

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015612.D
 Acq On : 10 Apr 2020 11:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 11 00:28:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1187266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1791431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1638680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	884210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	777169	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.47	113	570382	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.70	98	2086337	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	864402	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	465169	44.471	ug/l 98
3) Chloromethane	1.31	50	564260	42.359	ug/l 98
4) Vinyl Chloride	1.39	62	548291	44.826	ug/l 99
5) Bromomethane	1.62	94	299399	53.700	ug/l 97
6) Chloroethane	1.71	64	351146	46.289	ug/l 99
7) Trichlorofluoromethane	1.92	101	785313	47.875	ug/l 97
8) Diethyl Ether	2.17	74	322557	46.621	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519369	48.569	ug/l 99
10) Methyl Iodide	2.49	142	695968	48.273	ug/l 100
11) Tert butyl alcohol	3.01	59	674522	168.293	ug/l 99
12) 1,1-Dichloroethene	2.36	96	495375	44.194	ug/l 97
13) Acrolein	2.27	56	395344	173.157	ug/l 99
14) Allyl chloride	2.70	41	1123512	42.897	ug/l 97
15) Acrylonitrile	3.11	53	1598516	209.131	ug/l 100
16) Acetone	2.42	43	1887776	262.407	ug/l 100
17) Carbon Disulfide	2.55	76	1375918	40.239	ug/l 100
18) Methyl Acetate	2.75	43	784311	42.715	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	1949244	44.838	ug/l 99
20) Methylene Chloride	2.83	84	578516	43.052	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	549051	44.136	ug/l 96
22) Diisopropyl ether	3.83	45	2087228	44.974	ug/l 90
23) Vinyl Acetate	3.78	43	9220595	219.434	ug/l 99
24) 1,1-Dichloroethane	3.67	63	1076282	44.046	ug/l 100
25) 2-Butanone	4.63	43	2509253	216.884	ug/l 98
26) 2,2-Dichloropropane	4.55	77	979758	48.848	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	656783	45.634	ug/l 99
28) Bromochloromethane	4.98	49	557928	47.822	ug/l 98
29) Tetrahydrofuran	5.09	42	1487016	199.927	ug/l 99
30) Chloroform	5.18	83	1063597	45.242	ug/l 97
31) Cyclohexane	5.55	56	941476	44.414	ug/l 97
32) 1,1,1-Trichloroethane	5.47	97	958942	45.072	ug/l 100
36) 1,1-Dichloropropene	5.77	75	788634	47.779	ug/l 99
37) Ethyl Acetate	4.80	43	928461	43.200	ug/l 100
38) Carbon Tetrachloride	5.75	117	843234	47.167	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	937915	49.282	ug/l	99
40) Benzene	6.11	78	2296768	47.502	ug/l	97
41) Methacrylonitrile	5.00	41	539670	45.234	ug/l	99
42) 1,2-Dichloroethane	6.16	62	939613	48.380	ug/l	100
43) Isopropyl Acetate	6.41	43	1611940	44.430	ug/l	99
44) Trichloroethene	7.19	130	647716	49.120	ug/l	97
45) 1,2-Dichloropropane	7.49	63	625219	47.269	ug/l	98
46) Dibromomethane	7.64	93	404589	46.630	ug/l	95
47) Bromodichloromethane	7.87	83	880966	47.651	ug/l	99
48) Methyl methacrylate	7.75	41	818115	45.145	ug/l	99
49) 1,4-Dioxane	7.72	88	262829	777.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4611606	224.288	ug/l	100
52) Toluene	8.76	92	1469695	49.303	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1012603	46.700	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1067334	48.323	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	595954	48.796	ug/l	98
56) Ethyl methacrylate	9.16	69	993741	46.169	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1031258	46.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2556762	244.214	ug/l	99
59) 2-Hexanone	9.47	43	3593254	231.477	ug/l	99
60) Dibromochloromethane	9.57	129	706004	48.107	ug/l	99
61) 1,2-Dibromoethane	9.65	107	638786	48.102	ug/l	99
64) Tetrachloroethene	9.32	164	621086	50.222	ug/l	94
65) Chlorobenzene	10.12	112	1613396	49.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	646097	49.487	ug/l	100
67) Ethyl Benzene	10.24	91	2874186	49.588	ug/l	100
68) m/p-Xylenes	10.34	106	2183537	101.170	ug/l	99
69) o-Xylene	10.68	106	1060312	49.716	ug/l	99
70) Styrene	10.70	104	1843660	49.126	ug/l	100
71) Bromoform	10.84	173	569603	47.925	ug/l #	99
73) Isopropylbenzene	11.00	105	2868375	49.510	ug/l	100
74) N-amyl acetate	10.88	43	1420676	44.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	899129	45.228	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1108592	60.968	ug/l	83
77) Bromobenzene	11.24	156	763751	49.423	ug/l	97
78) n-propylbenzene	11.34	91	3271511	49.383	ug/l	99
79) 2-Chlorotoluene	11.40	91	1956414	48.182	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2424457	49.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	337069	44.480	ug/l	98
82) 4-Chlorotoluene	11.50	91	2313701	48.606	ug/l	99
83) tert-Butylbenzene	11.76	119	2406237	49.788	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2459001	48.770	ug/l	99
85) sec-Butylbenzene	11.93	105	2795848	50.019	ug/l	100
86) p-Isopropyltoluene	12.05	119	2730100	52.613	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1388375	50.186	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1417435	50.301	ug/l	97
89) n-Butylbenzene	12.37	91	2399858	51.178	ug/l	98
90) Hexachloroethane	12.58	117	477363	47.265	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1356472	50.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	220643	39.324	ug/l	94

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Response via : Initial Calibration

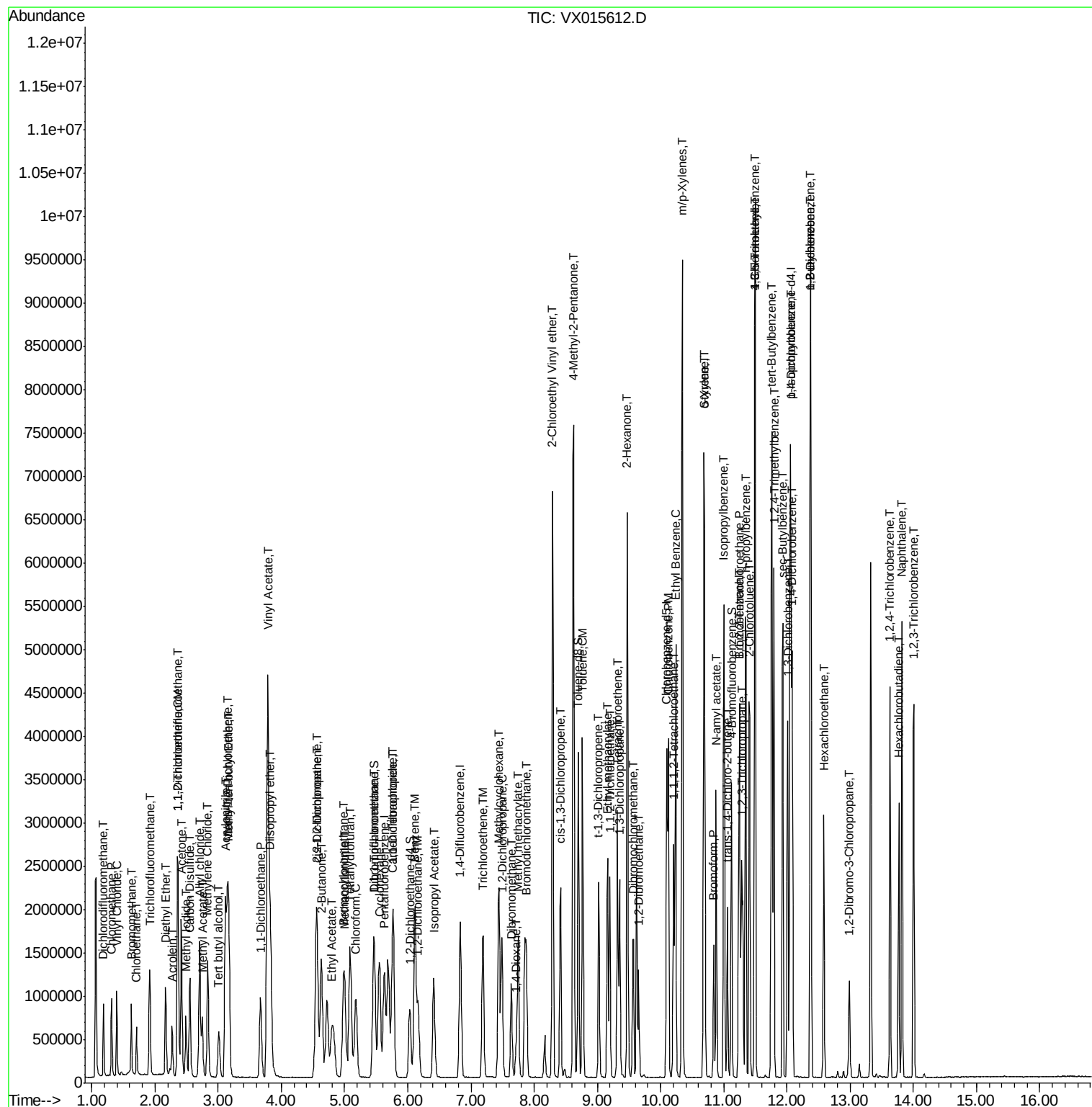
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1097272	51.238	ug/l	98
94) Hexachlorobutadiene	13.77	225	528768	51.860	ug/l	98
95) Naphthalene	13.82	128	3120423	47.768	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1062455	51.529	ug/l	97

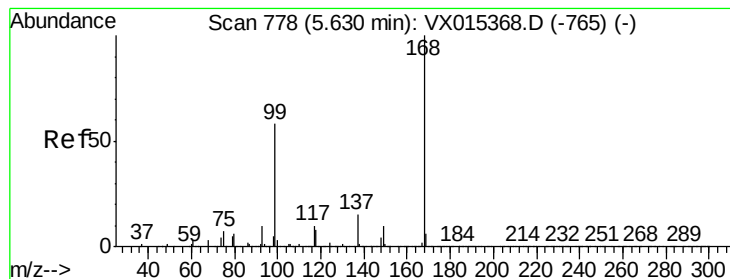
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

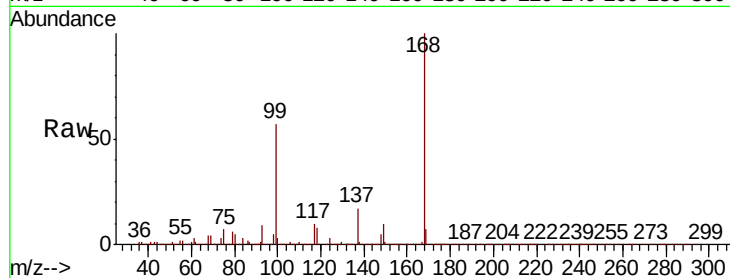
VSTDCCC050

Tot Ion:168 Resp: 1187266

Ion Ratio Lower Upper

168 100

99 56.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

200000

100000

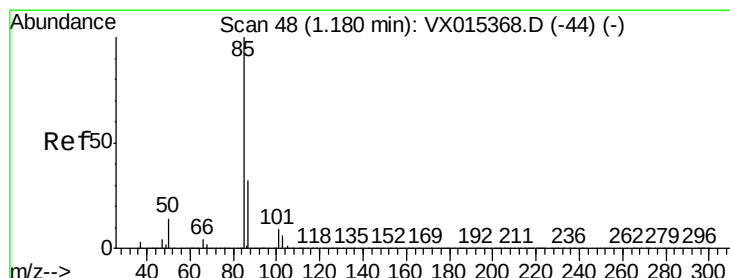
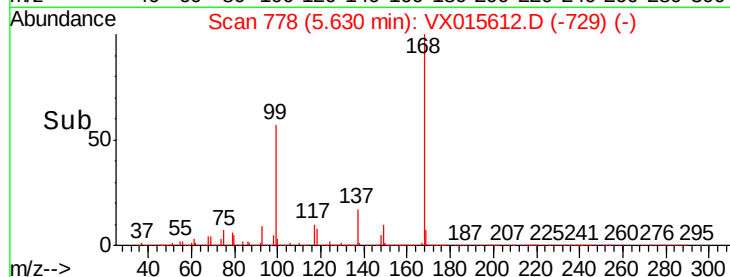
0

Time-->

5.40

5.60

5.80



#2

Dichlorodifluoromethane

Concen: 44.471 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015612.D

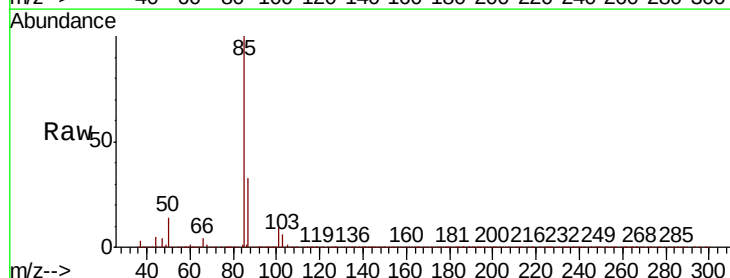
Acq: 10 Apr 2020 11:46

Tgt Ion: 85 Resp: 465169

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

300000

200000

100000

0

Time-->

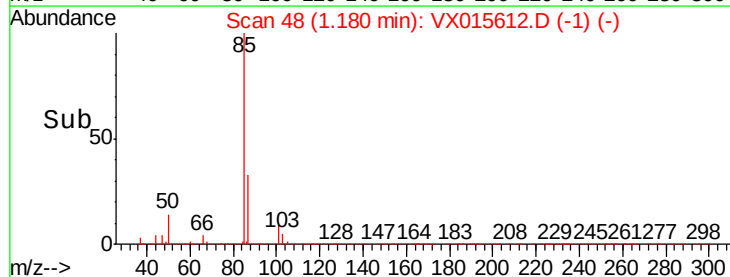
1.10

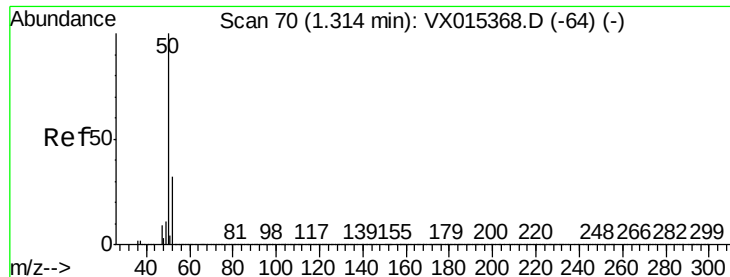
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 42.359 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

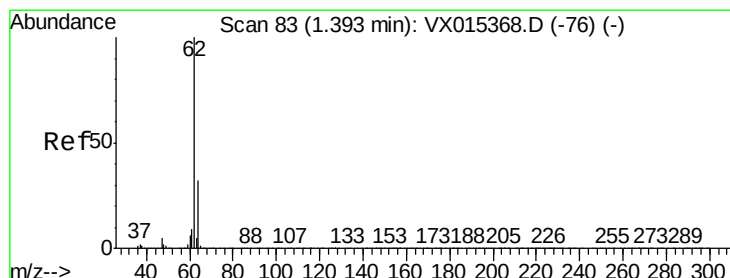
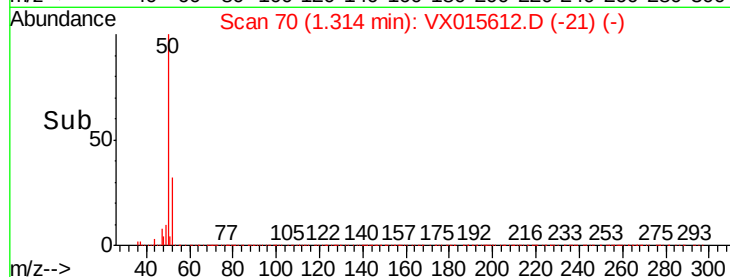
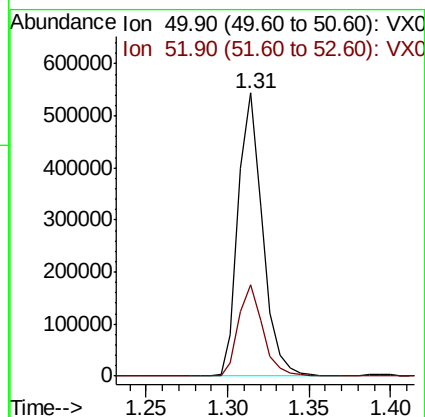
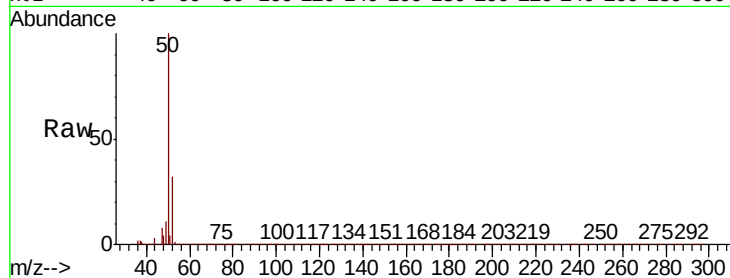
VSTDCCC050

Tot Ion: 50 Resp: 564260

Ion Ratio Lower Upper

50 100

52 32.4 25.3 37.9



#4

Vinyl Chloride

Concen: 44.826 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015612.D

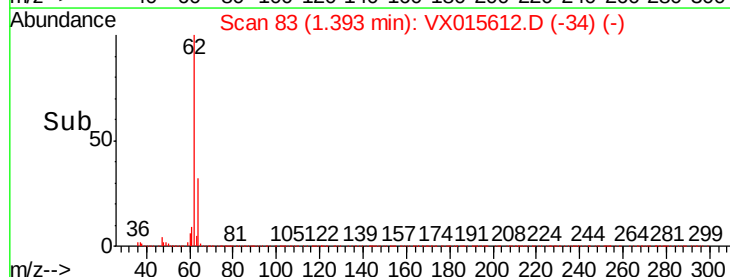
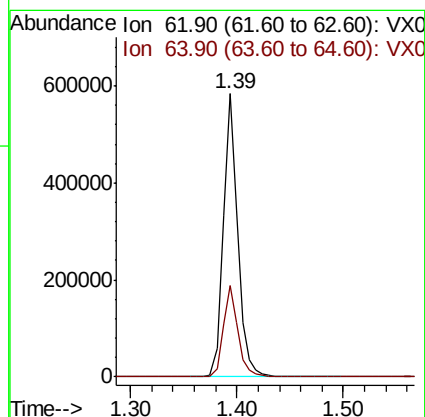
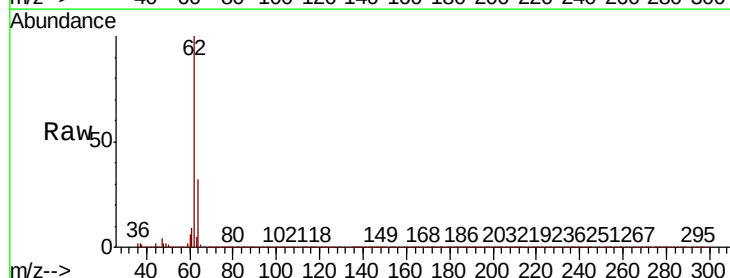
Acq: 10 Apr 2020 11:46

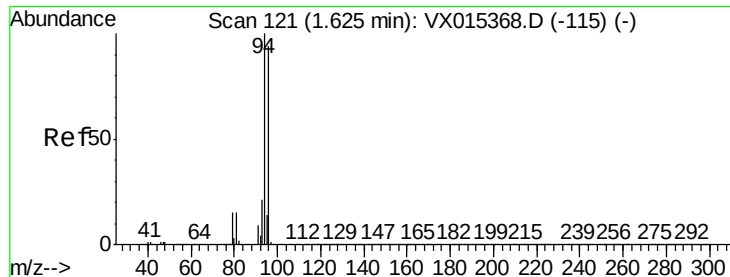
Tgt Ion: 62 Resp: 548291

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 53.700 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

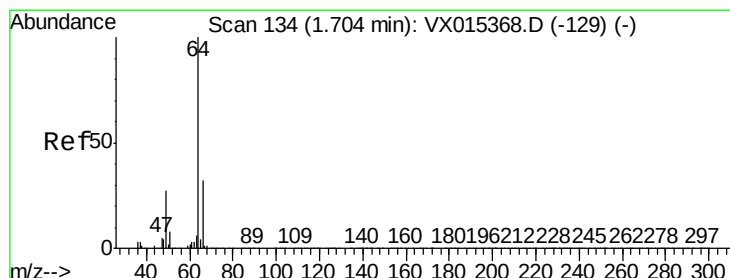
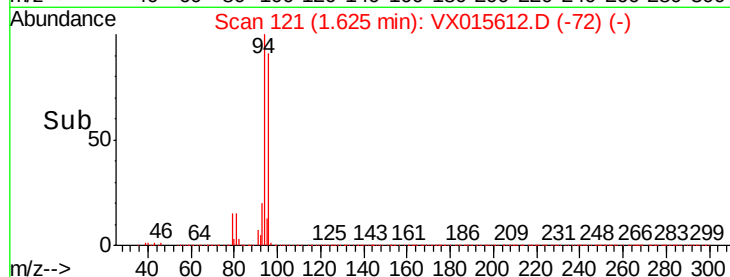
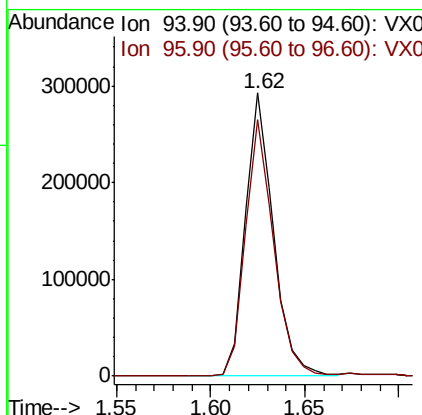
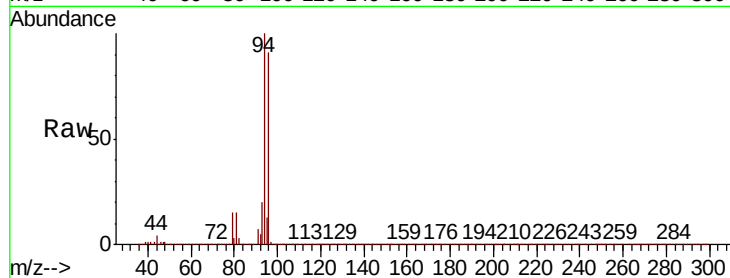
VSTDCCC050

Tot Ion: 94 Resp: 299399

Ion Ratio Lower Upper

94 100

96 90.7 74.8 112.2



#6

Chloroethane

Concen: 46.289 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015612.D

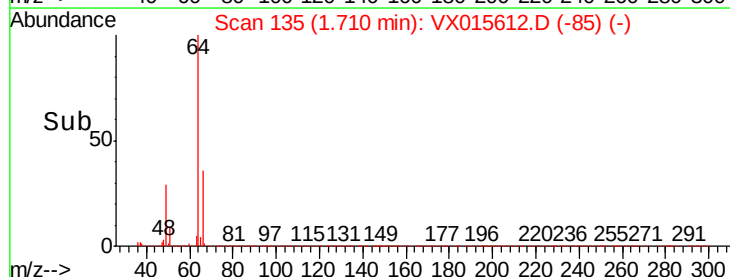
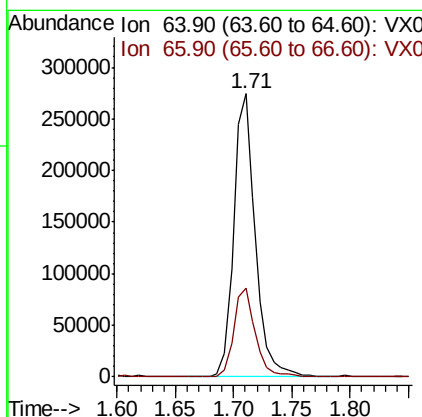
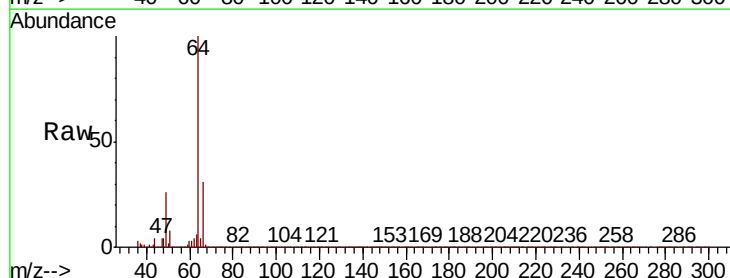
Acq: 10 Apr 2020 11:46

