98
11) Tert butyl alcohol	3.03	59	306711	256.383	ug/l	99
12) 1,1-Dichloroethene	2.37	96	207486	44.155	ug/l	98
13) Acrolein	2.28	56	163233	238.366	ug/l	99
14) Allyl chloride	2.72	41	382821	45.628	ug/l	99
15) Acrylonitrile	3.13	53	696813	249.553	ug/l	99
16) Acetone	2.43	43	643047	178.905	ug/l	100
17) Carbon Disulfide	2.56	76	464017	35.786	ug/l	100
18) Methyl Acetate	2.76	43	377002	52.932	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	785504	50.871	ug/l	98
20) Methylene Chloride	2.85	84	246694	43.585	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	221881	42.860	ug/l	99
22) Diisopropyl ether	3.84	45	808716	48.371	ug/l	96
23) Vinyl Acetate	3.80	43	2677144	196.217	ug/l	100
24) 1,1-Dichloroethane	3.69	63	431787	46.419	ug/l	99
25) 2-Butanone	4.65	43	989680	223.333	ug/l	99
26) 2,2-Dichloropropane	4.58	77	337388	46.716	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	277411	47.382	ug/l	99
28) Bromochloromethane	5.00	49	180885	50.559	ug/l	97
29) Tetrahydrofuran	5.11	42	623239	251.448	ug/l	99
30) Chloroform	5.20	83	435094	49.342	ug/l	97
31) Cyclohexane	5.58	56	361651	43.714	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	363916	48.423	ug/l	98
36) 1,1-Dichloropropene	5.79	75	300339	43.949	ug/l	99
37) Ethyl Acetate	4.82	43	379746	50.321	ug/l	99
38) Carbon Tetrachloride	5.78	117	302381	48.571	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	365530	43.319	ug/l	99
40) Benzene	6.14	78	967002	45.989	ug/l	99
41) Methacrylonitrile	5.03	41	212218	50.683	ug/l	99
42) 1,2-Dichloroethane	6.18	62	342393	48.038	ug/l	99
43) Isopropyl Acetate	6.43	43	634915	50.838	ug/l	100
44) Trichloroethene	7.21	130	284894	49.054	ug/l	98
45) 1,2-Dichloropropane	7.51	63	257242	47.731	ug/l	98
46) Dibromomethane	7.65	93	165444	46.432	ug/l	97
47) Bromodichloromethane	7.89	83	334002	49.771	ug/l	99
48) Methyl methacrylate	7.76	41	305573	49.967	ug/l	99
49) 1,4-Dioxane	7.73	88	114864	922.954	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1953312	249.041	ug/l	100
52) Toluene	8.78	92	613268	46.144	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	378995	51.505	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	413796	50.477	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	264716	49.696	ug/l	97
56) Ethyl methacrylate	9.17	69	425783	50.887	ug/l	99
57) 1,3-Dichloropropane	9.37	76	435211	48.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	835186	263.758	ug/l	97
59) 2-Hexanone	9.48	43	1503805	238.174	ug/l	100
60) Dibromochloromethane	9.57	129	279678	52.822	ug/l	100
61) 1,2-Dibromoethane	9.67	107	271073	49.738	ug/l	100
64) Tetrachloroethene	9.33	164	389764	66.167	ug/l	96
65) Chlorobenzene	10.14	112	675994	47.759	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	255470	50.549	ug/l	98
67) Ethyl Benzene	10.25	91	1185767	48.727	ug/l	100
68) m/p-Xylenes	10.35	106	895235	95.650	ug/l	100
69) o-Xylene	10.70	106	442823	48.241	ug/l	99
70) Styrene	10.71	104	755999	48.705	ug/l	99
71) Bromoform	10.85	173	218173	53.704	ug/l	100
73) Isopropylbenzene	11.01	105	1173497	48.776	ug/l	99
74) N-amyl acetate	10.89	43	554674	49.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	369809	44.336	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	334583m	45.101	ug/l	
77) Bromobenzene	11.25	156	313200	47.315	ug/l	97
78) n-propylbenzene	11.35	91	1312327	48.629	ug/l	99
79) 2-Chlorotoluene	11.42	91	784582	47.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	982036	48.500	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138248	52.599	ug/l	98
82) 4-Chlorotoluene	11.51	91	894897	47.029	ug/l	99
83) tert-Butylbenzene	11.76	119	859326	43.610	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	987062	48.678	ug/l	100
85) sec-Butylbenzene	11.94	105	1140230	49.017	ug/l	100
86) p-Isopropyltoluene	12.06	119	1043950	49.061	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	541988	46.717	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	542622	45.999	ug/l	100
89) n-Butylbenzene	12.38	91	900053	49.572	ug/l	99
90) Hexachloroethane	12.59	117	187944	49.174	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	555499	47.565	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88119	47.740	ug/l	95

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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	382139	50.343	ug/l	98
94) Hexachlorobutadiene	13.78	225	178983	49.063	ug/l	98
95) Naphthalene	13.83	128	1210502	54.278	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	389458	51.976	ug/l	99

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

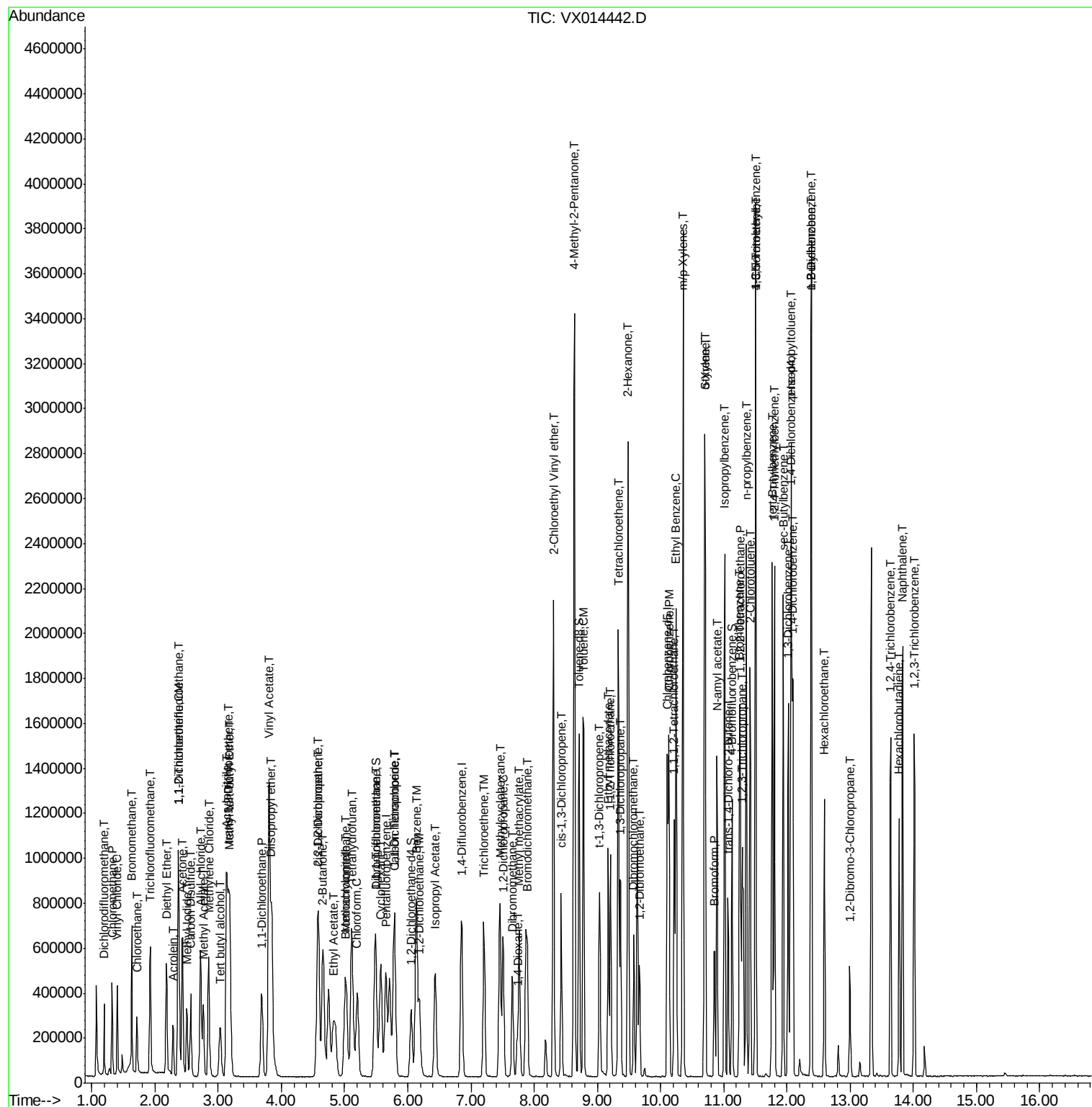
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 Data File : VX014442.D
 Acq On : 06 Jan 2020 20:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
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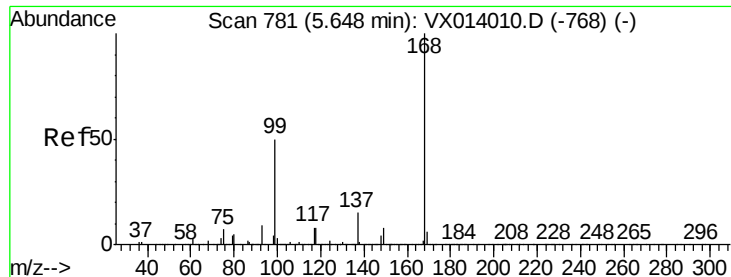
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

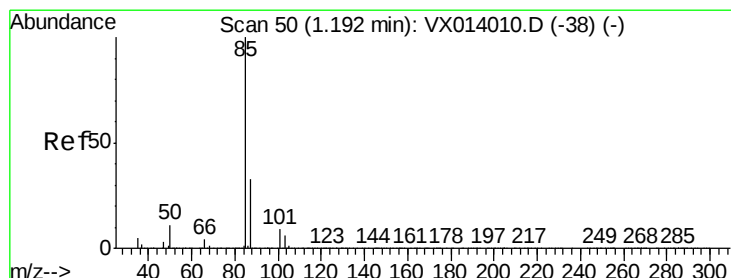
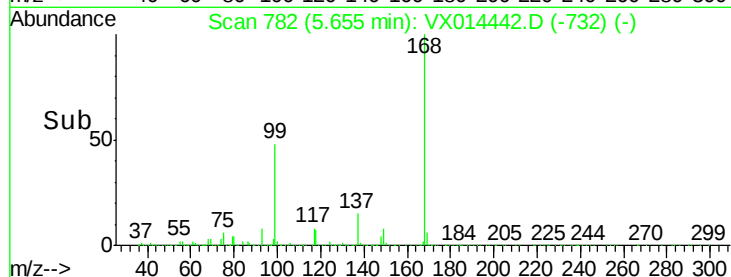
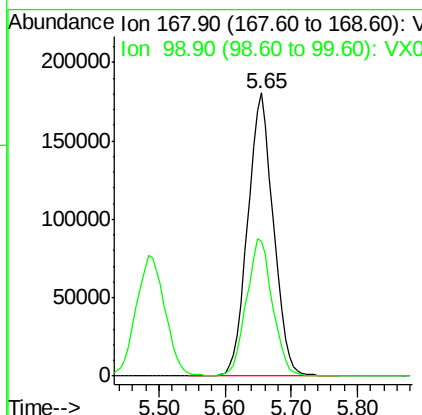
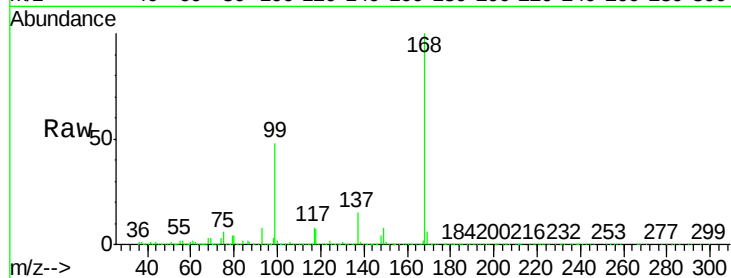
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
168	100		
99	47.4	40.3	60.5

Manual Integrations
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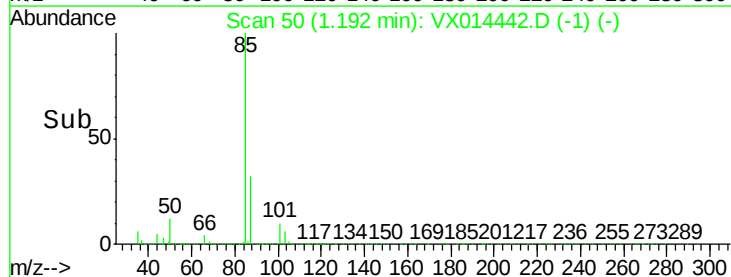
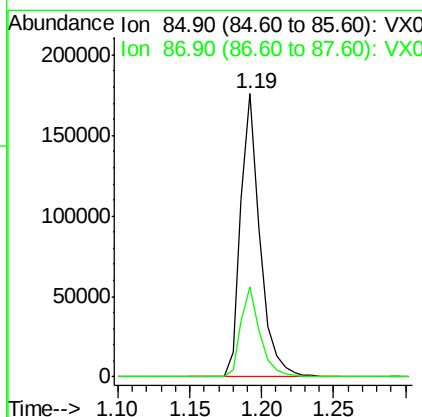
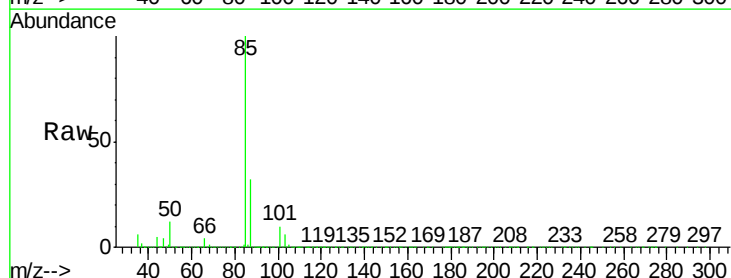
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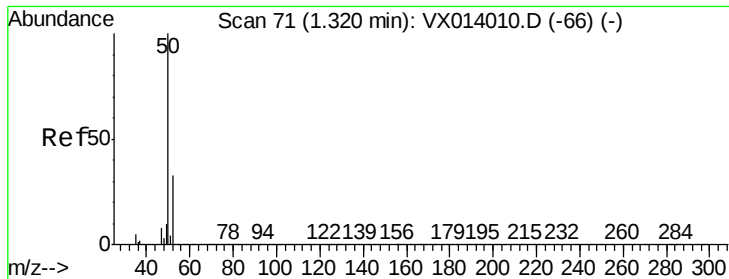


#2

Dichlorodifluoromethane
 Concen: 37.594 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.4	49.2





#3

Chloromethane

Concen: 38.902 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 228155

Ion Ratio Lower Upper

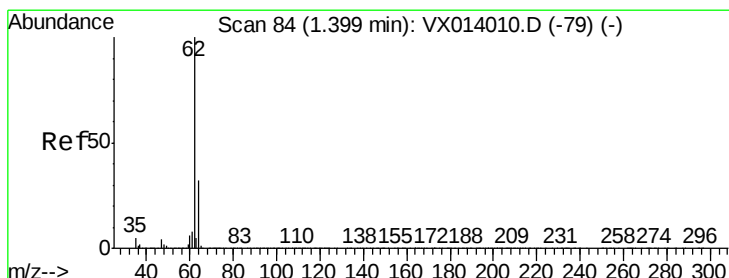
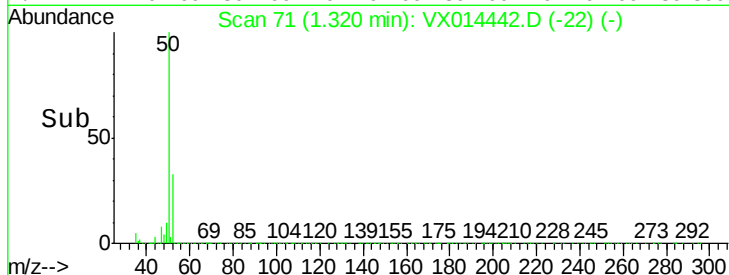
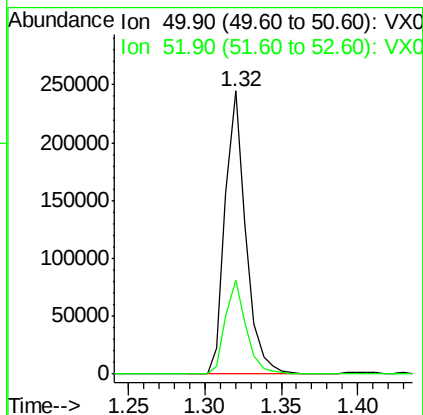
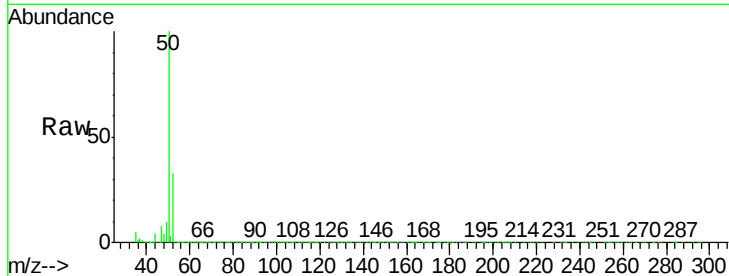
50 100

52 33.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 40.140 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014442.D

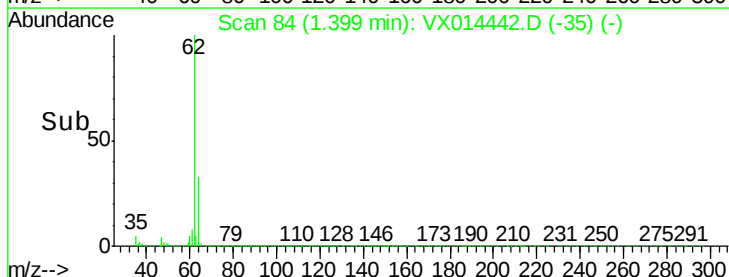
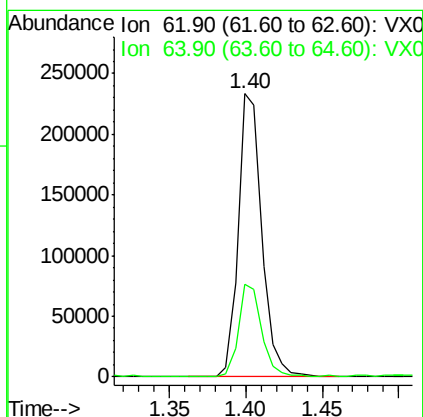
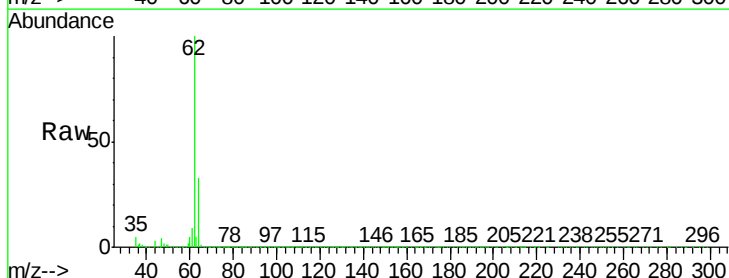
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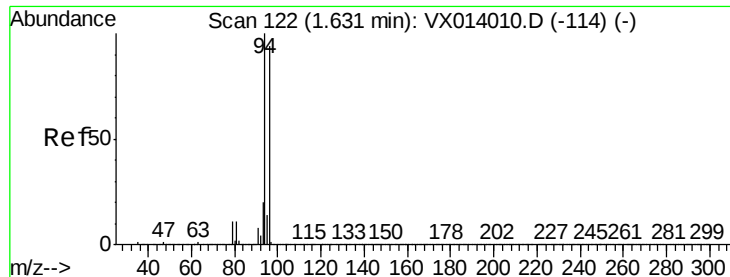
Tgt Ion: 62 Resp: 248408

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 45.556 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 200096

Ion Ratio Lower Upper

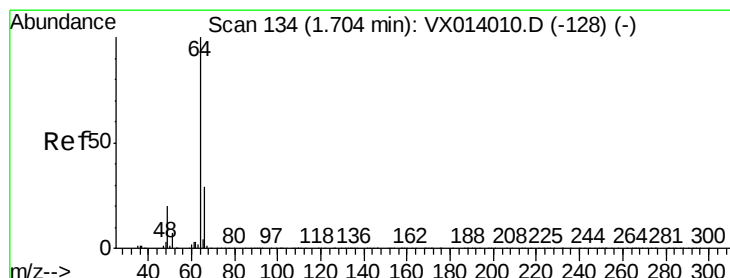
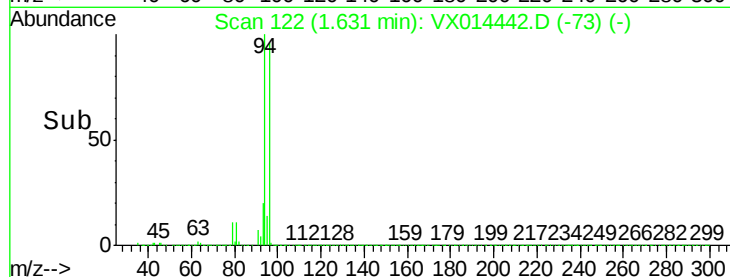
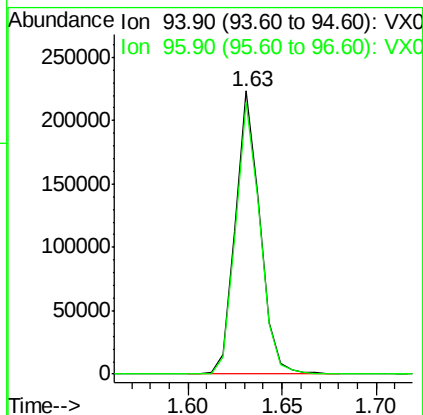
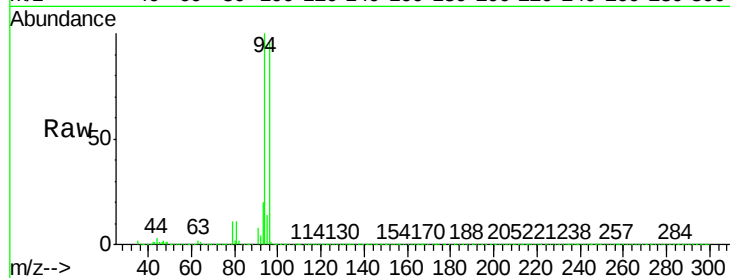
94 100

96 96.2 75.2 112.8

Manual Integrations
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#6

Chloroethane

Concen: 44.093 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014442.D

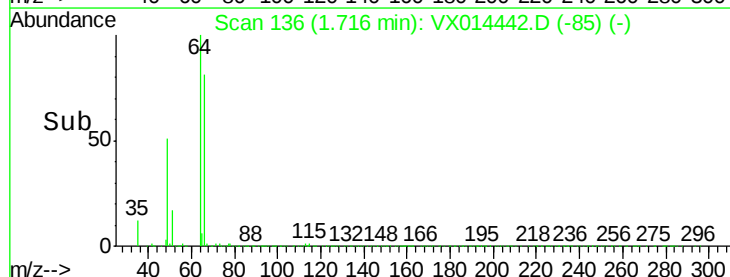
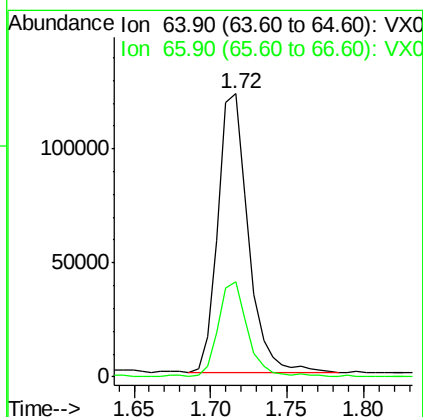
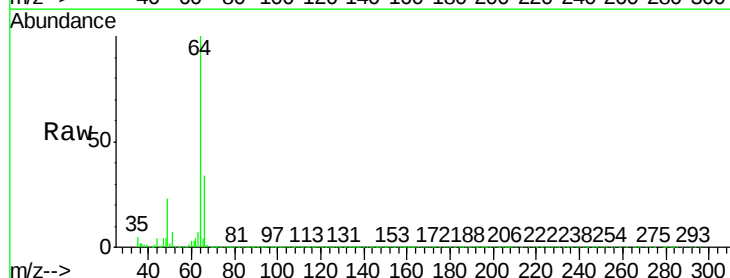
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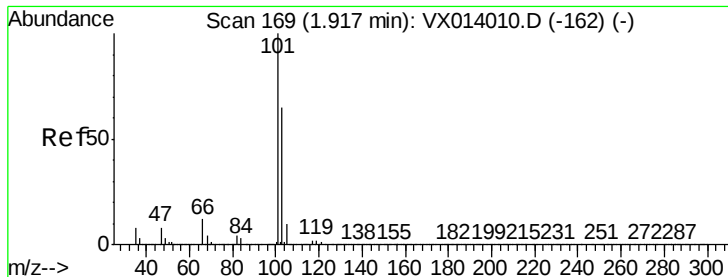
Tgt Ion: 64 Resp: 168413

Ion Ratio Lower Upper

64 100

66 34.0 23.4 35.2





#7

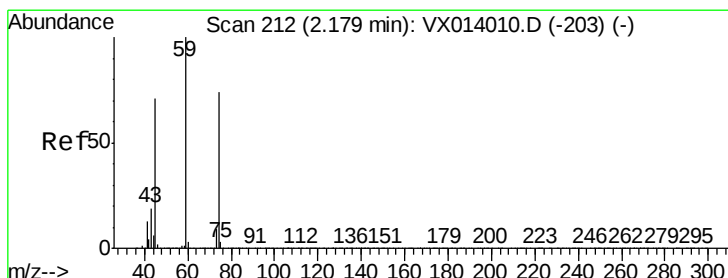
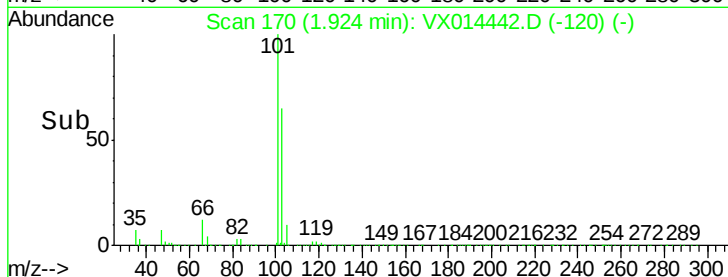
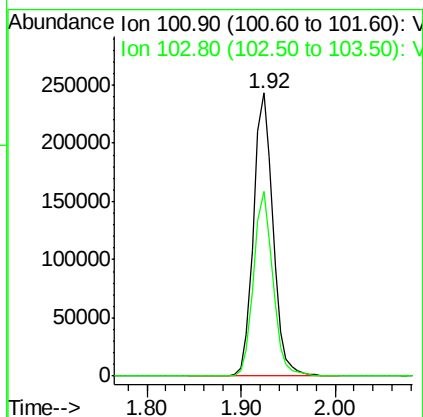
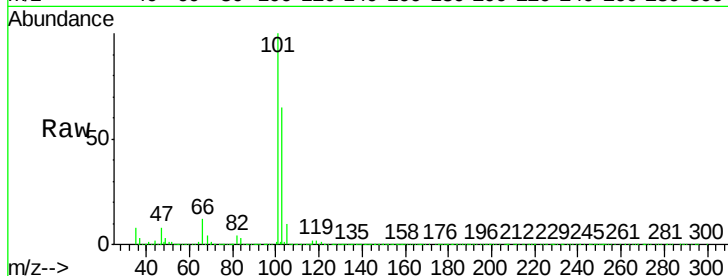
Trichlorofluoromethane
Concen: 46.000 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.4

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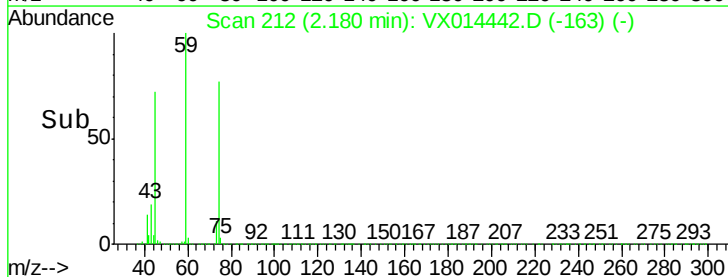
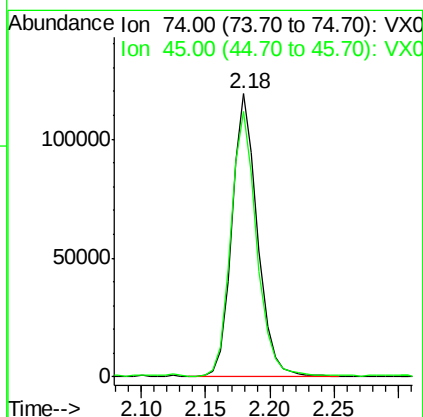
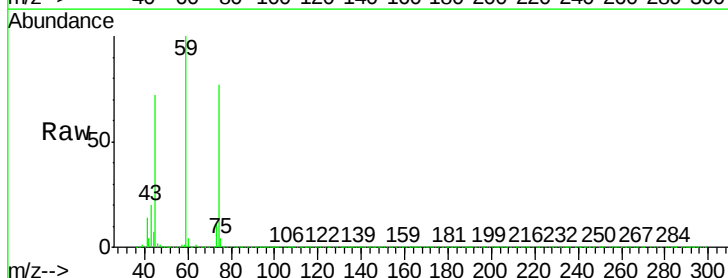
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#8

Diethyl Ether
Concen: 45.529 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.587 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014442.D

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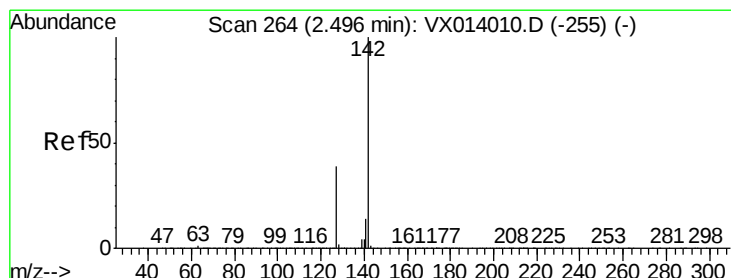
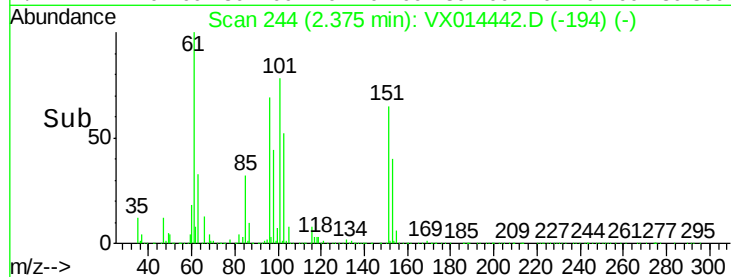
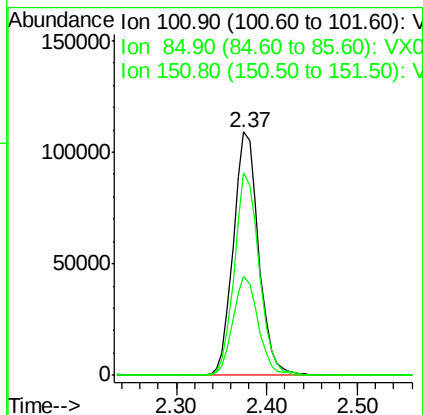
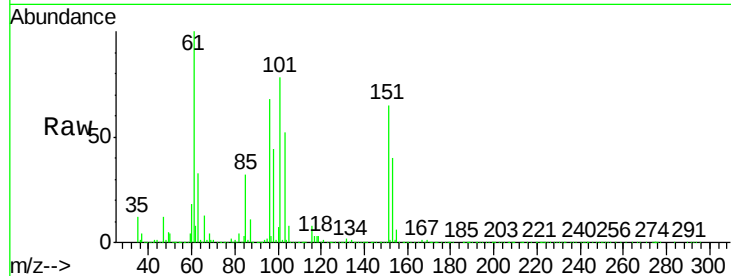
ClientSampled :