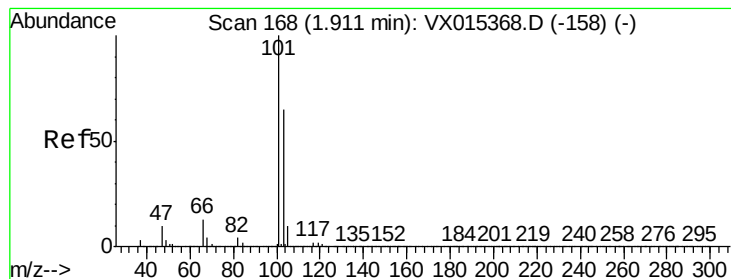
Tgt Ion: 64 Resp: 351146

Ion Ratio Lower Upper

64 100

66 31.1 25.4 38.2



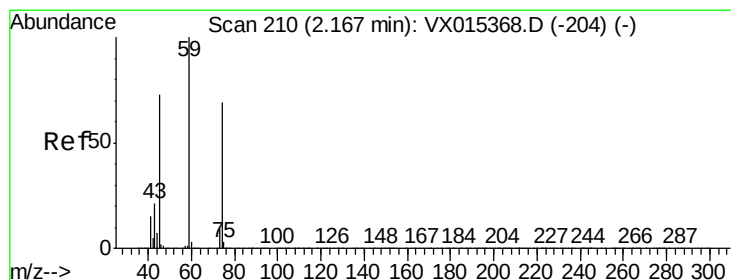
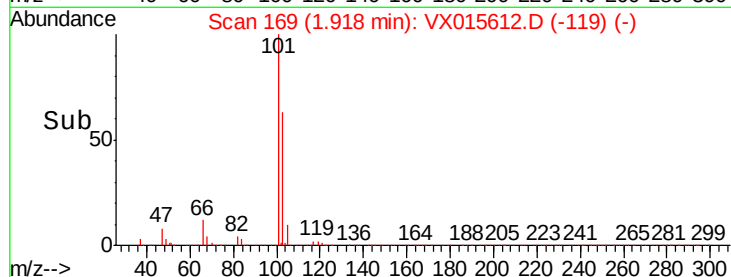
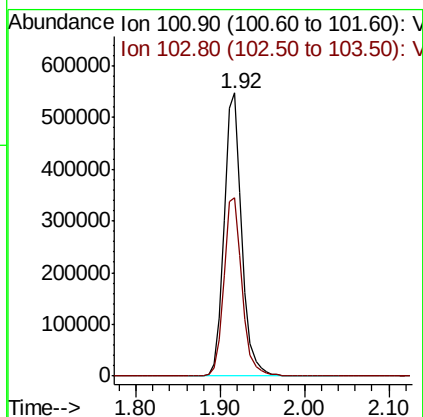
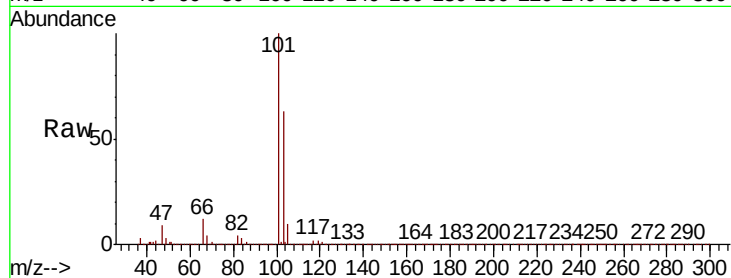


#7

Trichlorofluoromethane
Concen: 47.875 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

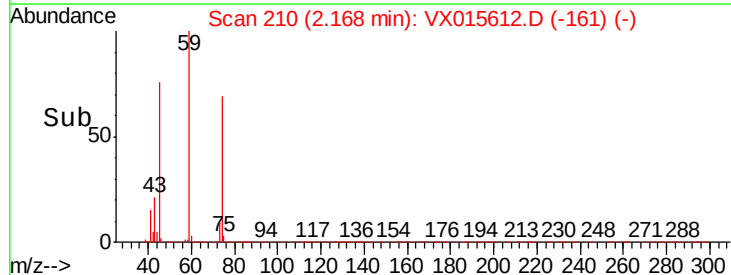
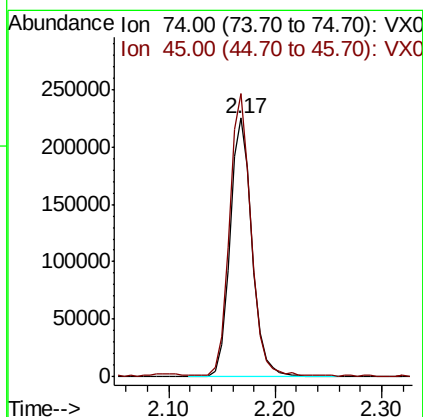
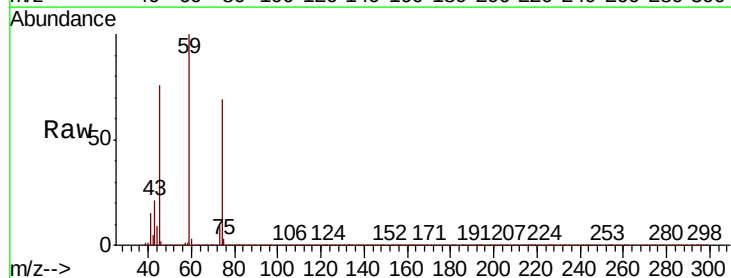
Tot Ion:101 Resp: 785313
Ion Ratio Lower Upper
101 100
103 62.8 52.3 78.5

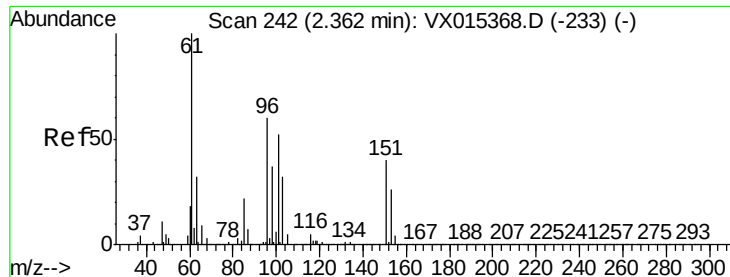


#8

Diethyl Ether
Concen: 46.621 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 74 Resp: 322557
Ion Ratio Lower Upper
74 100
45 107.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.569 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

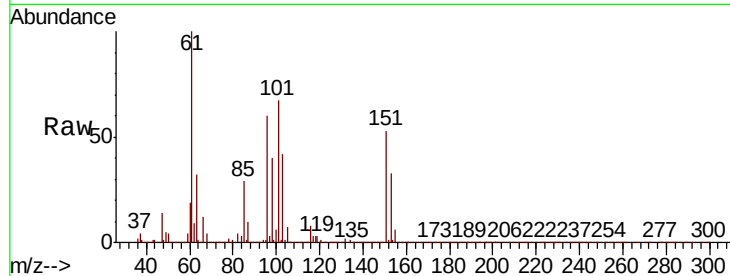
Tot Ion:101 Resp: 519369

Ion Ratio Lower Upper

101 100

85 44.0 35.0 52.4

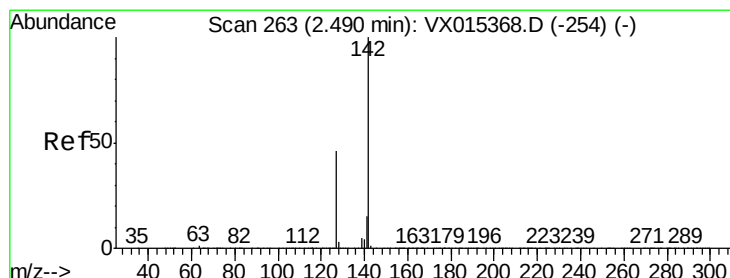
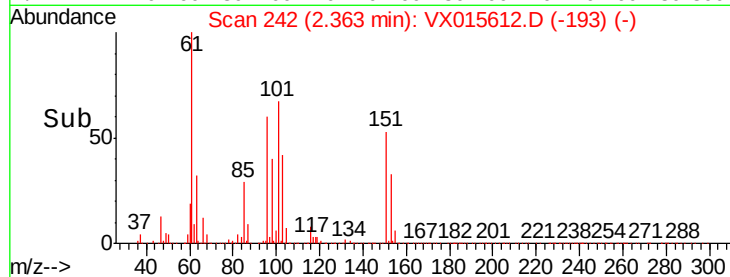
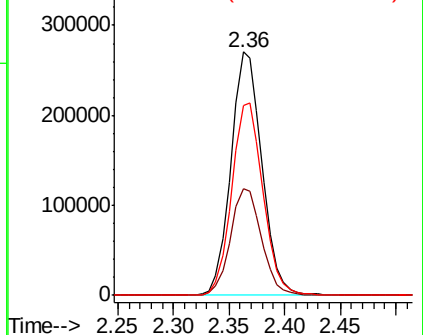
151 79.6 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.273 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

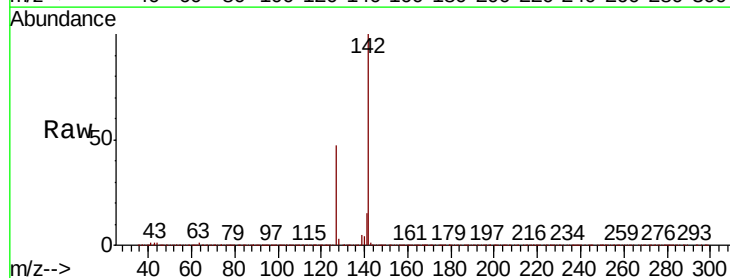
Tgt Ion:142 Resp: 695968

Ion Ratio Lower Upper

142 100

127 45.1 35.9 53.9

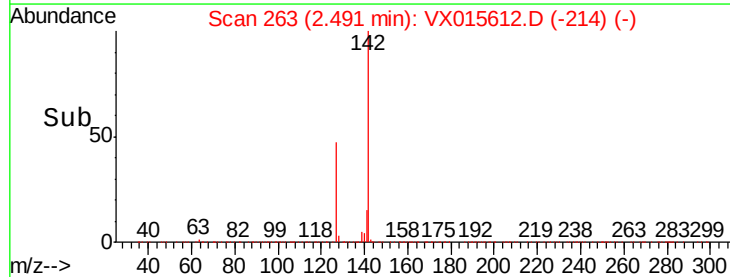
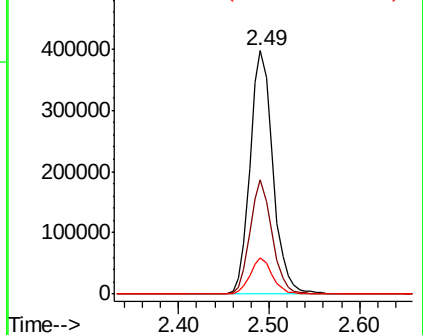
141 14.4 11.6 17.4

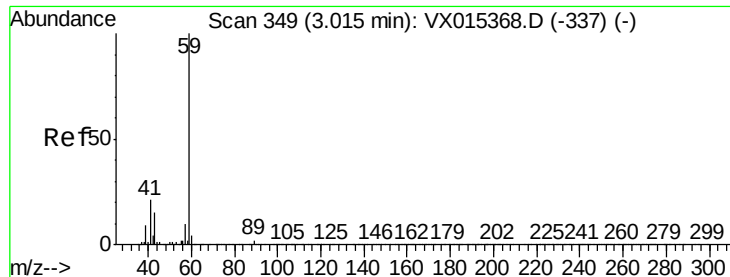


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



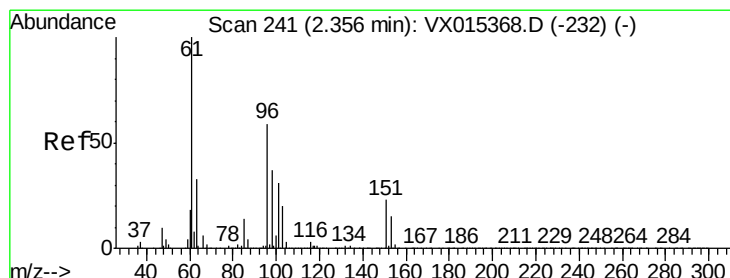
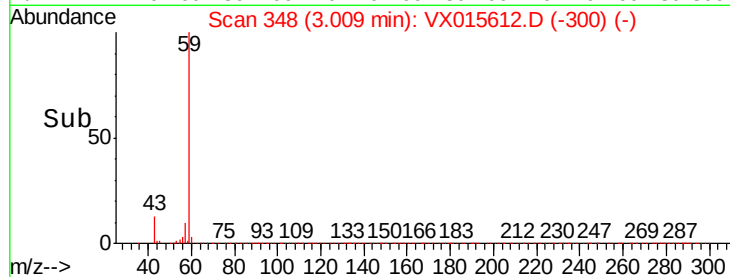
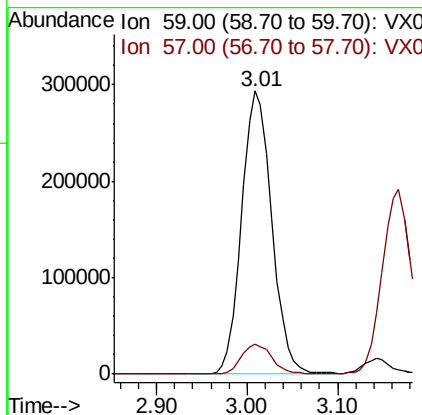
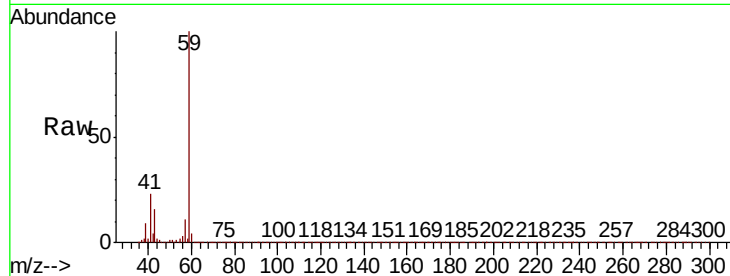


#11

Tert butyl alcohol
Concen: 168.293 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

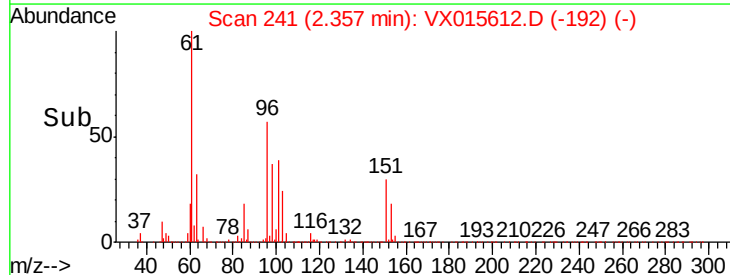
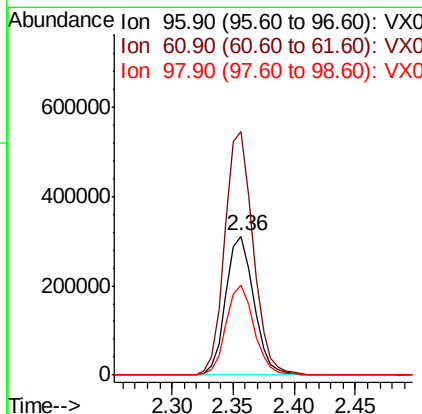
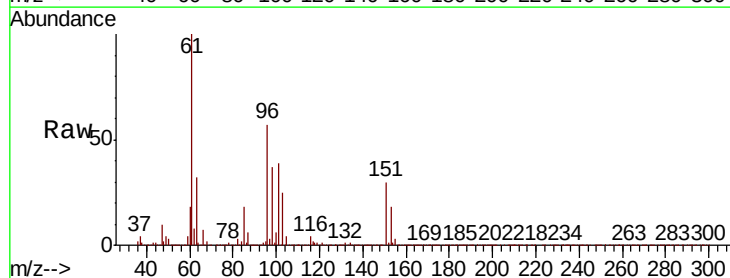
Tot Ion: 59 Resp: 674522
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

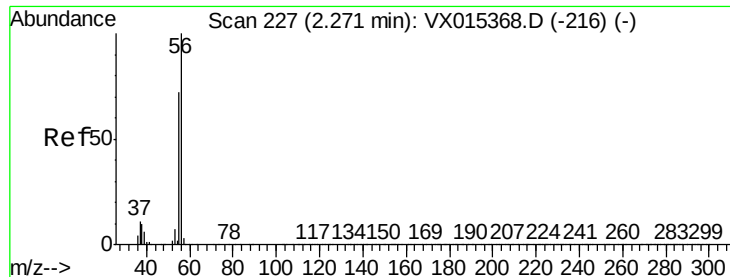


#12

1,1-Dichloroethene
Concen: 44.194 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 96 Resp: 495375
Ion Ratio Lower Upper
96 100
61 175.0 135.7 203.5
98 64.3 50.6 75.8





#13

Acrolein

Concen: 173.157 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

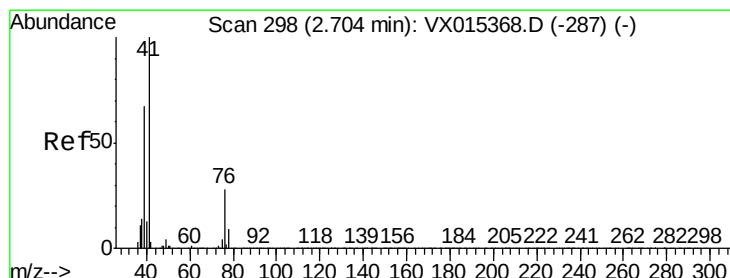
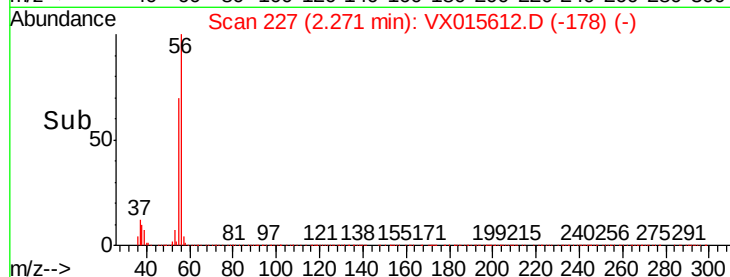
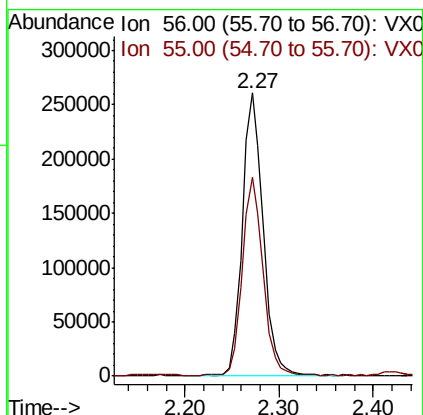
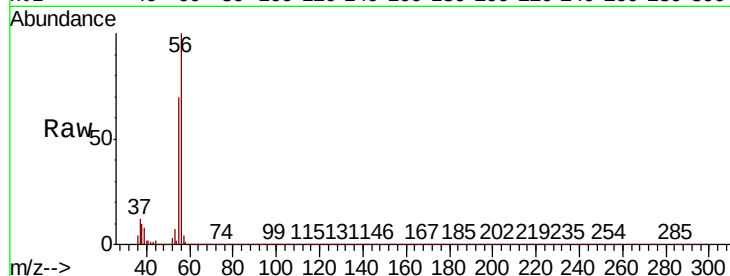
VSTDCCC050

Tot Ion: 56 Resp: 395344

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 42.897 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

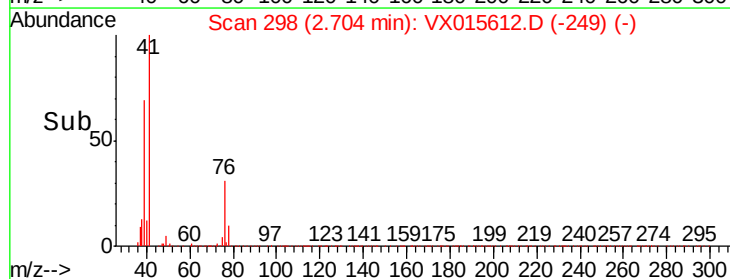
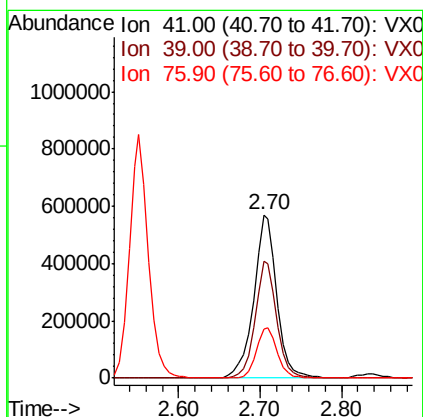
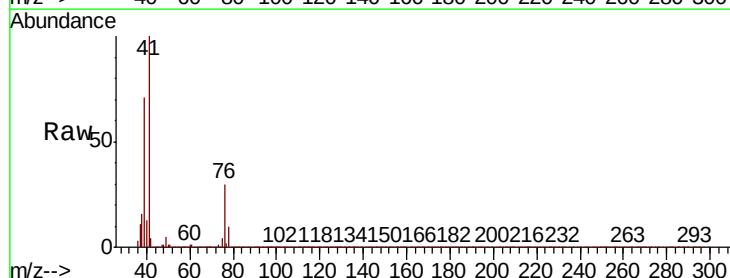
Tgt Ion: 41 Resp: 1123512

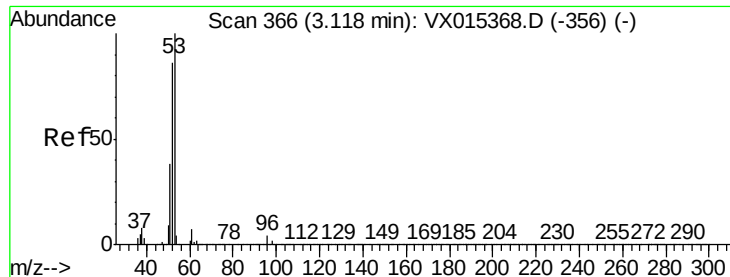
Ion Ratio Lower Upper

41 100

39 66.4 51.4 77.0

76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 209.131 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

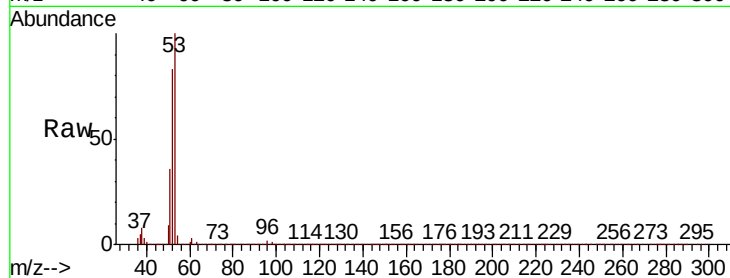
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1598516

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	37.3	29.5	44.3

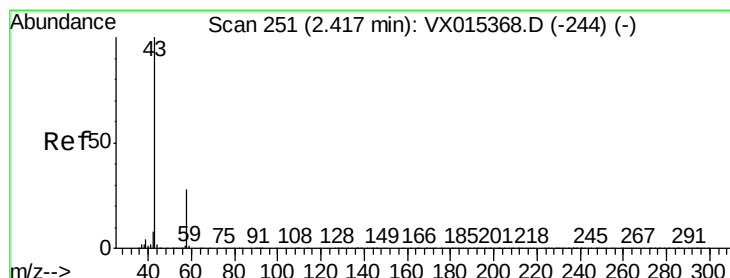
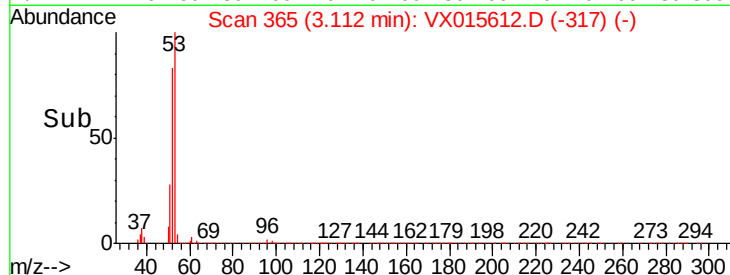
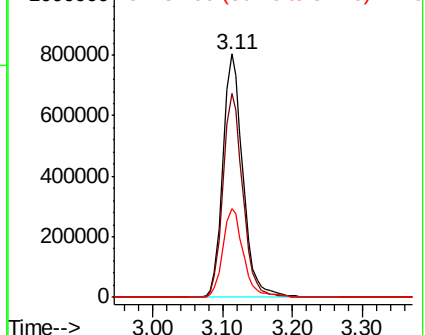


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 262.407 ug/l

RT: 2.42 min Scan# 251

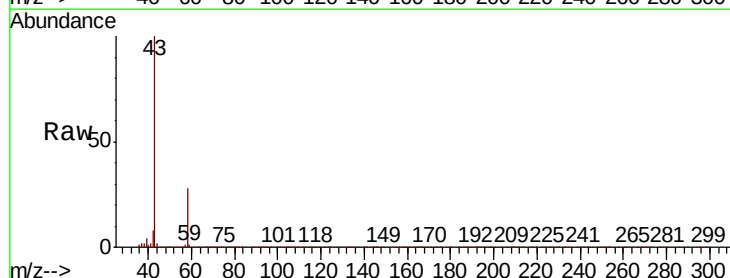
Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion: 43 Resp: 1887776

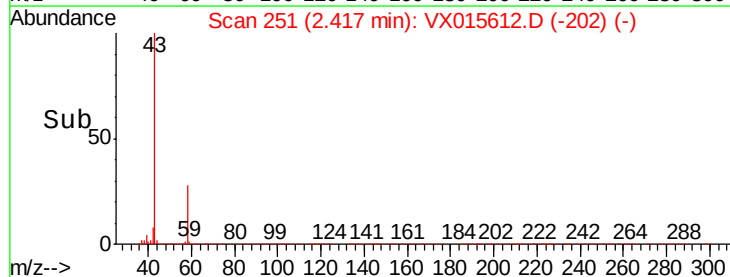
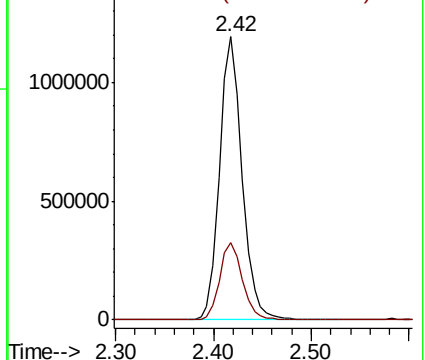
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.1	33.1

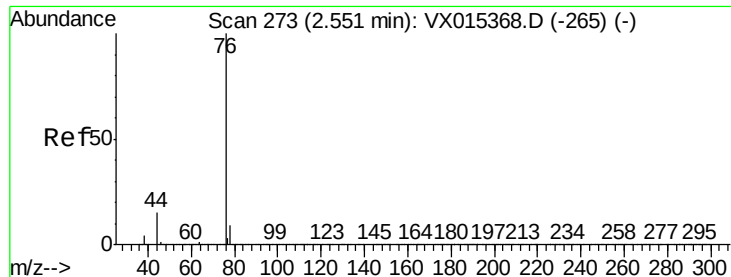


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.239 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

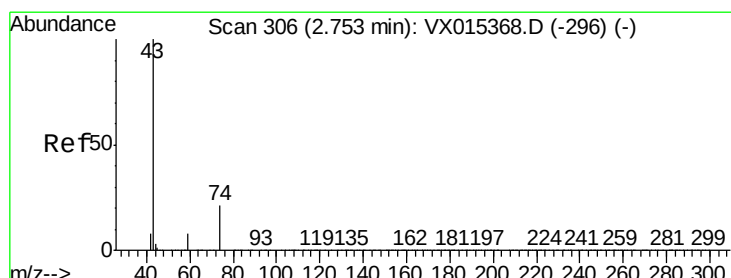
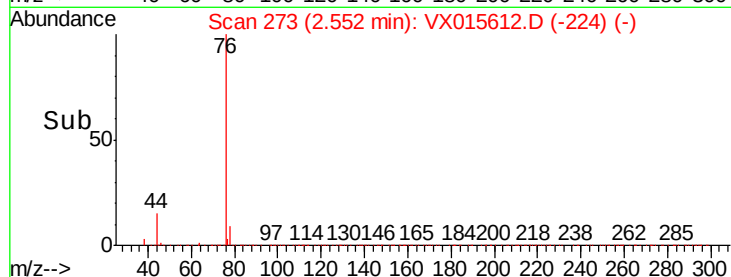
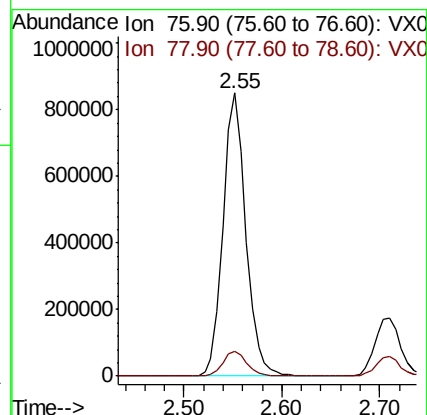
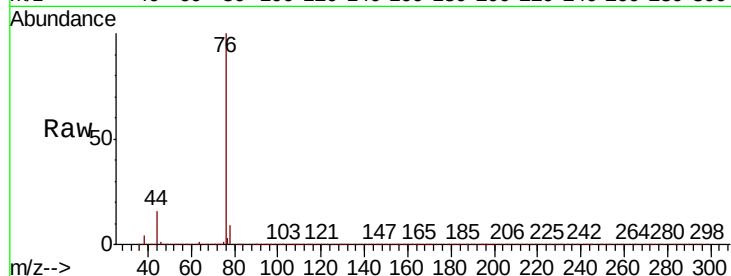
VSTDCCC050

Tot Ion: 76 Resp: 1375918

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



#18

Methyl Acetate

Concen: 42.715 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015612.D

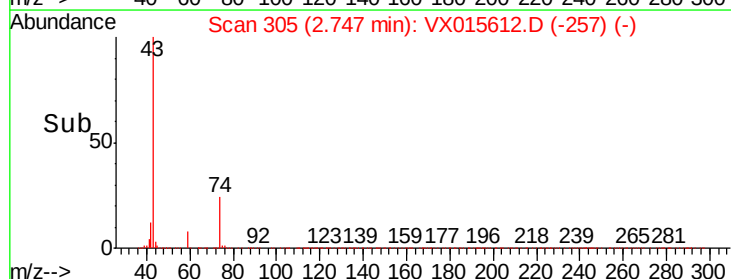
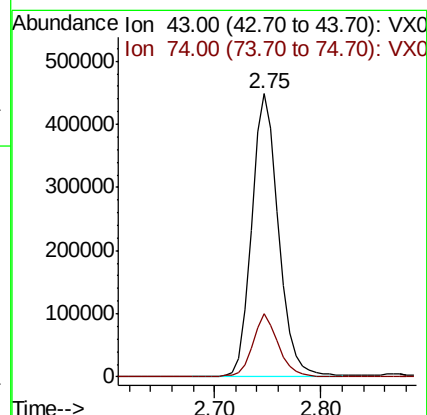
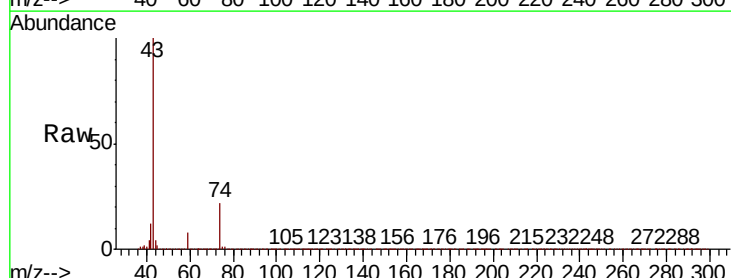
Acq: 10 Apr 2020 11:46

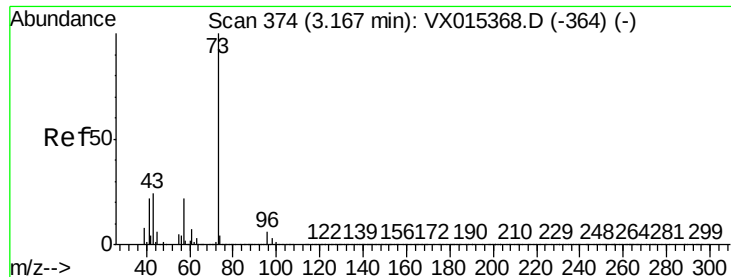
Tgt Ion: 43 Resp: 784311

Ion Ratio Lower Upper

43 100

74 21.5 16.5 24.7

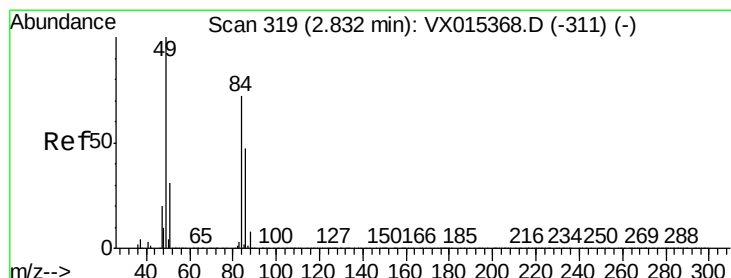
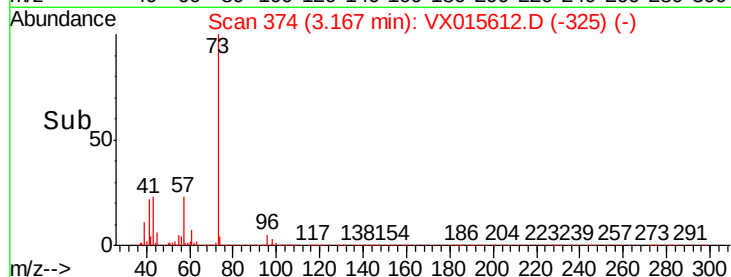
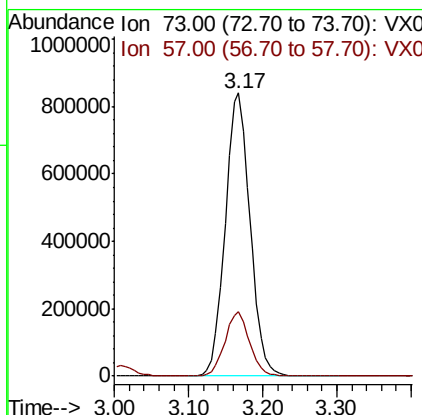
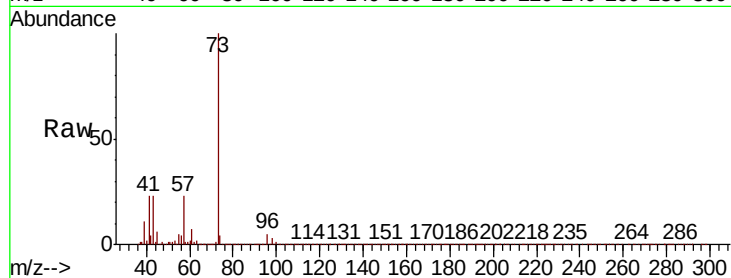




#19
Methyl tert-butyl Ether
Concen: 44.838 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

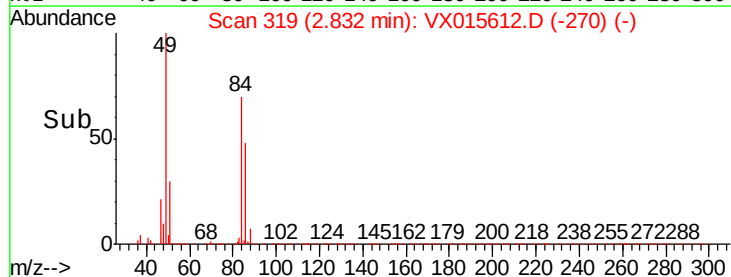
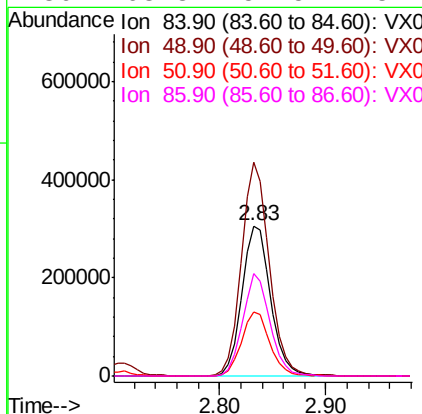
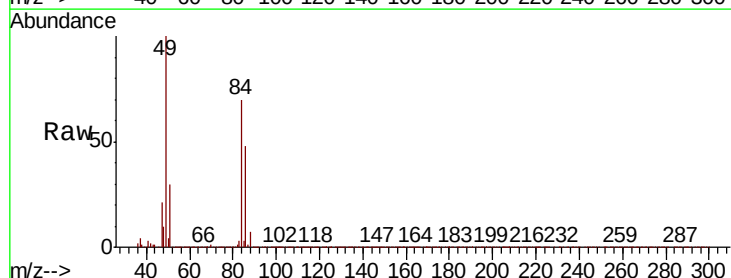
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

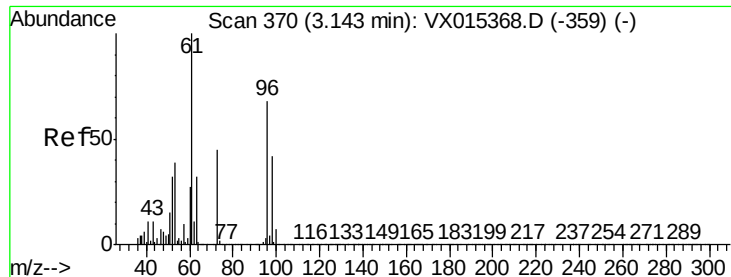
Tot Ion: 73 Resp: 1949244
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9



#20
Methylene Chloride
Concen: 43.052 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 84 Resp: 578516
Ion Ratio Lower Upper
84 100
49 142.3 111.3 166.9
51 42.9 34.0 51.0
86 68.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.136 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

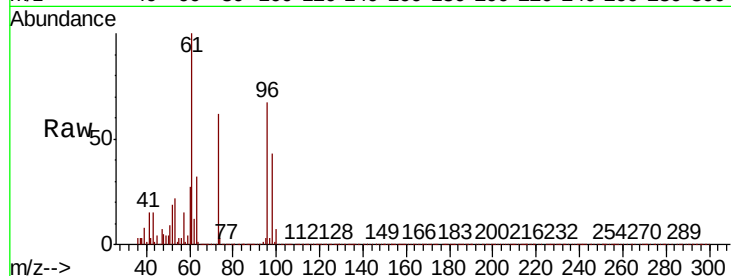
Tot Ion: 96 Resp: 549051

Ion Ratio Lower Upper

96 100

61 150.1 116.9 175.3

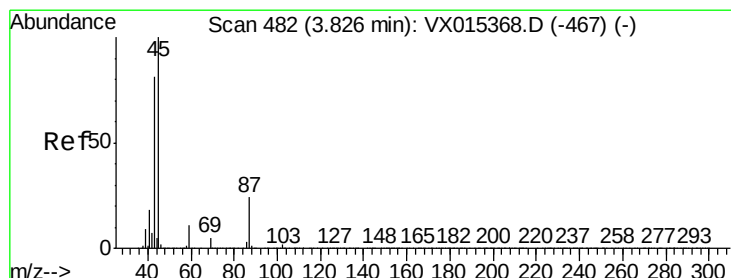
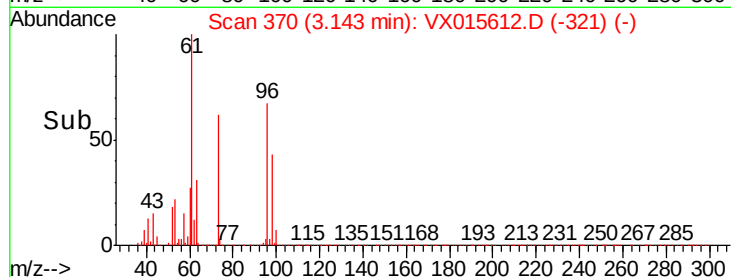
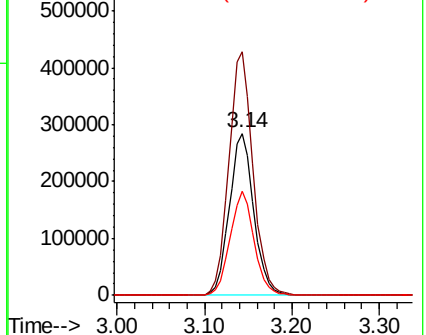
98 64.2 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.974 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion: 45 Resp: 2087228

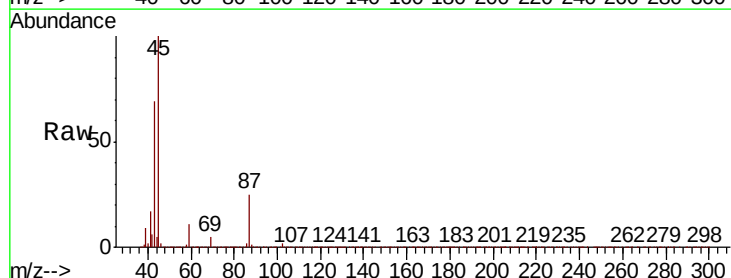
Ion Ratio Lower Upper

45 100

43 69.1 64.7 97.1

87 25.4 19.4 29.0

59 11.2 8.7 13.1

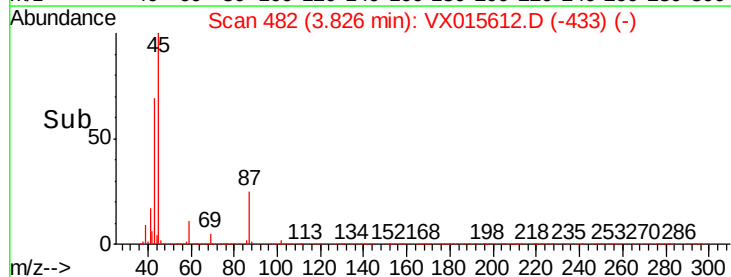
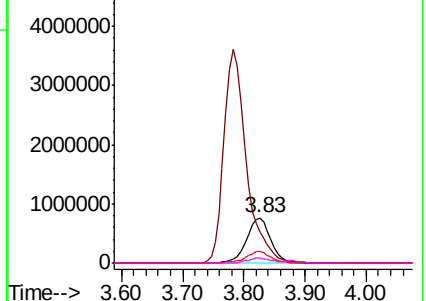


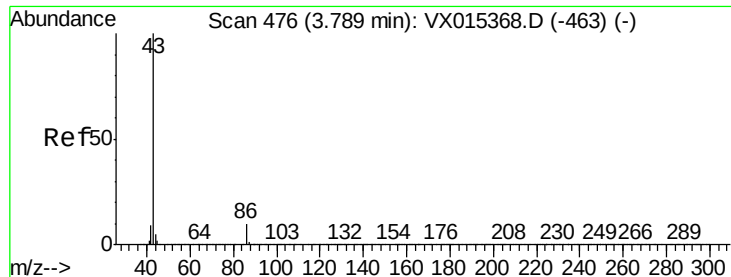
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 219.434 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

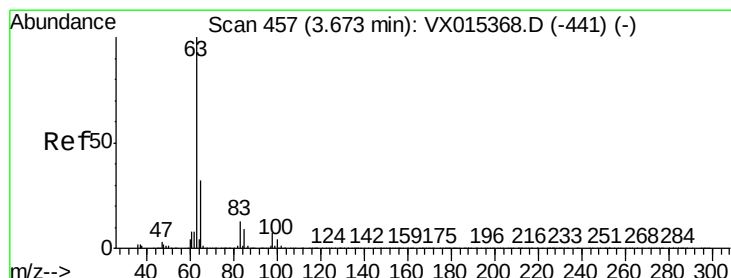
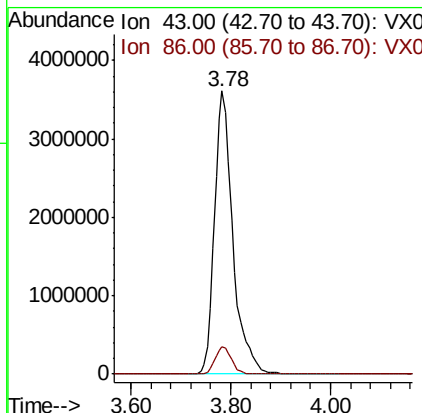
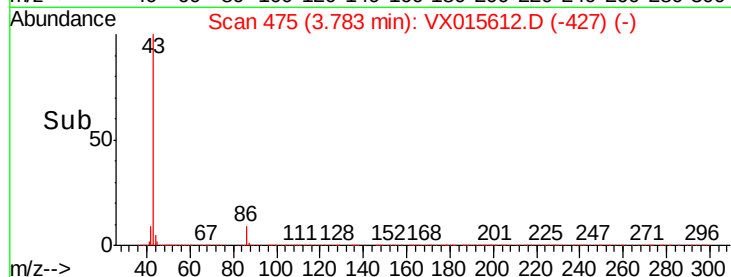
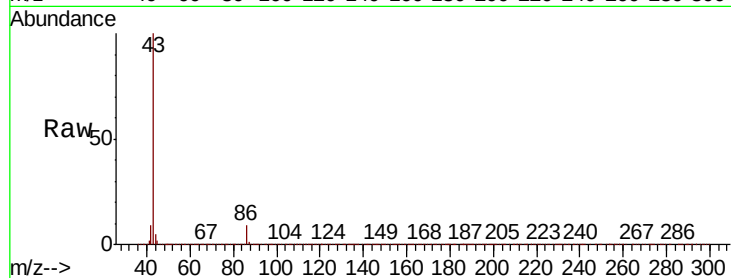
VSTDCCC050

Tot Ion: 43 Resp: 9220595

Ion Ratio Lower Upper

43 100

86 9.4 7.8 11.6



#24

1,1-Dichloroethane

Concen: 44.046 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

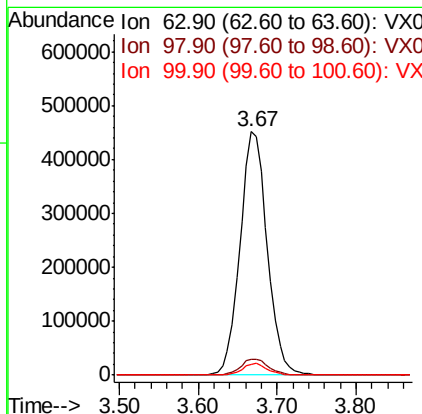
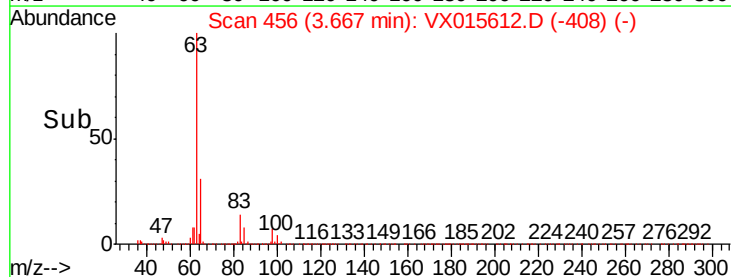
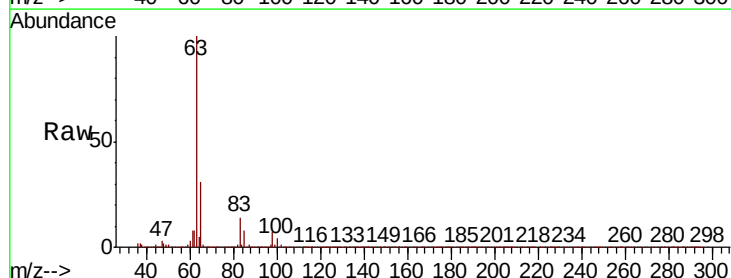
Tgt Ion: 63 Resp: 1076282

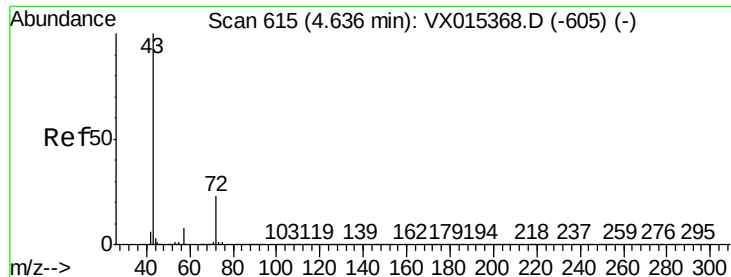
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 216.884 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