VSTDCCC050EC

Tgt Ion:	101	Resp:	210520
Ion Ratio	Lower	Upper	
101	100		
85	40.9	33.7	50.5
151	82.5	64.5	96.7

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#10

Methyl Iodide

Concen: 50.970 ug/l

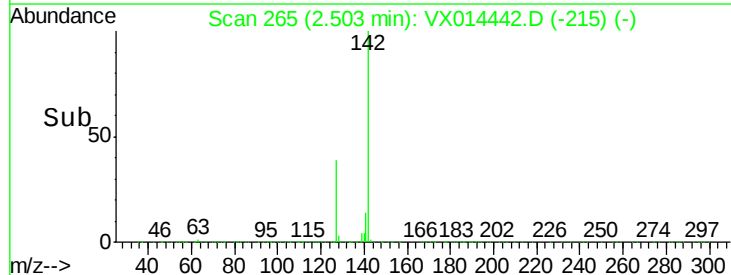
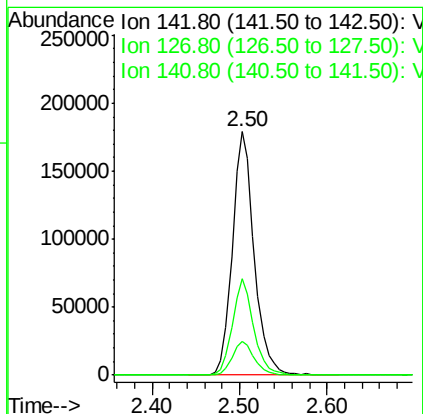
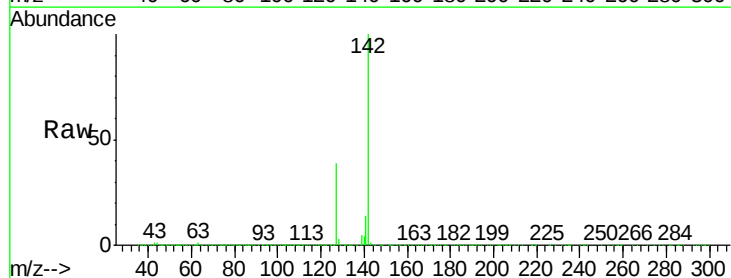
RT: 2.50 min Scan# 265

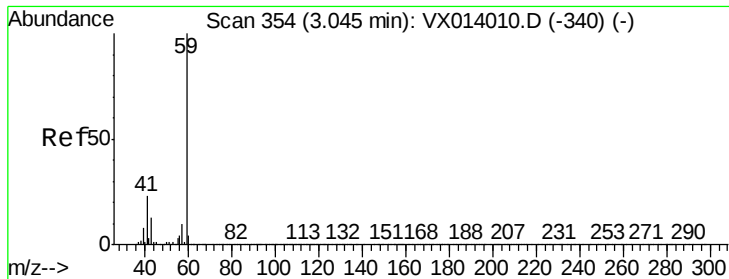
Delta R.T. 0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	142	Resp:	310733
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.6	47.4
141	14.1	11.6	17.4





#11

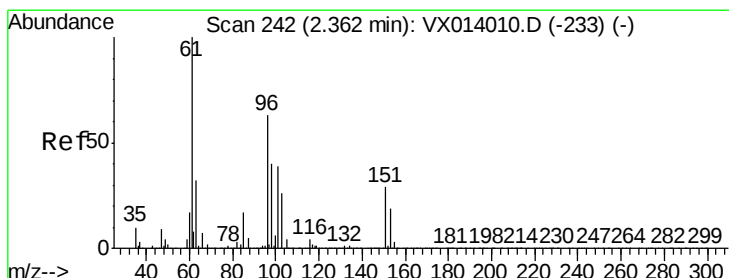
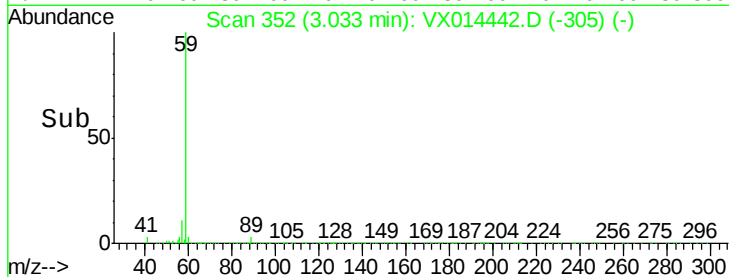
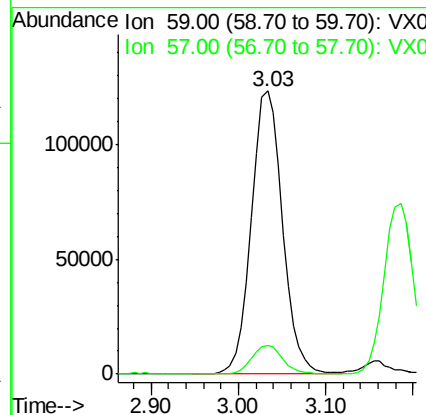
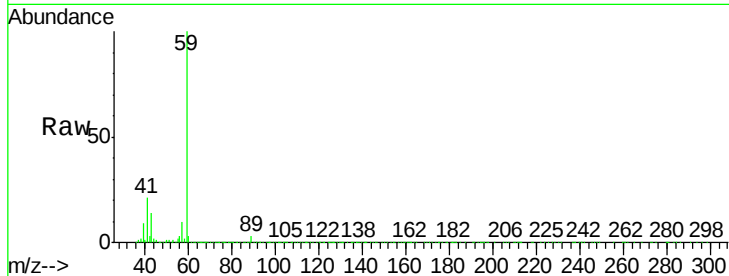
Tert butyl alcohol
Concen: 256.383 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

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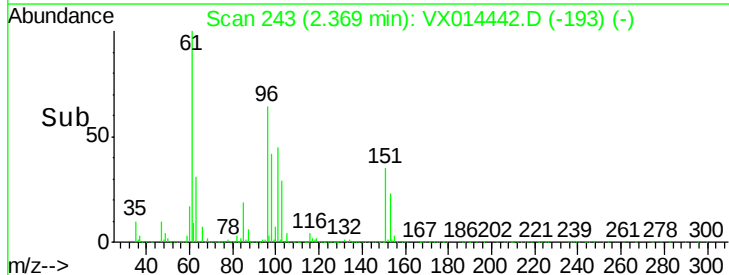
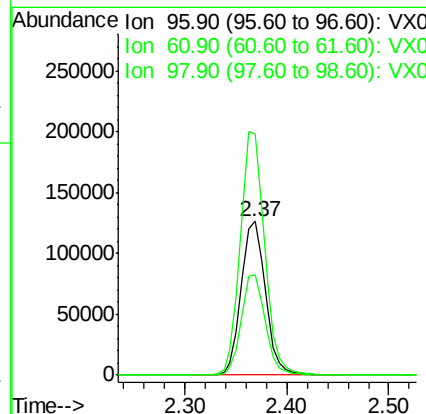
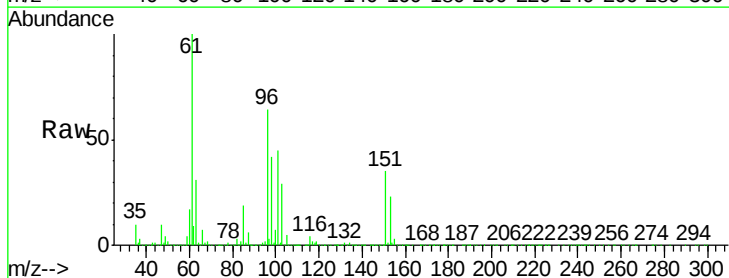
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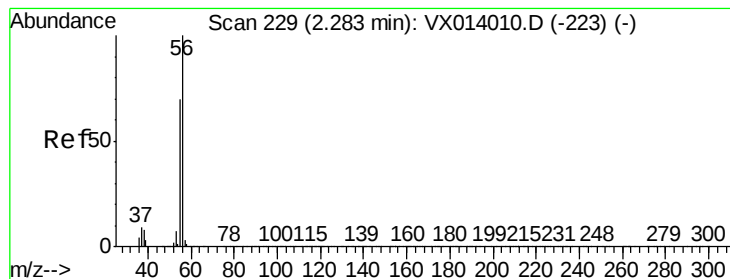


#12

1,1-Dichloroethene
Concen: 44.155 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	127.9	191.9
98	65.6	50.5	75.7





#13

Acrolein

Concen: 238.366 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 163233

Ion Ratio Lower Upper

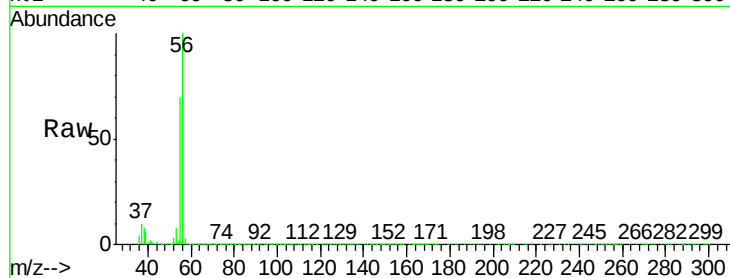
56 100

55 69.9 56.9 85.3

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

120000

100000

80000

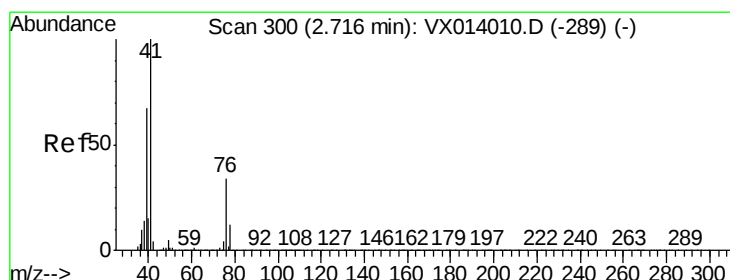
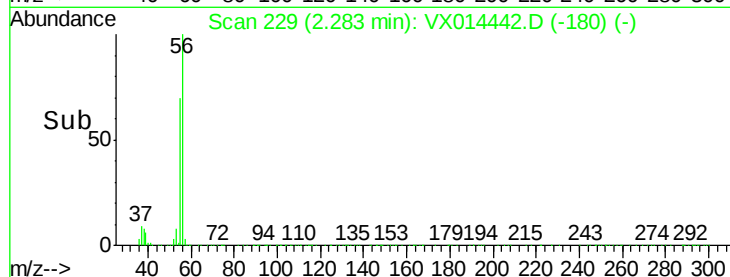
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 45.628 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

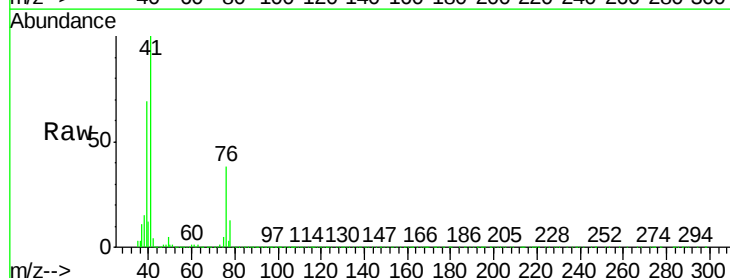
Tgt Ion: 41 Resp: 382821

Ion Ratio Lower Upper

41 100

39 65.0 51.8 77.8

76 33.5 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

250000

200000

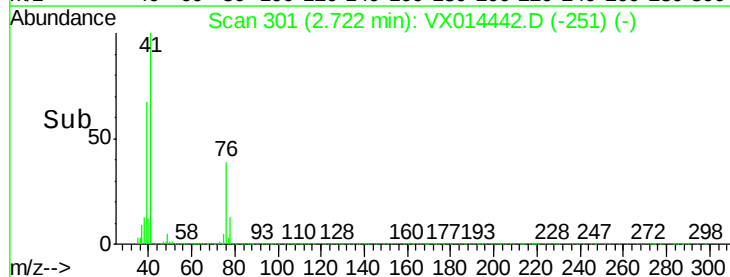
150000

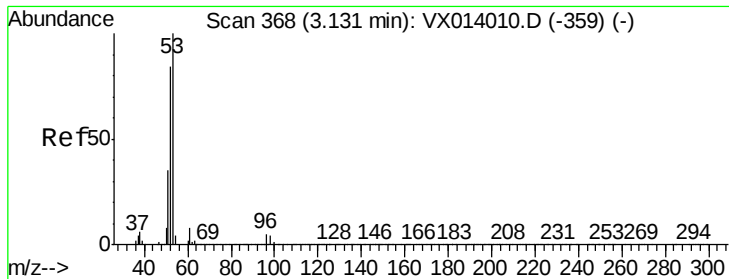
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 249.553 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

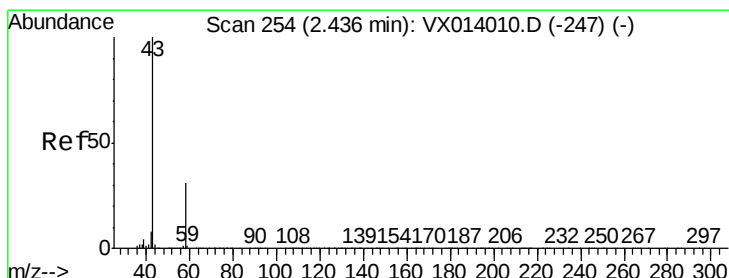
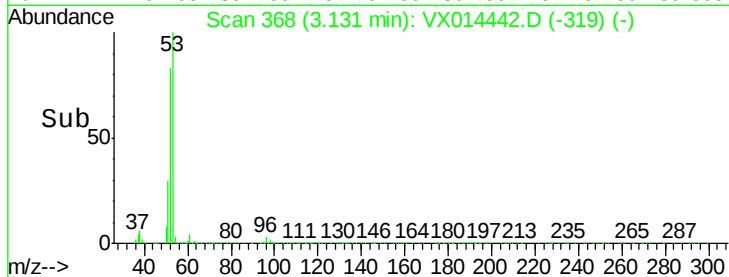
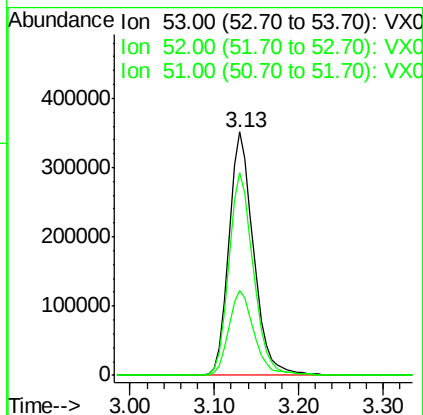
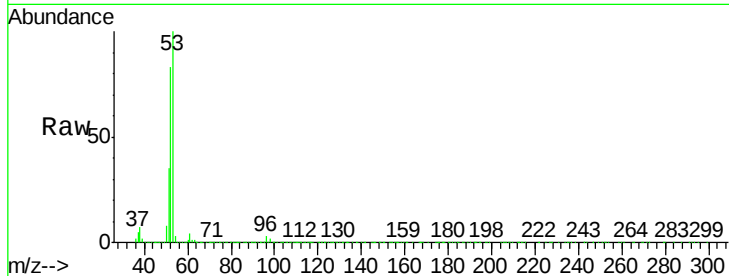
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	696813
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.5	99.7
51	36.0	28.1	42.1

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#16

Acetone

Concen: 178.905 ug/l

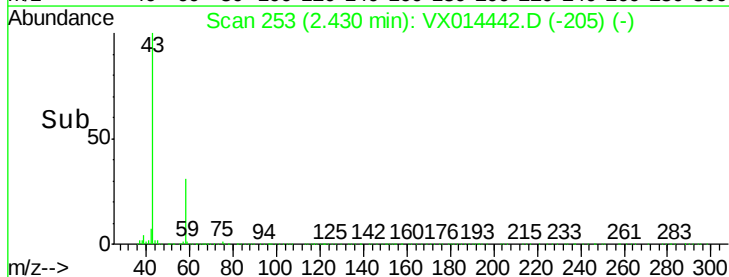
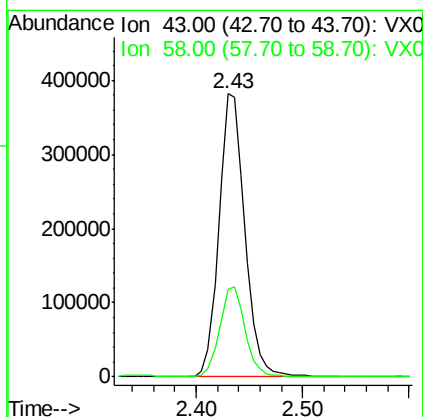
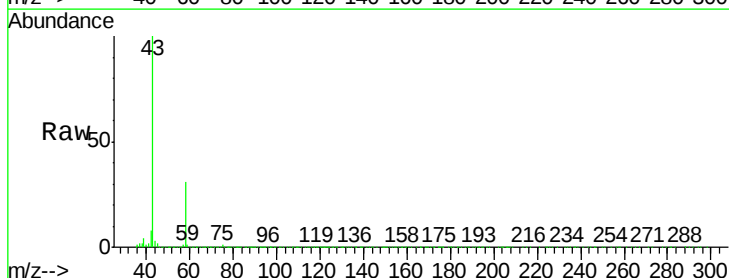
RT: 2.43 min Scan# 253

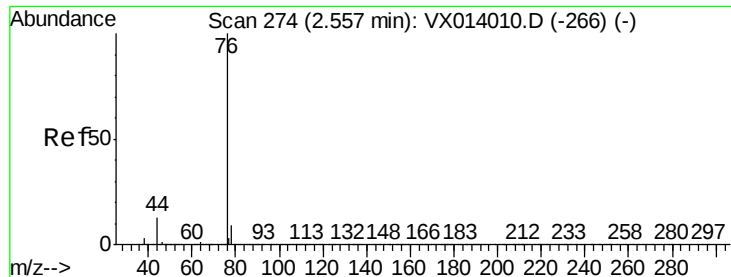
Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	43	Resp:	643047
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.9	37.3





#17

Carbon Disulfide

Concen: 35.786 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 464017

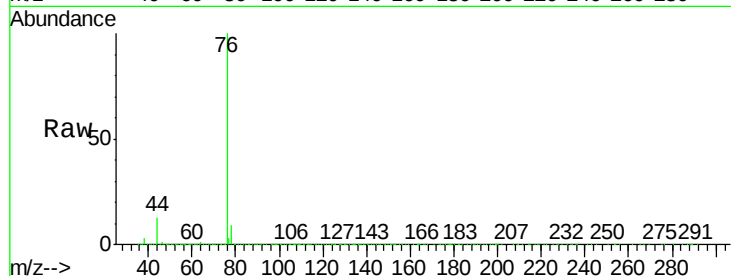
Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

300000

250000

200000

150000

100000

50000

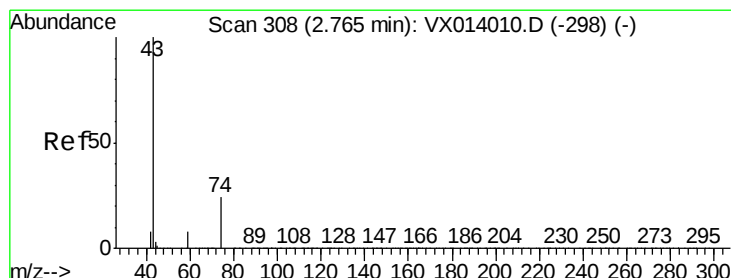
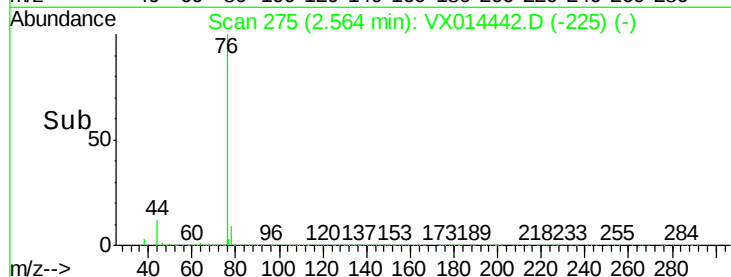
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 52.932 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014442.D

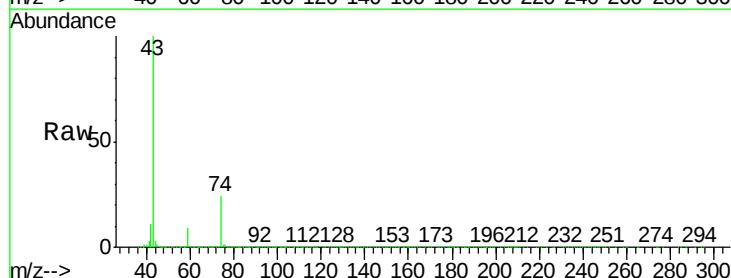
Acq: 06 Jan 2020 20:58

Tgt Ion: 43 Resp: 377002

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

200000

150000

100000

50000

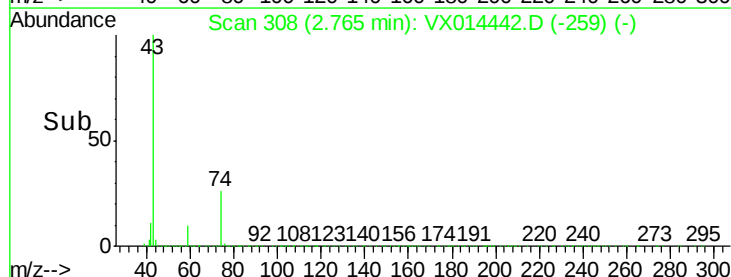
0

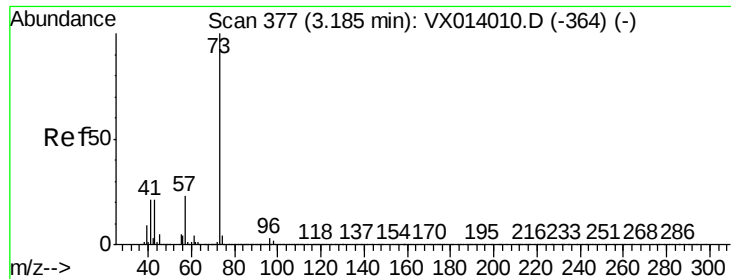
2.70

2.80

2.90

Time-->





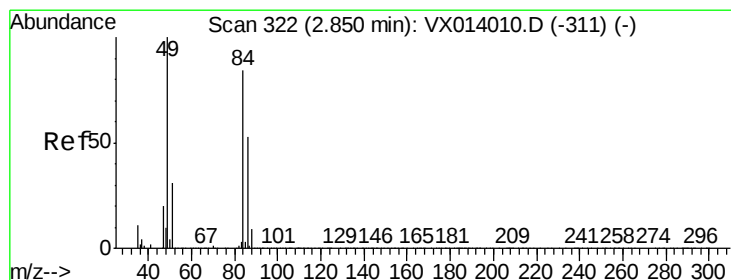
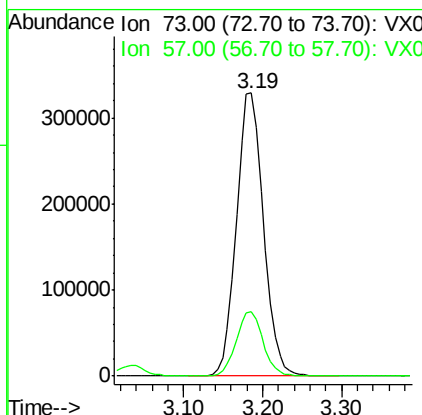
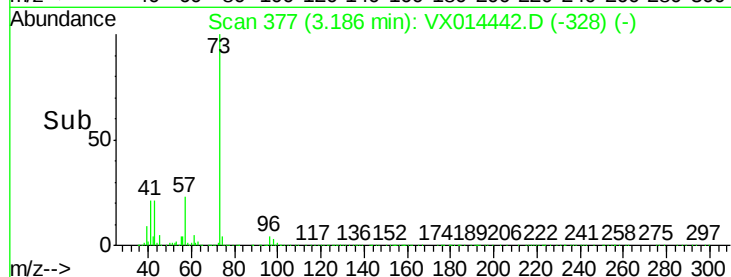
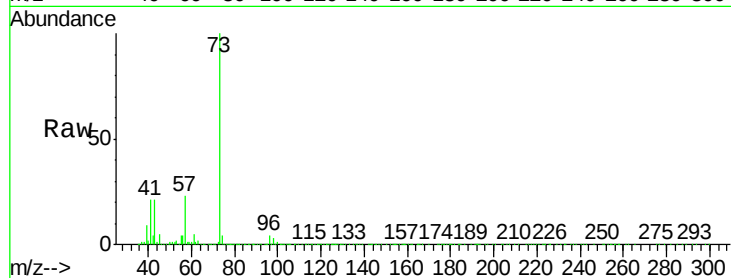
#19
Methyl tert-butyl Ether
Concen: 50.871 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

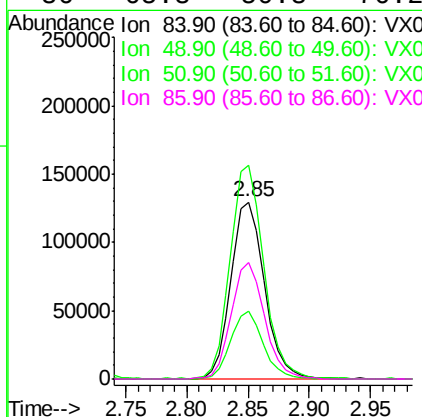
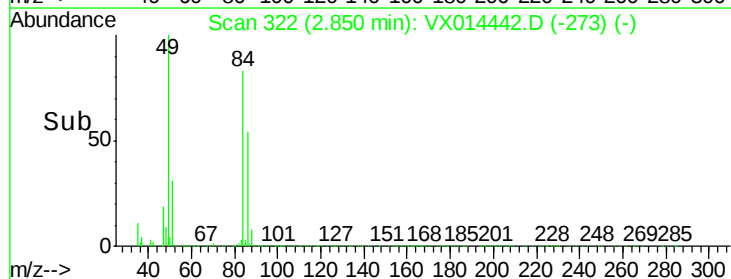
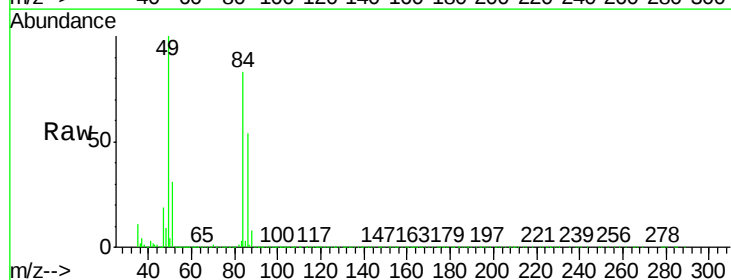
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#20
Methylene Chloride
Concen: 43.585 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	95.8	143.6
51	37.9	29.8	44.8
86	65.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 42.860 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

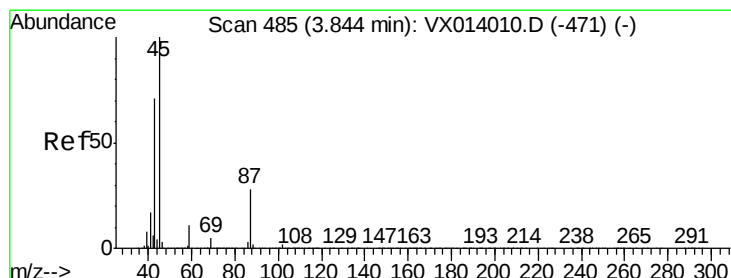
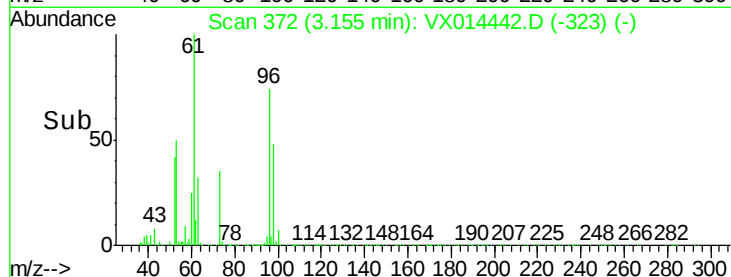
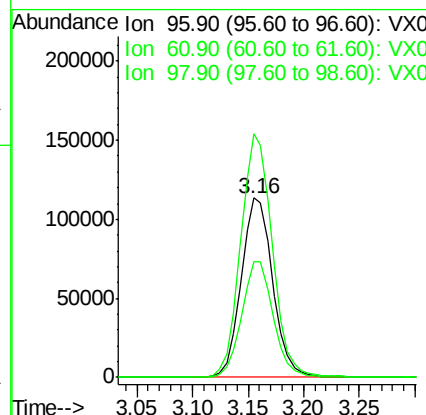
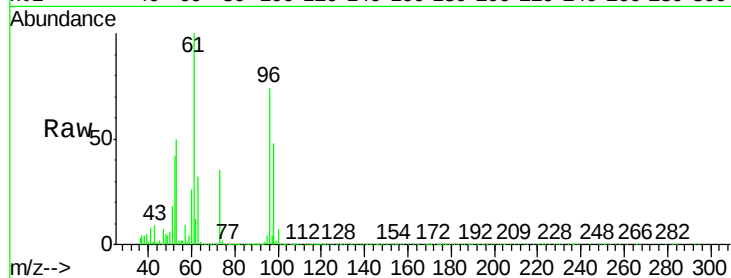
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	221881
Ion	Ratio	Lower	Upper
96	100		
61	135.8	108.3	162.5
98	64.6	50.8	76.2

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#22

Diisopropyl ether

Concen: 48.371 ug/l

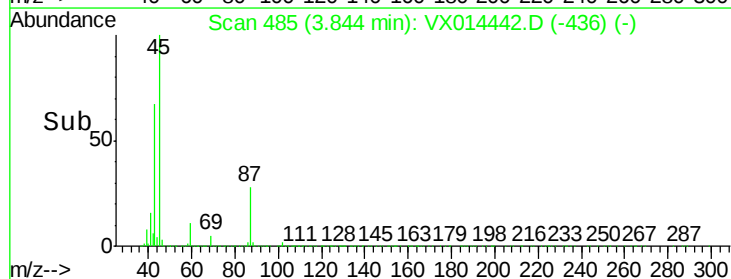
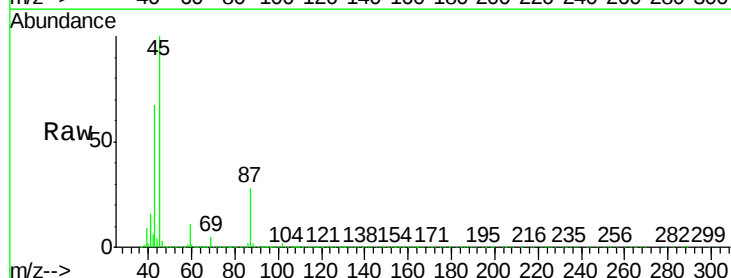
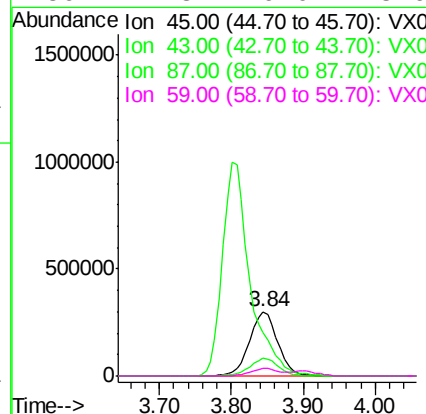
RT: 3.84 min Scan# 485