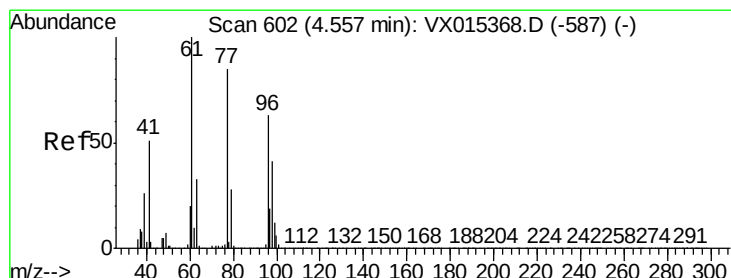
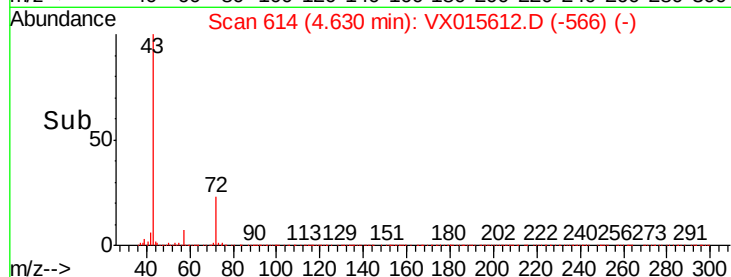
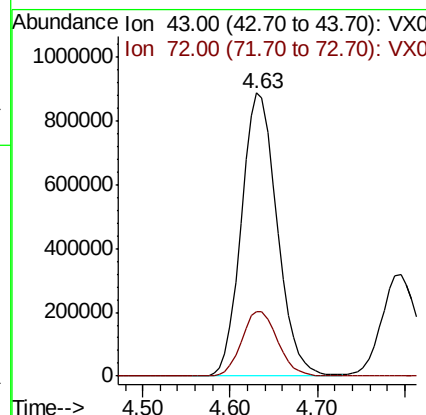
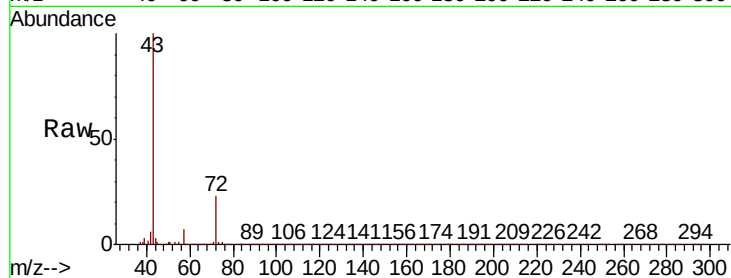
VSTDCCC050

Tot Ion: 43 Resp: 2509253

Ion Ratio Lower Upper

43 100

72 22.6 19.0 28.4



#26

2,2-Dichloropropane

Concen: 48.848 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015612.D

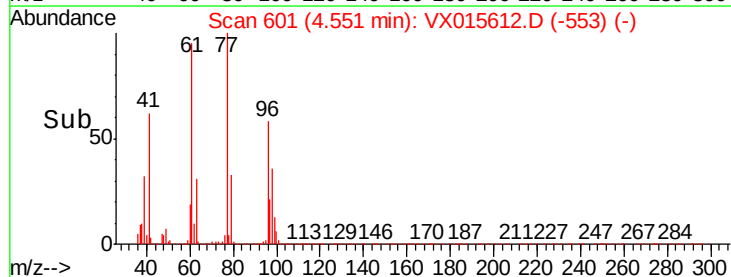
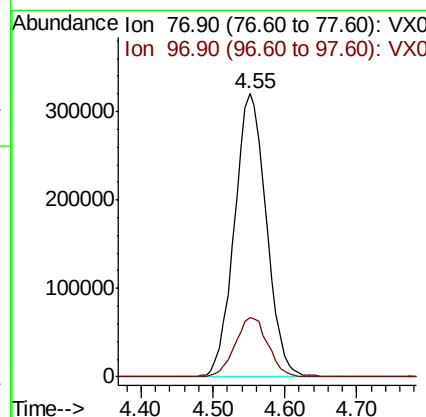
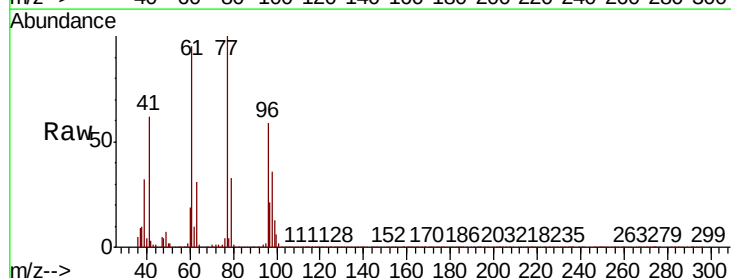
Acq: 10 Apr 2020 11:46

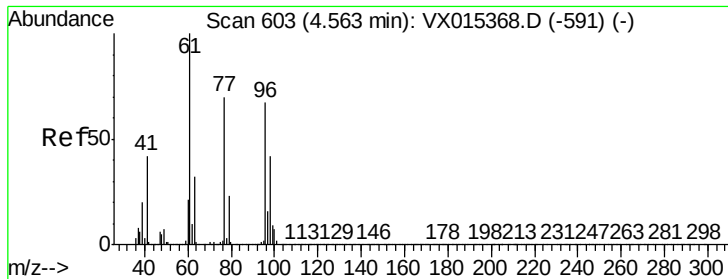
Tgt Ion: 77 Resp: 979758

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8



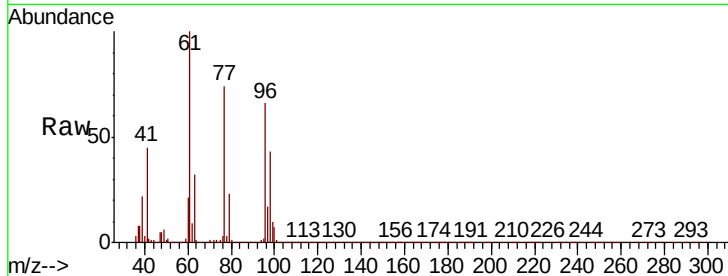


#27

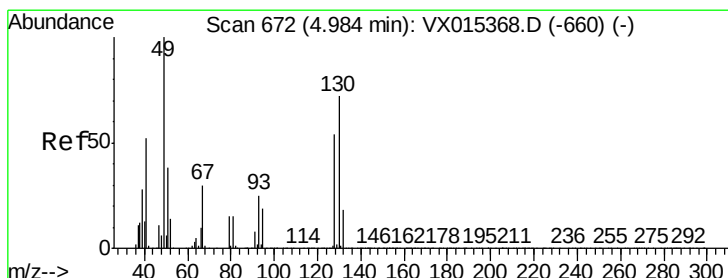
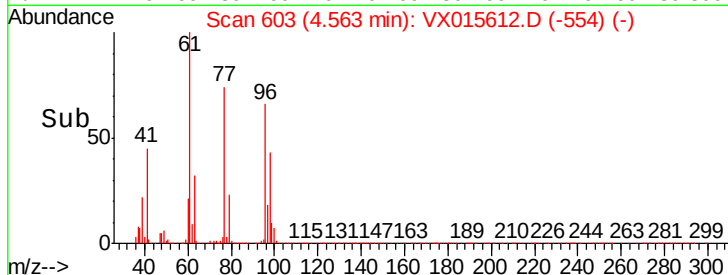
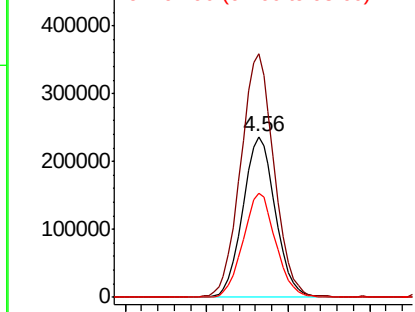
cis-1,2-Dichloroethene
Concen: 45.634 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	96	Resp:	656783
Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	308.4
98	64.6	0.0	129.2



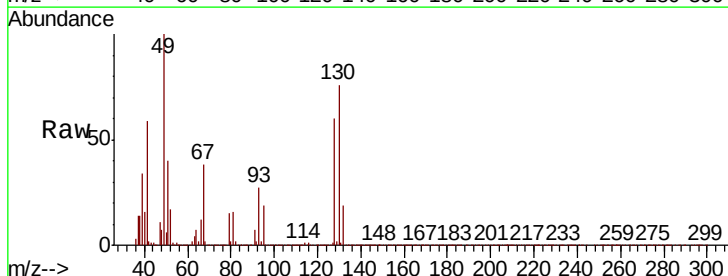
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



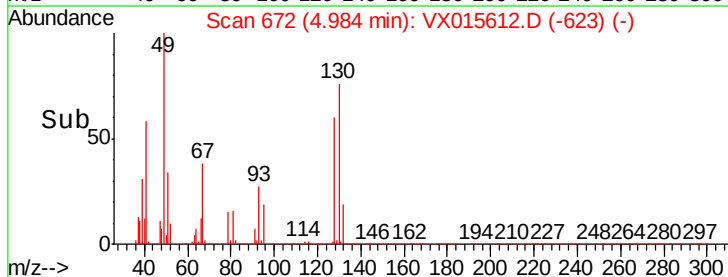
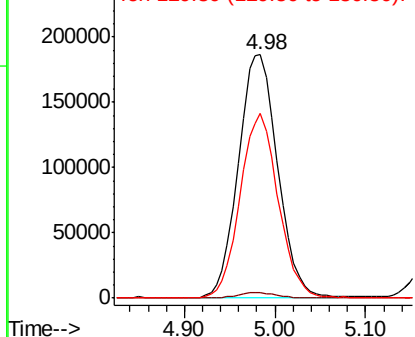
#28

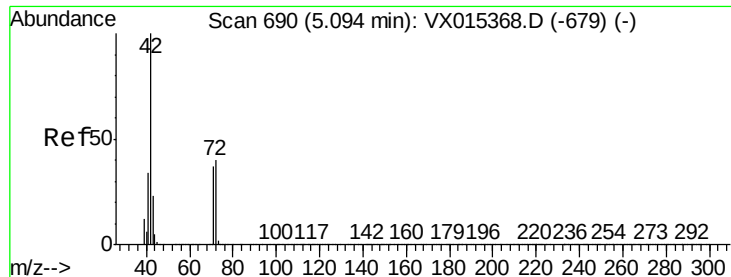
Bromochloromethane
Concen: 47.822 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:	49	Resp:	557928
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	73.5	57.7	86.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 199.927 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

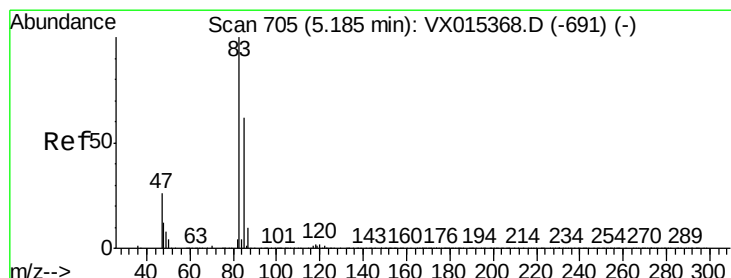
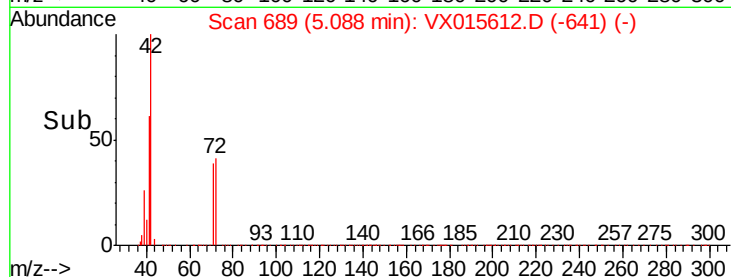
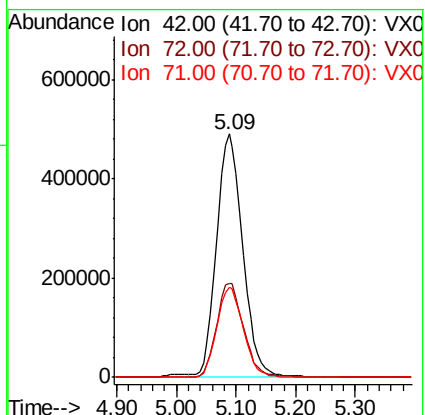
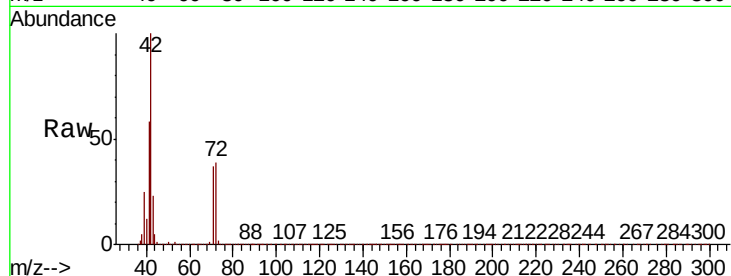
Tot Ion: 42 Resp: 1487016

Ion Ratio Lower Upper

42 100

72 39.9 31.7 47.5

71 37.6 29.6 44.4



#30

Chloroform

Concen: 45.242 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015612.D

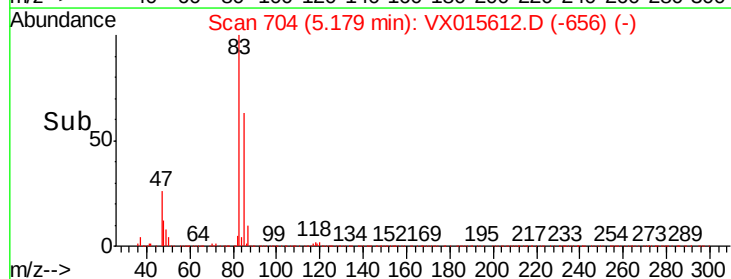
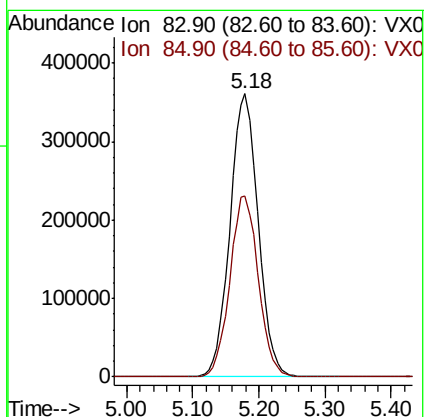
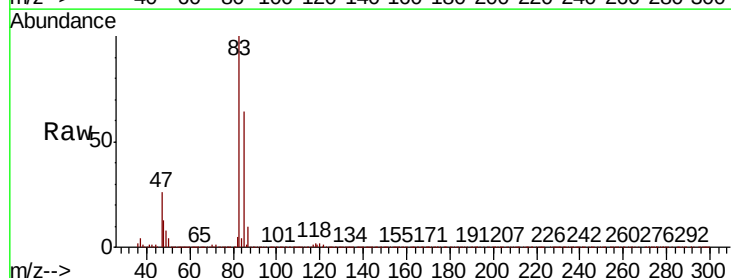
Acq: 10 Apr 2020 11:46

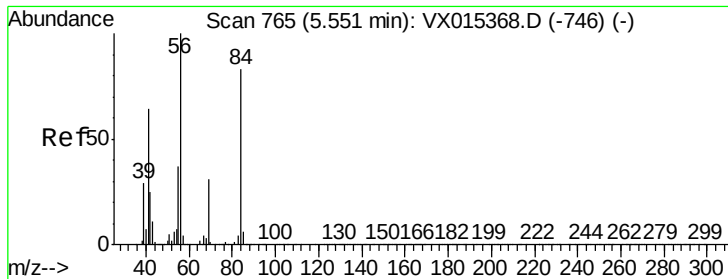
Tgt Ion: 83 Resp: 1063597

Ion Ratio Lower Upper

83 100

85 64.0 49.5 74.3

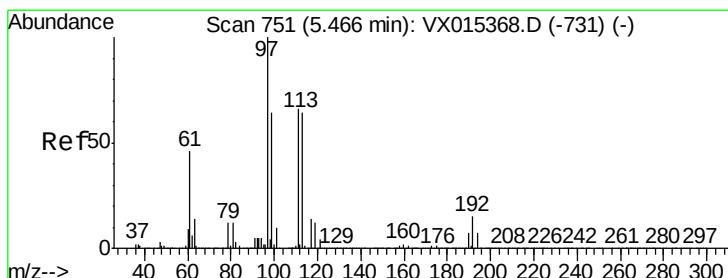
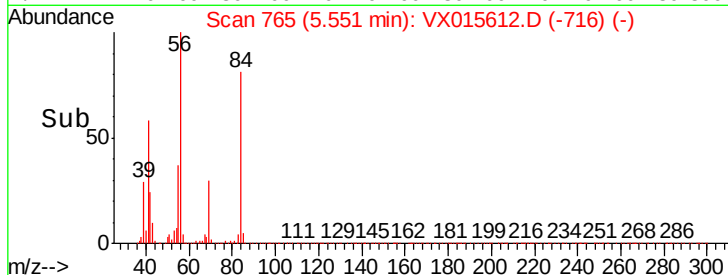
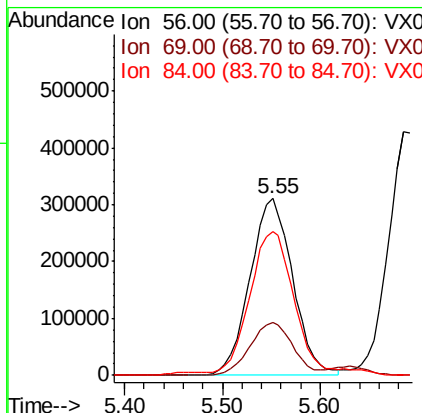
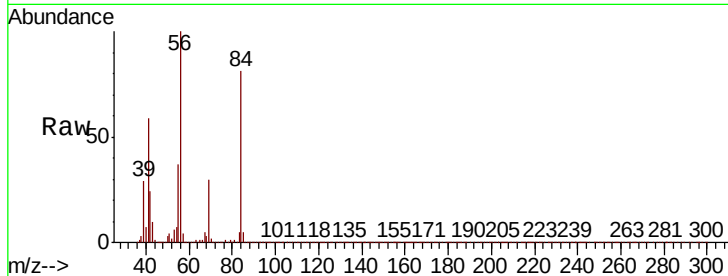




#31
Cyclohexane
Concen: 44.414 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

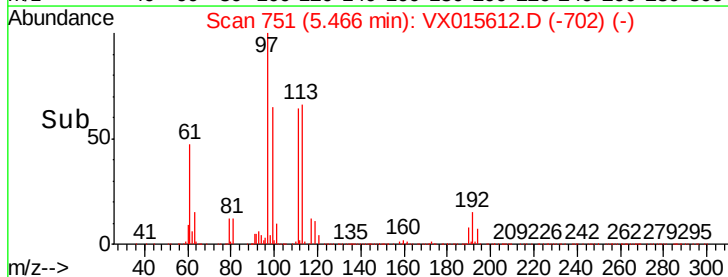
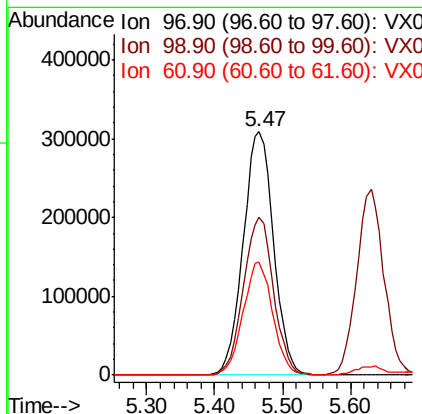
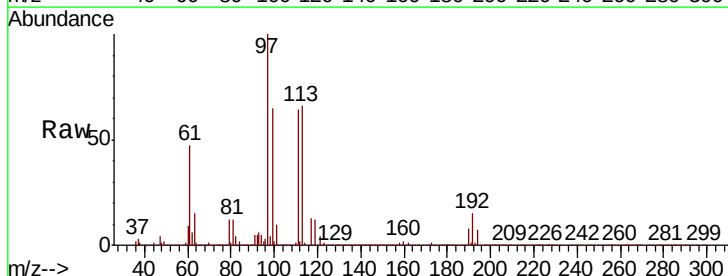
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

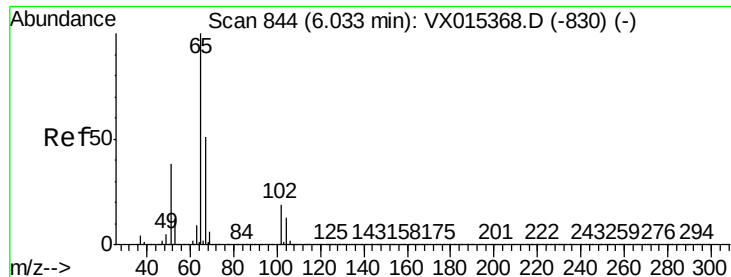
Tot Ion: 56 Resp: 941476
Ion Ratio Lower Upper
56 100
69 29.5 24.6 36.8
84 79.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 45.072 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 97 Resp: 958942
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 45.2 36.1 54.1

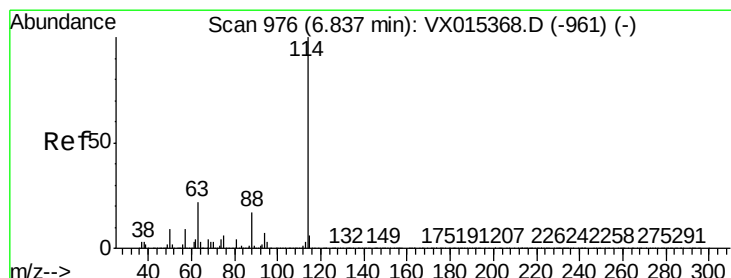
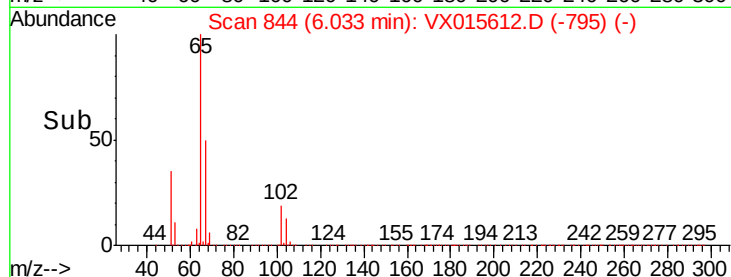
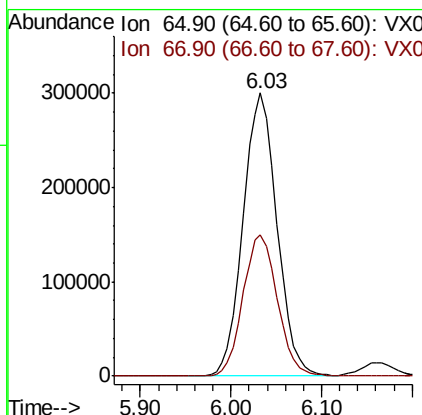
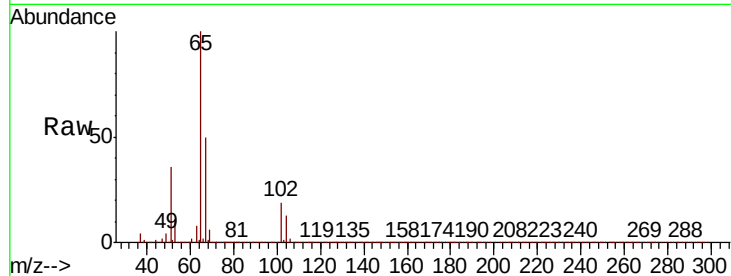




#33
 1,2-Dichloroethane-d4
 Concen: 46.412 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

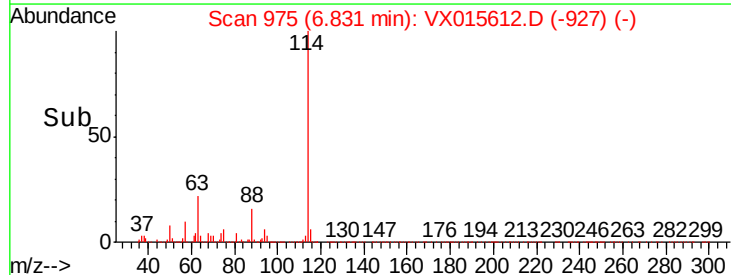
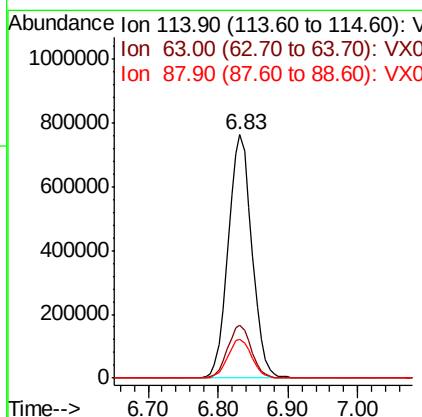
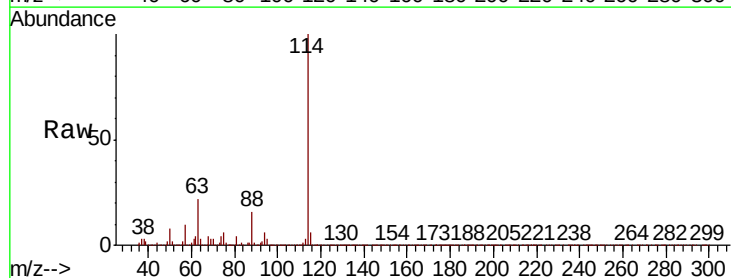
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

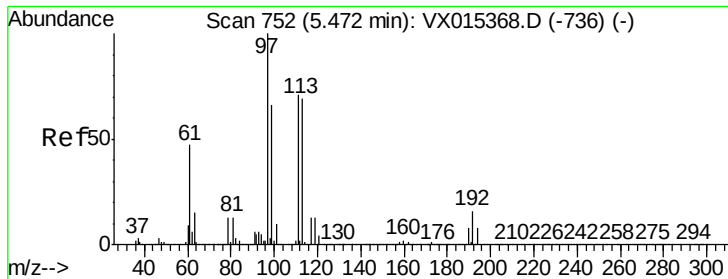
Tot Ion: 65 Resp: 777169
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion: 114 Resp: 1791431
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 16.1 0.0 33.8

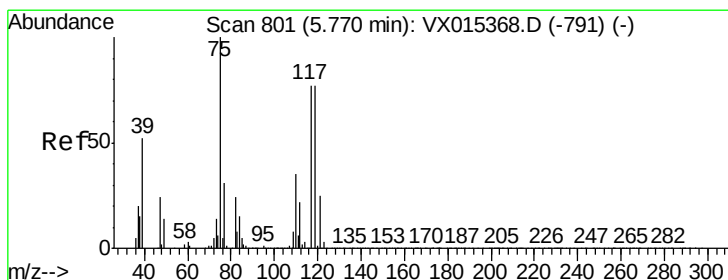
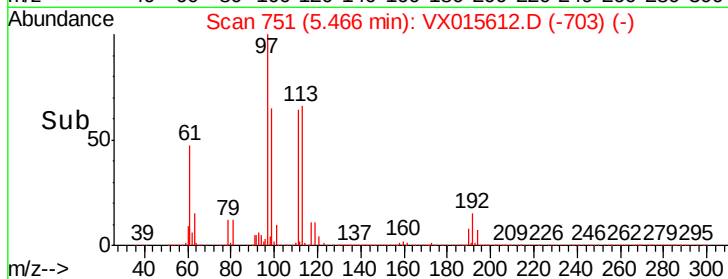
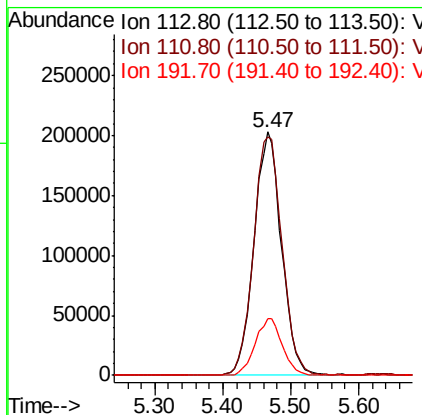
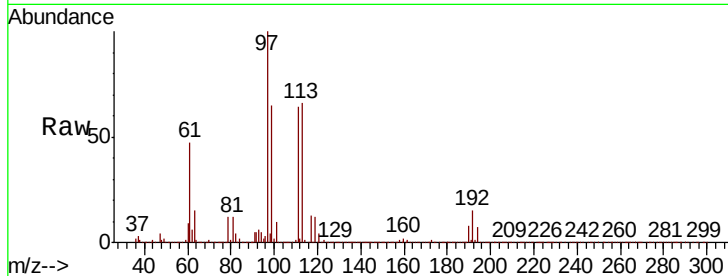




#35
 Dibromofluoromethane
 Concen: 49.809 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

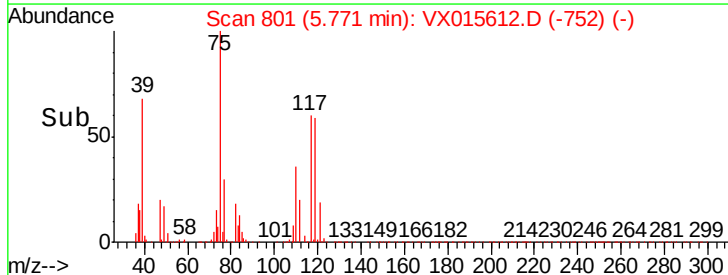
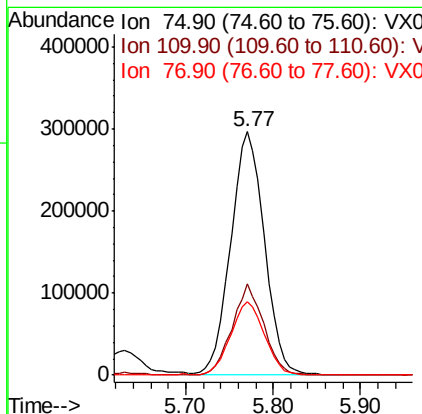
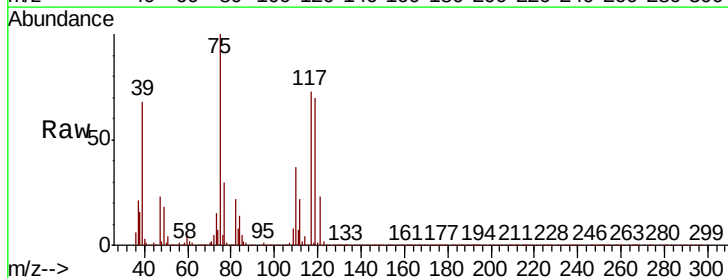
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

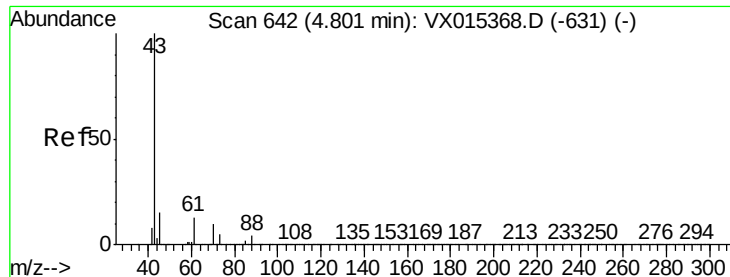
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	23.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 47.779 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.1	51.3
77	30.1	24.6	36.8

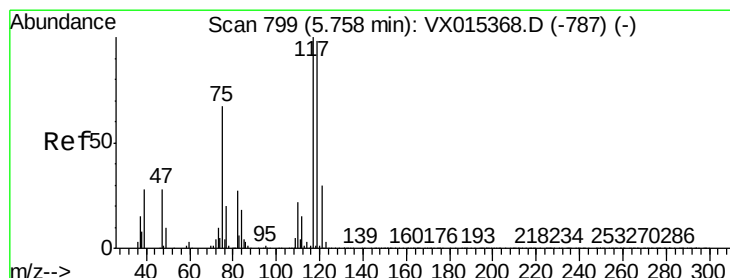
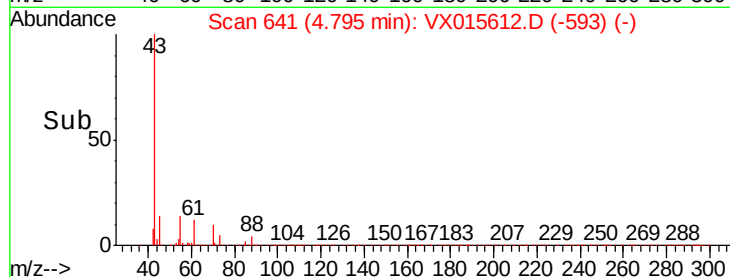
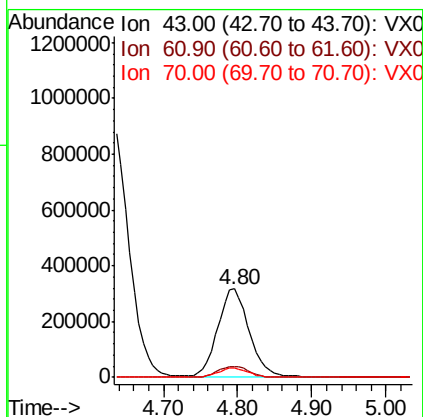
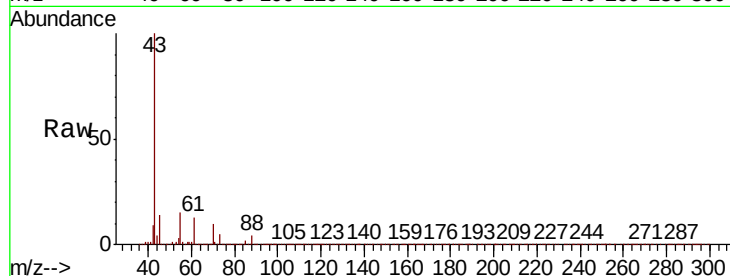




#37
Ethyl Acetate
Concen: 43.200 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

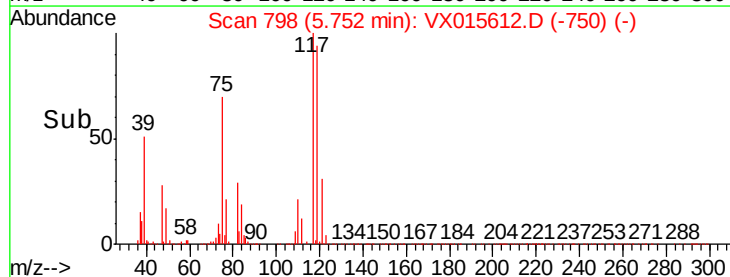
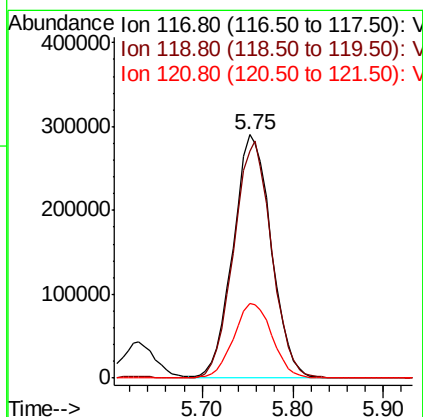
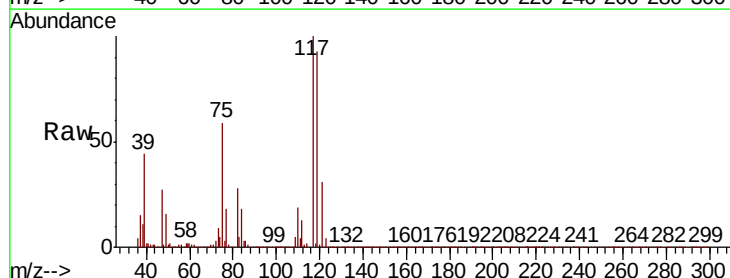
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

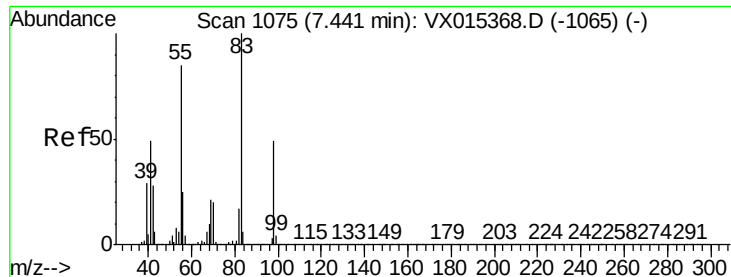
Tot Ion: 43 Resp: 928461
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 47.167 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 117 Resp: 843234
Ion Ratio Lower Upper
117 100
119 93.2 78.0 117.0
121 30.6 23.8 35.8

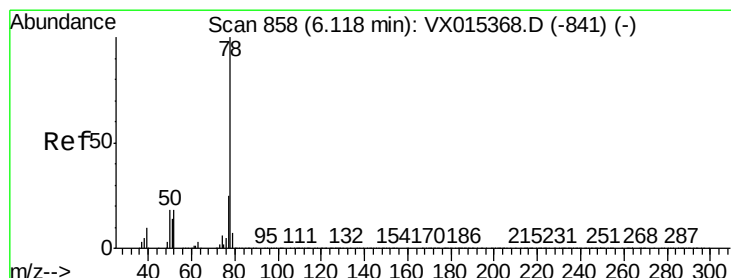
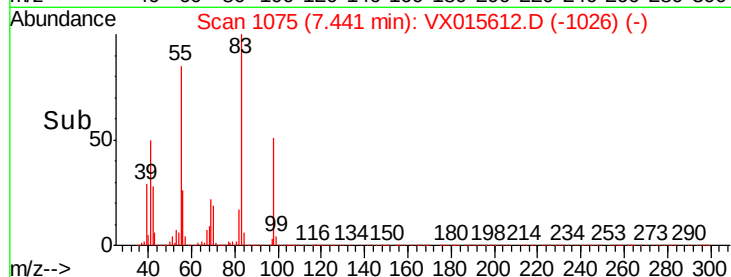
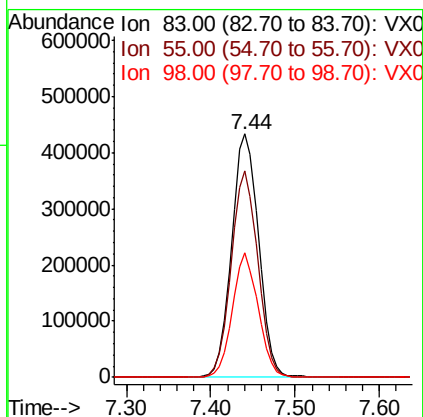
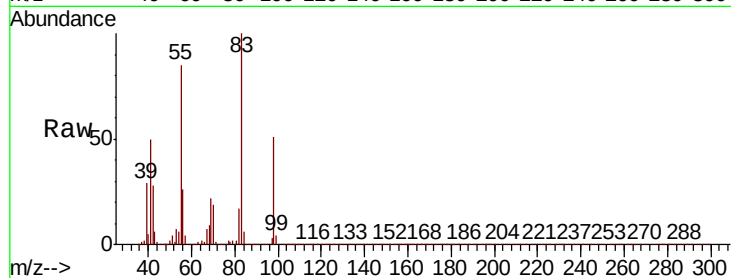




#39
Methylvlcyclohexane
Concen: 49.282 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

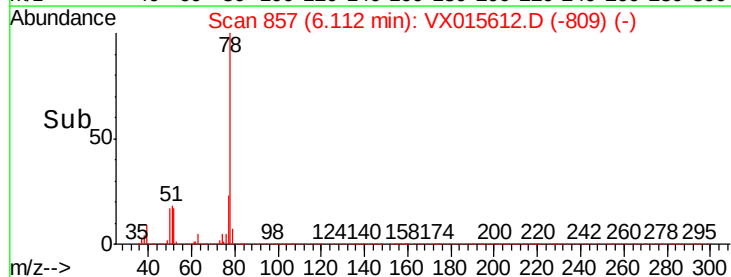
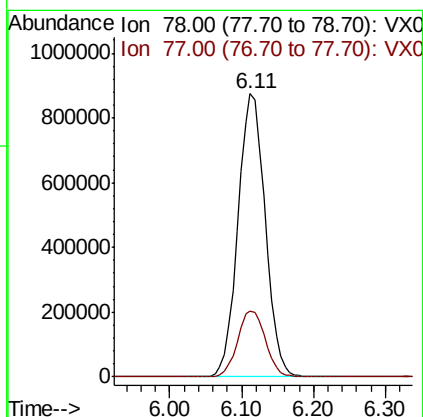
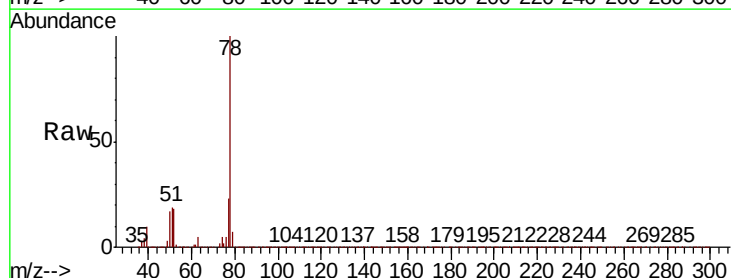
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

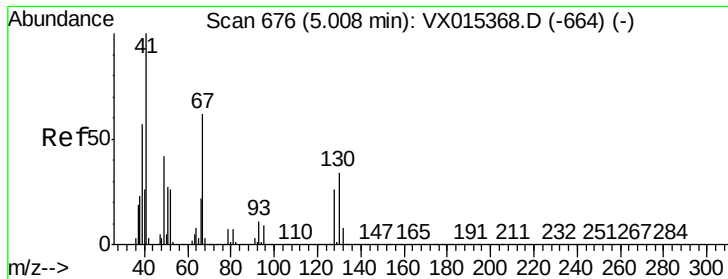
Tot Ion	Ratio	Lower	Upper
83	100		
55	84.5	67.8	101.6
98	51.4	39.3	58.9



#40
Benzene
Concen: 47.502 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.8	29.8

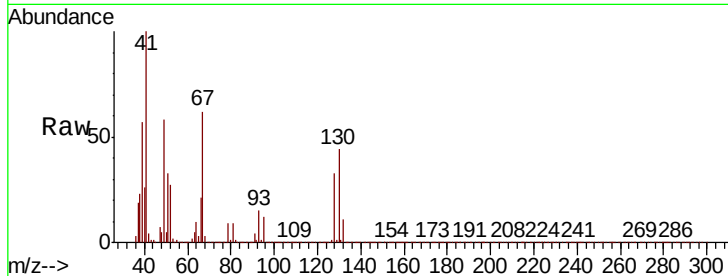




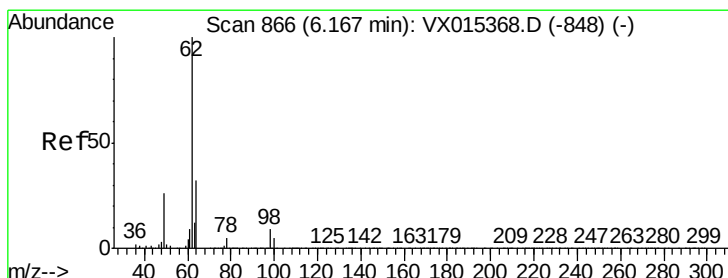
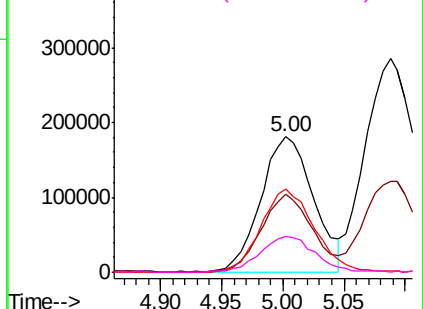
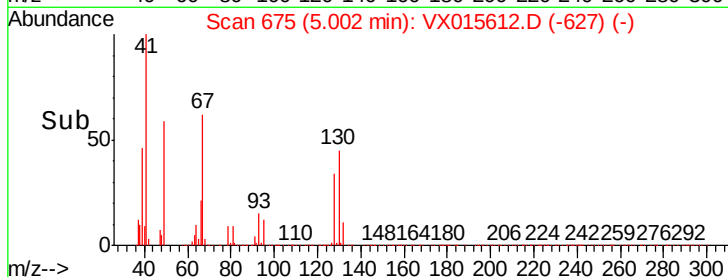
#41
Methacrylonitrile
Concen: 45.234 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	539670
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.5	66.7
67	61.9	48.9	73.3
52	27.3	21.8	32.6

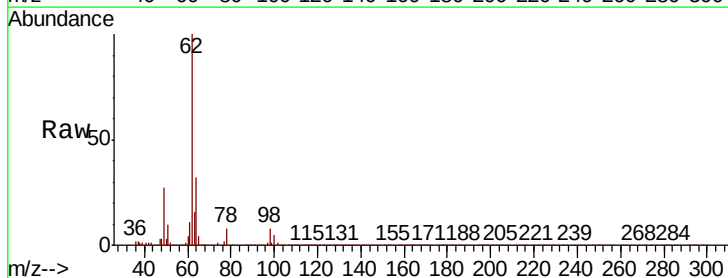


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

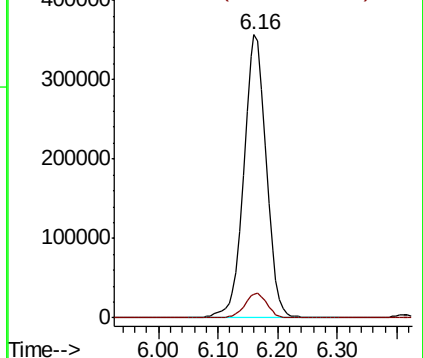
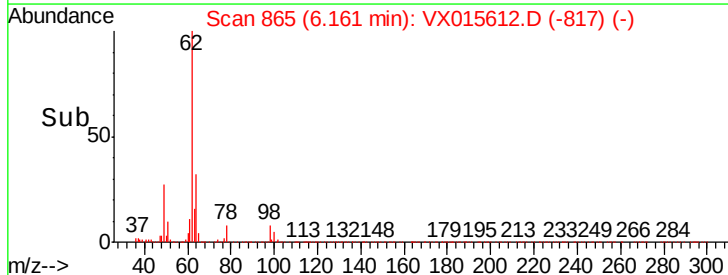


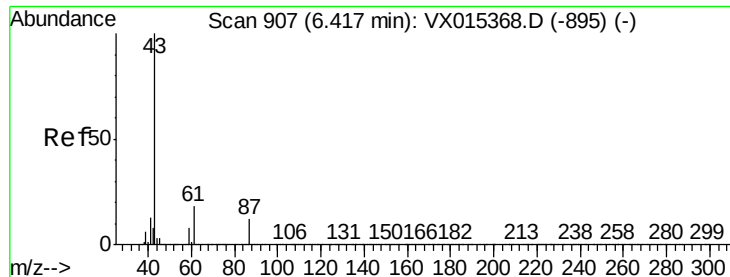
#42
1,2-Dichloroethane
Concen: 48.380 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:	62	Resp:	939613
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 44.430 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

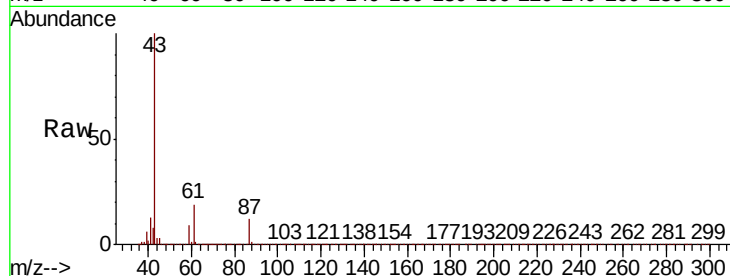
Tot Ion: 43 Resp: 1611940

Ion Ratio Lower Upper

43 100

61 19.0 14.8 22.2

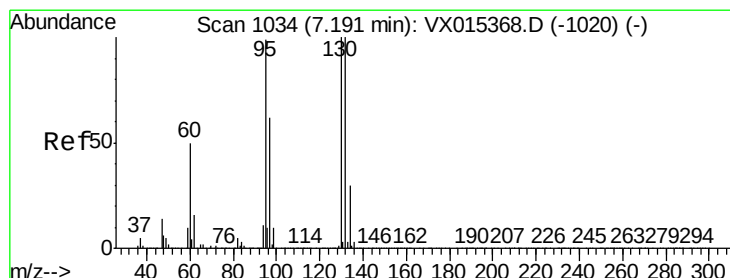
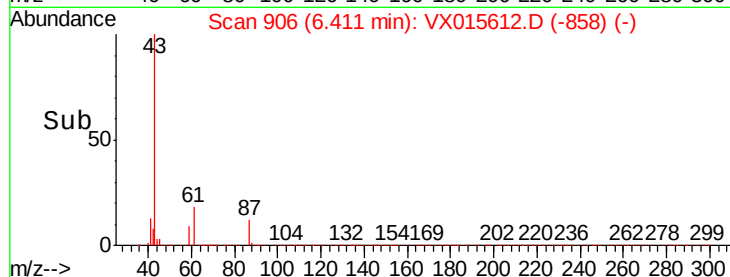
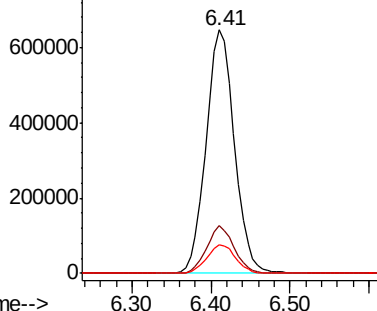
87 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.120 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015612.D