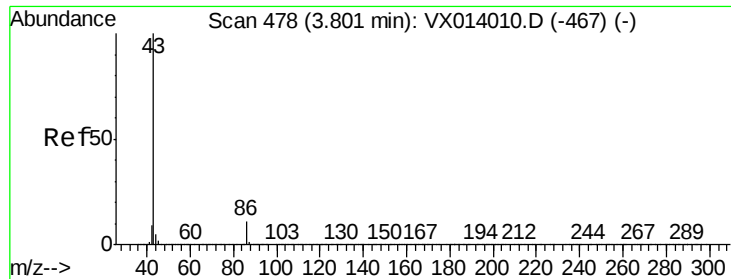
Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	45	Resp:	808716
Ion	Ratio	Lower	Upper
45	100		
43	66.8	57.4	86.0
87	27.7	21.9	32.9
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 196.217 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2677144

Ion Ratio Lower Upper

43 100

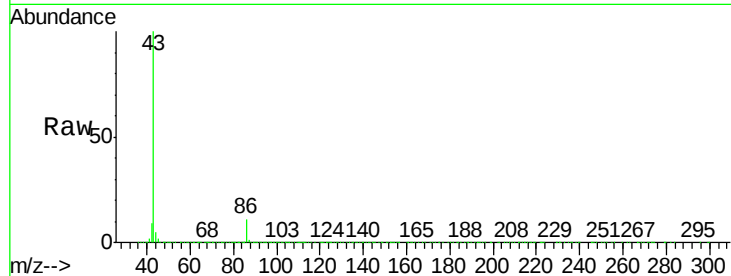
86 10.7 8.6 12.8

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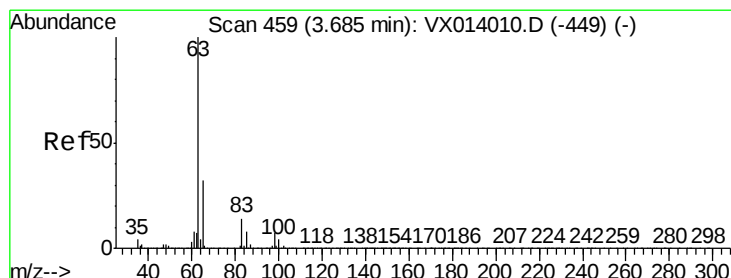
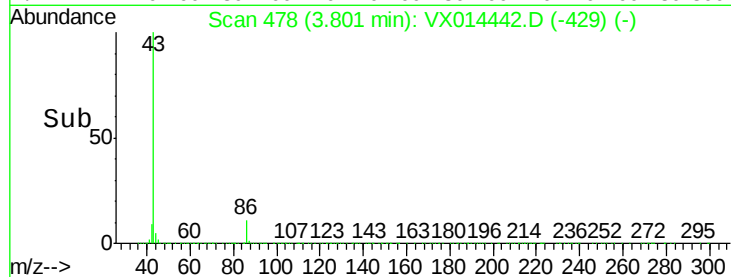
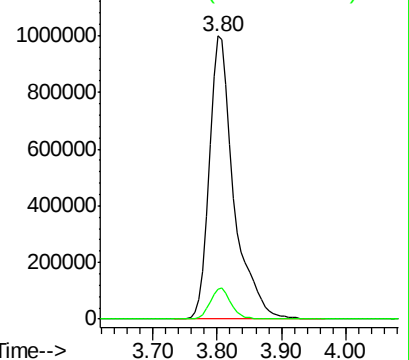
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.419 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

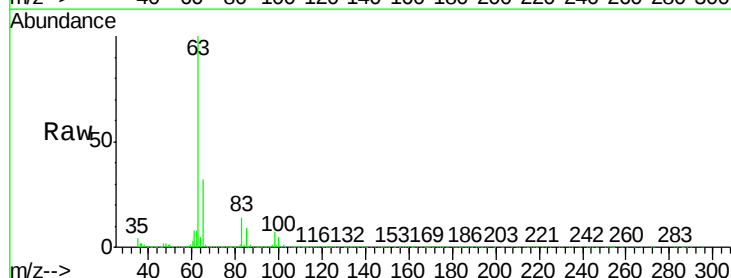
Tgt Ion: 63 Resp: 431787

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

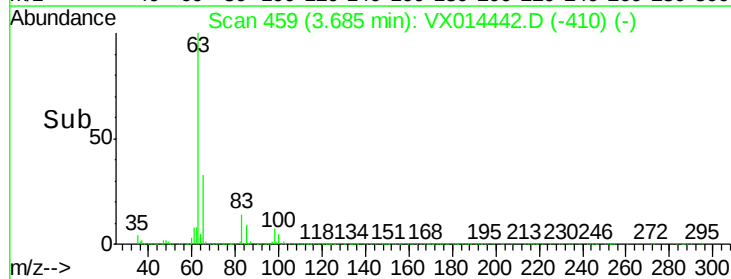
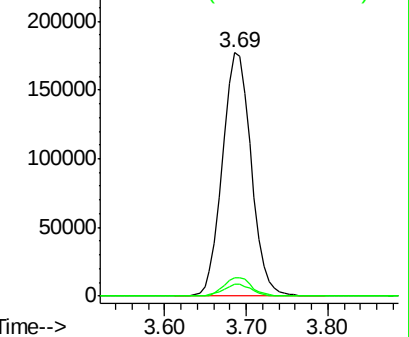
100 5.0 2.3 6.8

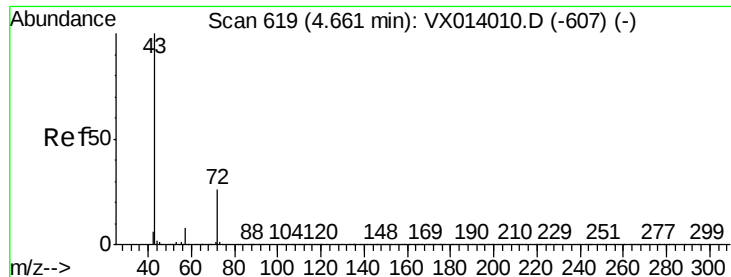


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.333 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 989680

Ion Ratio Lower Upper

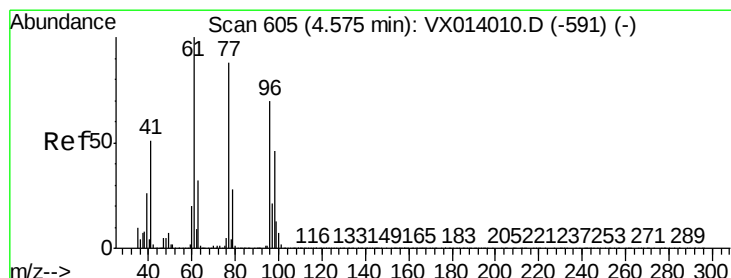
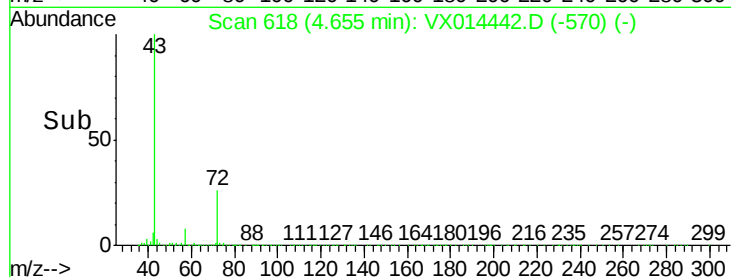
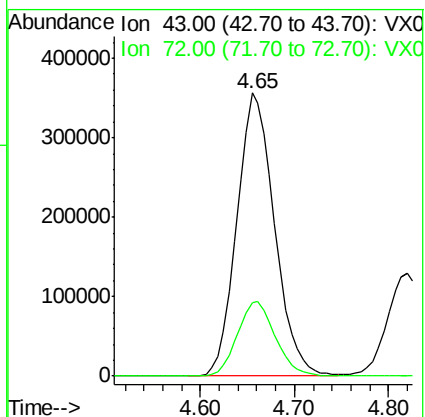
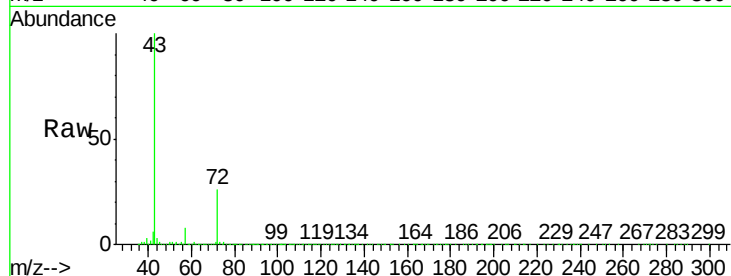
43 100

72 25.8 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 46.716 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014442.D

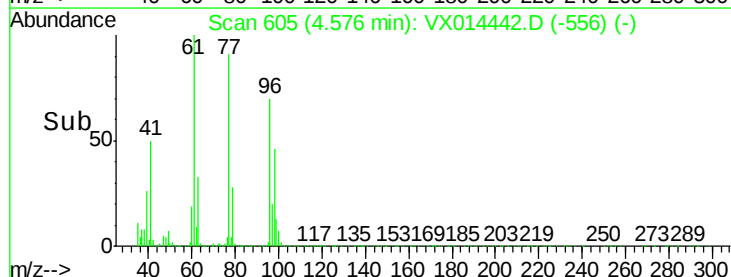
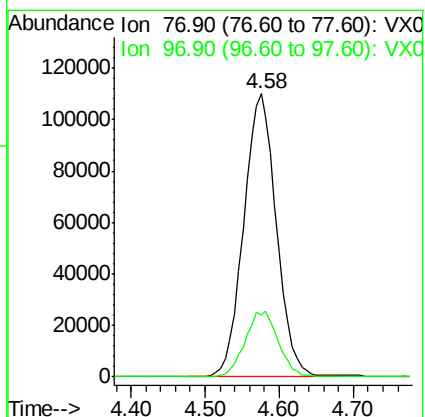
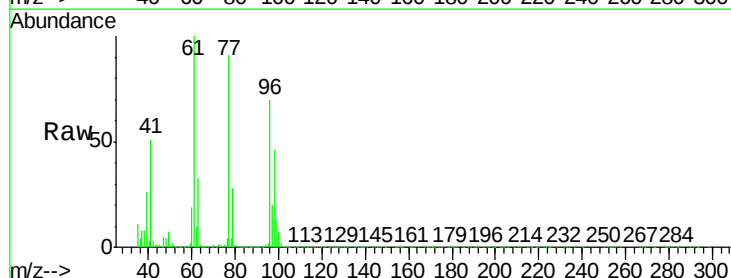
Acq: 06 Jan 2020 20:58

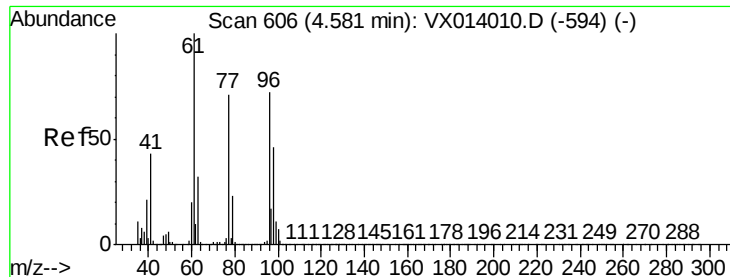
Tgt Ion: 77 Resp: 337388

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9





#27

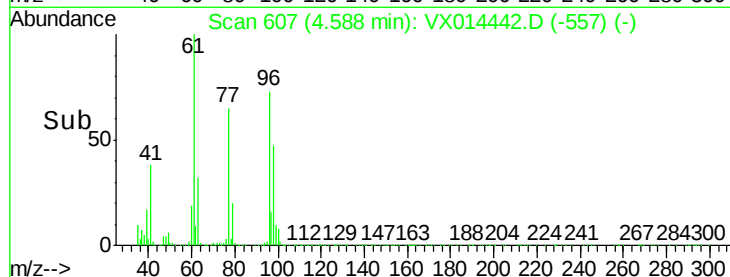
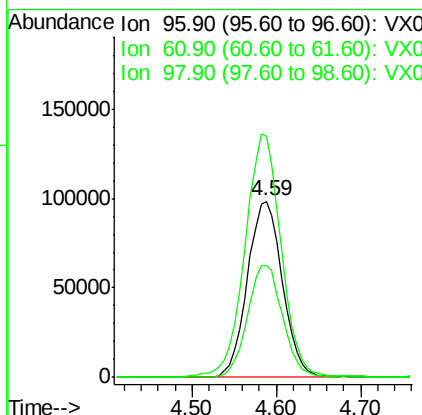
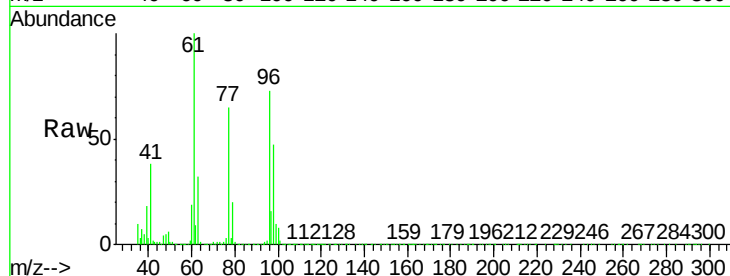
cis-1,2-Dichloroethene
Concen: 47.382 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	277411		
61	143.0	0.0	288.4	
98	64.2	0.0	129.6	

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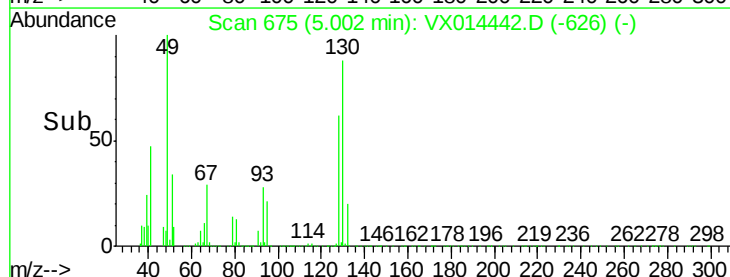
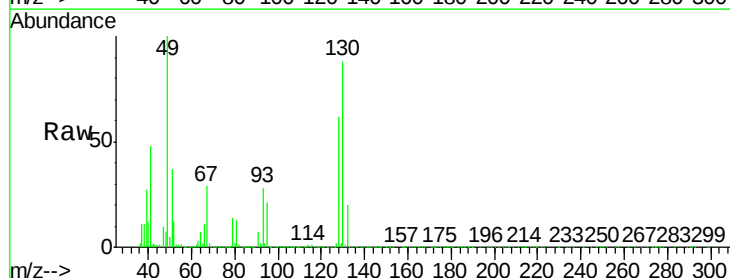
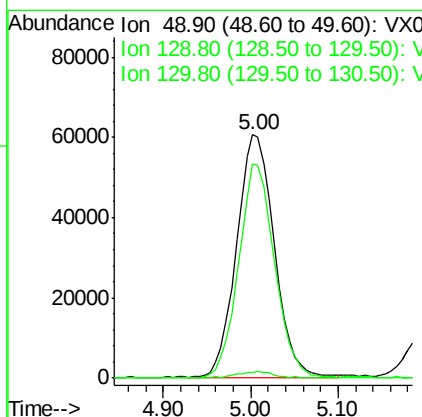
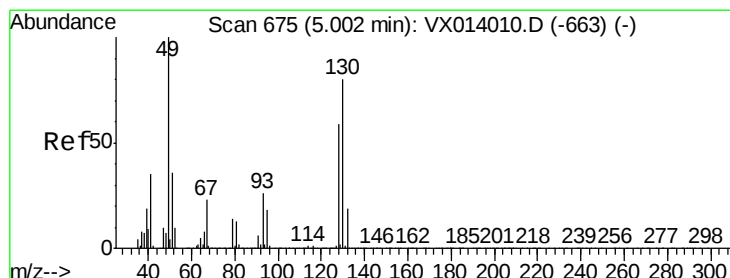
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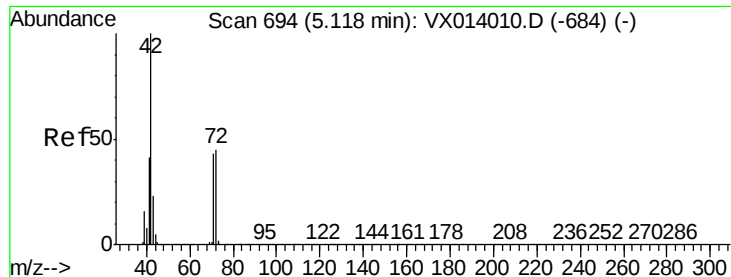


#28

Bromochloromethane
Concen: 50.559 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	180885		
129	2.7	0.0	5.0	
130	84.0	64.6	97.0	





#29

Tetrahydrofuran

Concen: 251.448 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

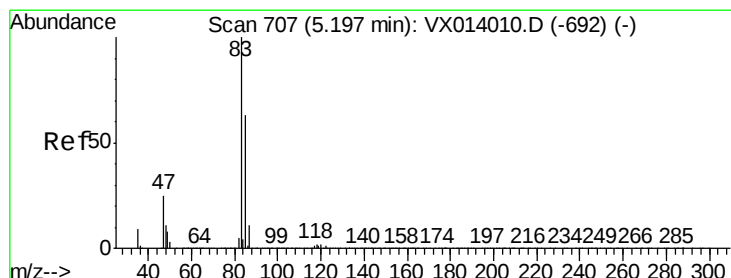
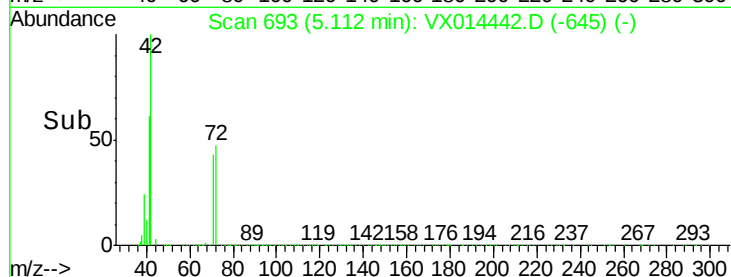
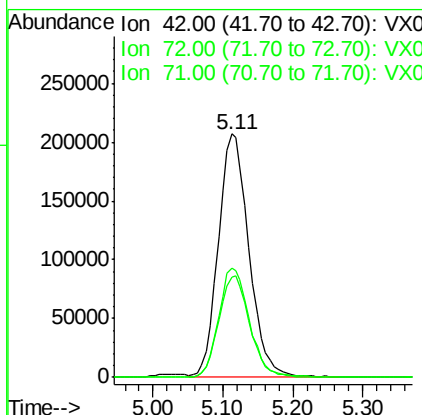
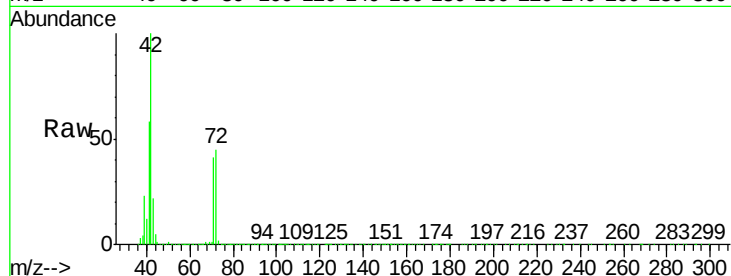
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	42	Resp:	623239
Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.8	53.8
71	42.1	33.6	50.4

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#30

Chloroform

Concen: 49.342 ug/l

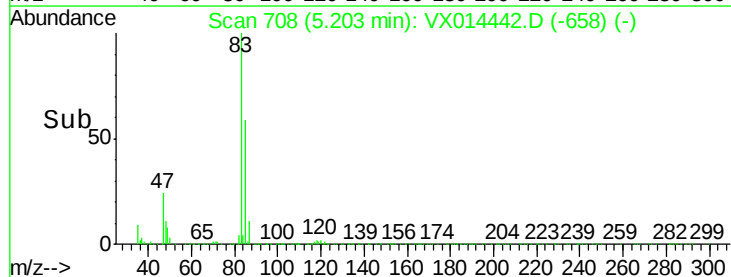
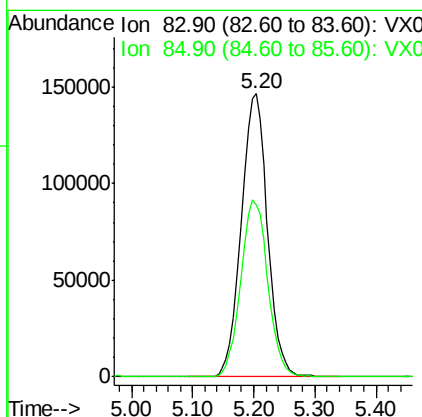
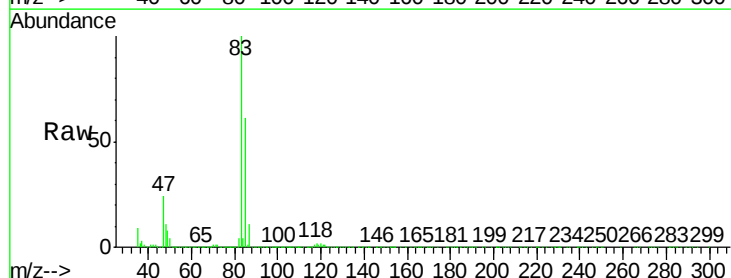
RT: 5.20 min Scan# 708

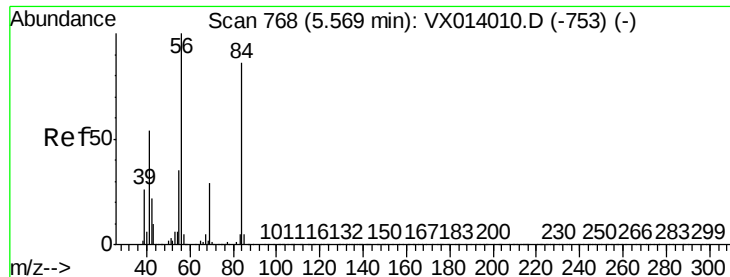
Delta R.T. 0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	83	Resp:	435094
Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.8	76.2





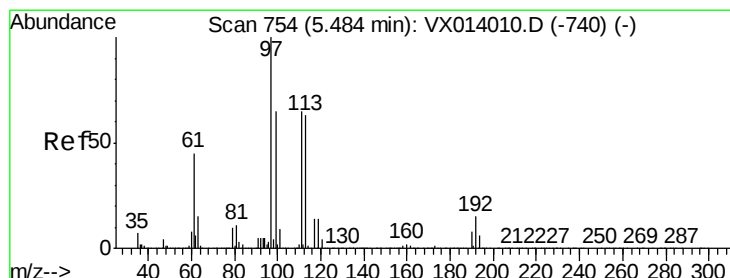
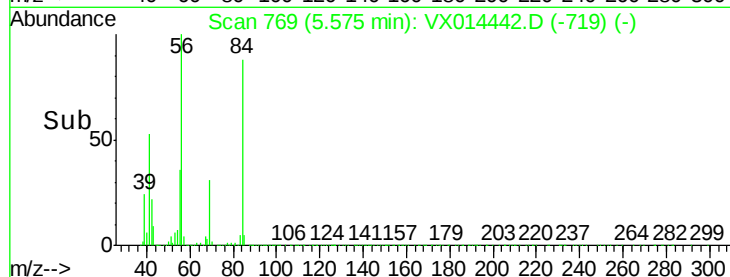
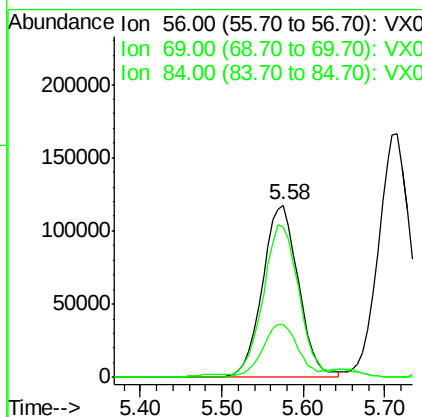
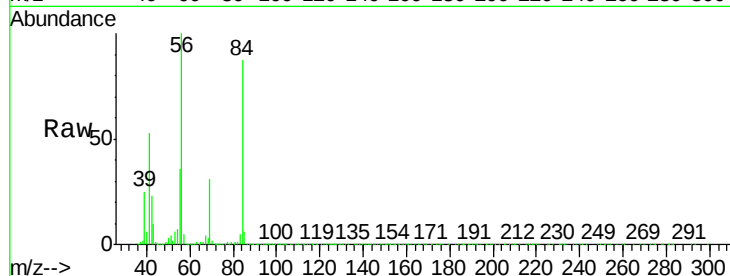
#31
Cyclohexane
Concen: 43.714 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.2	34.8
84	86.2	69.2	103.8

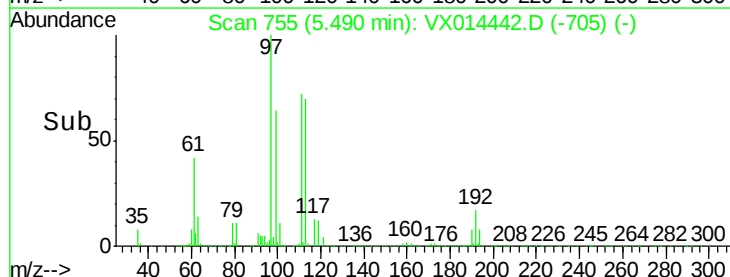
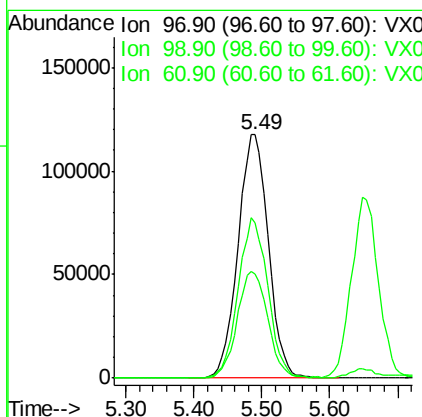
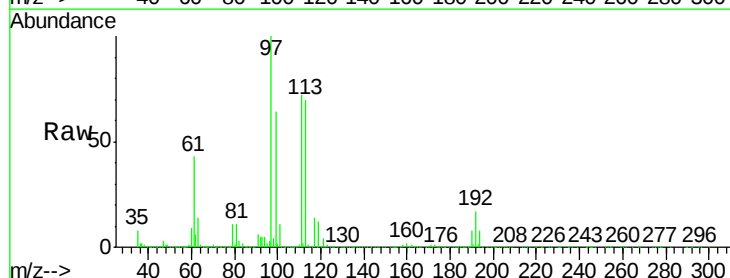
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#32
1,1,1-Trichloroethane
Concen: 48.423 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	44.0	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 51.073 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 282762
Ion Ratio Lower Upper

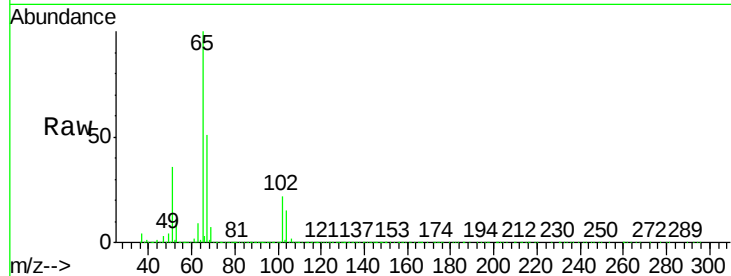
65 100

67 52.3 0.0 106.4

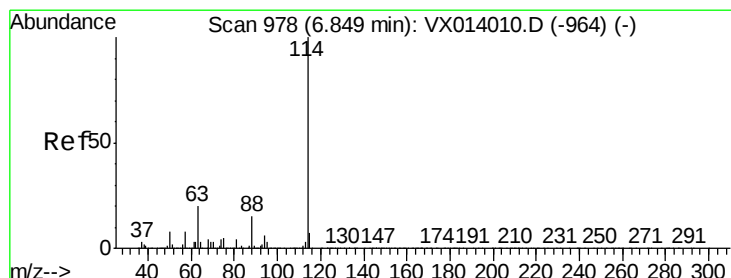
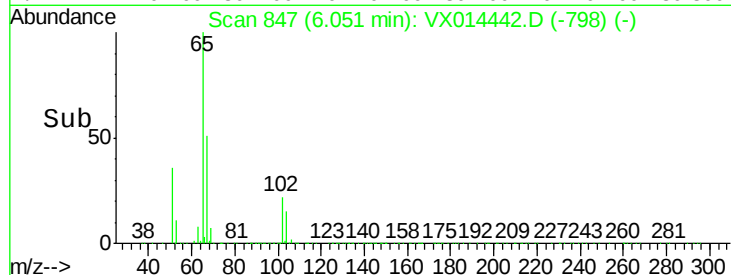
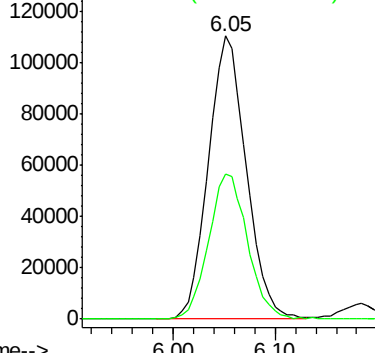
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Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014442.D

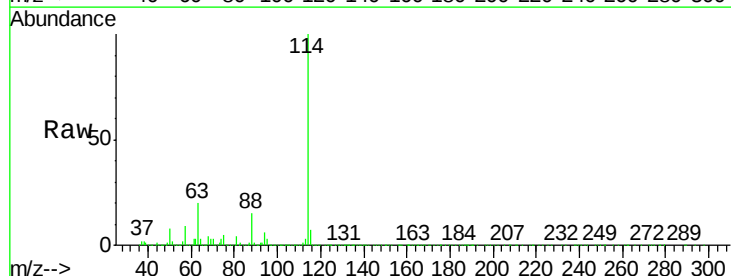
Acq: 06 Jan 2020 20:58

Tgt Ion: 114 Resp: 744784
Ion Ratio Lower Upper

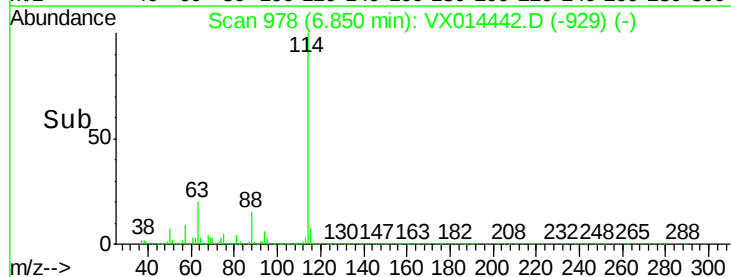
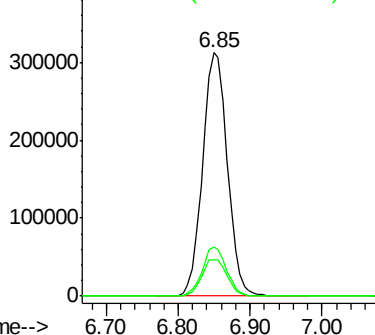
114 100

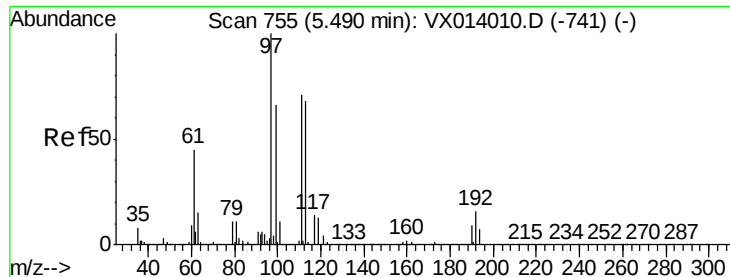
63 19.9 0.0 40.8

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.546 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