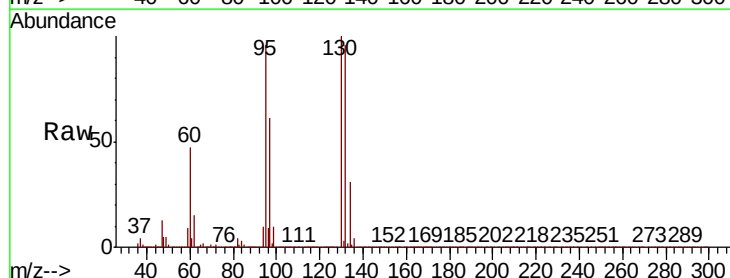
Acq: 10 Apr 2020 11:46

Tgt Ion:130 Resp: 647716

Ion Ratio Lower Upper

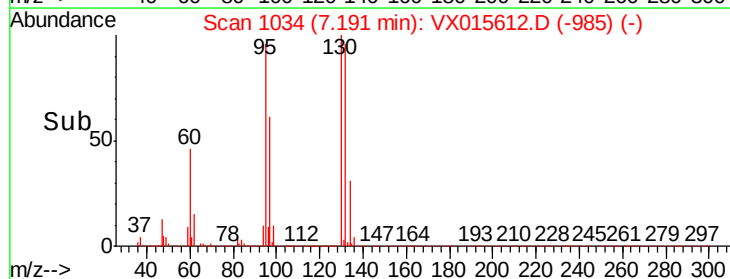
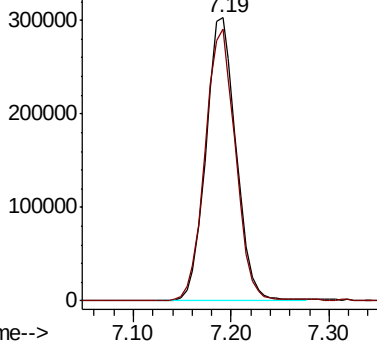
130 100

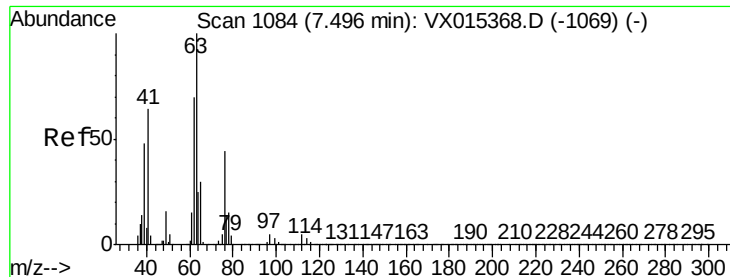
95 96.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

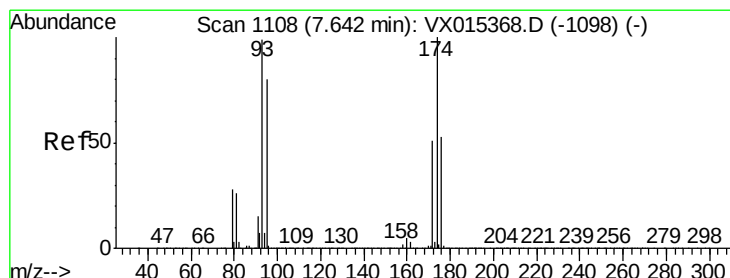
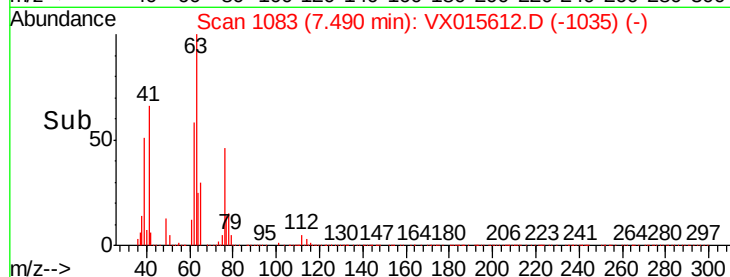
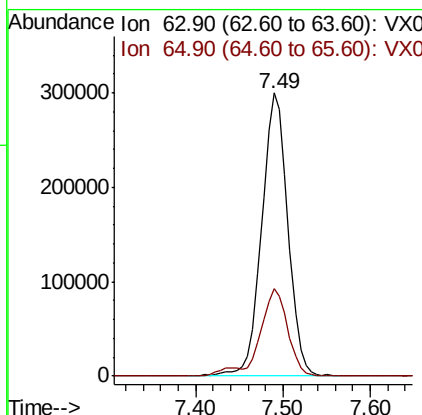
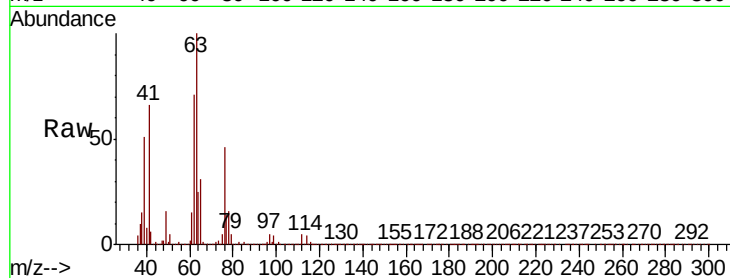




#45
 1,2-Dichloropropane
 Concen: 47.269 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

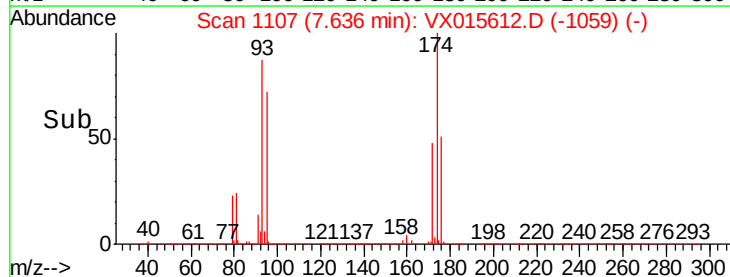
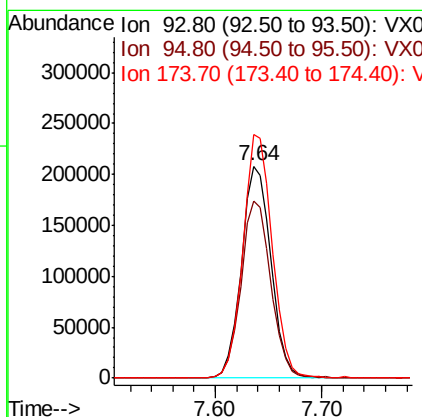
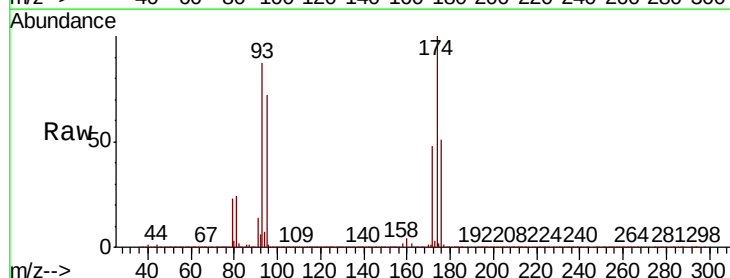
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

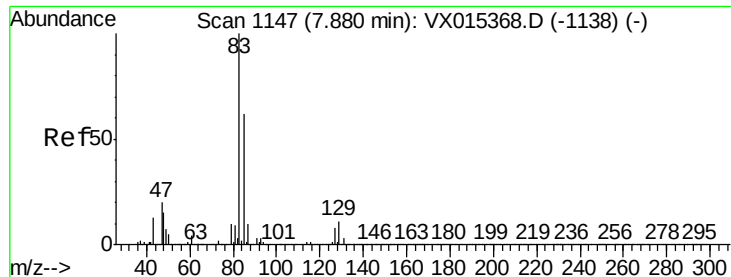
Tot Ion: 63 Resp: 625219
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.9 35.9



#46
 Dibromomethane
 Concen: 46.630 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion: 93 Resp: 404589
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.8 98.8
 174 114.2 86.2 129.2





#47

Bromodichloromethane

Concen: 47.651 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

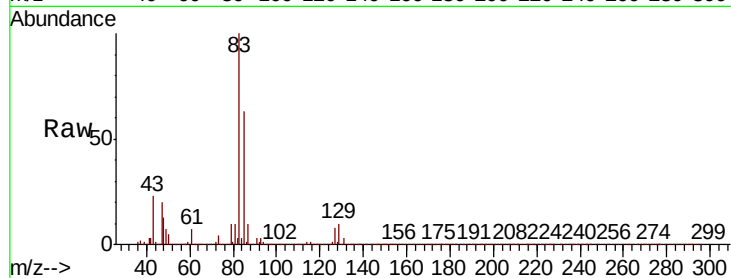
Tot Ion: 83 Resp: 880966

Ion Ratio Lower Upper

83 100

85 62.8 49.7 74.5

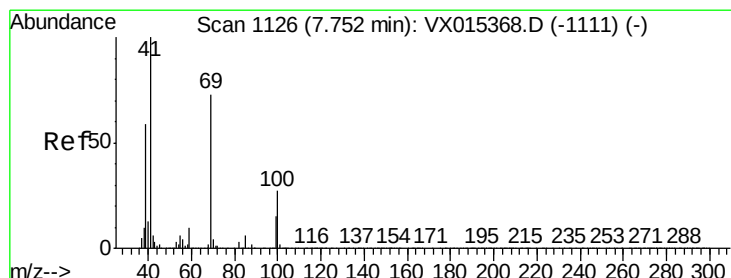
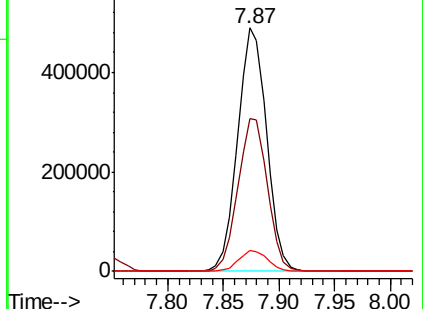
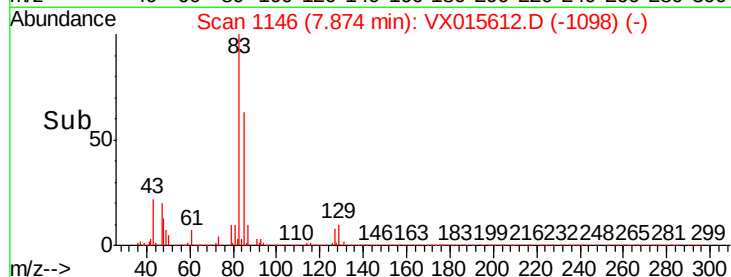
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.145 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

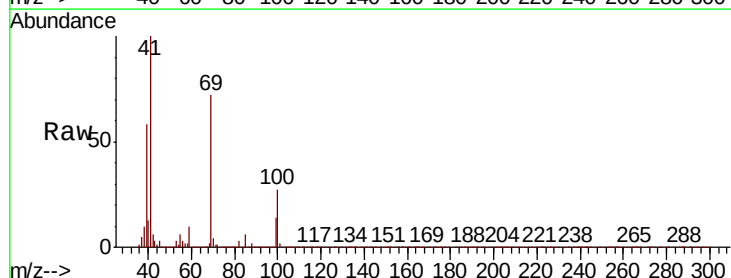
Tgt Ion: 41 Resp: 818115

Ion Ratio Lower Upper

41 100

69 71.6 56.7 85.1

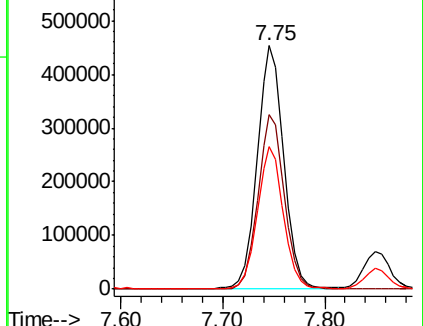
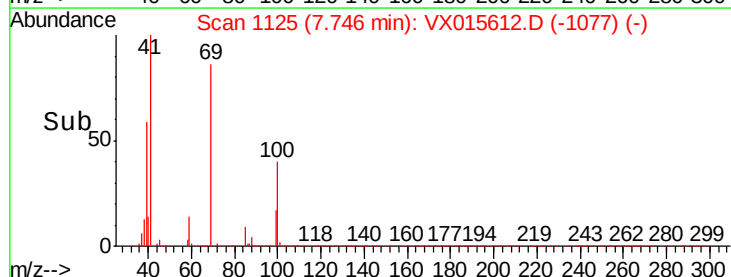
39 57.3 46.5 69.7

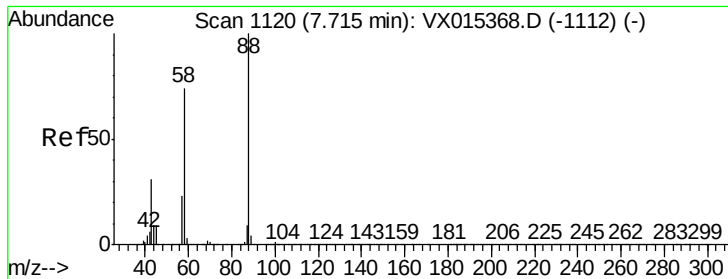


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 777.456 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

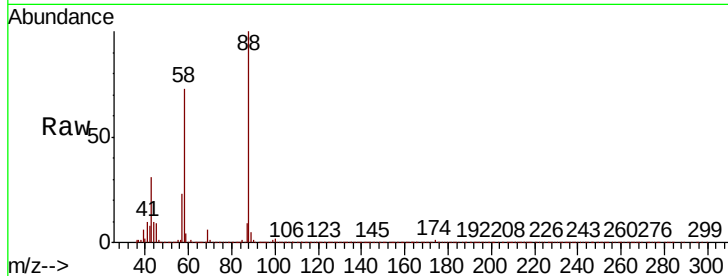
Tot Ion: 88 Resp: 262829

Ion	Ratio	Lower	Upper
88	100		
43	38.2	30.1	45.1
58	74.9	60.6	90.8

88 100

43 38.2 30.1 45.1

58 74.9 60.6 90.8

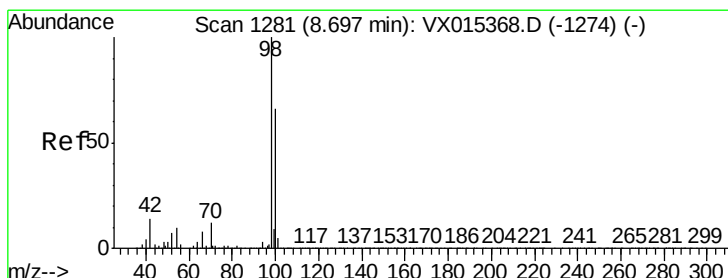
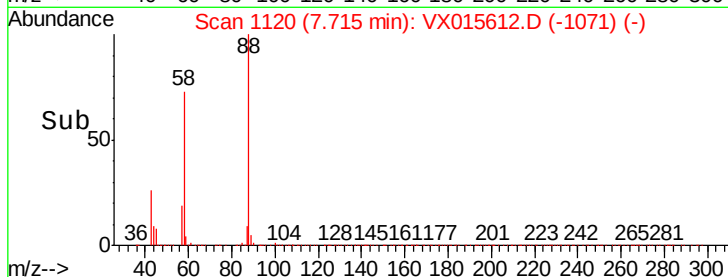
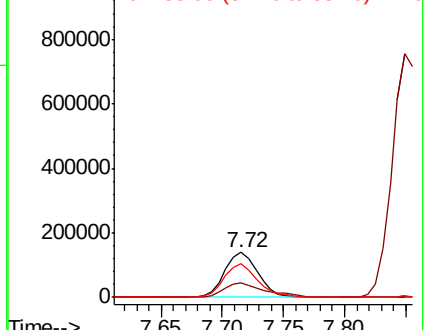


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.485 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015612.D

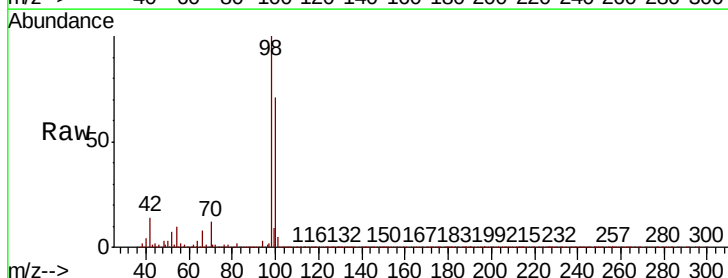
Acq: 10 Apr 2020 11:46

Tgt Ion: 98 Resp: 2086337

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.5	80.3

98 100

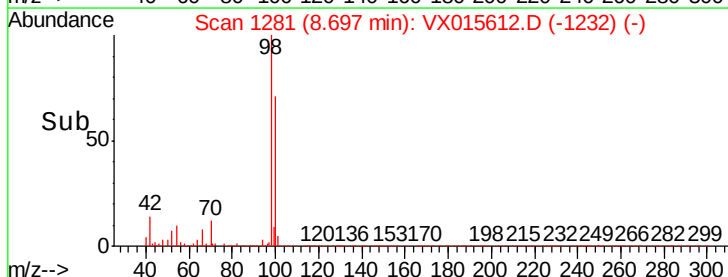
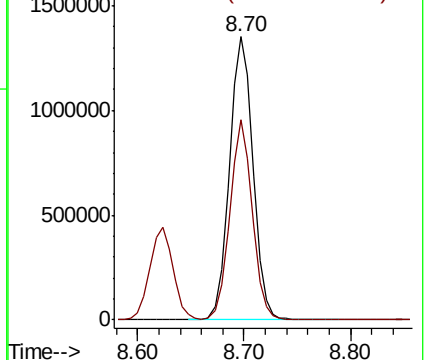
100 67.4 53.5 80.3

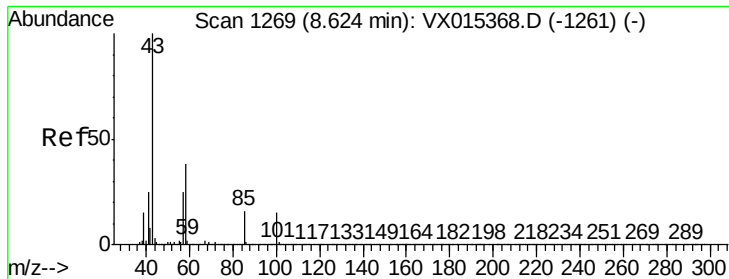


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 224.288 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

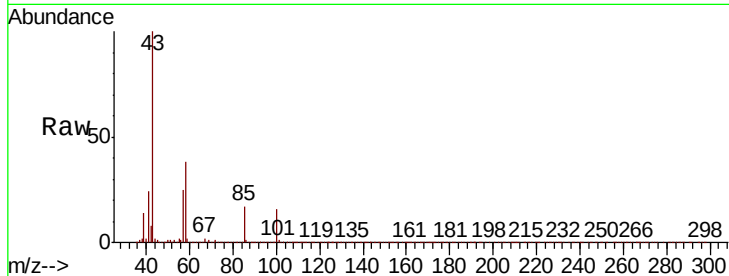
VSTDCCC050

Tot Ion: 43 Resp: 4611606

Ion Ratio Lower Upper

43 100

58 36.9 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

3000000

2500000

2000000

1500000

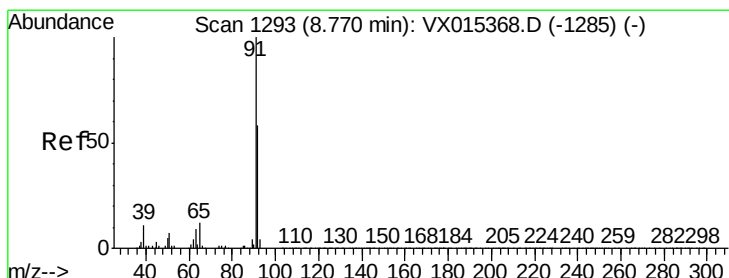
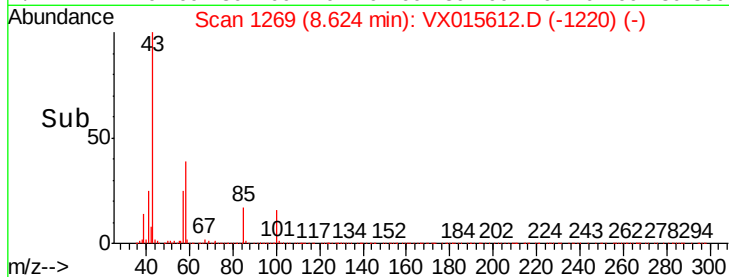
1000000

500000

0

Time-->

8.50 8.60 8.70 8.80



#52

Toluene

Concen: 49.303 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015612.D

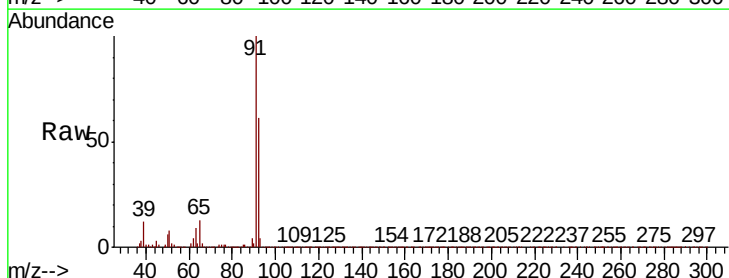
Acq: 10 Apr 2020 11:46

Tgt Ion: 92 Resp: 1469695

Ion Ratio Lower Upper

92 100

91 167.5 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

1500000

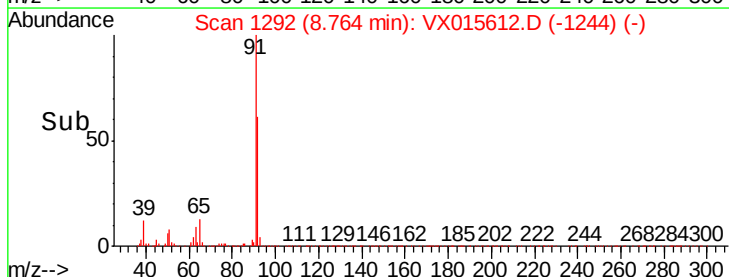
1000000

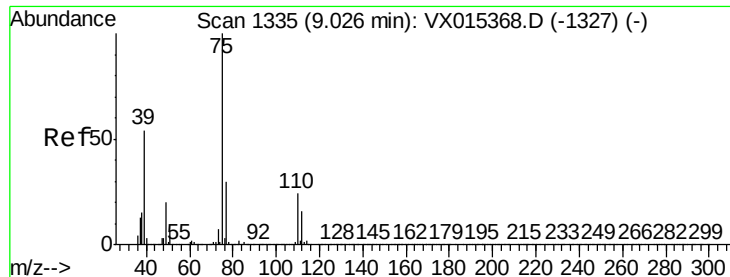
500000

0

Time-->

8.70 8.80 8.90

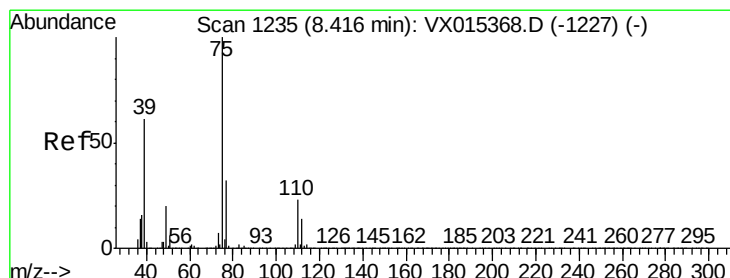
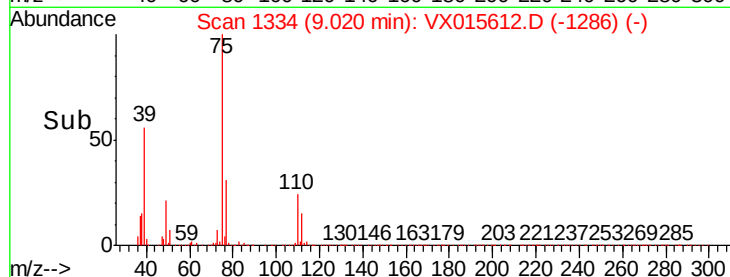
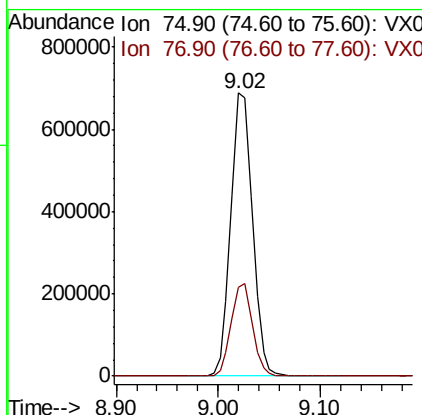
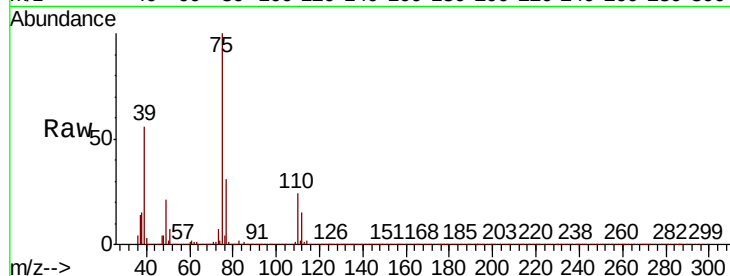