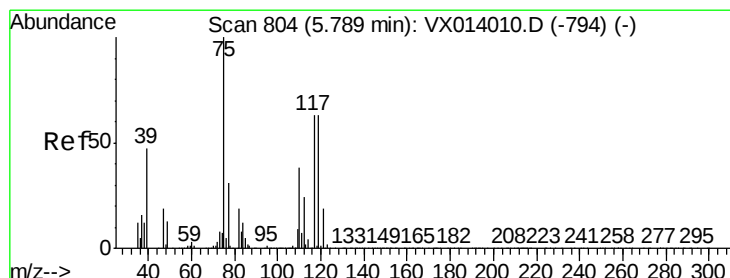
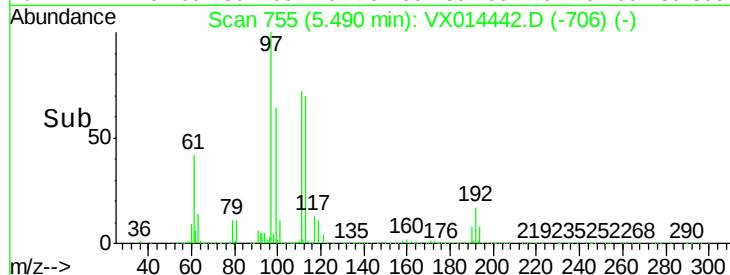
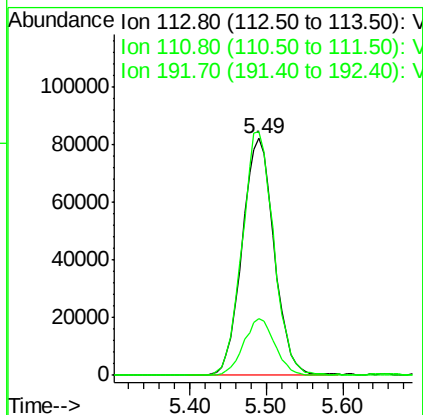
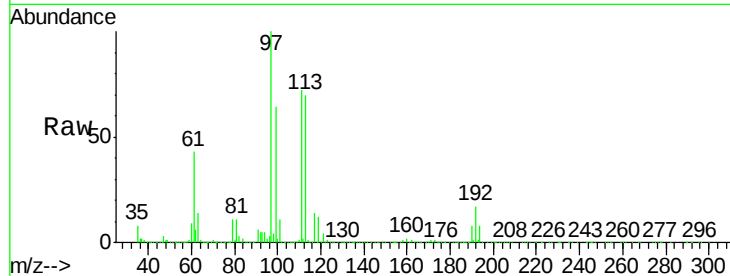
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	237902
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.0	123.0
192	23.9	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 43.949 ug/l

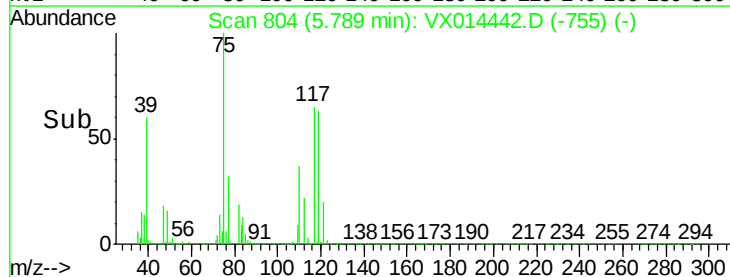
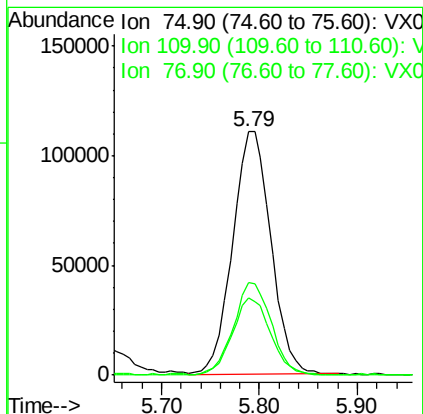
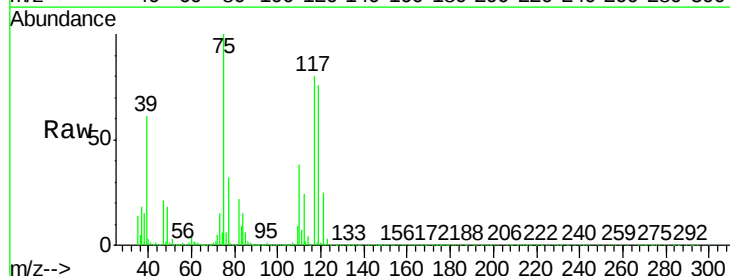
RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	75	Resp:	300339
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.3	54.9
77	31.3	24.8	37.2





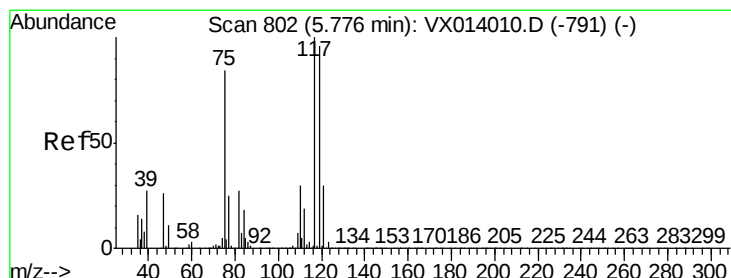
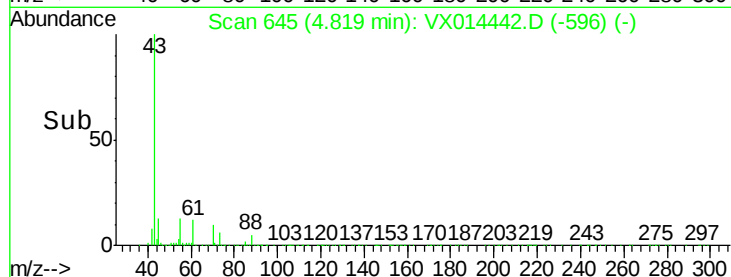
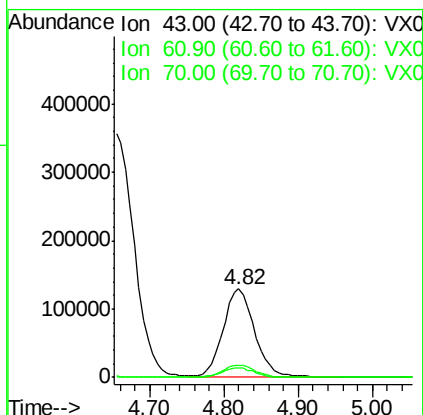
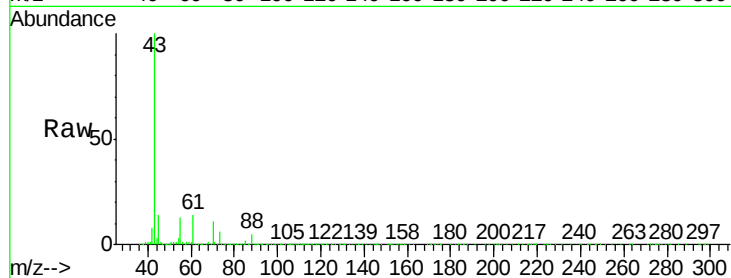
#37
Ethyl Acetate
Concen: 50.321 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.8	16.2
70	11.0	8.6	12.8

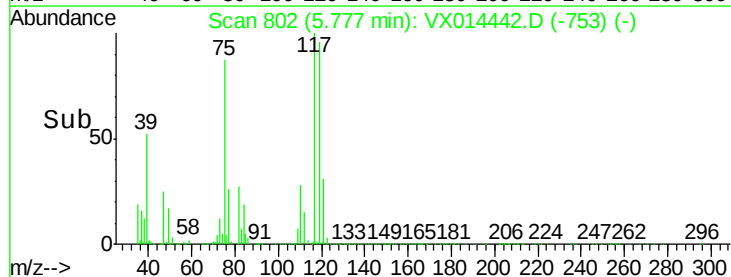
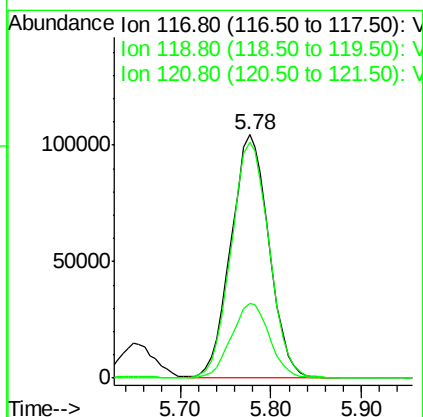
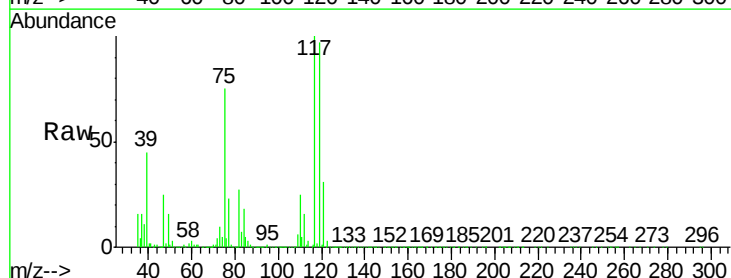
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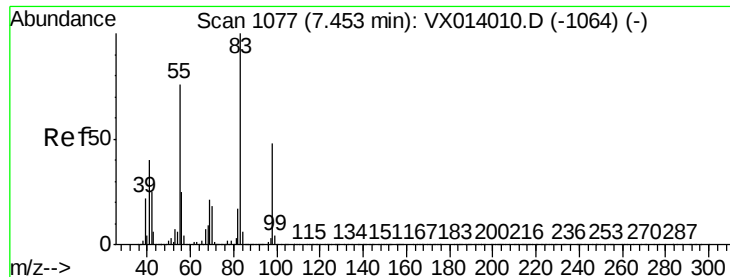
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#38
Carbon Tetrachloride
Concen: 48.571 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.2	114.4
121	30.6	23.6	35.4





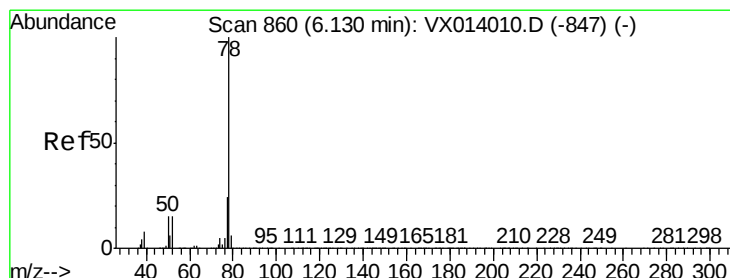
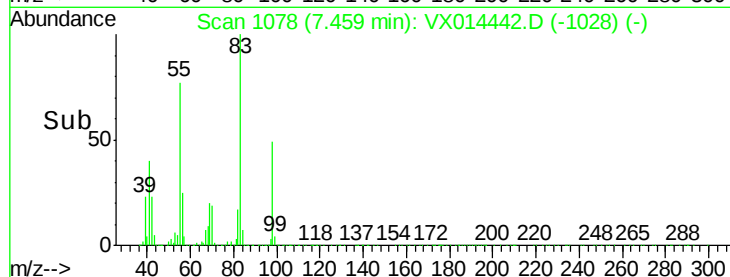
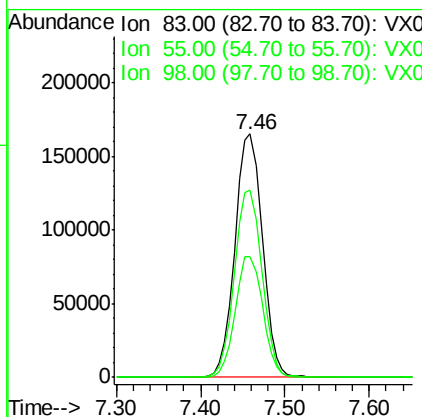
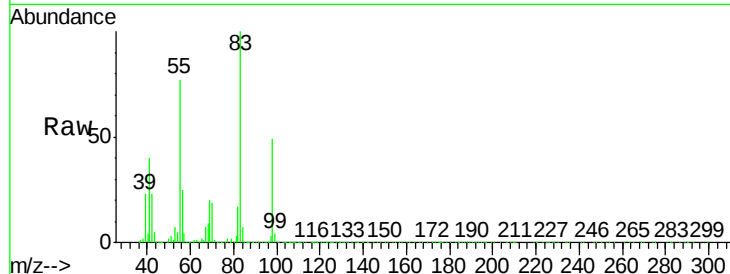
#39
Methylcyclohexane
Concen: 43.319 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	365530		
55	76.7	61.0	91.6	
98	49.4	38.6	57.8	

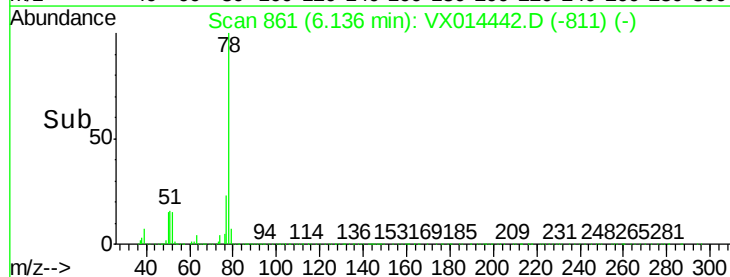
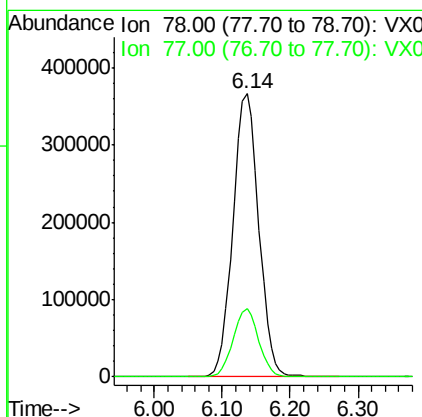
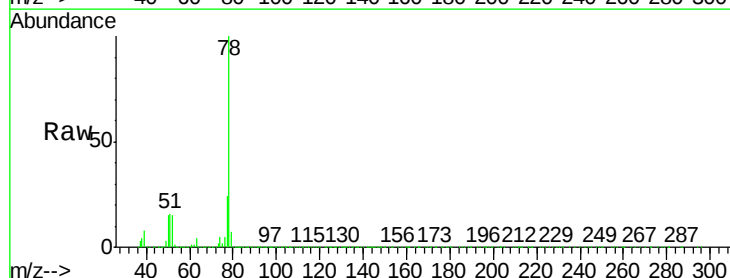
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#40
Benzene
Concen: 45.989 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	967002		
77	24.2	18.8	28.2	





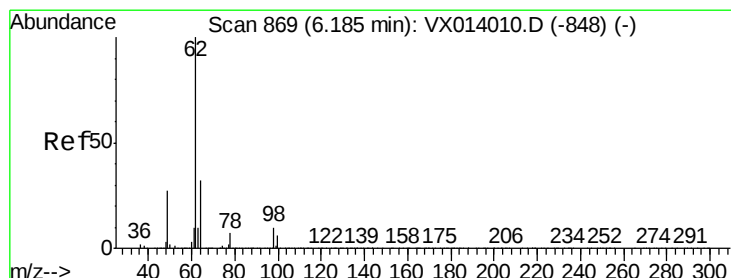
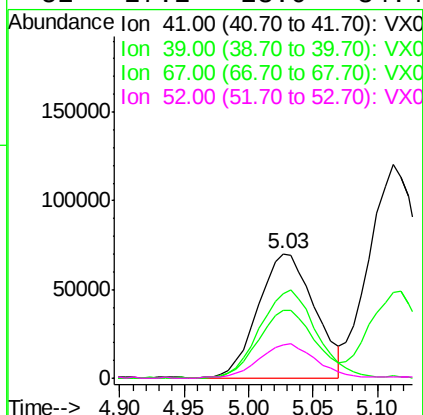
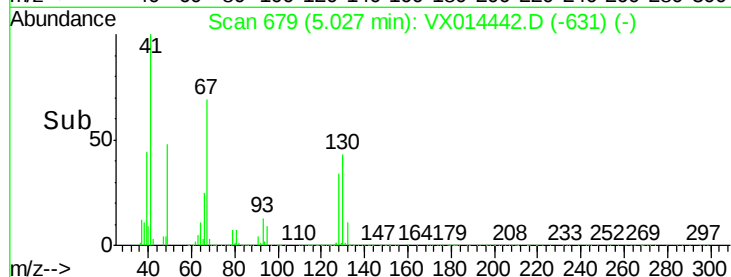
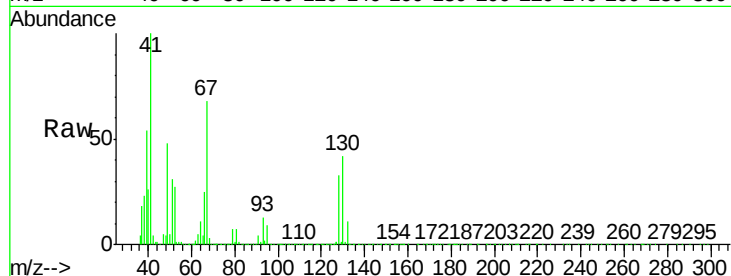
#41
Methacrylonitrile
Concen: 50.683 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.5	66.7
67	71.6	57.4	86.0
52	27.2	23.0	34.4

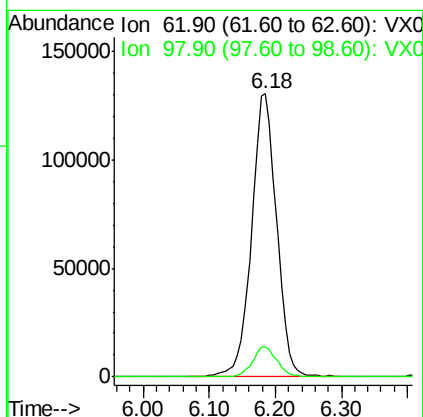
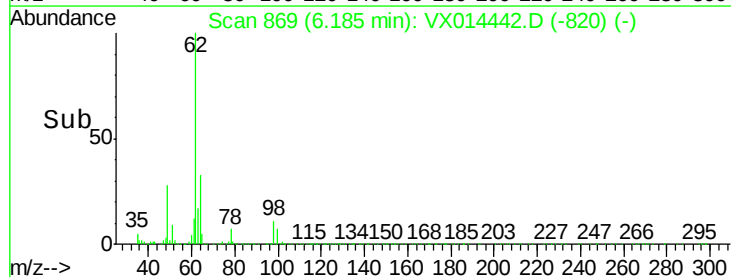
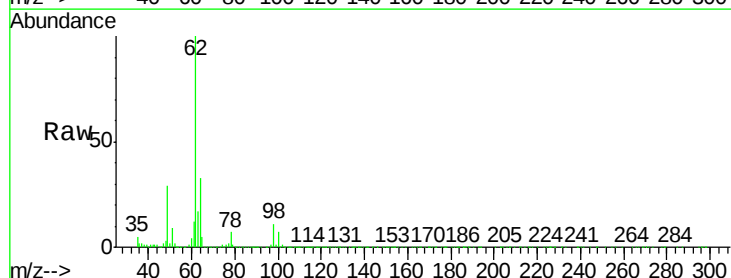
Manual Integrations
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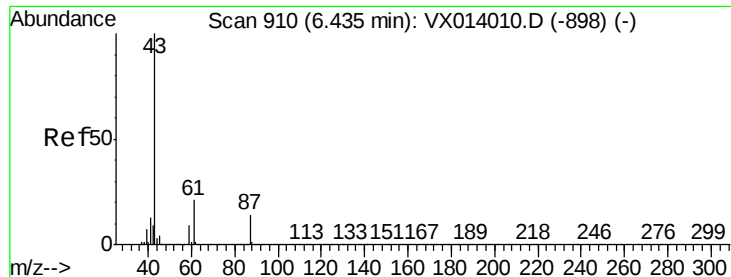
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#42
1,2-Dichloroethane
Concen: 48.038 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0





#43

Isopropyl Acetate

Concen: 50.838 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

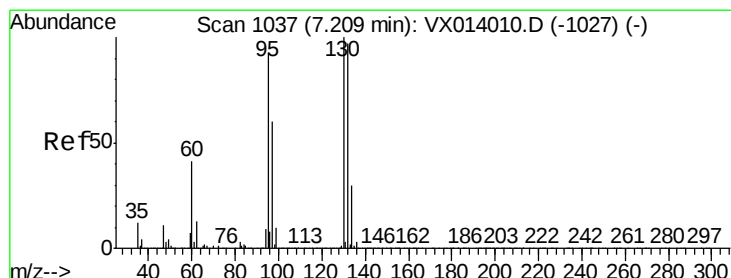
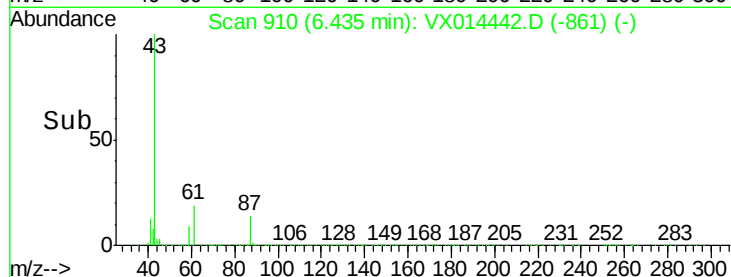
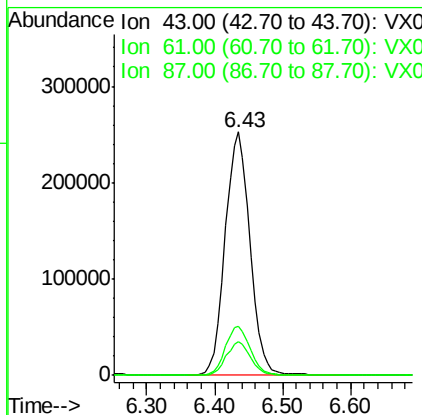
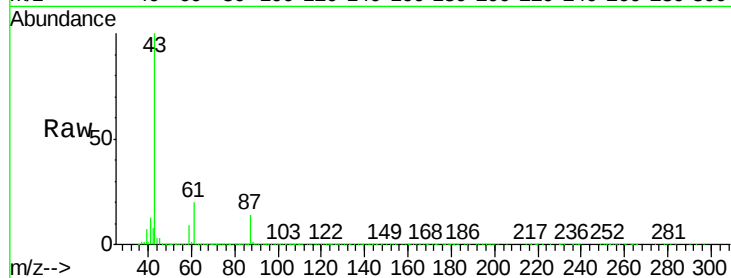
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	634915
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.4	24.6
87	13.4	10.7	16.1

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#44

Trichloroethene

Concen: 49.054 ug/l

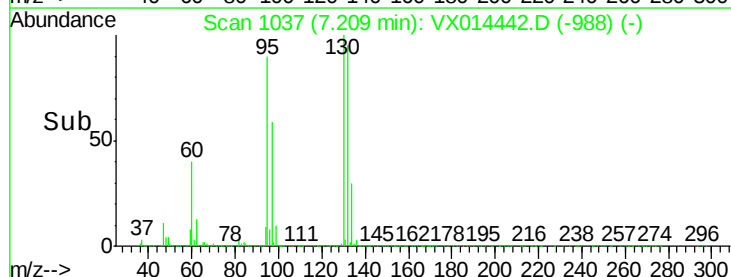
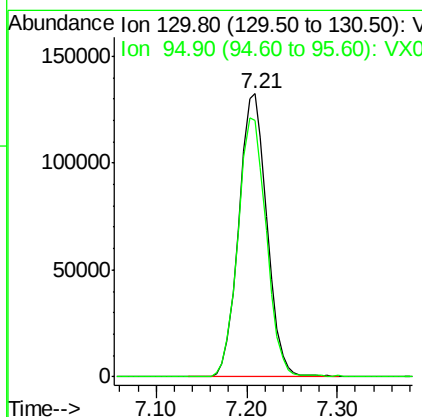
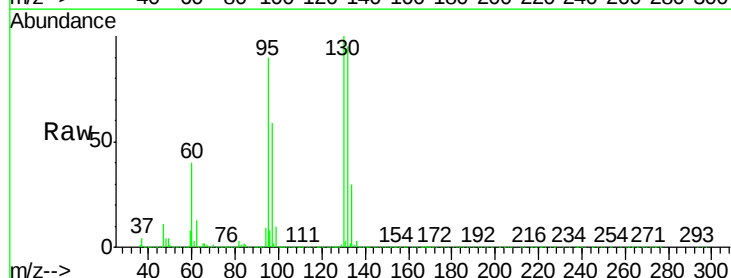
RT: 7.21 min Scan# 1037

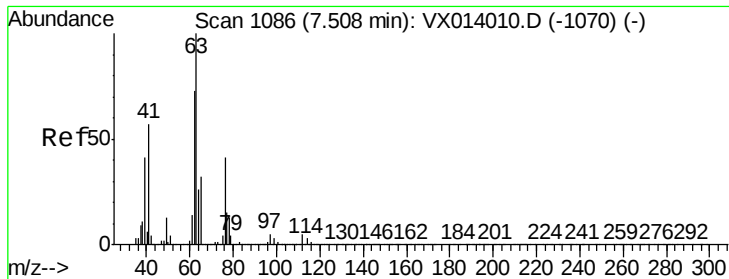
Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	130	Resp:	284894
Ion Ratio	Lower	Upper	
130	100		
95	90.5	0.0	185.6





#45

1,2-Dichloropropane

Concen: 47.731 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion: 63 Resp: 257242

Ion Ratio Lower Upper

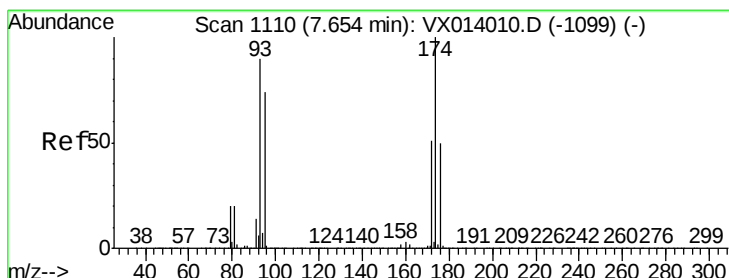
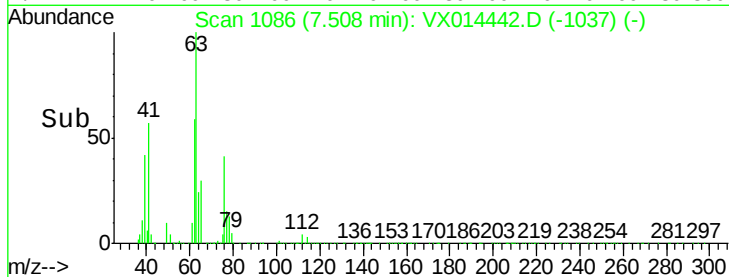
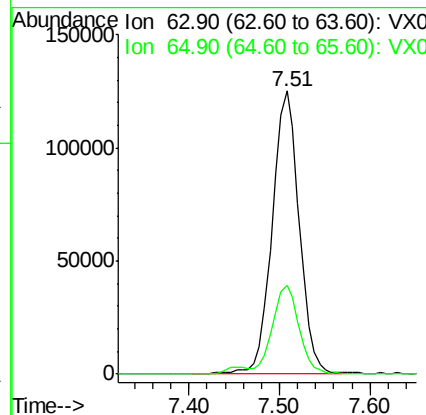
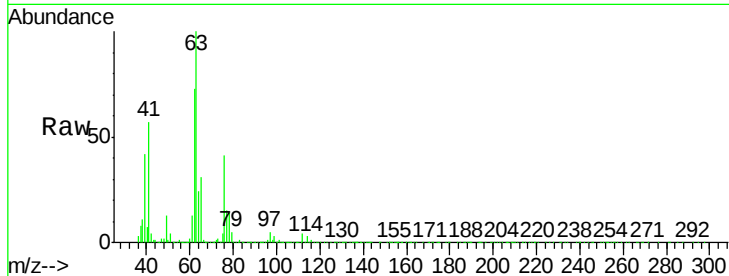
63 100

65 31.2 25.8 38.8

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#46

Dibromomethane

Concen: 46.432 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

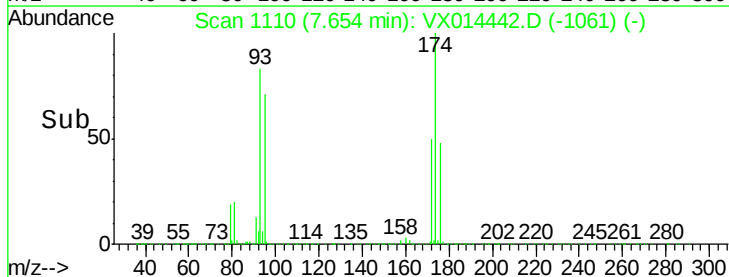
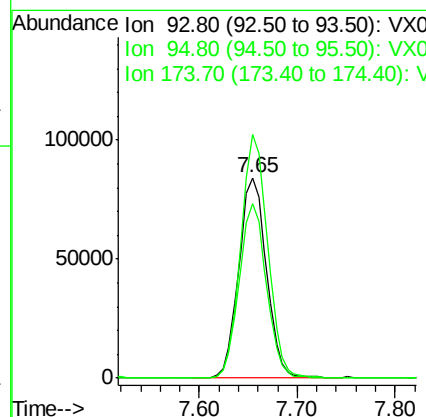
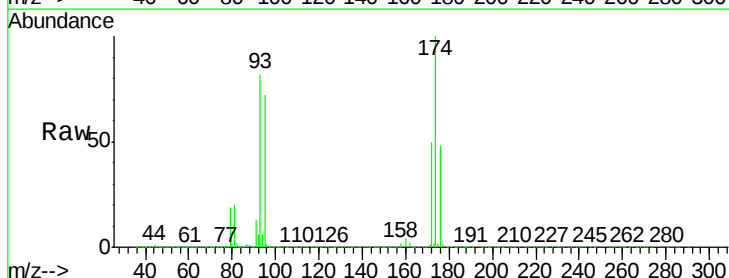
Tgt Ion: 93 Resp: 165444

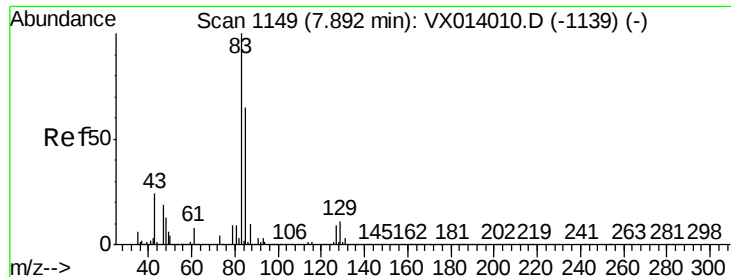
Ion Ratio Lower Upper

93 100

95 85.5 67.3 100.9

174 118.6 91.6 137.4





#47

Bromodichloromethane

Concen: 49.771 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

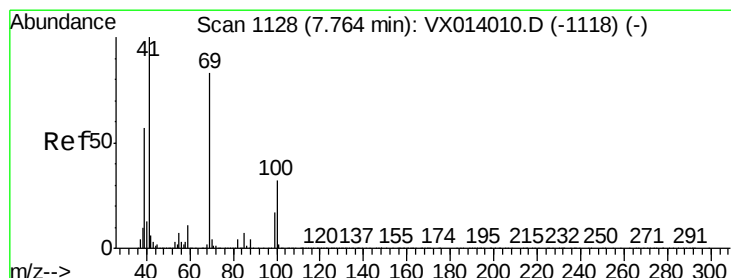
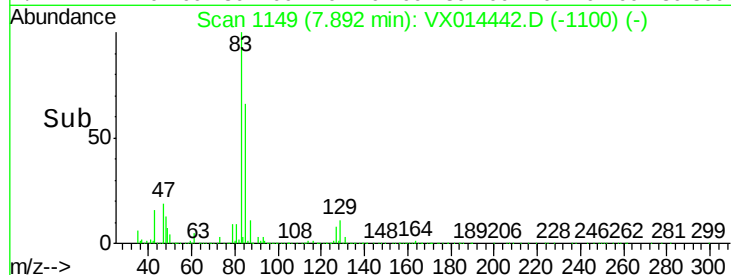
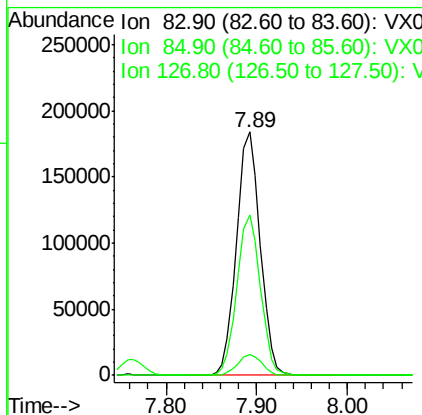
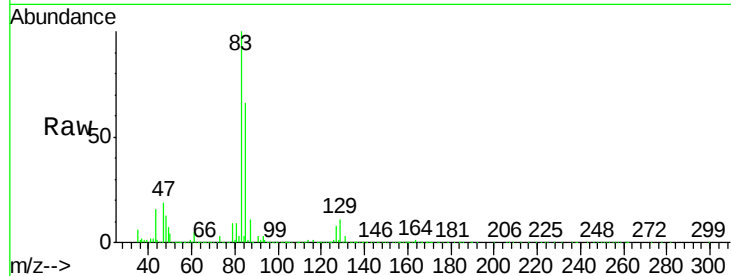
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.8	77.8
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 49.967 ug/l

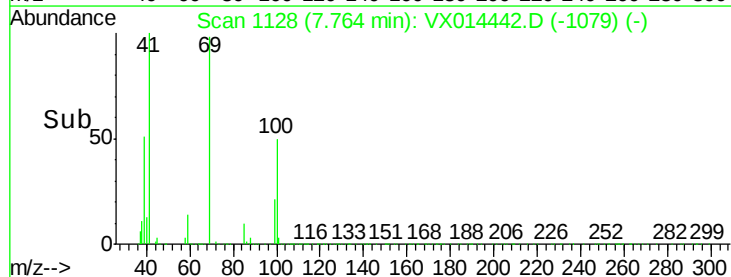
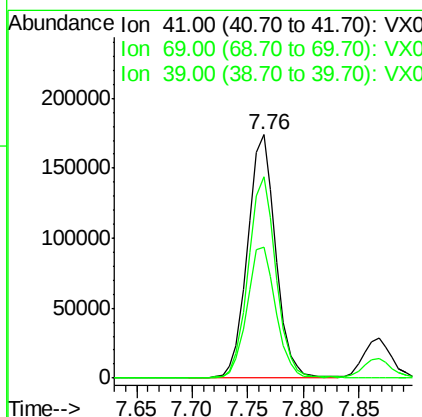
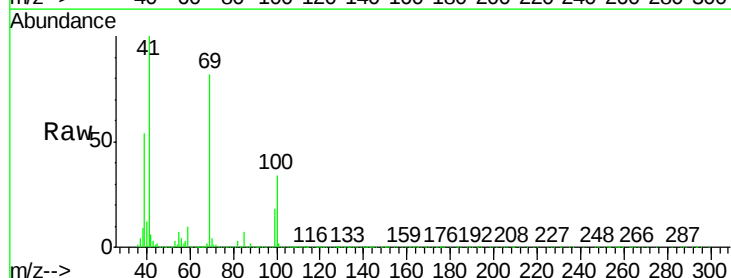
RT: 7.76 min Scan# 1128

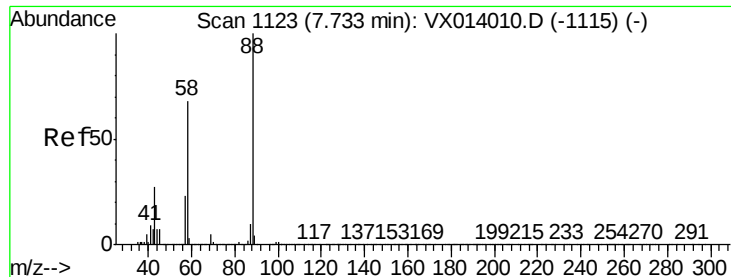
Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.5	65.8	98.6
39	54.9	44.6	67.0





#49

1,4-Dioxane

Concen: 922.954 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

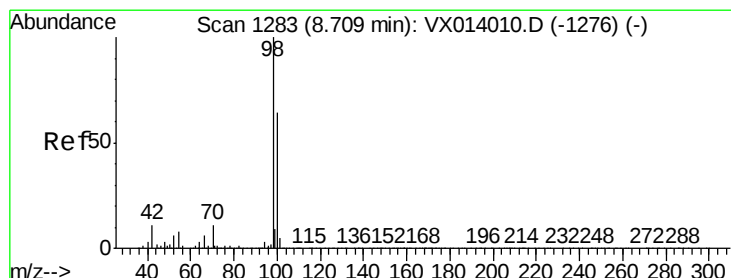
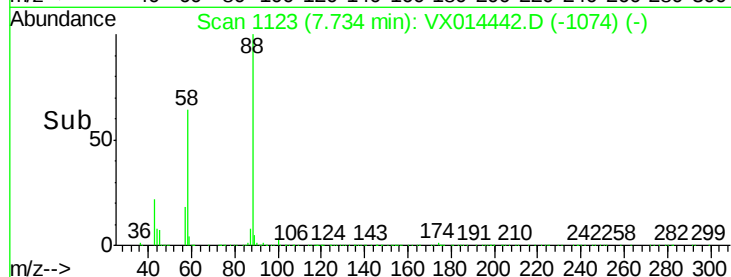
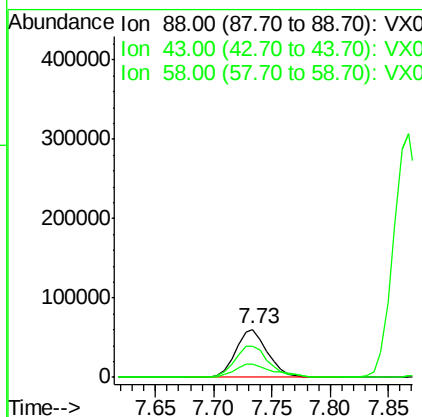
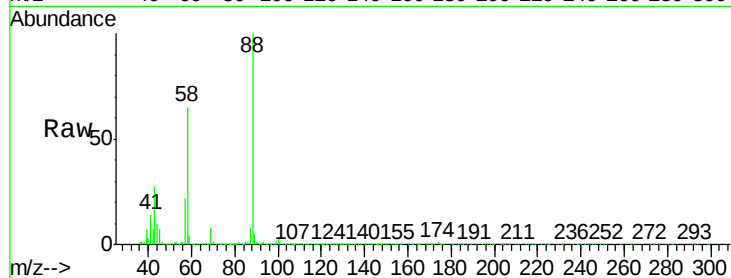
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	114864
Ion Ratio	Lower	Upper	
88	100		
43	34.3	26.5	39.7
58	70.4	56.8	85.2

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#50

Toluene-d8

Concen: 51.173 ug/l

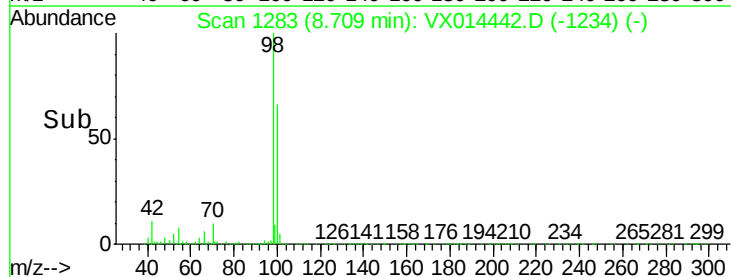
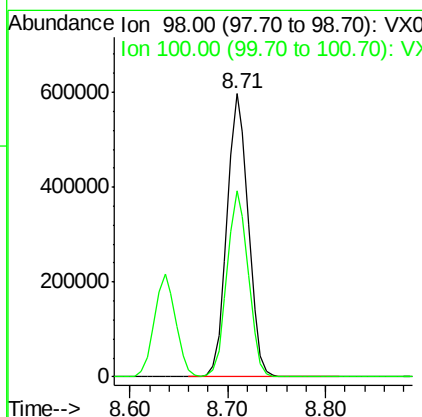
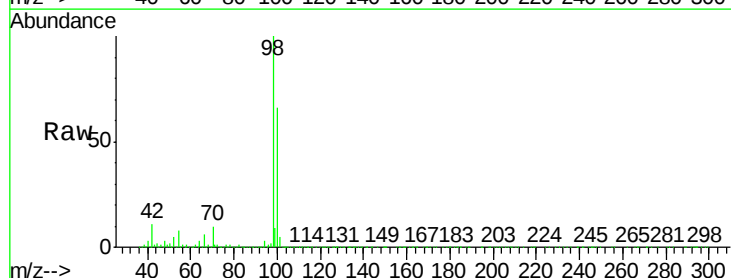
RT: 8.71 min Scan# 1283

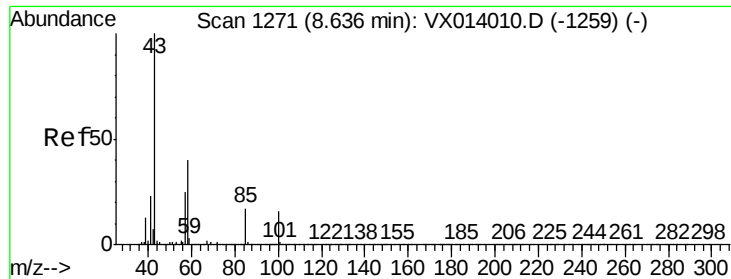
Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	98	Resp:	901996
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.9	79.3





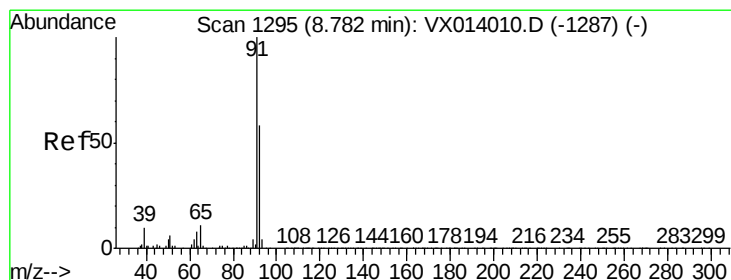
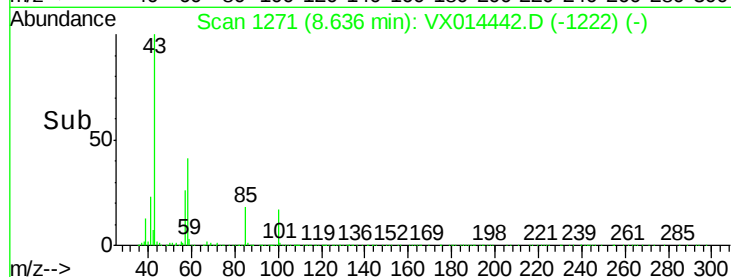
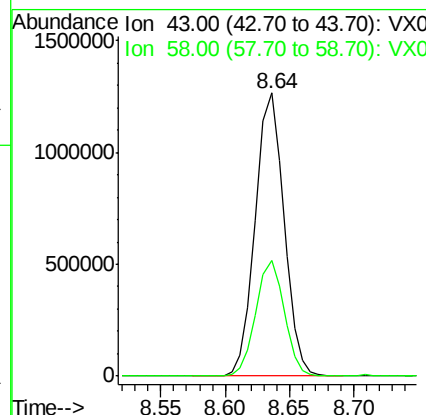
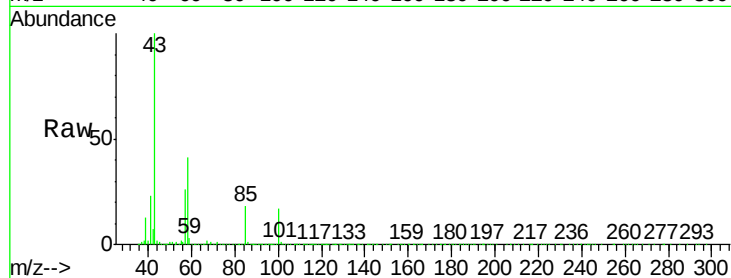
#51
 4-Methyl-2-Pentanone
 Concen: 249.041 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1953312
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.2 48.2

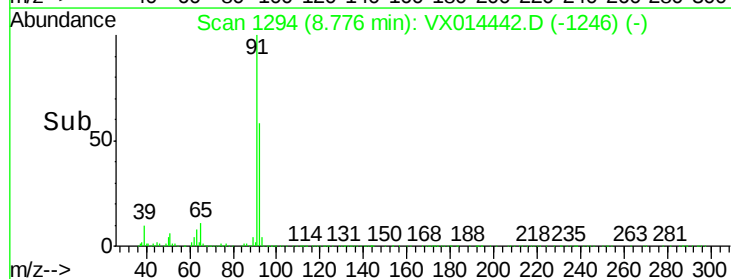
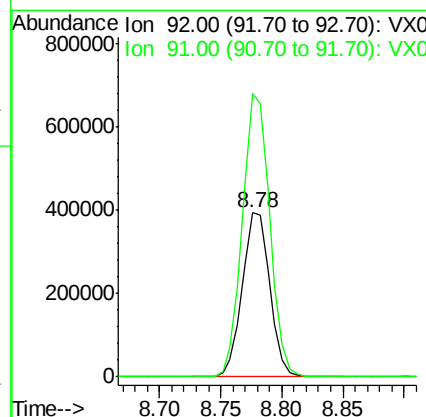
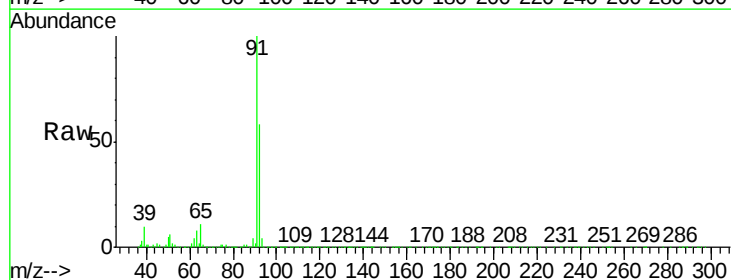
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#52
 Toluene
 Concen: 46.144 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion: 92 Resp: 613268
 Ion Ratio Lower Upper
 92 100
 91 172.1 136.2 204.4





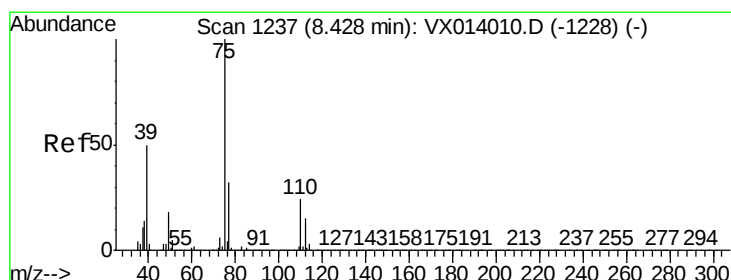
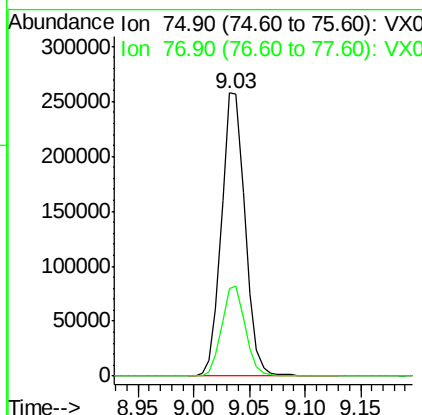
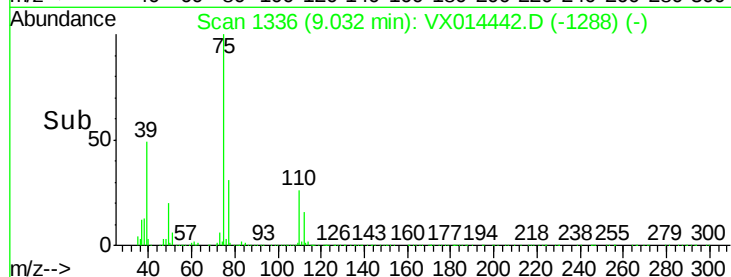
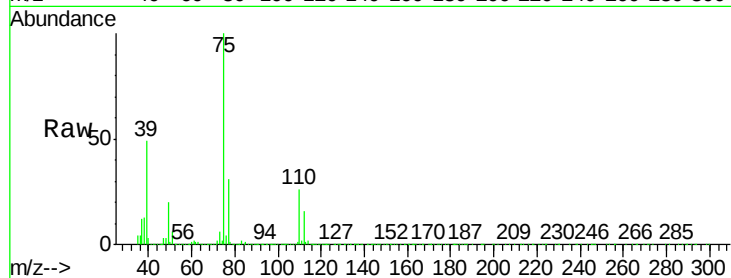
#53
t-1,3-Dichloropropene
Concen: 51.505 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 378995
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7

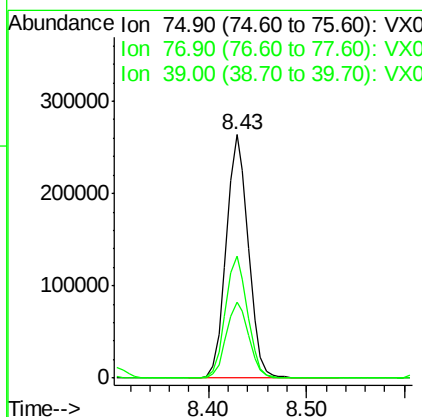
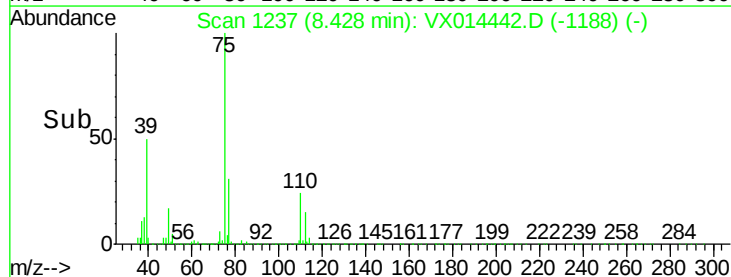
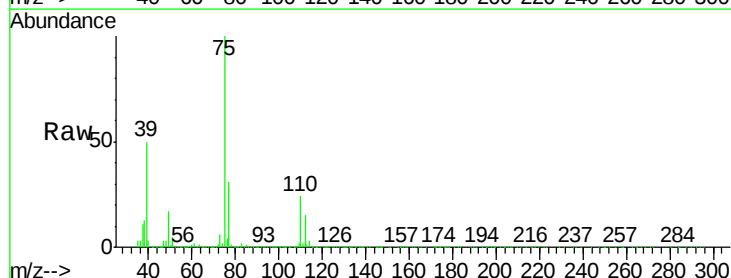
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#54
cis-1,3-Dichloropropene
Concen: 50.477 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 75 Resp: 413796
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 49.8 39.9 59.9





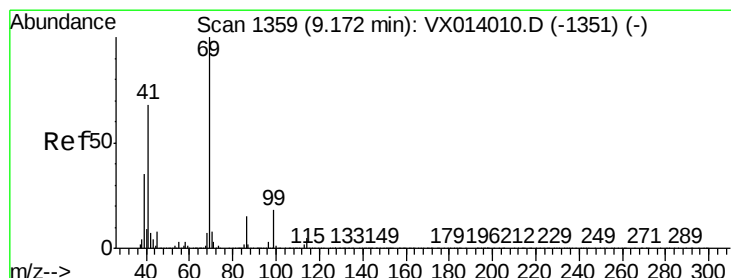
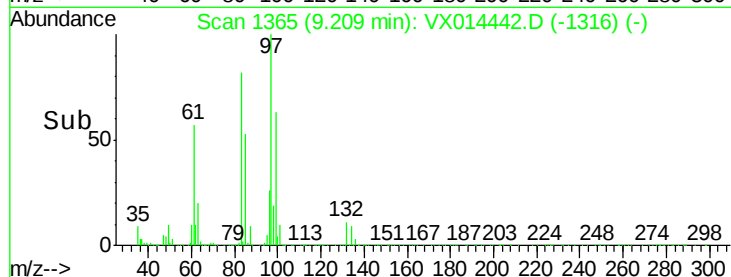
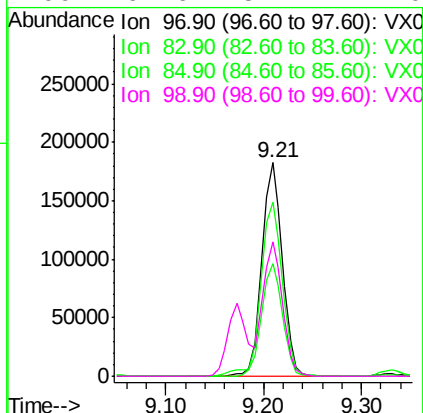
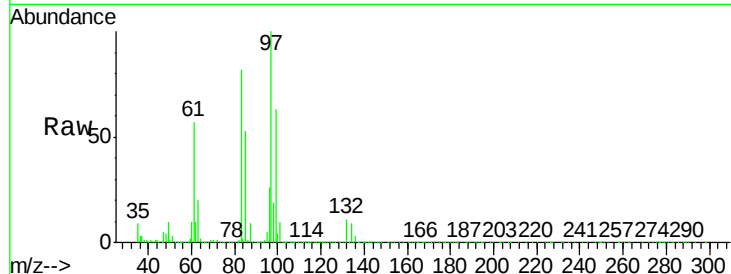
#55
 1,1,2-Trichloroethane
 Concen: 49.696 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	68.2	102.4
85	52.8	44.6	66.8
99	62.6	51.4	77.0

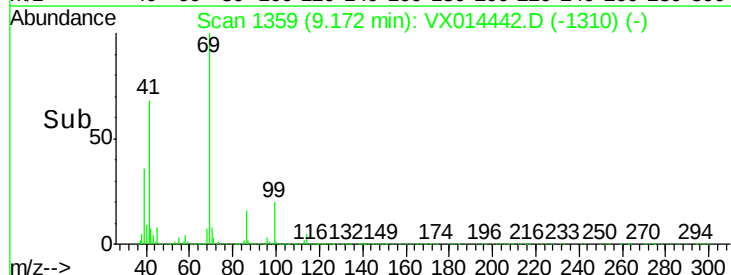
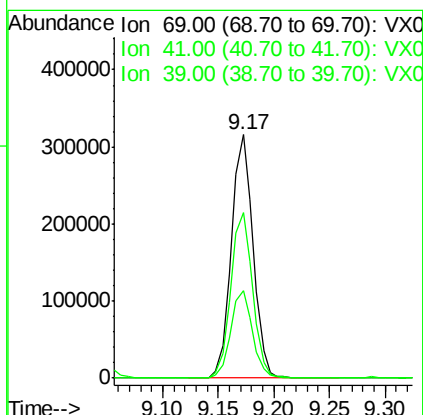
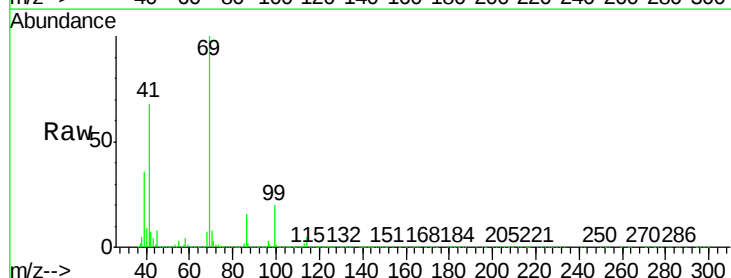
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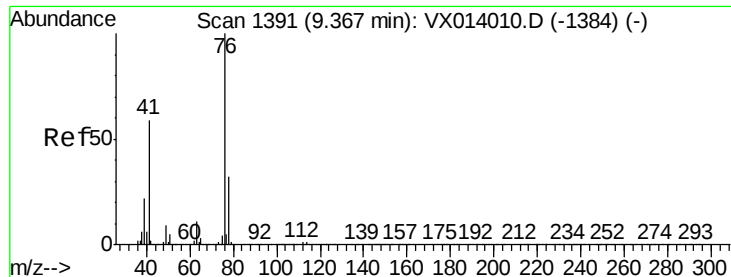
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#56
 Ethyl methacrylate
 Concen: 50.887 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	35.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 48.561 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 435211

Ion Ratio Lower Upper

76 100

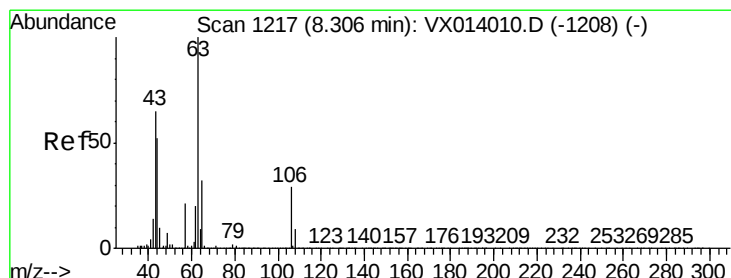
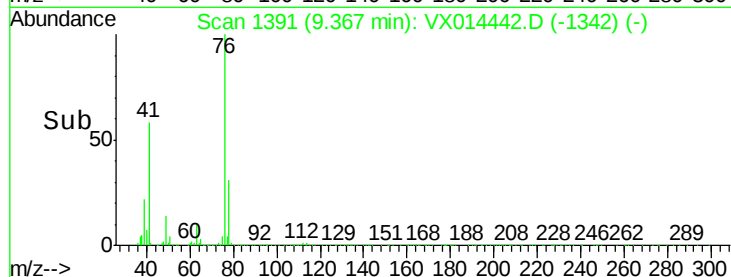
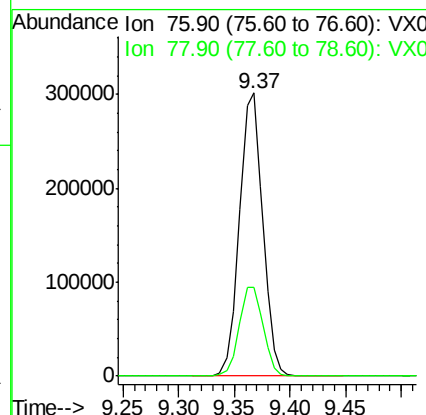
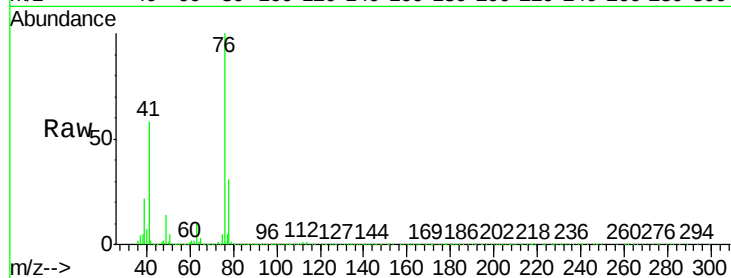
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 263.758 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014442.D

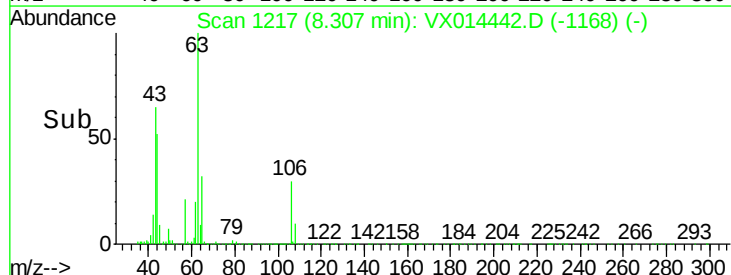
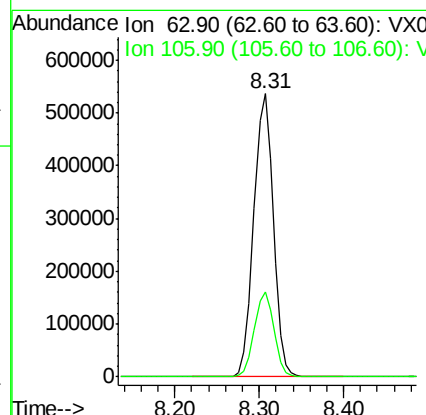
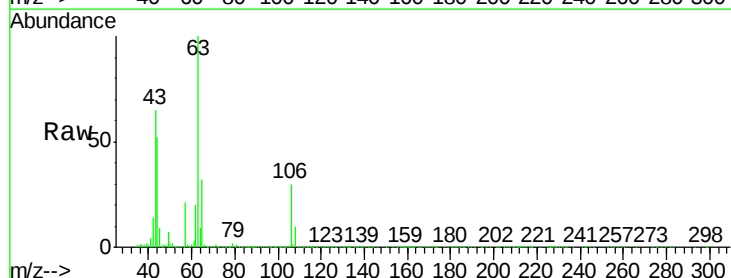
Acq: 06 Jan 2020 20:58

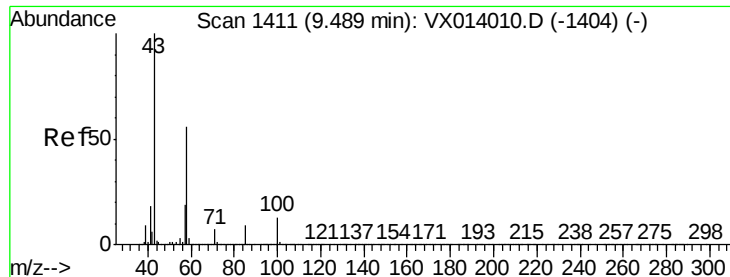
Tgt Ion: 63 Resp: 835186

Ion Ratio Lower Upper

63 100

106 30.2 23.0 34.6





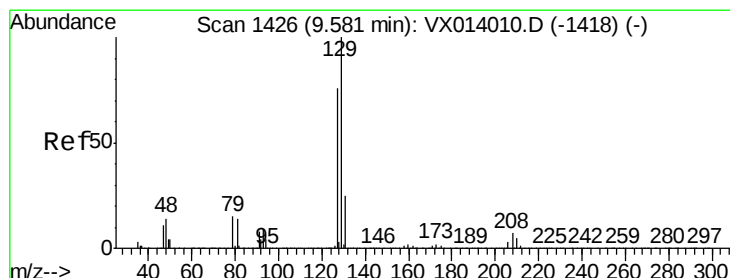
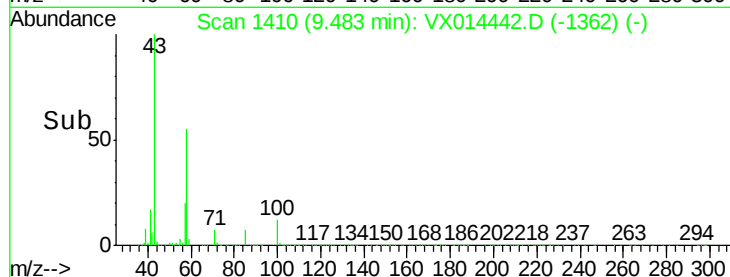
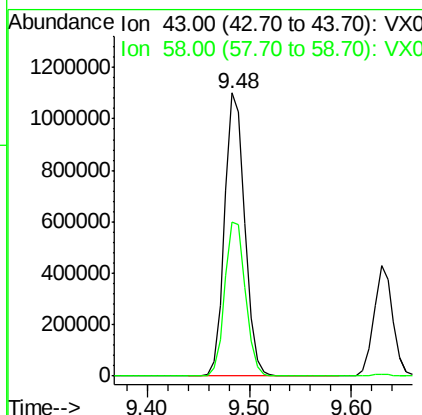
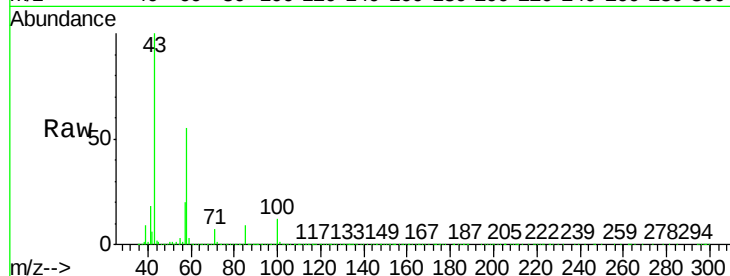
#59
2-Hexanone
Concen: 238.174 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1503805
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0