#53
t-1,3-Dichloropropene
Concen: 46.700 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

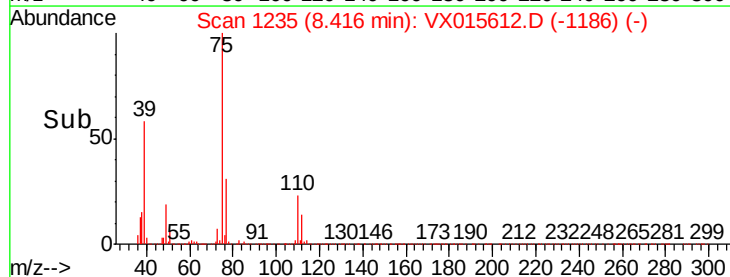
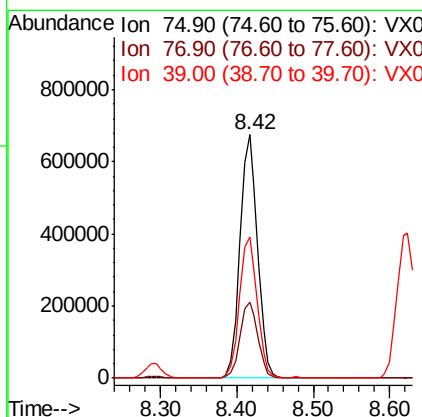
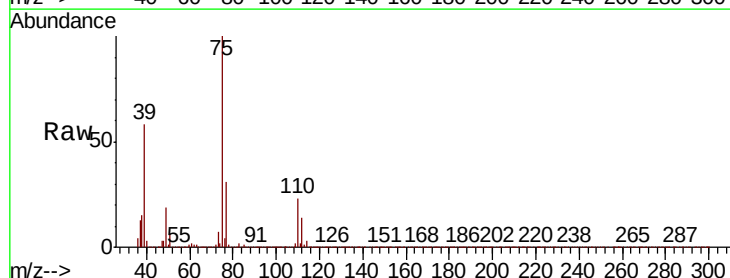
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

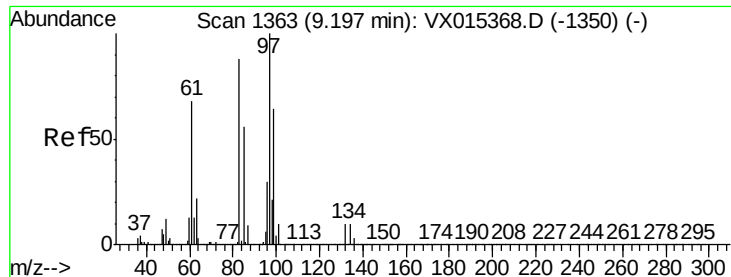
Tot Ion: 75 Resp: 1012603
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.323 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 75 Resp: 1067334
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6
39 57.8 49.0 73.4

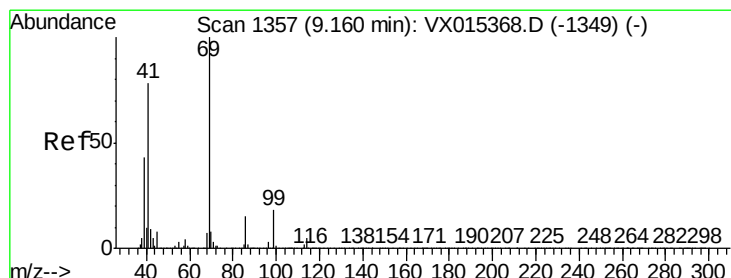
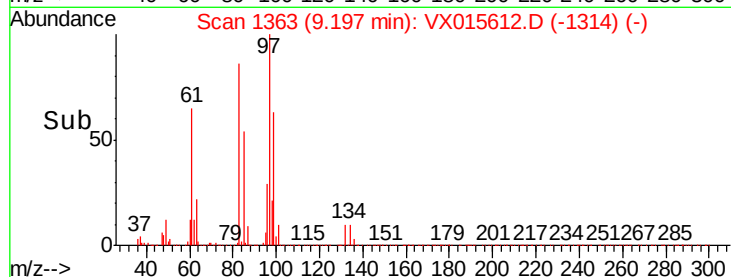
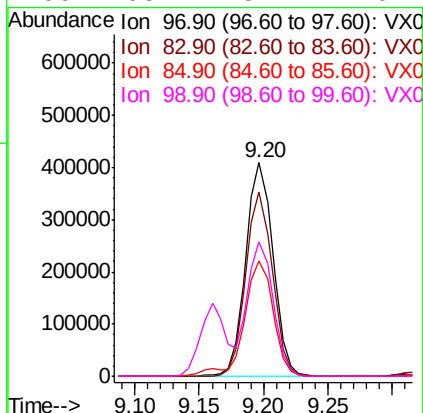
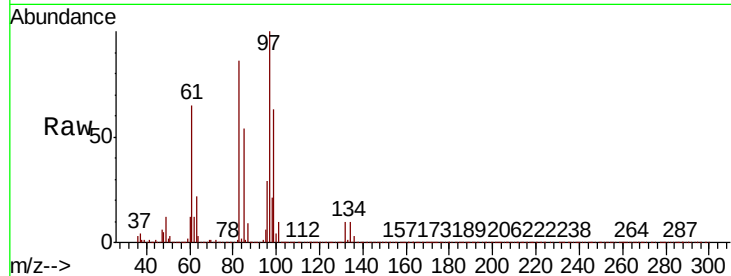




#55
 1,1,2-Trichloroethane
 Concen: 48.796 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

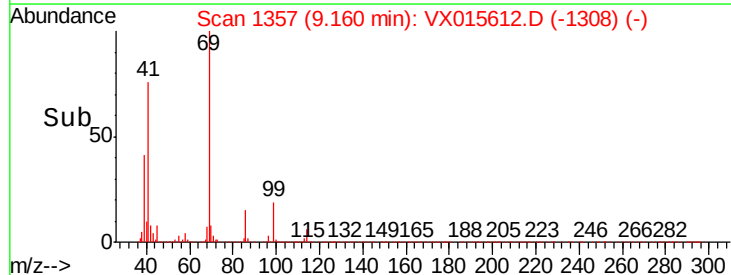
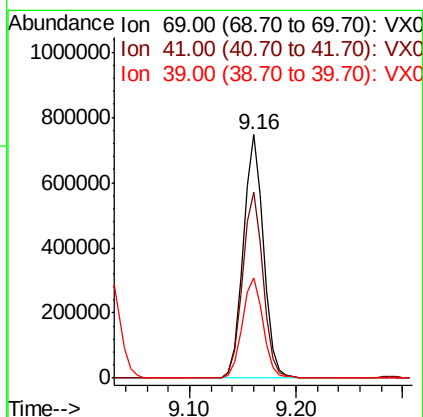
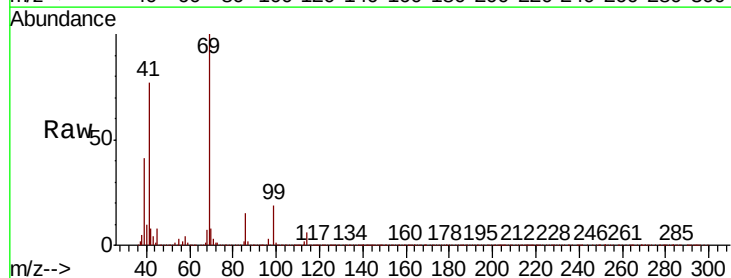
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

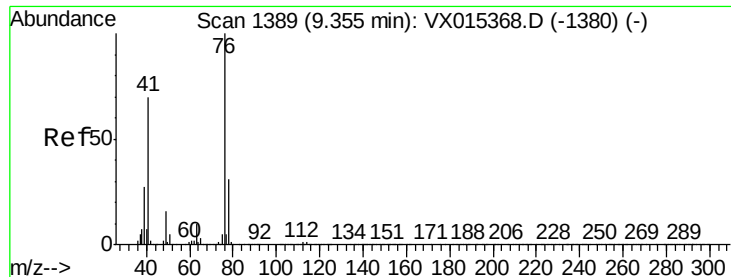
Tot Ion:	97	Resp:	595954
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.4
85	53.7	44.7	67.1
99	63.1	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 46.169 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion:	69	Resp:	993741
Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.6	92.4
39	42.2	34.0	51.0





#57

1,3-Dichloropropane

Concen: 46.867 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

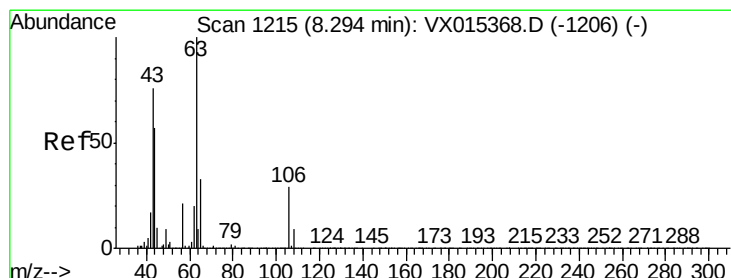
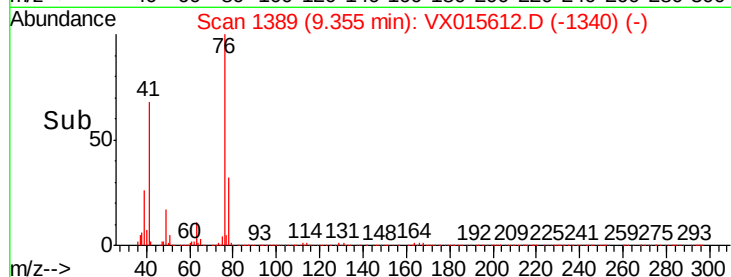
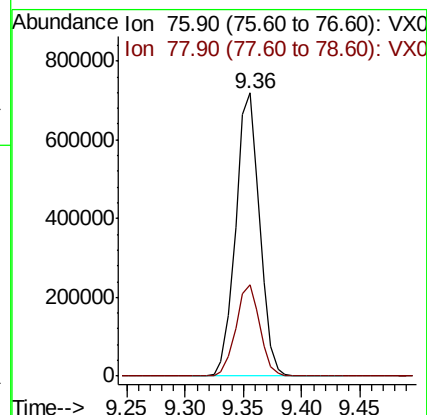
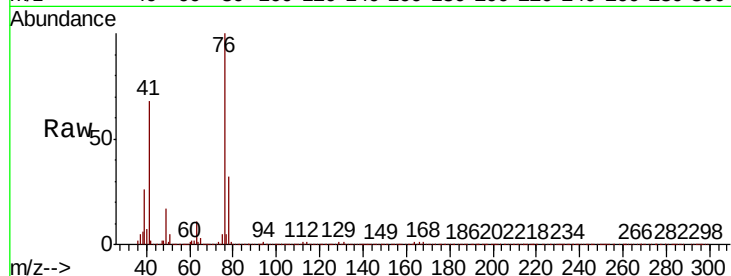
VSTDCCC050

Tot Ion: 76 Resp: 1031258

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.214 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015612.D

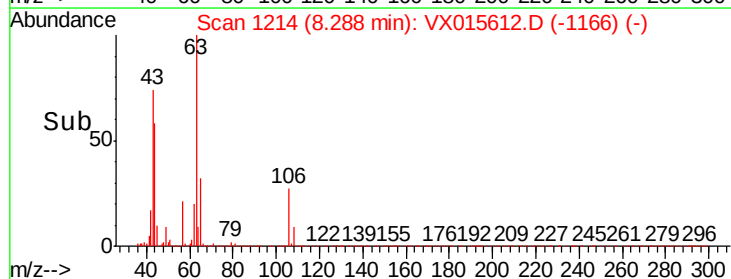
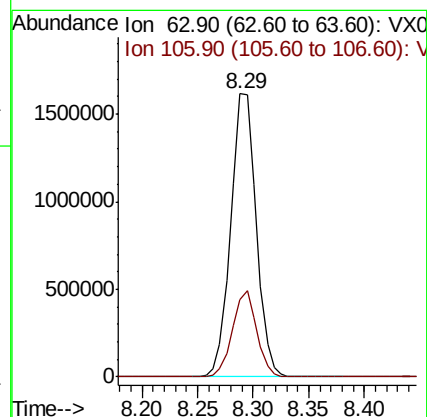
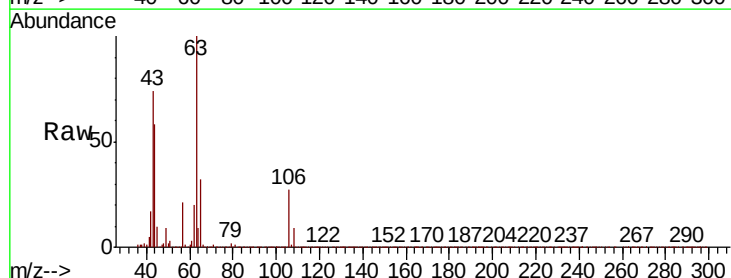
Acq: 10 Apr 2020 11:46

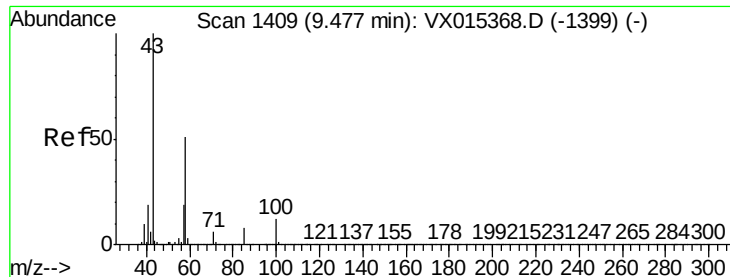
Tgt Ion: 63 Resp: 2556762

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1

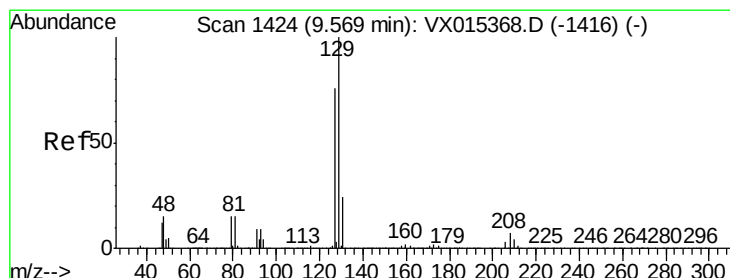
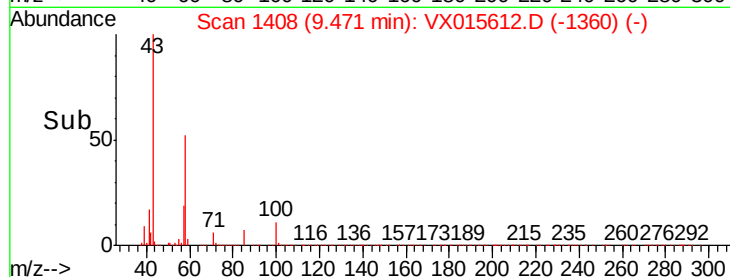
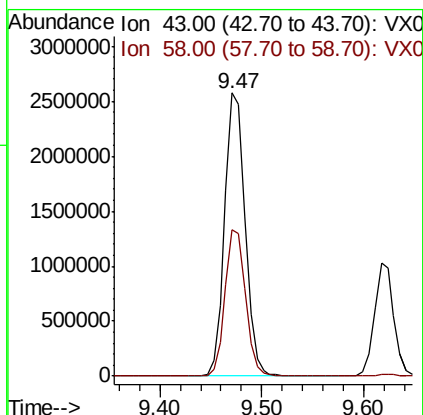
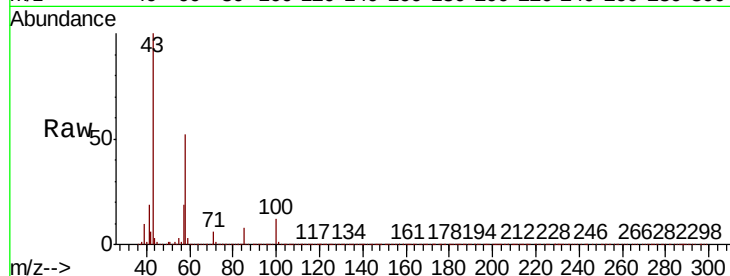




#59
2-Hexanone
Concen: 231.477 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

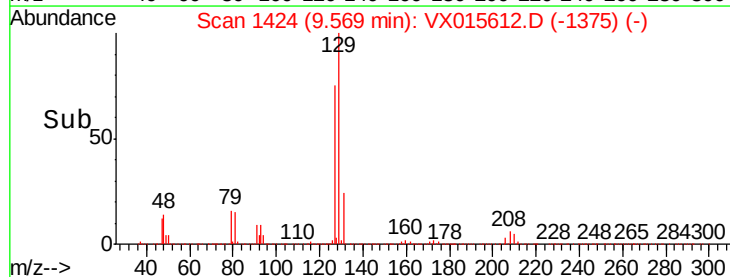
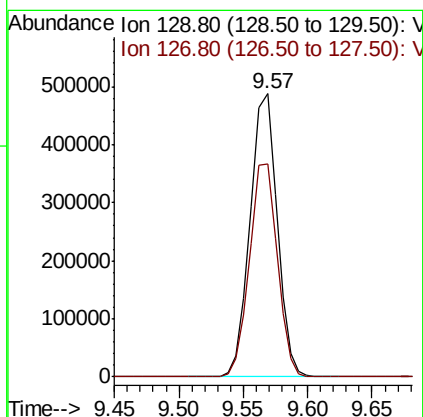
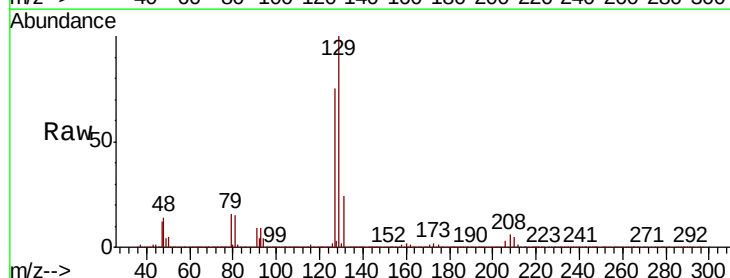
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

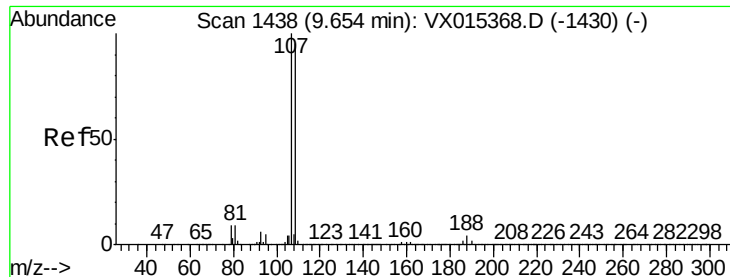
Tot Ion: 43 Resp: 3593254
Ion Ratio Lower Upper
43 100
58 51.8 25.6 76.6



#60
Dibromochloromethane
Concen: 48.107 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion: 129 Resp: 706004
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.102 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

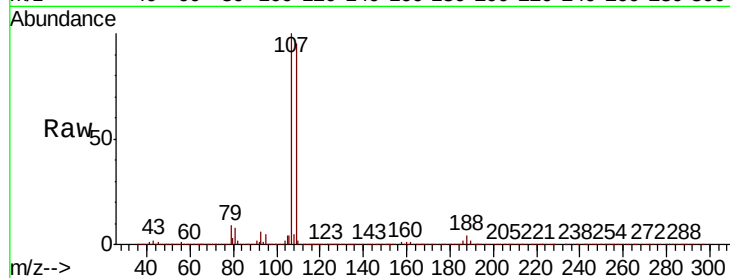
VSTDCCC050

Tot Ion: 107 Resp: 638786

Ion Ratio Lower Upper

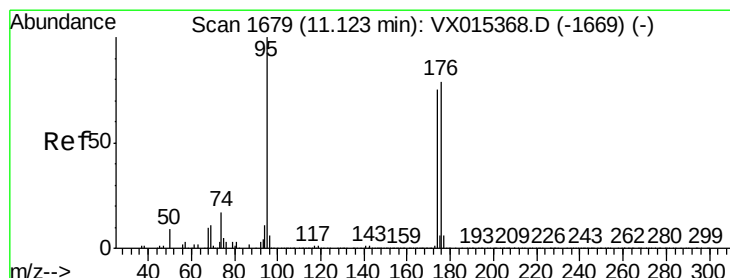
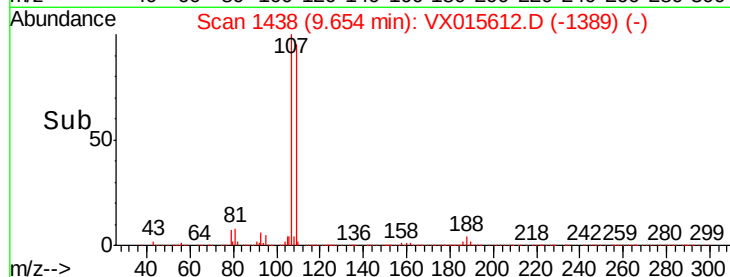
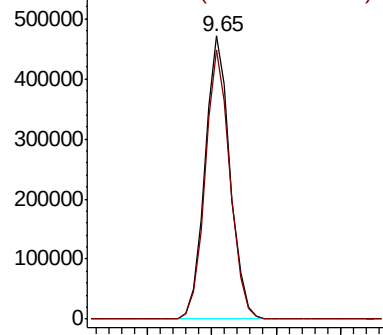
107 100

109 94.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.449 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

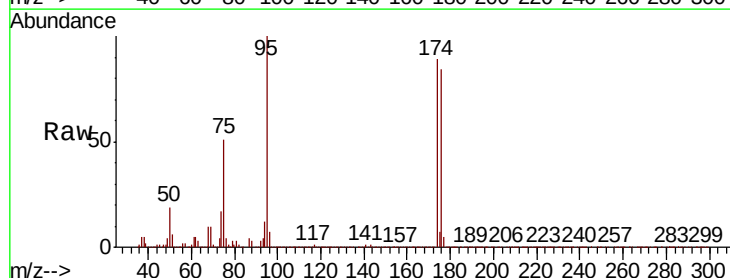
Tgt Ion: 95 Resp: 864402

Ion Ratio Lower Upper

95 100

174 84.6 0.0 158.6

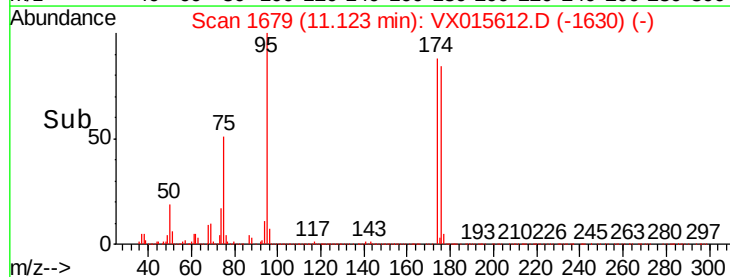
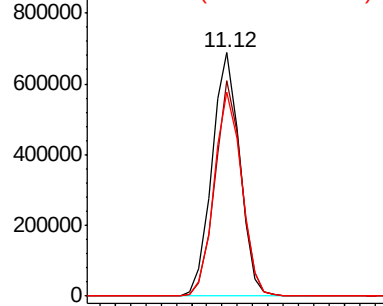
176 83.6 0.0 159.0