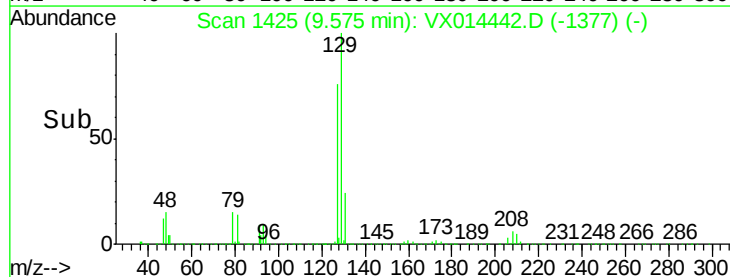
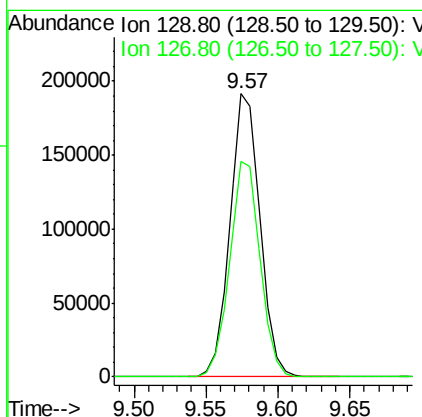
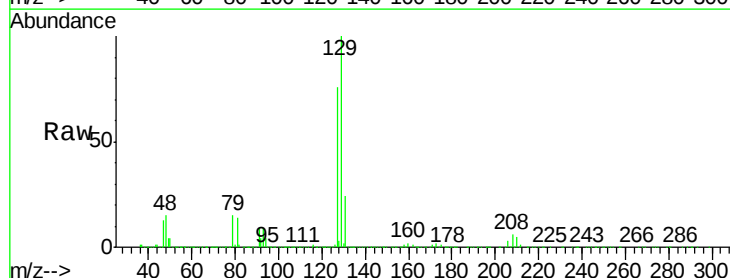
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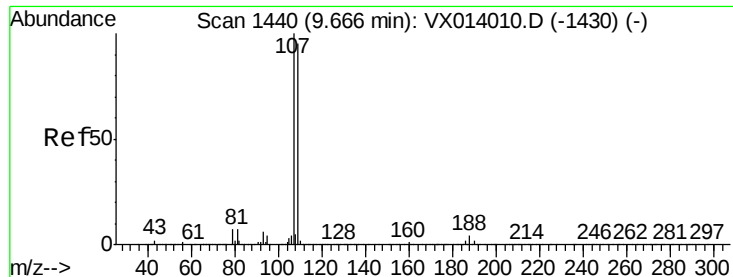
apatel
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#60
Dibromochloromethane
Concen: 52.822 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion: 129 Resp: 279678
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.738 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 271073

Ion Ratio Lower Upper

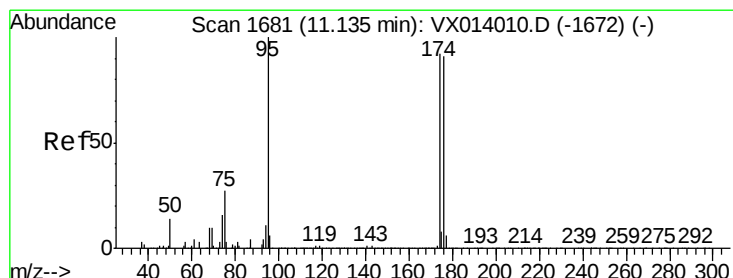
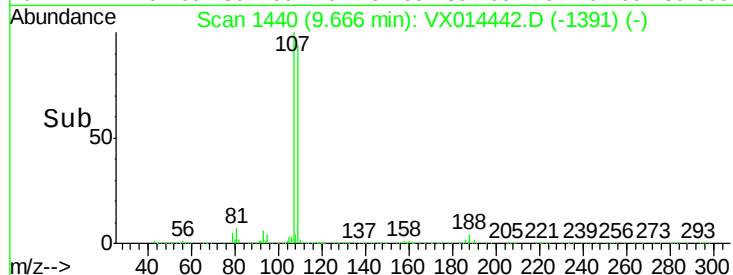
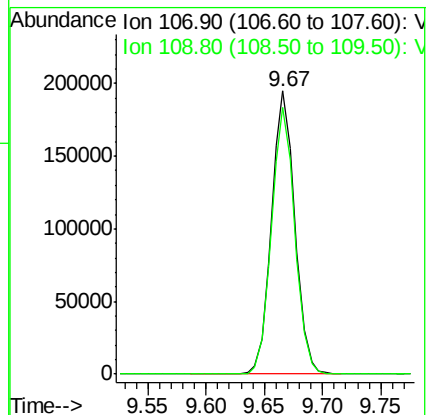
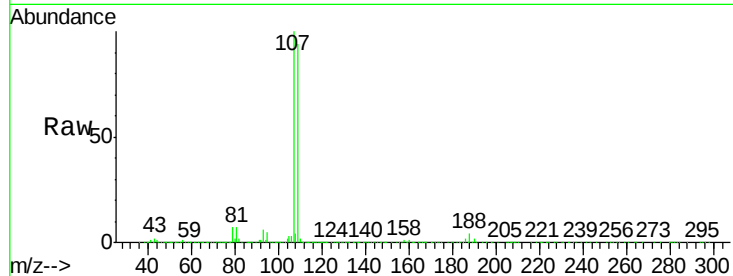
107 100

109 94.3 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 50.460 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

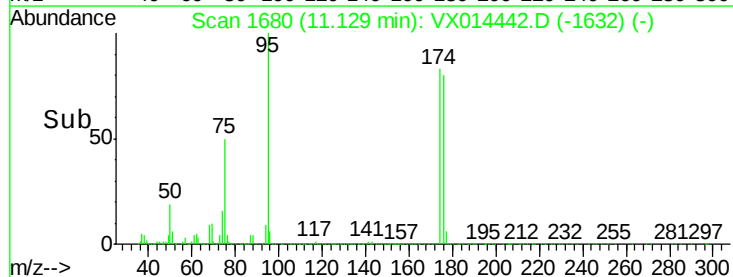
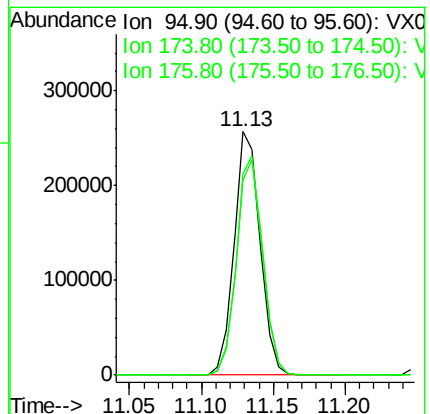
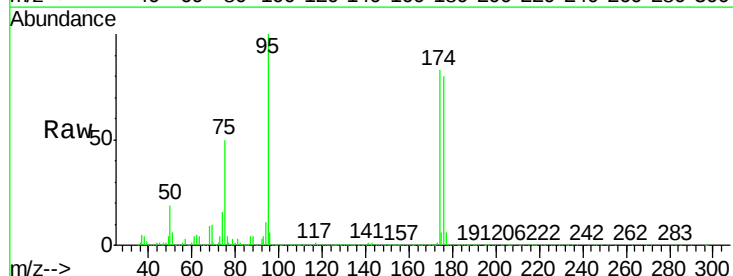
Tgt Ion: 95 Resp: 325127

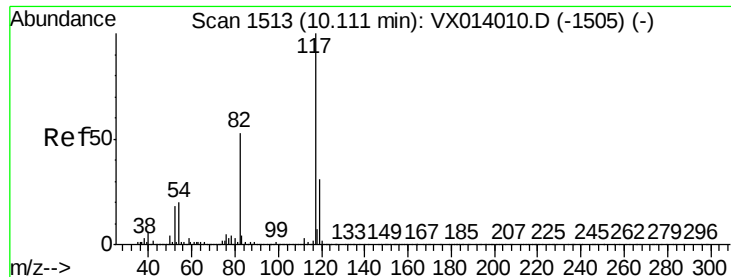
Ion Ratio Lower Upper

95 100

174 91.3 0.0 175.8

176 88.7 0.0 173.0





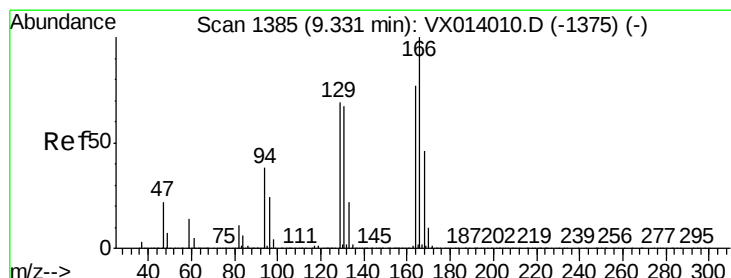
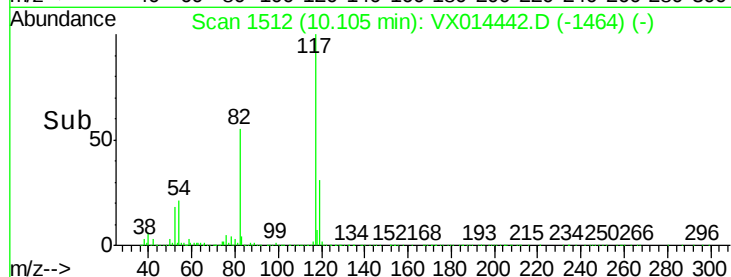
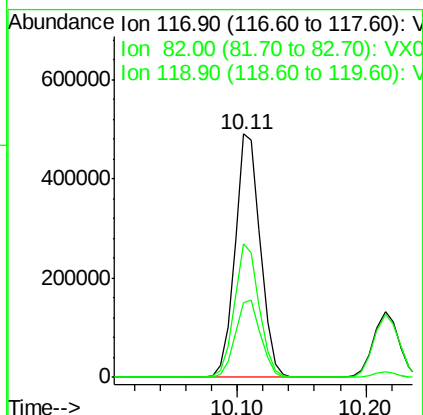
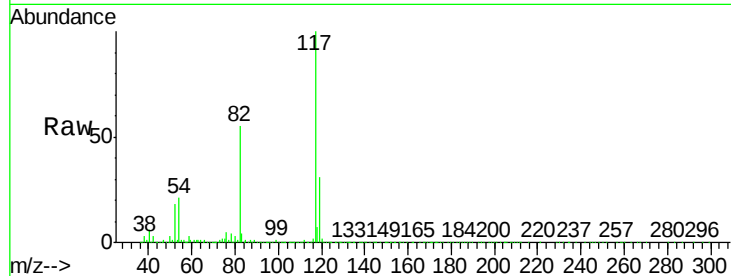
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.7	42.2	63.4
119	30.6	25.1	37.7

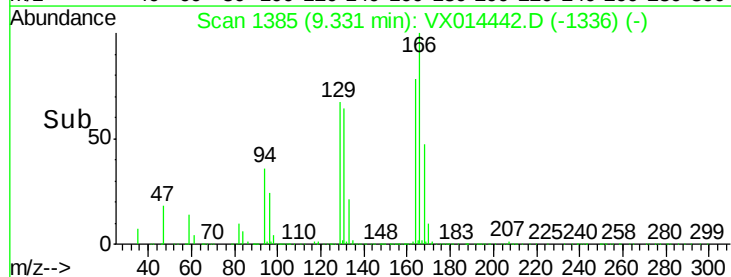
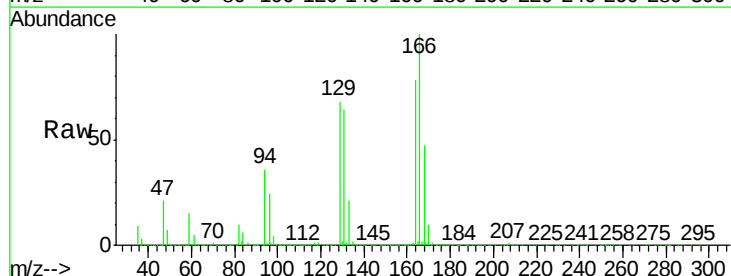
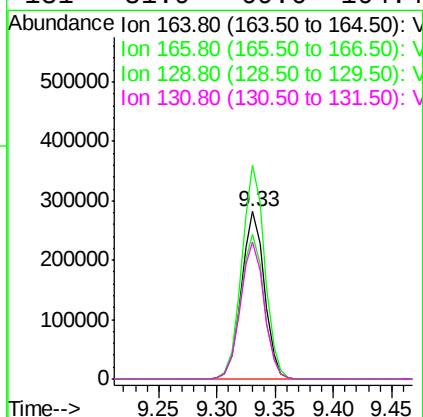
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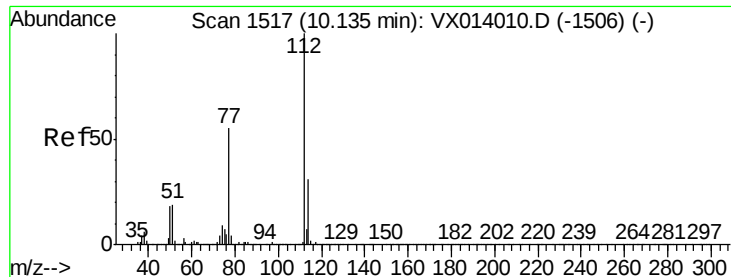
apatel
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#64
Tetrachloroethene
Concen: 66.167 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.8	104.0	156.0
129	86.2	72.2	108.4
131	81.9	69.6	104.4





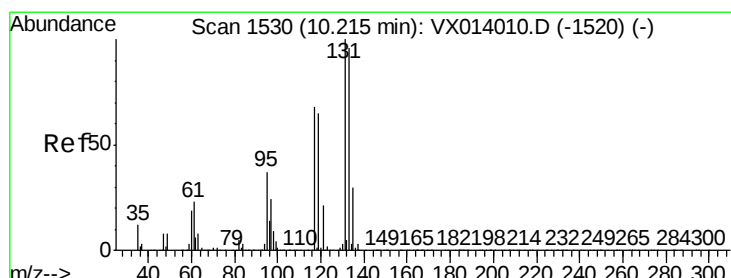
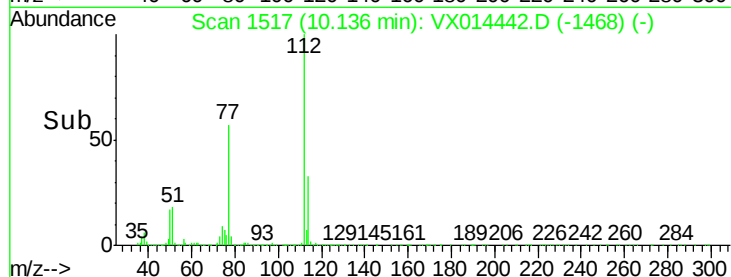
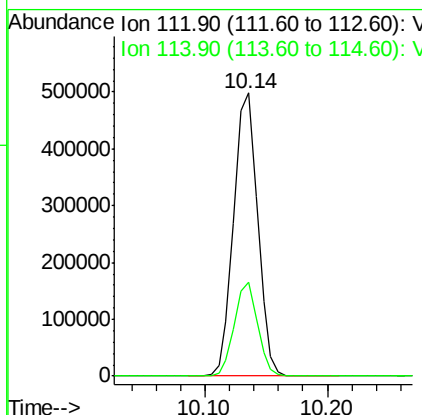
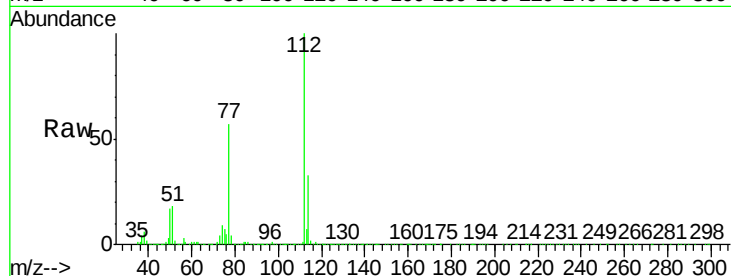
#65
Chlorobenzene
Concen: 47.759 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.2	24.9	37.3

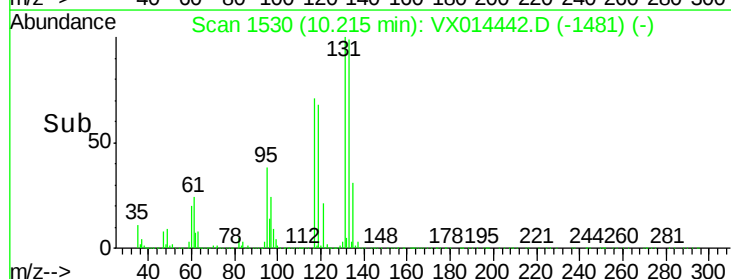
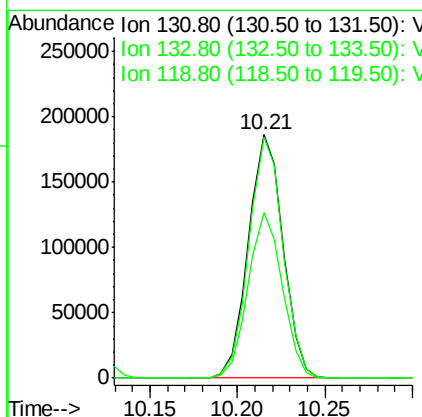
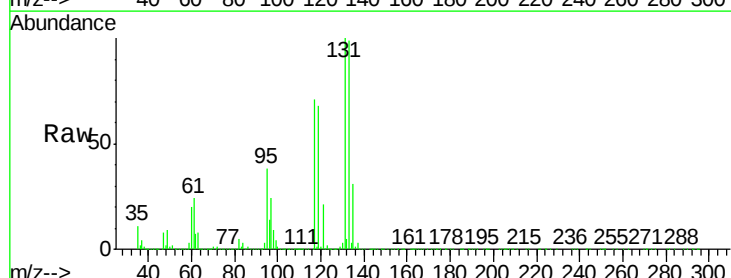
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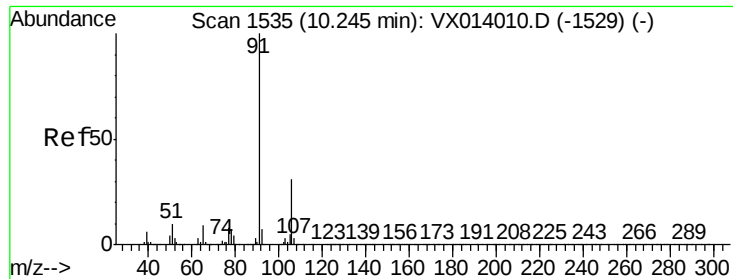
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.549 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.9	48.0	144.0
119	67.5	33.4	100.2





#67

Ethyl Benzene

Concen: 48.727 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1185767

Ion Ratio Lower Upper

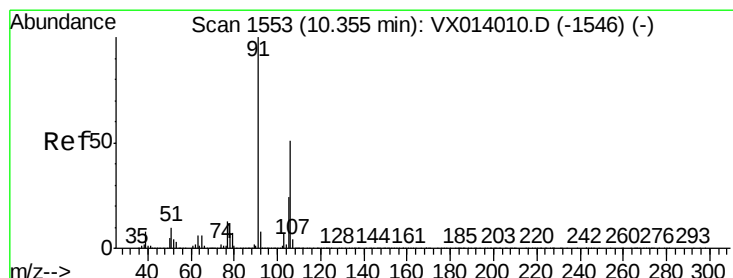
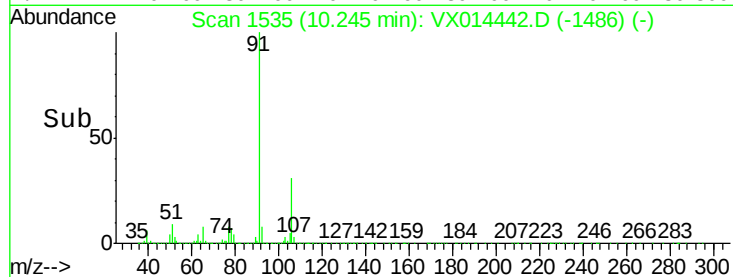
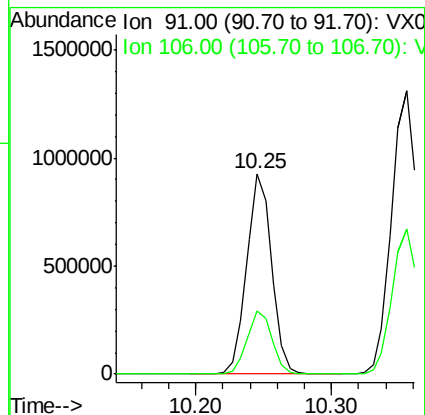
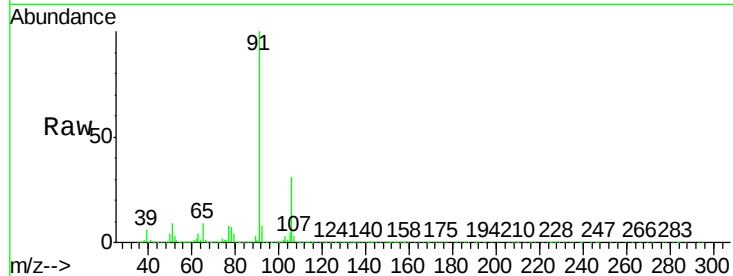
91 100

106 31.3 25.0 37.6

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#68

m/p-Xylenes

Concen: 95.650 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014442.D

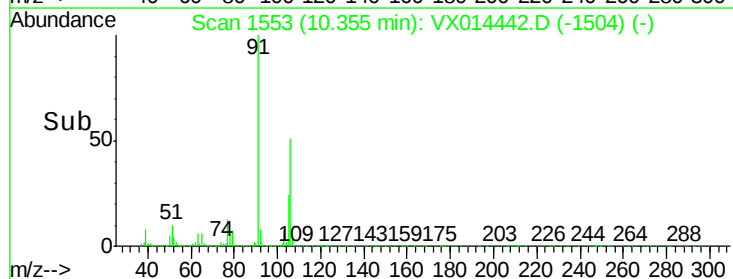
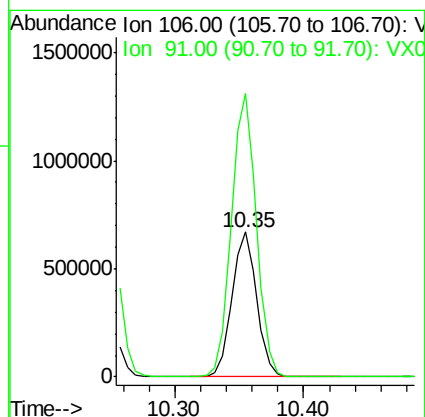
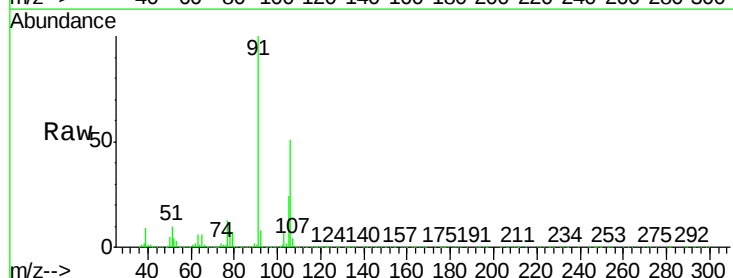
Acq: 06 Jan 2020 20:58

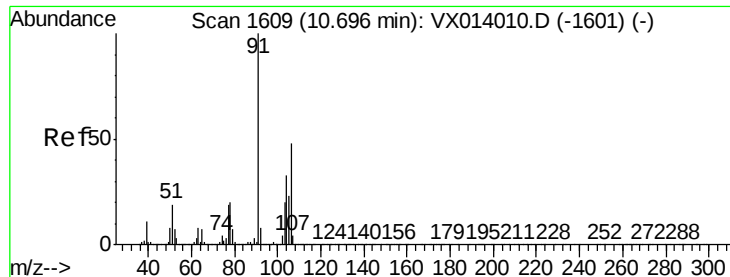
Tgt Ion: 106 Resp: 895235

Ion Ratio Lower Upper

106 100

91 198.4 158.6 238.0





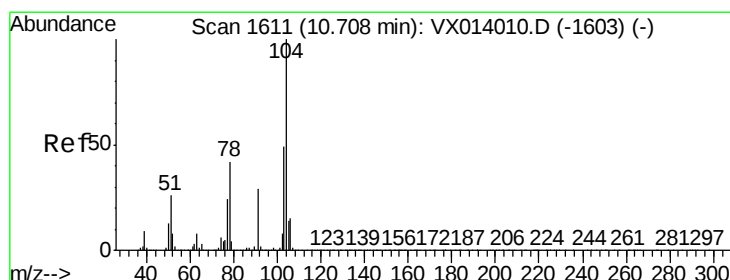
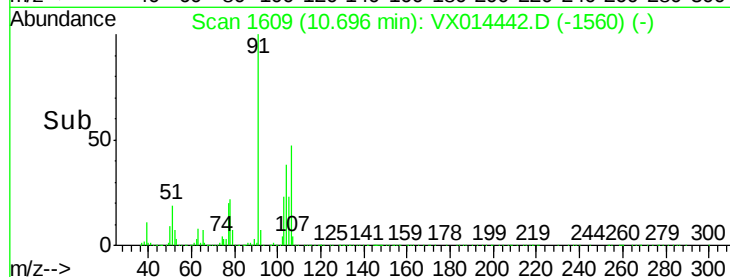
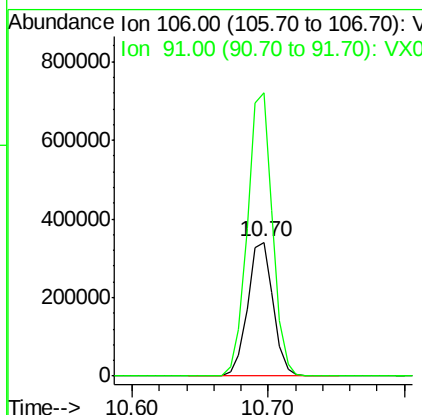
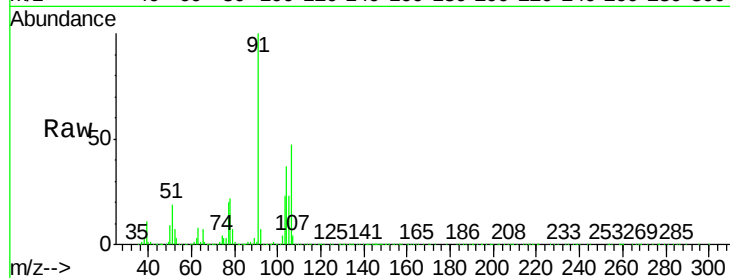
#69
o-Xylene
Concen: 48.241 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	442823		
91	209.8	104.2	312.6	

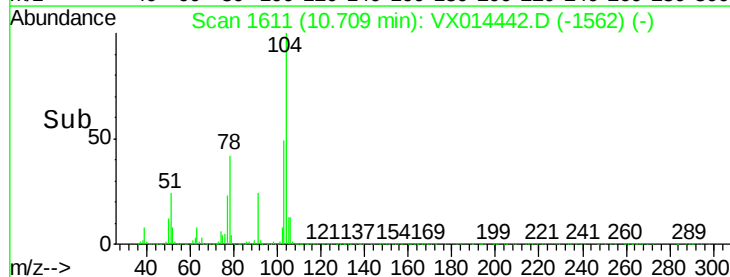
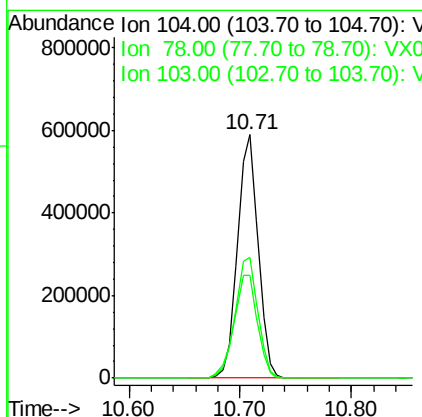
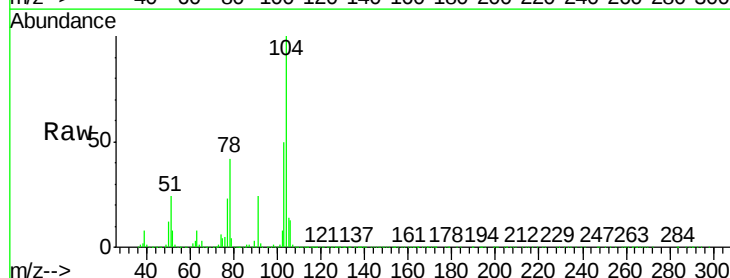
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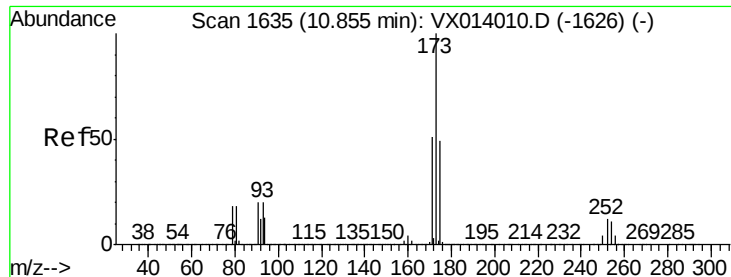
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#70
Styrene
Concen: 48.705 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	755999		
78	48.4	38.5	57.7	
103	54.7	42.9	64.3	





#71

Bromoform

Concen: 53.704 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

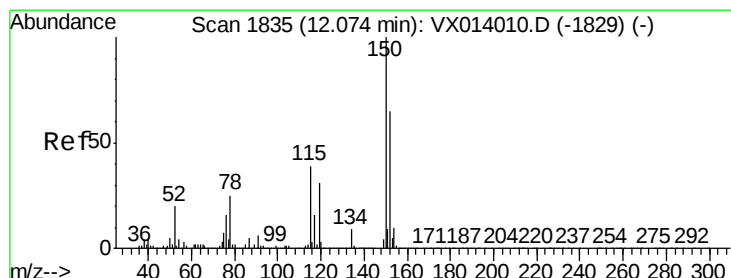
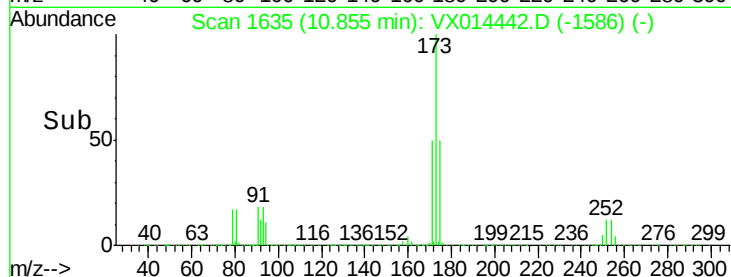
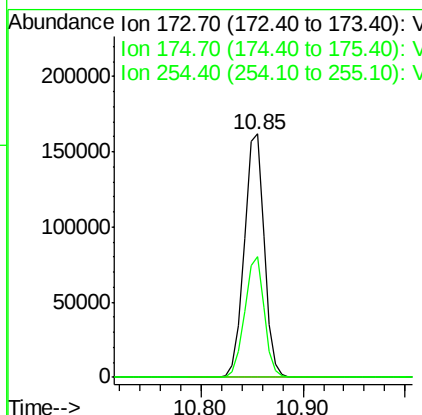
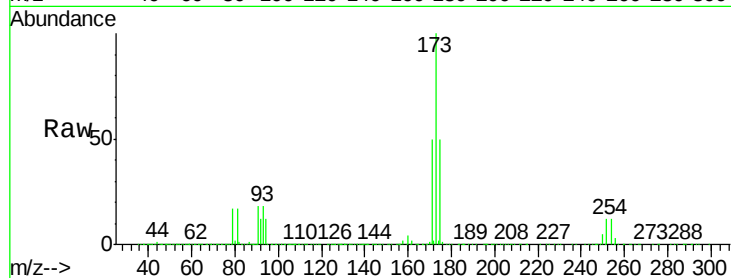
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	218173
Ion Ratio	Lower	Upper	
173	100		
175	49.0	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

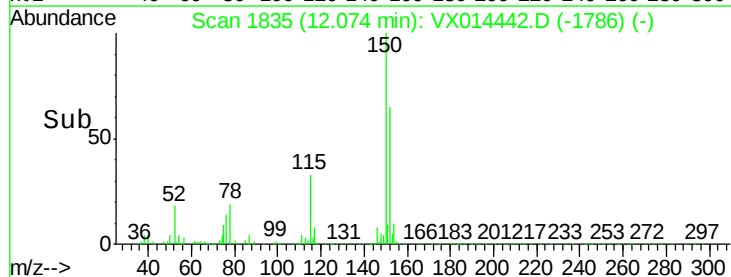
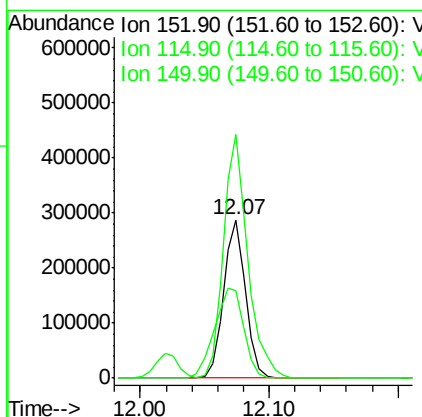
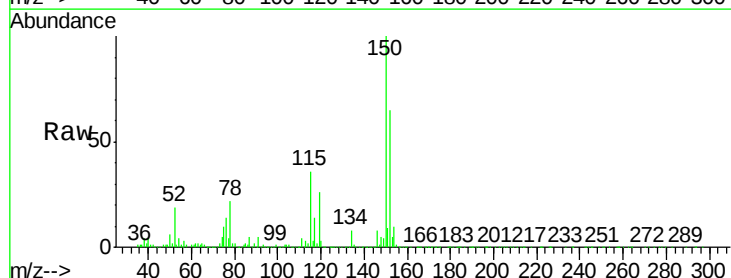
RT: 12.07 min Scan# 1835

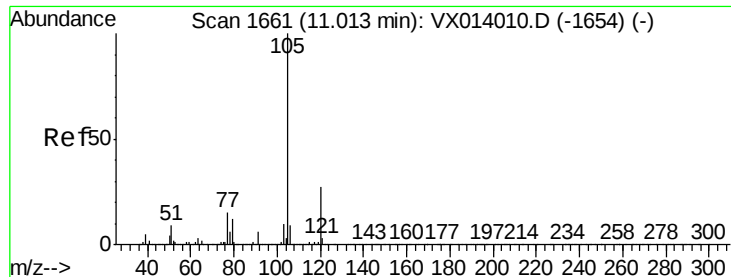
Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	152	Resp:	341711
Ion Ratio	Lower	Upper	
152	100		
115	75.8	38.3	114.9
150	171.2	0.0	345.4





#73

Isopropylbenzene

Concen: 48.776 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1173497

Ion Ratio Lower Upper

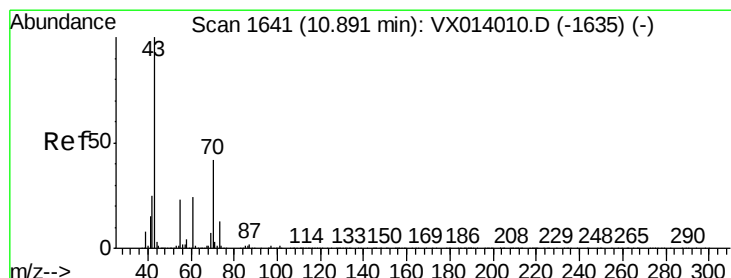
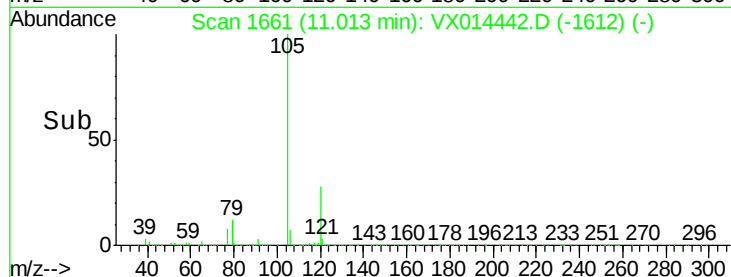
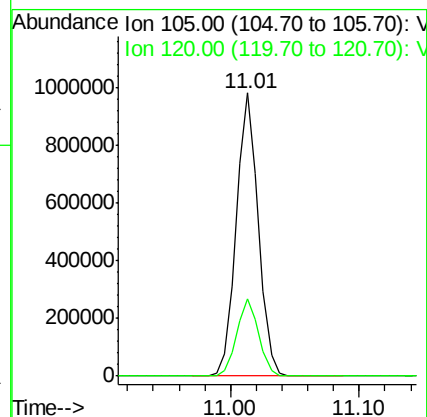
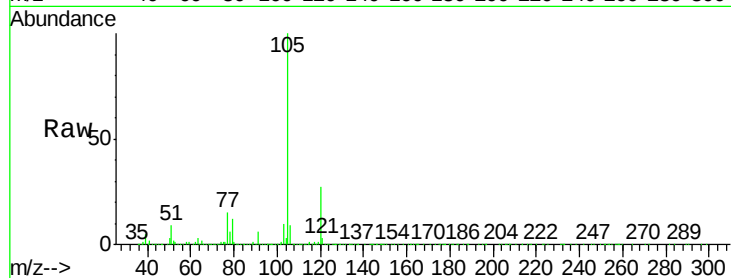
105 100

120 27.4 13.5 40.4

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#74

N-ethyl acetate

Concen: 49.184 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion: 43 Resp: 554674

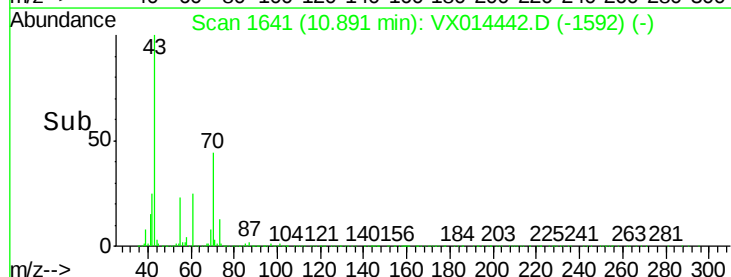
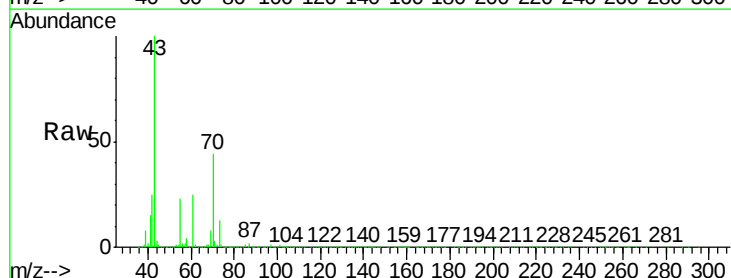
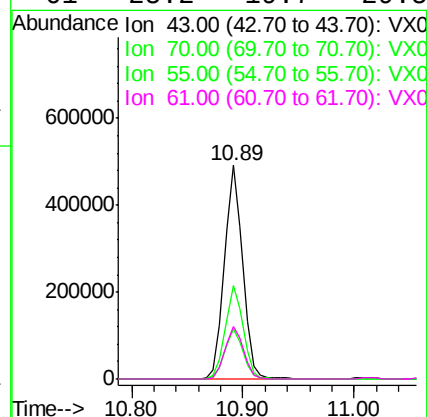
Ion Ratio Lower Upper

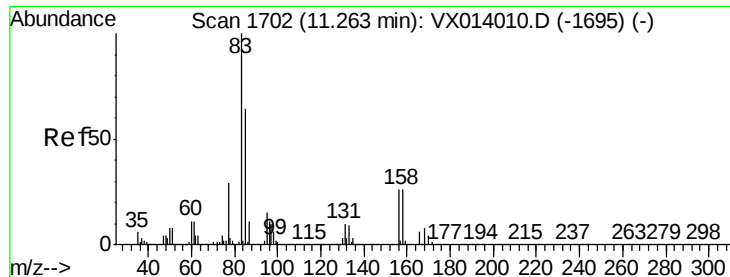
43 100

70 43.5 34.4 51.6

55 23.7 19.1 28.7

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 44.336 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

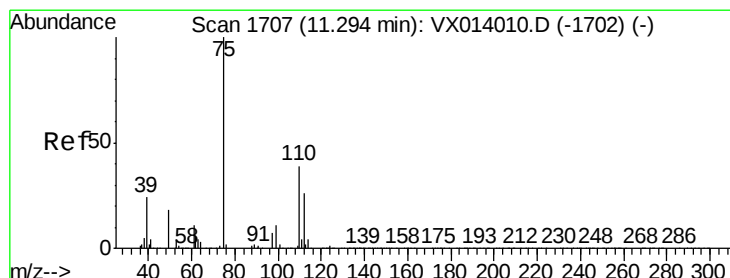
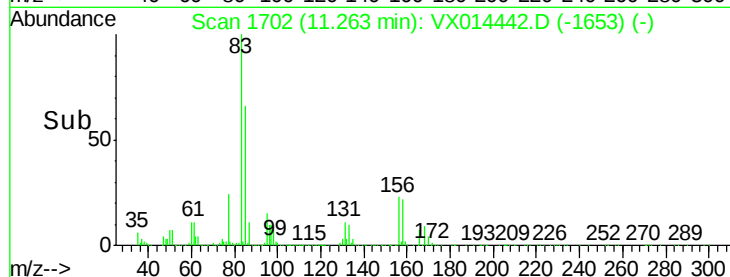
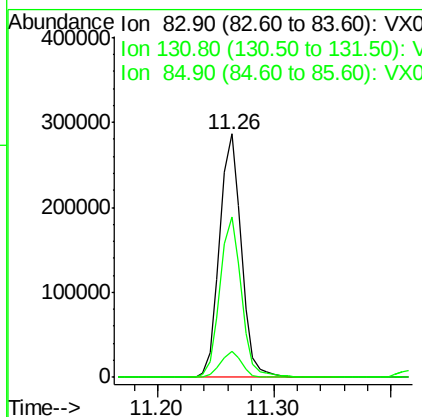
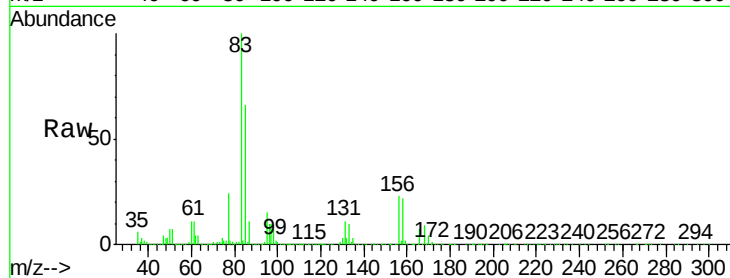
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	369809
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.2
85	65.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 45.101 ug/l m

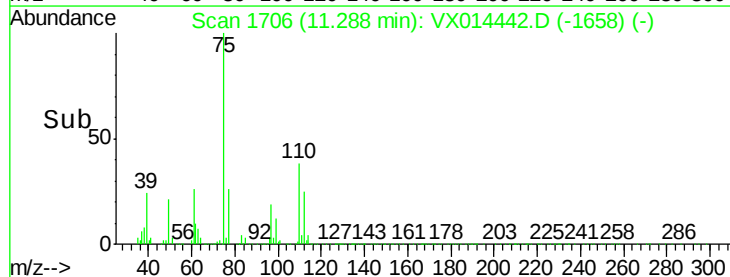
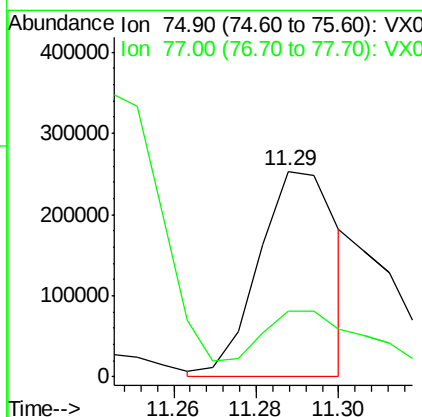
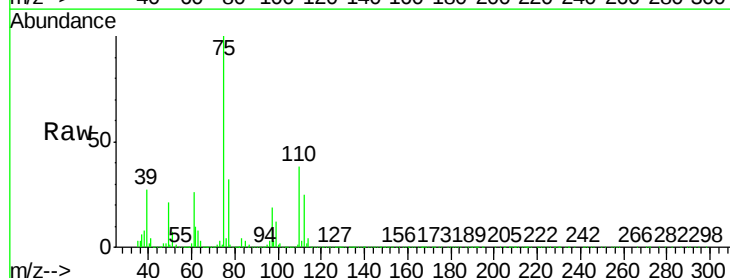
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	75	Resp:	334583
Ion Ratio	Lower	Upper	
75	100		
77	46.1	19.3	57.8





#77

Bromobenzene

Concen: 47.315 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

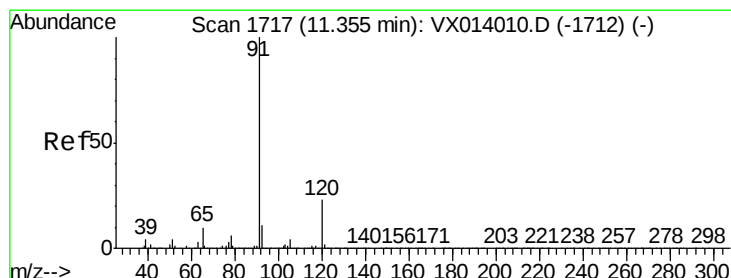
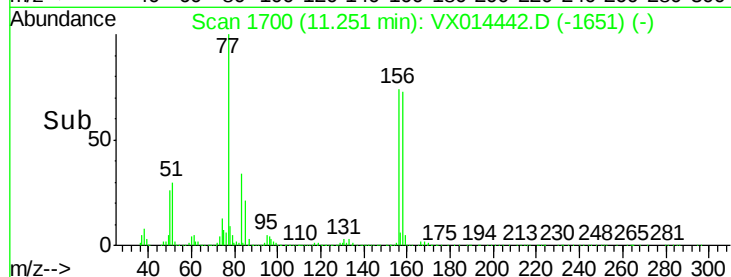
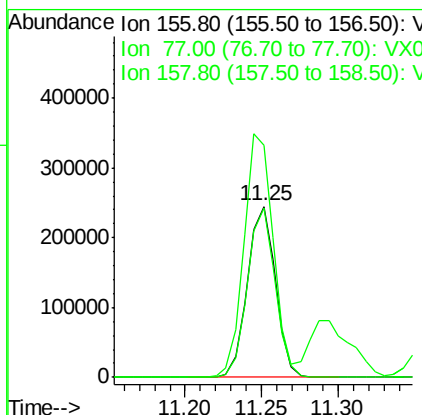
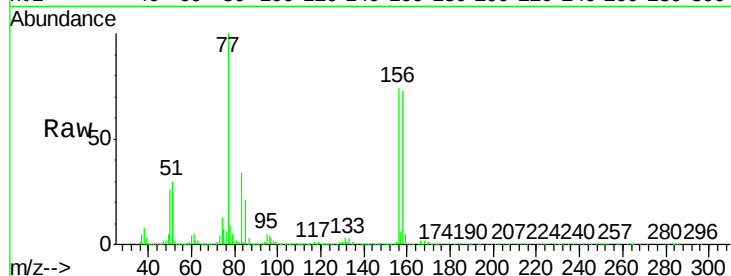
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	313200
Ion Ratio	Lower	Upper	
156	100		
77	146.8	76.5	229.5
158	97.5	49.3	147.9

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#78

n-propylbenzene

Concen: 48.629 ug/l

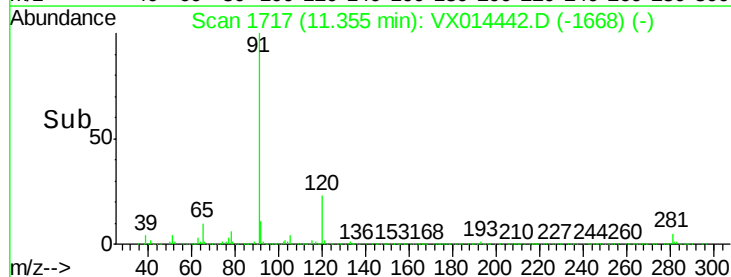
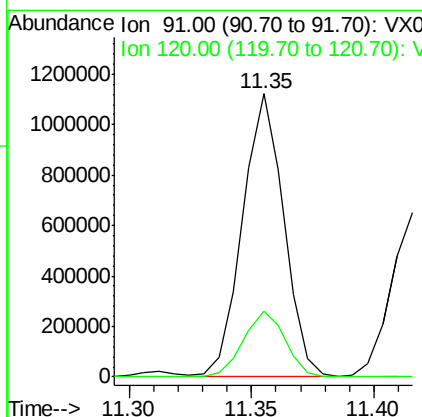
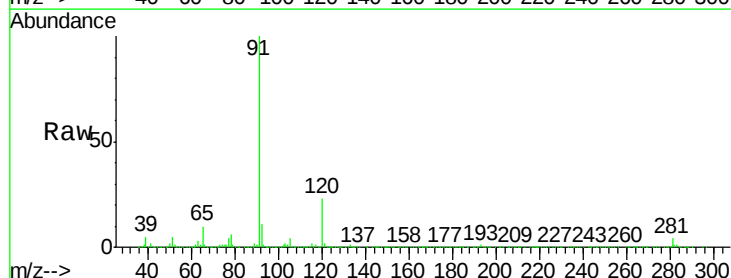
RT: 11.35 min Scan# 1717

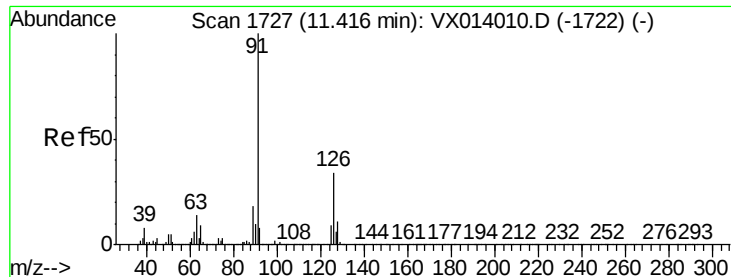
Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	91	Resp:	1312327
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





#79

2-Chlorotoluene

Concen: 47.828 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 784582

Ion Ratio Lower Upper

91 100

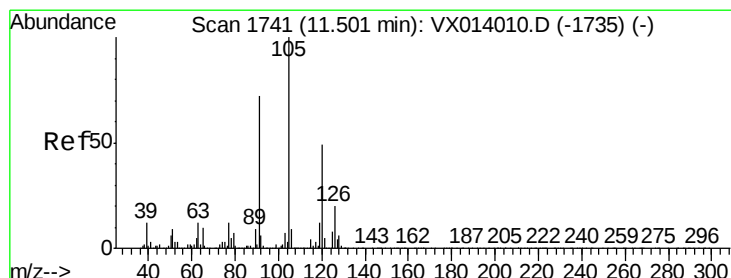
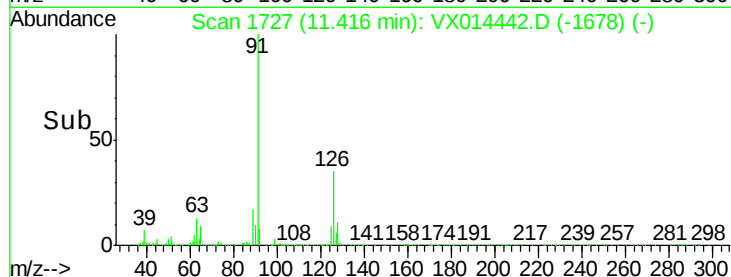
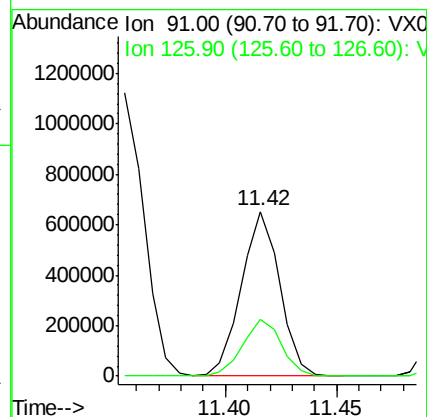
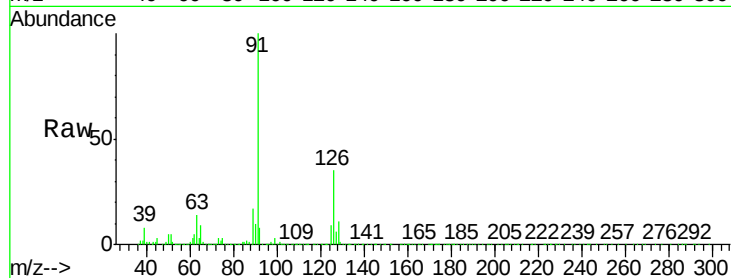
126 35.1 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 48.500 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014442.D

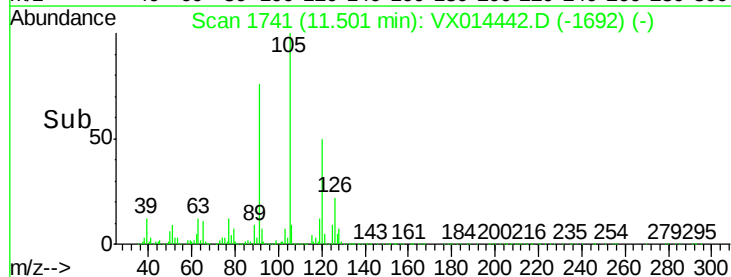
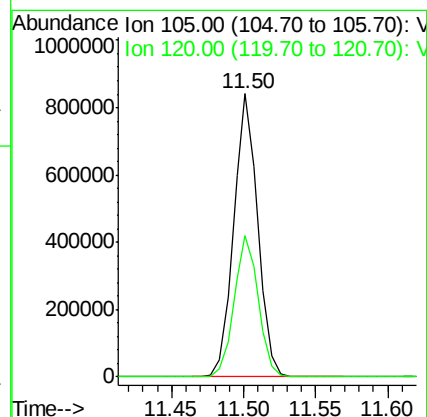
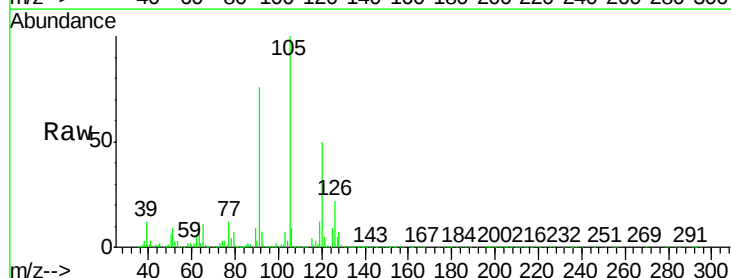
Acq: 06 Jan 2020 20:58

Tgt Ion: 105 Resp: 982036

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.599 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

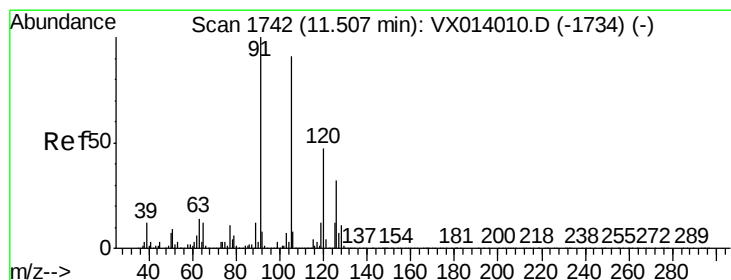
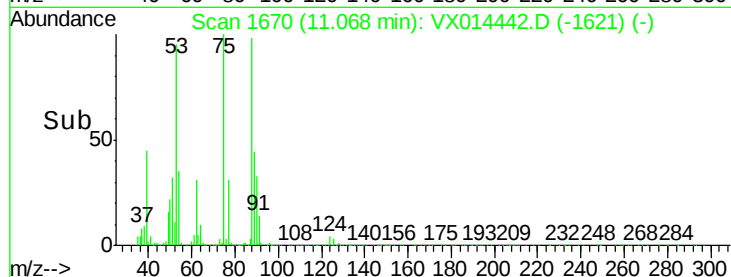
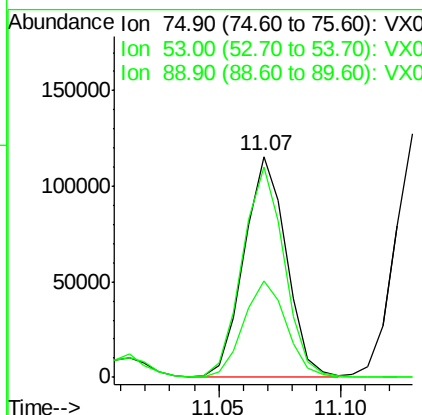
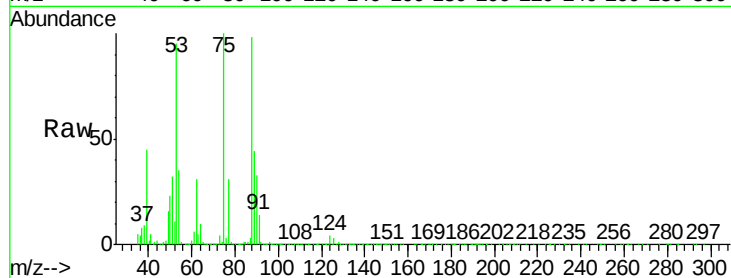
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	138248
Ion Ratio	Lower	Upper	
75	100		
53	94.5	76.7	115.1
89	44.8	34.6	51.8

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#82

4-Chlorotoluene

Concen: 47.029 ug/l

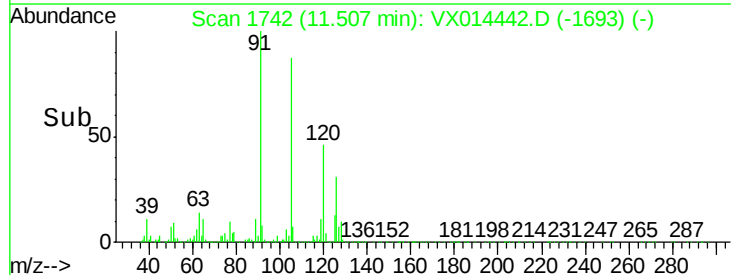
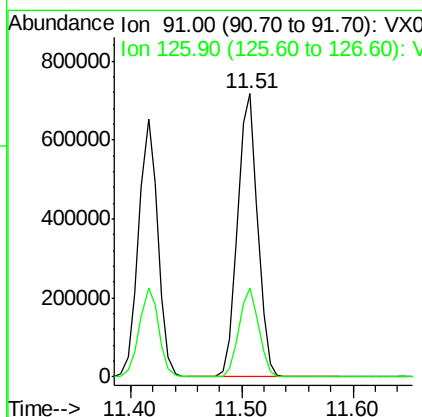
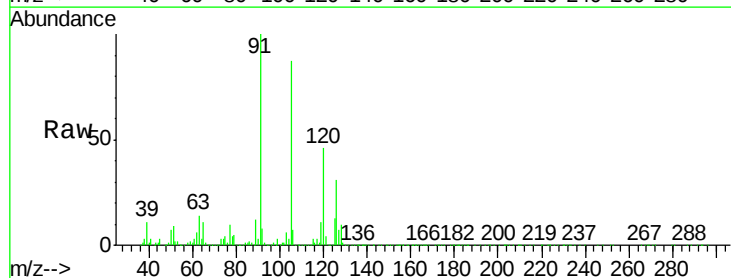
RT: 11.51 min Scan# 1742

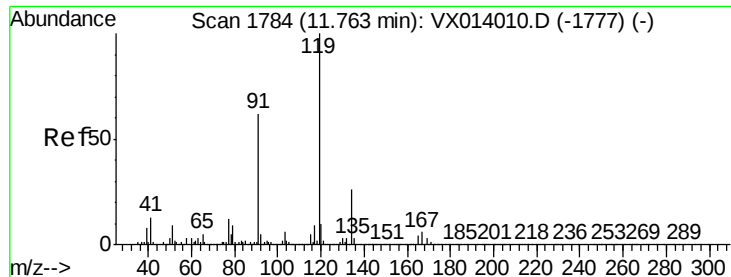
Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	91	Resp:	894897
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.6	46.8





#83

tert-Butylbenzene

Concen: 43.610 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

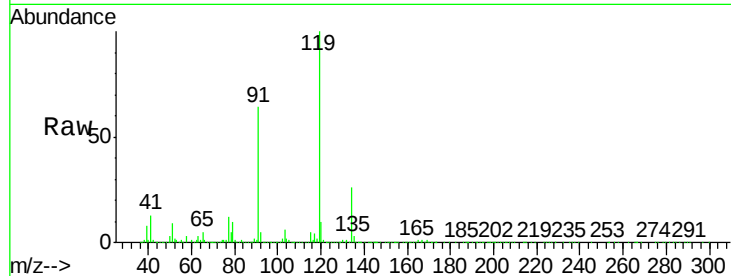
ClientSampleId :

VSTDCCC050EC

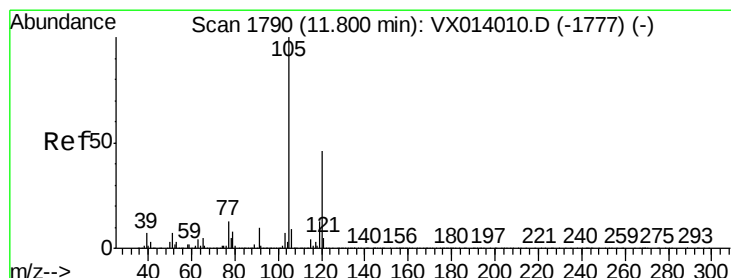
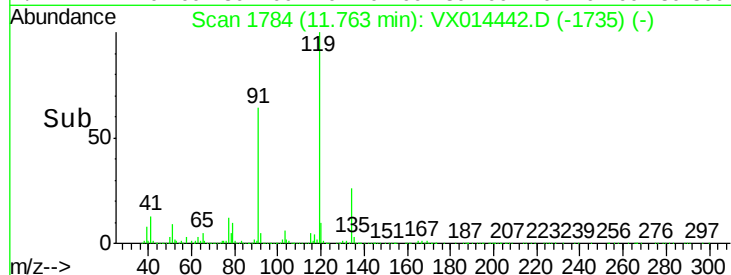
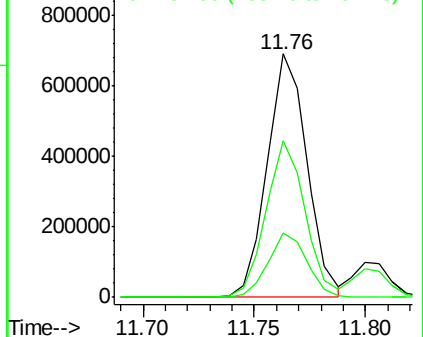
Tgt Ion:	119	Resp:	859326
Ion Ratio	Lower	Upper	
119	100		
91	63.6	28.5	85.6
134	26.0	12.2	36.6

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.678 ug/l

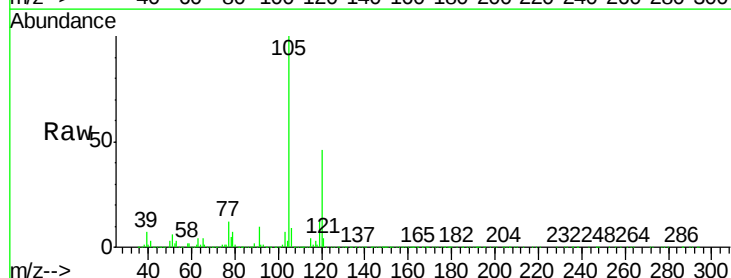
RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

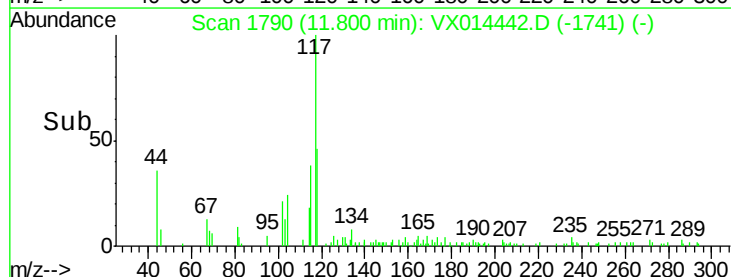
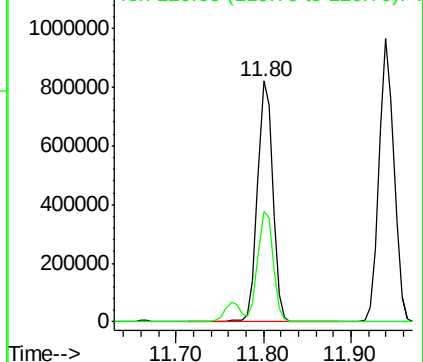
Lab File: VX014442.D

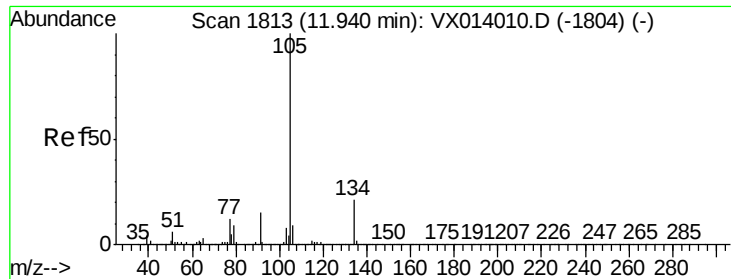
Acq: 06 Jan 2020 20:58

Tgt Ion:	105	Resp:	987062
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.1	69.2



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





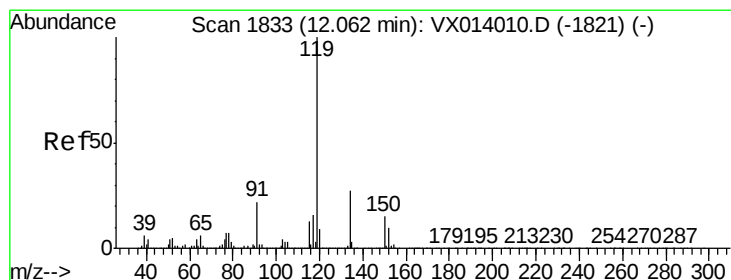
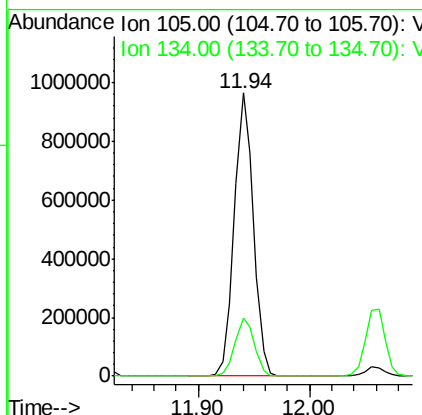
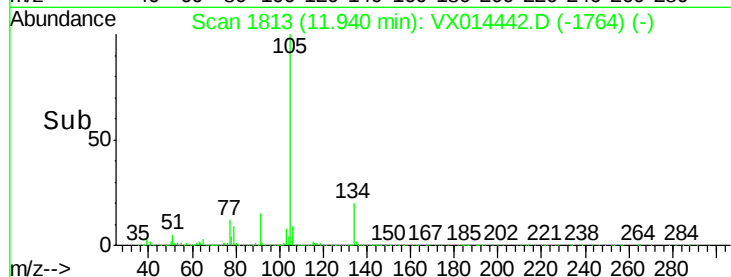
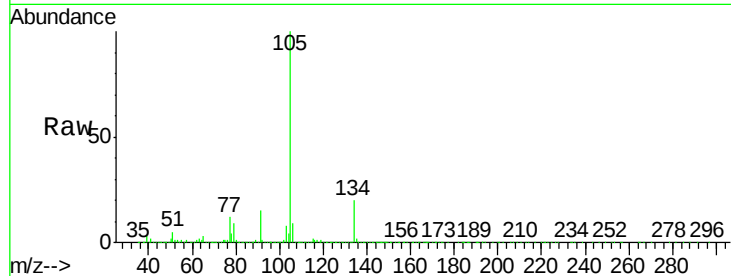
#85
 sec-Butylbenzene
 Concen: 49.017 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1140230
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

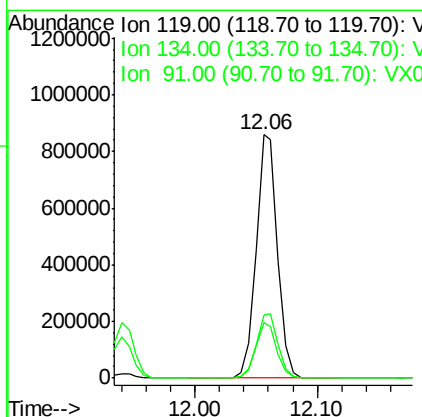
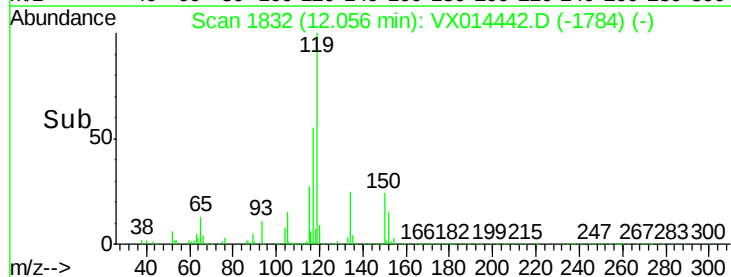
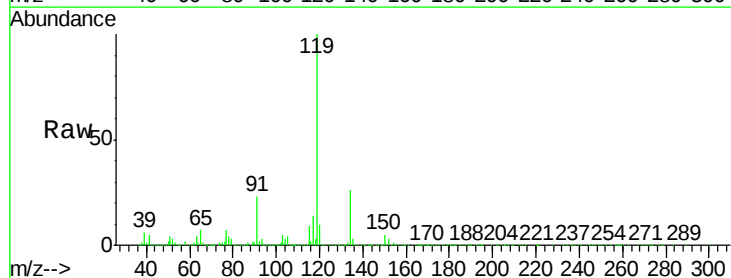
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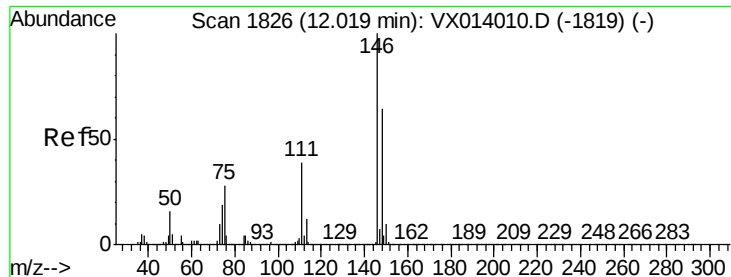
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#86
 p-Isopropyltoluene
 Concen: 49.061 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion:119 Resp: 1043950
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 46.717 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Instrument :

MSVOA_X

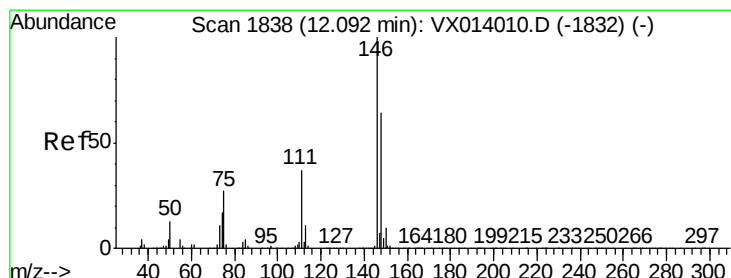
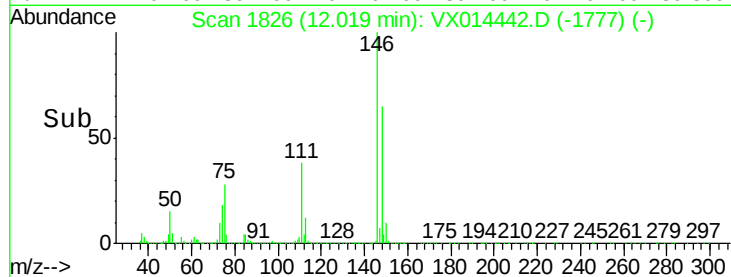
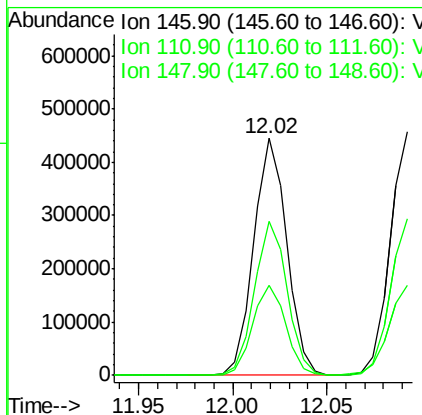
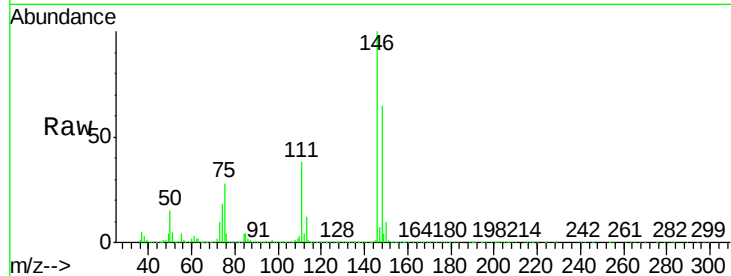
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	541988
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.1	57.1
148	64.3	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 45.999 ug/l

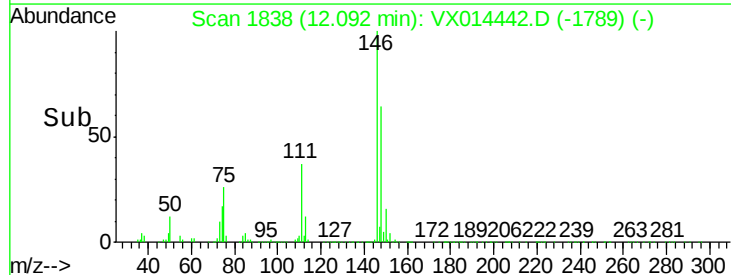
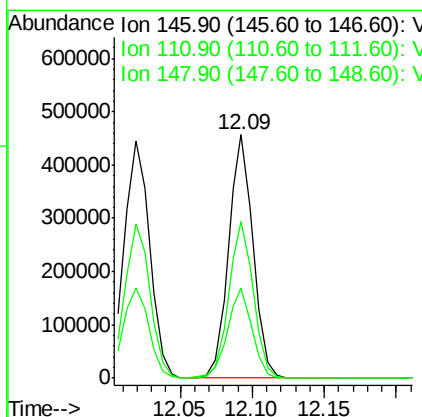
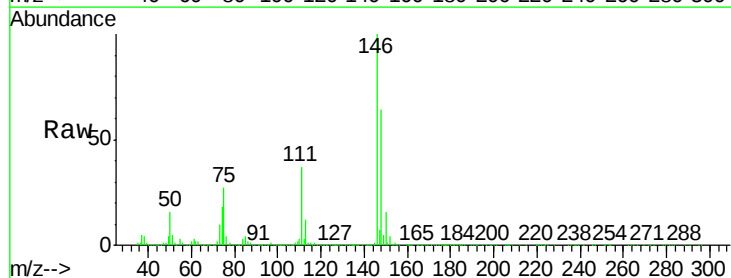
RT: 12.09 min Scan# 1838

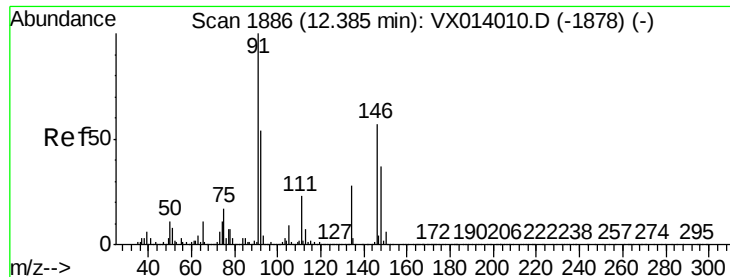
Delta R.T. 0.00 min

Lab File: VX014442.D

Acq: 06 Jan 2020 20:58

Tgt Ion:	146	Resp:	542622
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.7	56.1
148	64.4	31.9	95.9





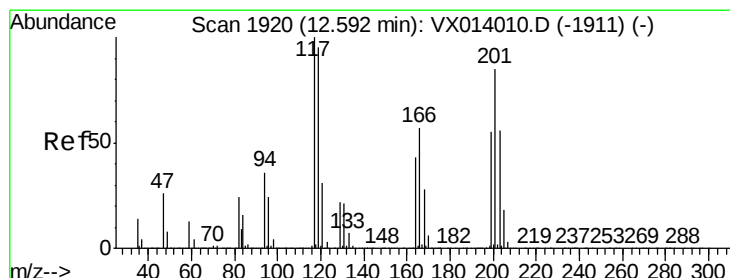
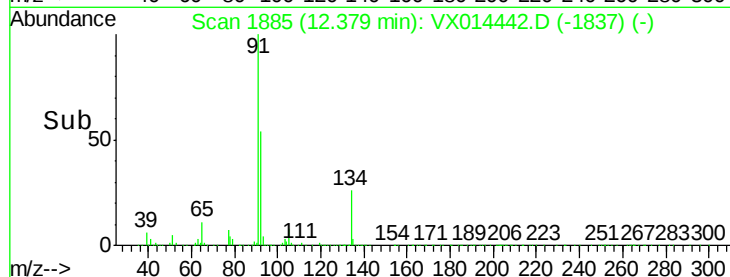
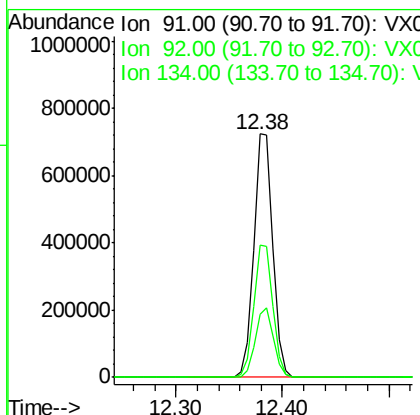
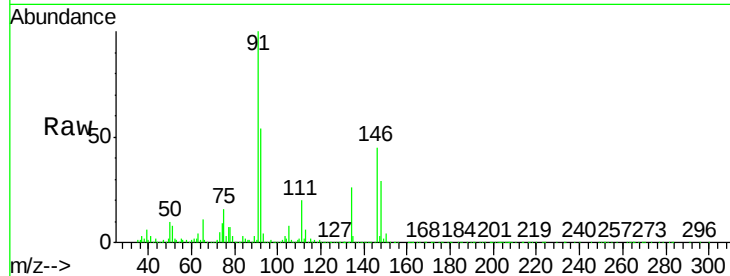
#89
n-Butylbenzene
Concen: 49.572 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
92	54.4	27.2	81.6
134	27.5	13.4	40.1

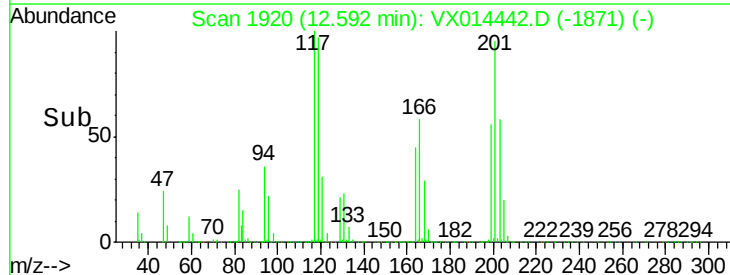
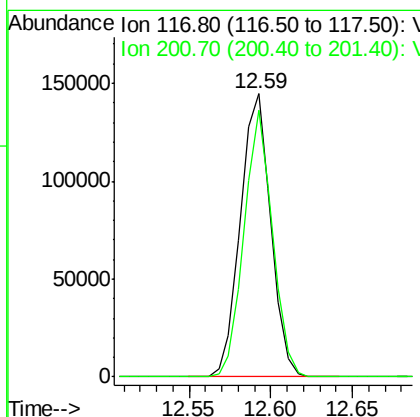
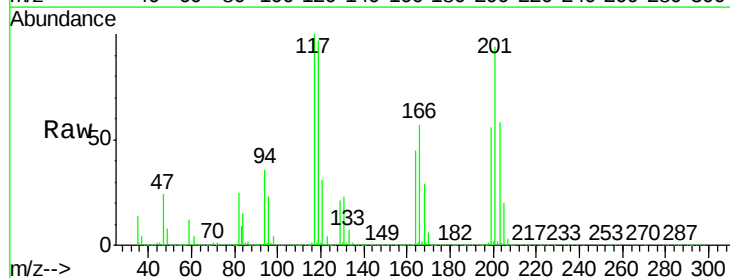
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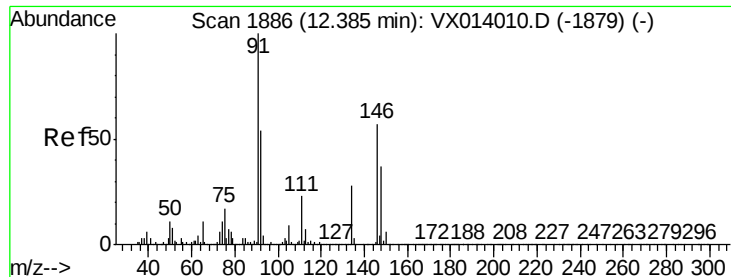
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#90
Hexachloroethane
Concen: 49.174 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
201	88.3	43.1	129.3





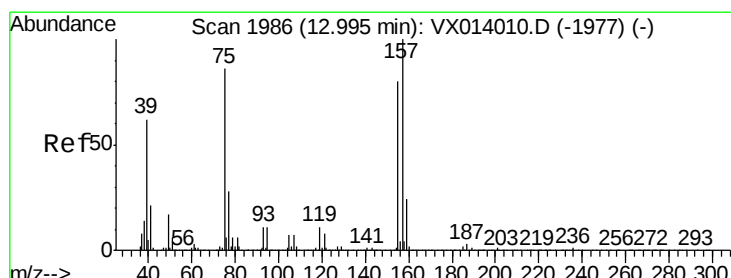
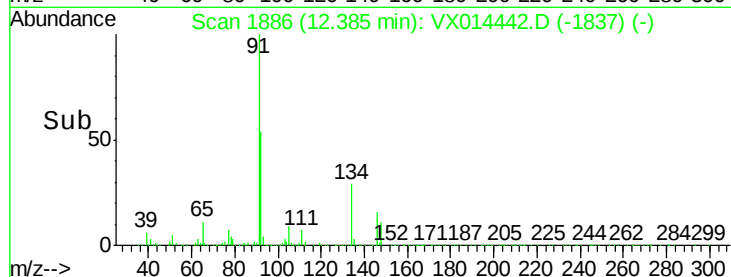
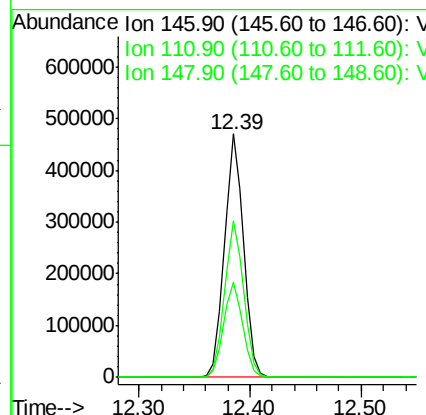
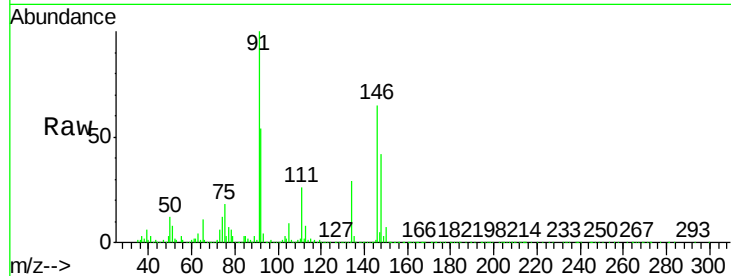
#91
 1,2-Dichlorobenzene
 Concen: 47.565 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	64.2	32.1	96.5

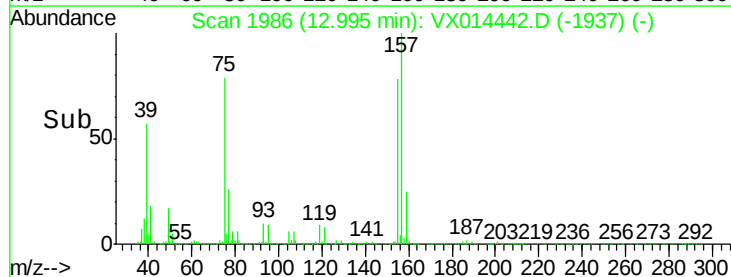
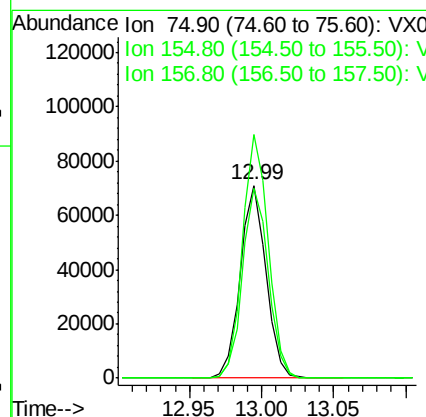
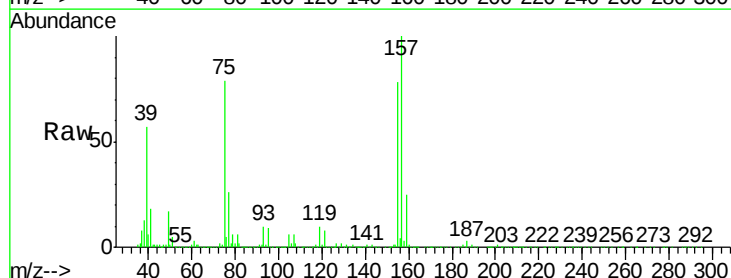
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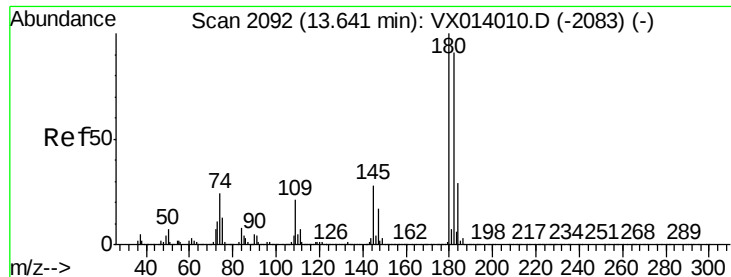
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.740 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	46.9	140.6
157	126.3	60.8	182.4





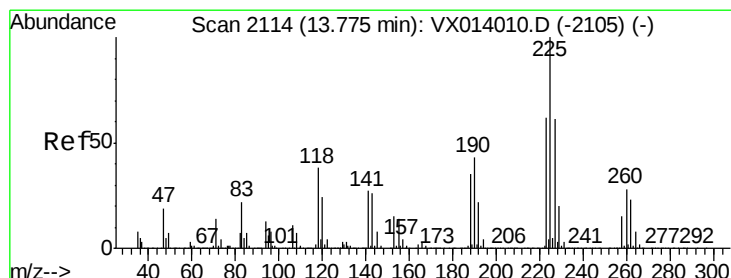
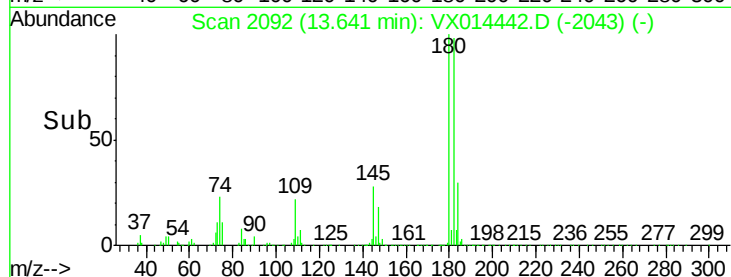
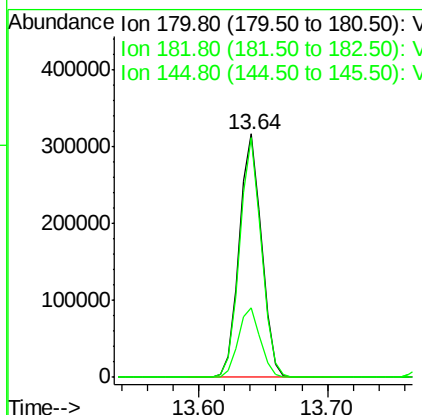
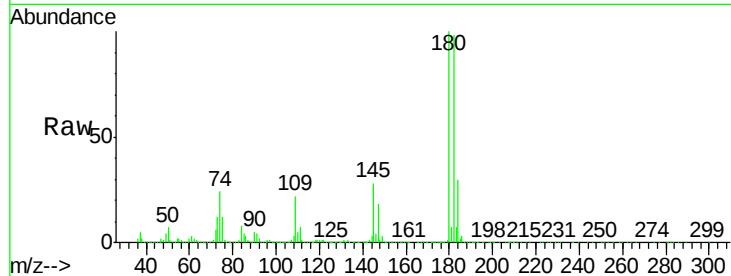
#93
 1,2,4-Trichlorobenzene
 Concen: 50.343 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	382139		
182	95.8	46.6	139.8	
145	28.3	14.2	42.6	

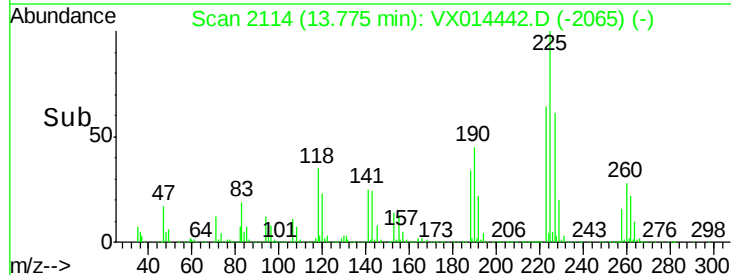
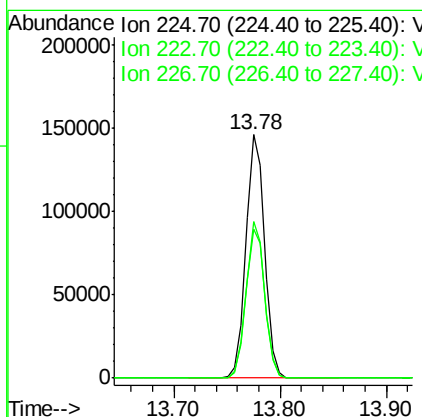
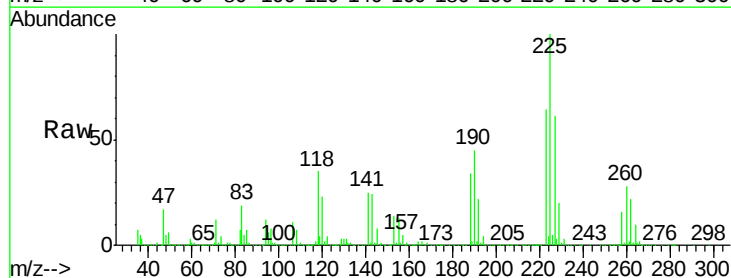
Manual Integrations
 APPROVED

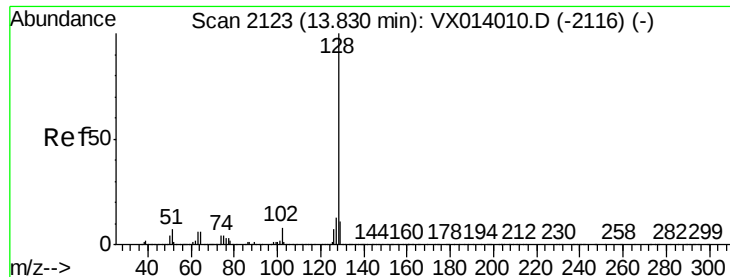
apatel
 1/7/2020 9:09:32 AM



#94
 Hexachlorobutadiene
 Concen: 49.063 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014442.D
 Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178983		
223	63.5	30.9	92.5	
227	62.6	30.9	92.7	





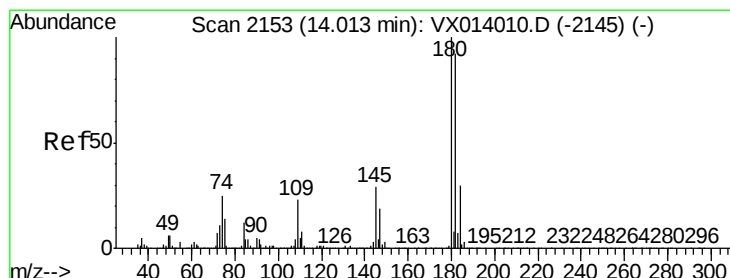
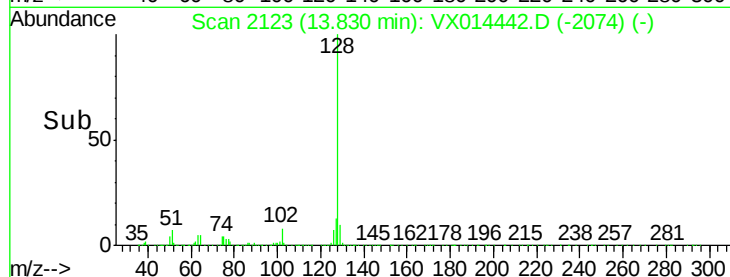
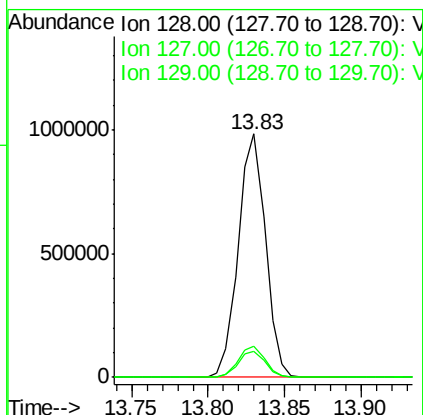
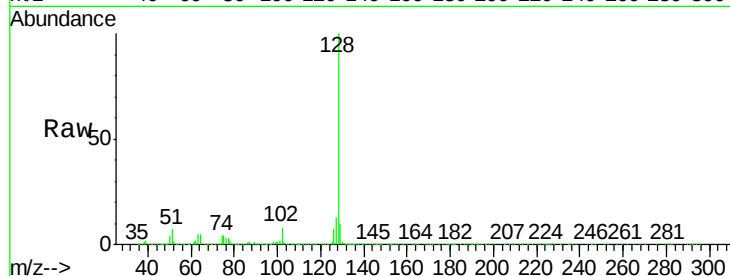
#95
Naphthalene
Concen: 54.278 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.976 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014442.D
Acq: 06 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.8	140.3
145	29.6	14.8	44.4