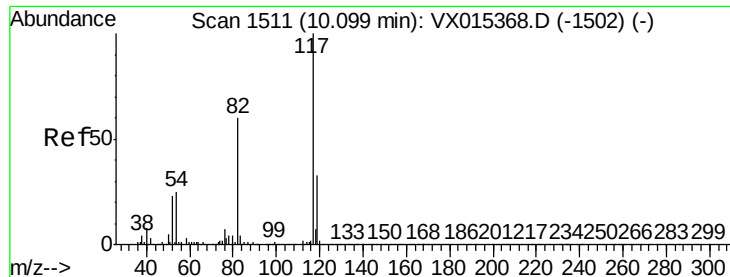


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

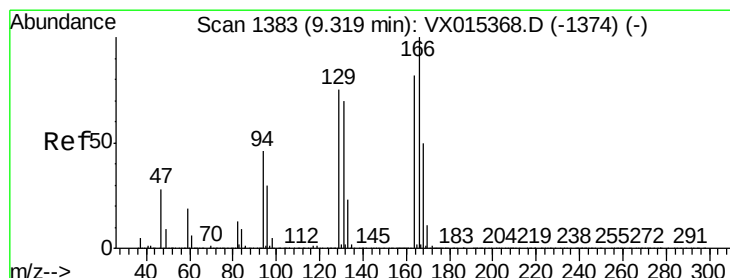
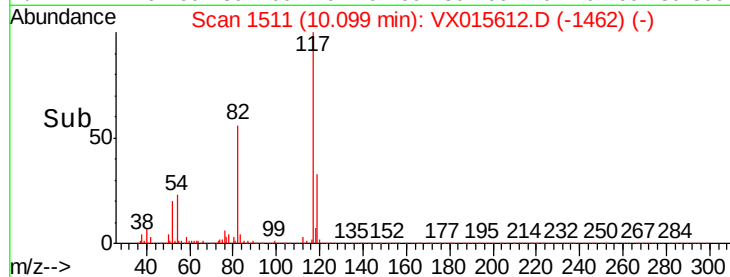
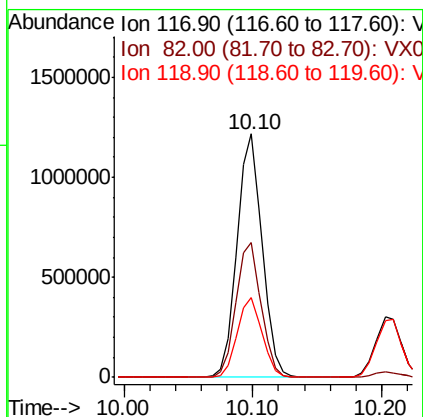
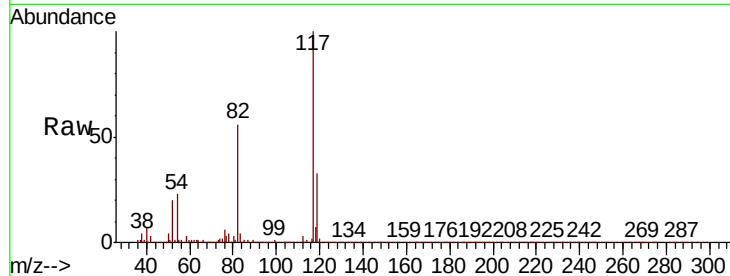




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

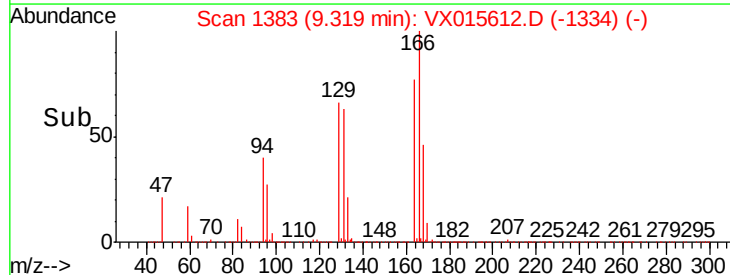
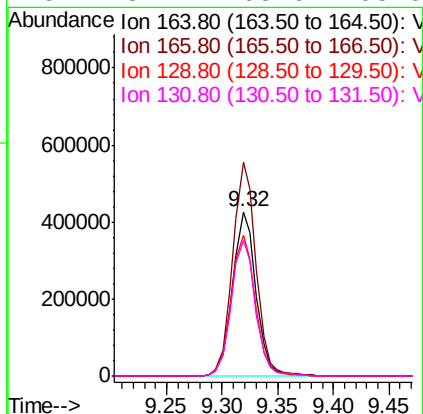
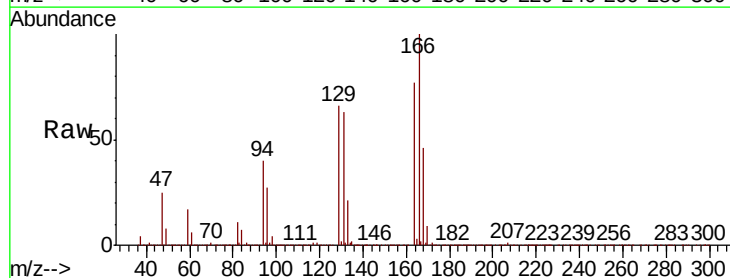
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

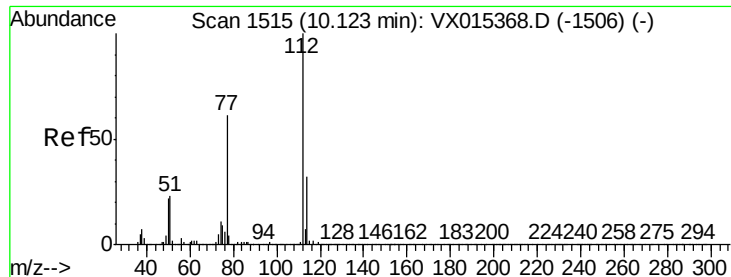
Tot Ion:117 Resp: 1638680
Ion Ratio Lower Upper
117 100
82 55.6 47.8 71.8
119 32.7 26.8 40.2



#64
Tetrachloroethene
Concen: 50.222 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:164 Resp: 621086
Ion Ratio Lower Upper
164 100
166 130.1 97.8 146.6
129 85.5 73.0 109.4
131 82.4 68.6 103.0

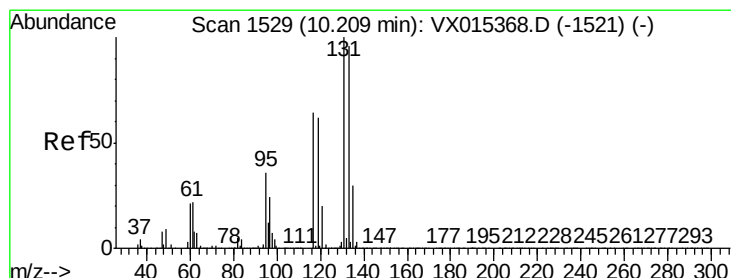
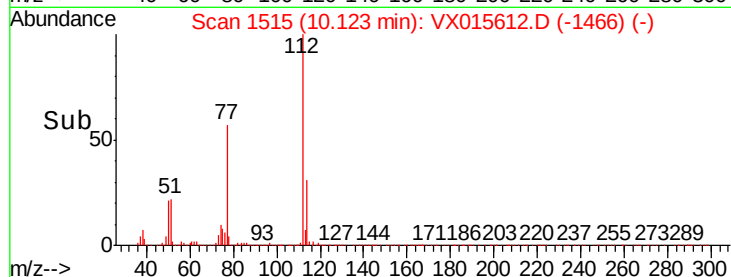
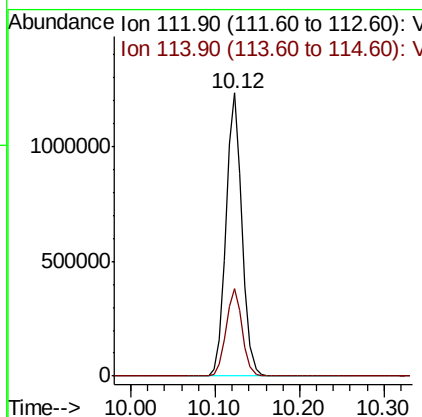
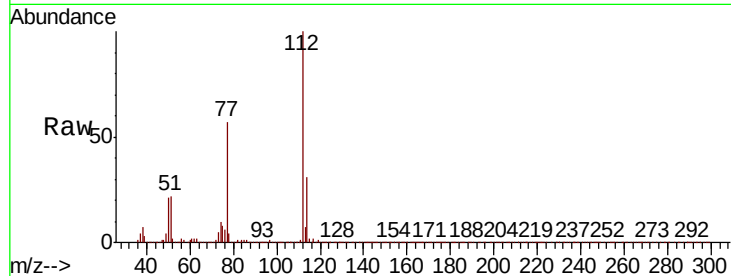




#65
Chlorobenzene
Concen: 49.369 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

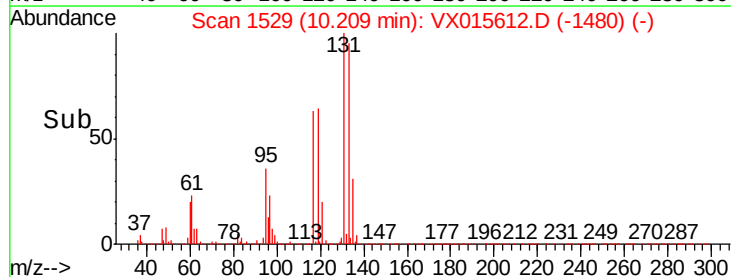
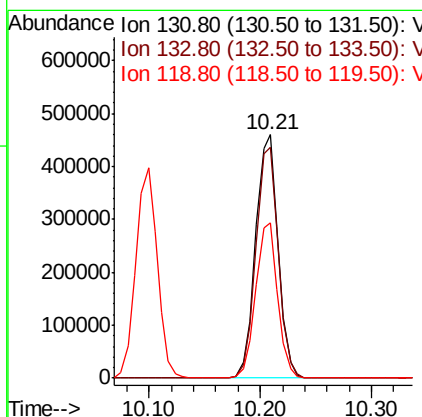
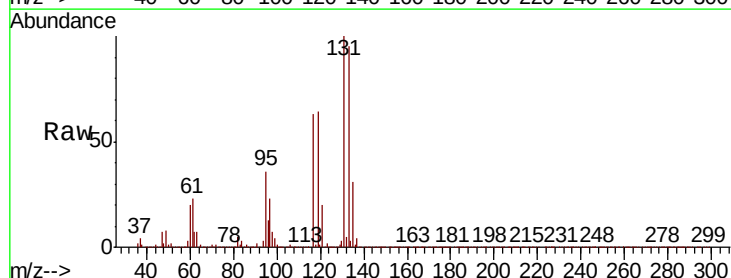
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

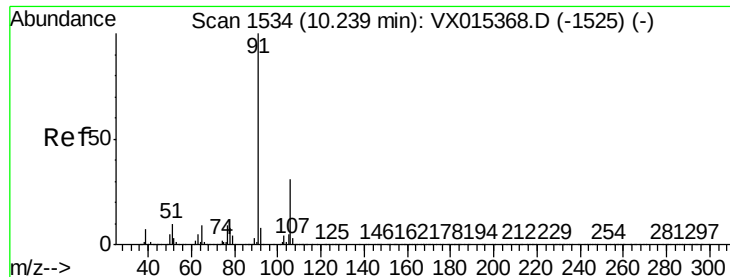
Tot Ion:112 Resp: 1613396
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.487 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:131 Resp: 646097
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 62.2 31.1 93.3





#67

Ethyl Benzene

Concen: 49.588 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

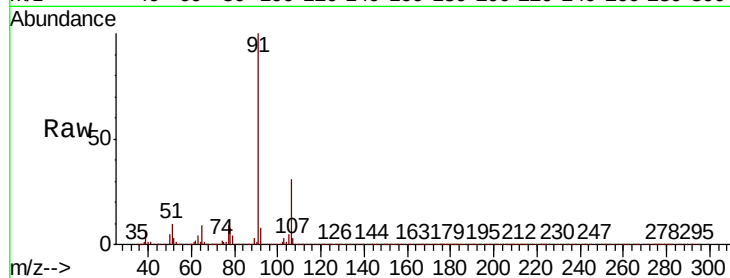
VSTDCCC050

Tot Ion: 91 Resp: 2874186

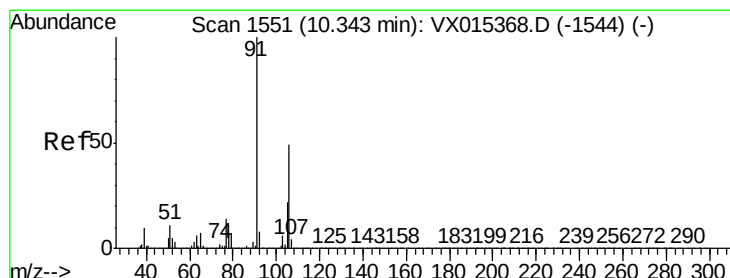
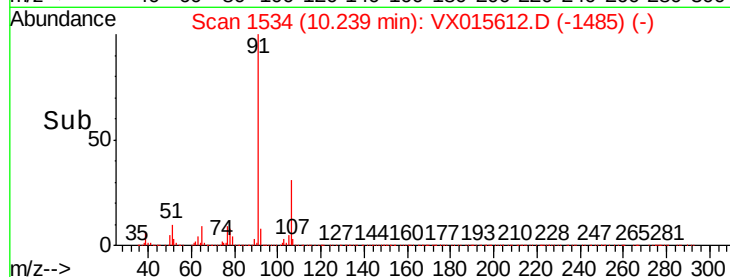
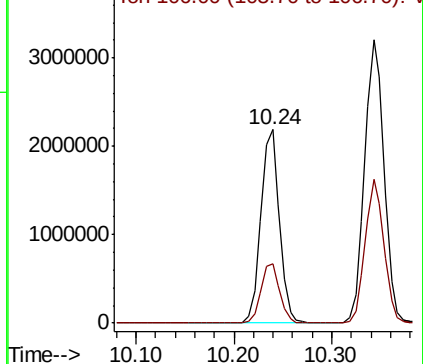
Ion Ratio Lower Upper

91 100

106 30.9 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1525) (-)



#68

m/p-Xylenes

Concen: 101.170 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015612.D

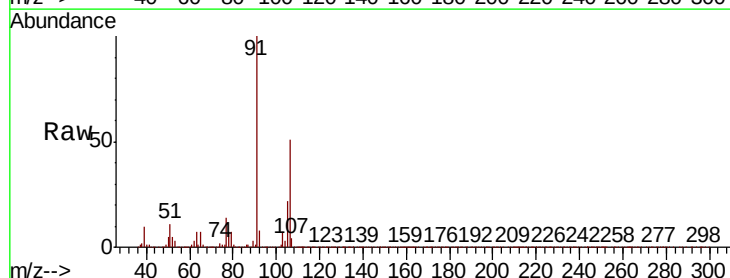
Acq: 10 Apr 2020 11:46

Tgt Ion: 106 Resp: 2183537

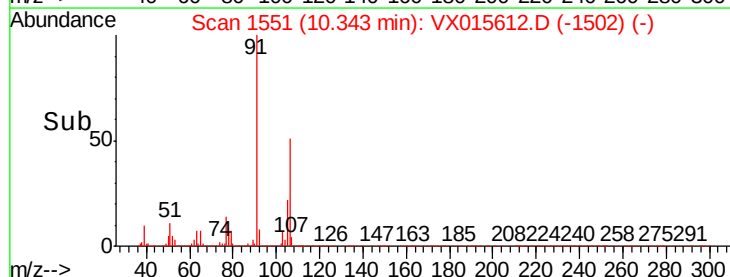
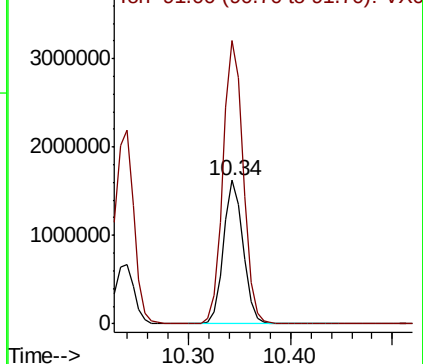
Ion Ratio Lower Upper

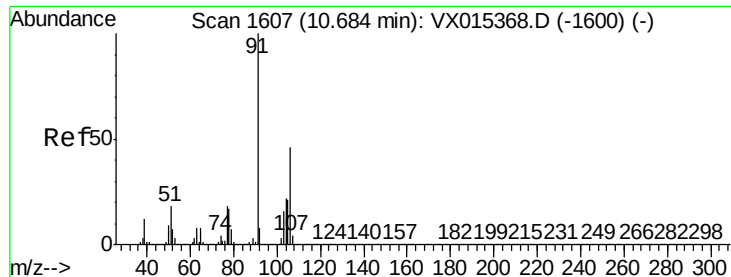
106 100

91 202.1 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): VX015368.D (-1544) (-)

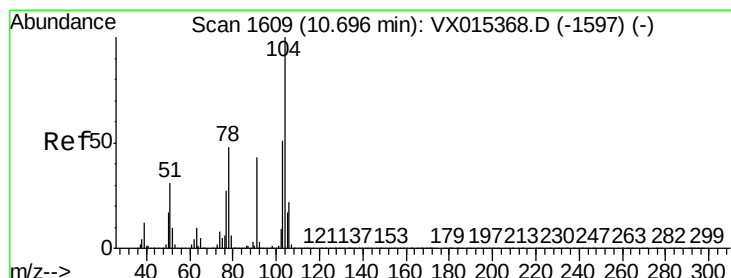
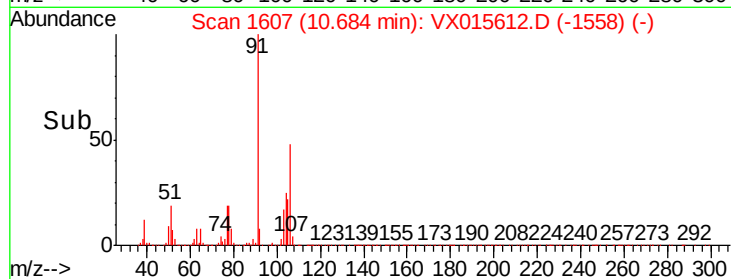
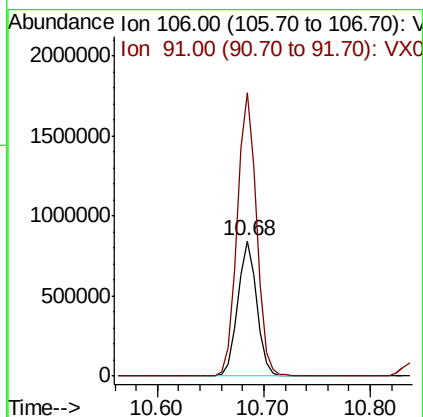
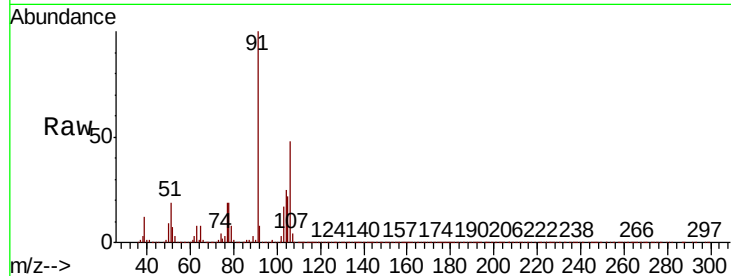




#69
o-Xylene
Concen: 49.716 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

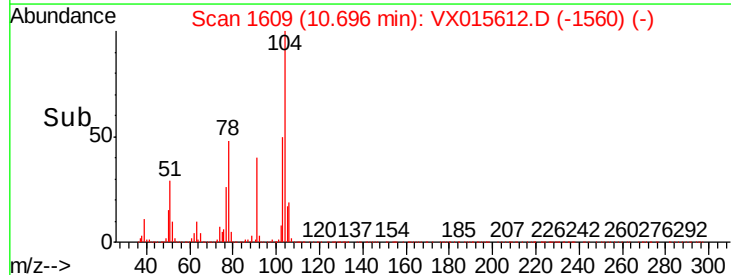
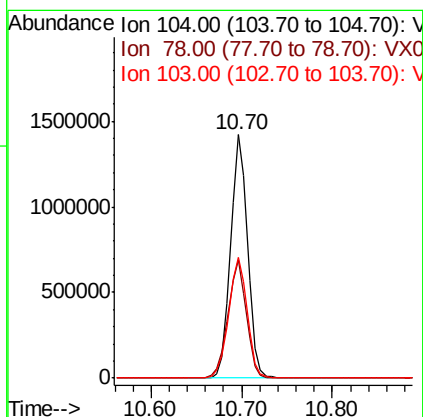
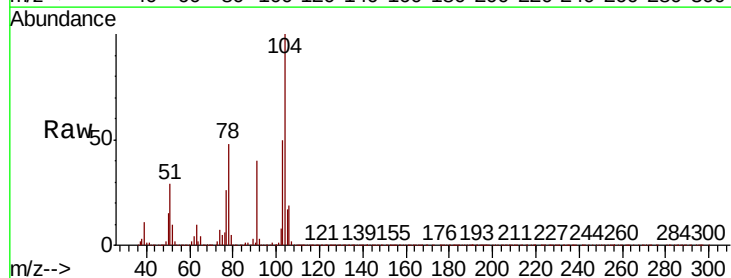
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

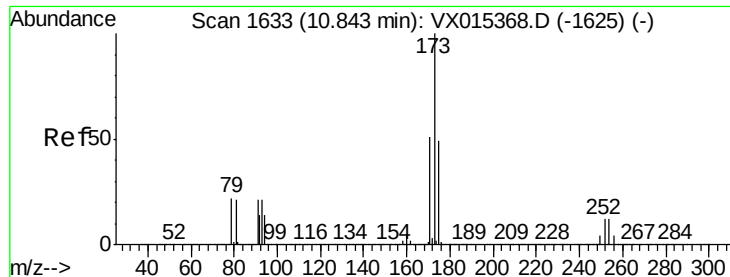
Tot Ion:106 Resp: 1060312
Ion Ratio Lower Upper
106 100
91 212.6 107.1 321.3



#70
Styrene
Concen: 49.126 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:104 Resp: 1843660
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.1 43.4 65.0

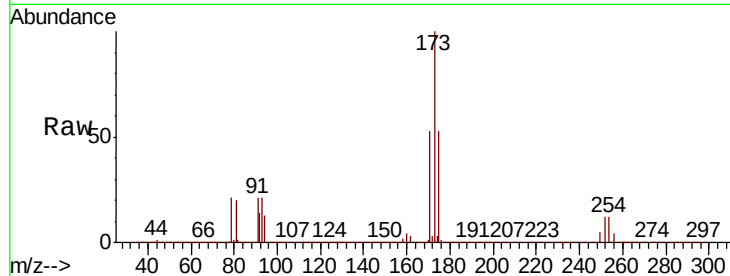




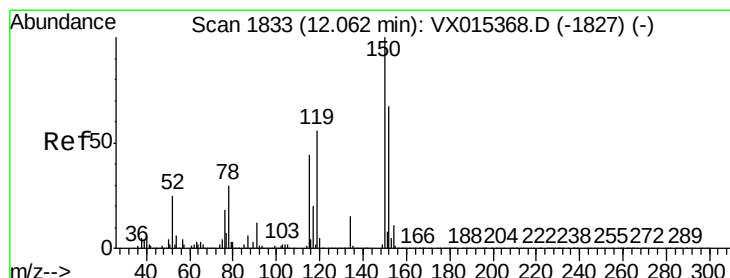
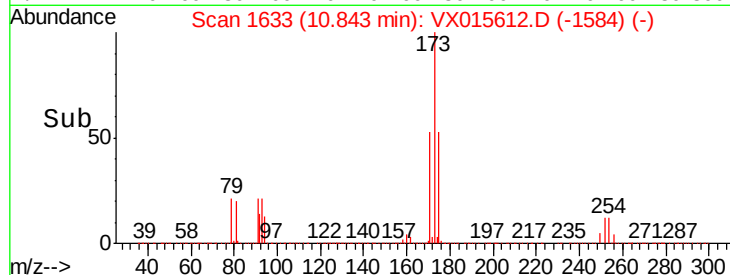
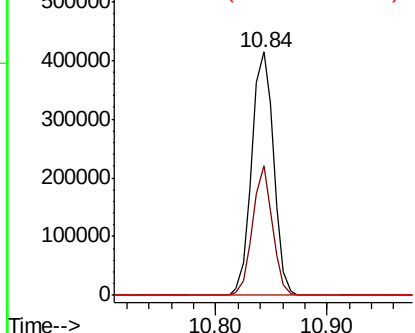
#71
Bromoform
Concen: 47.925 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 569603
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.7
254 0.3 0.1 0.1#

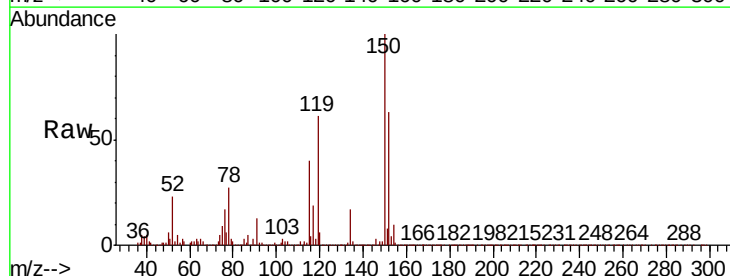


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

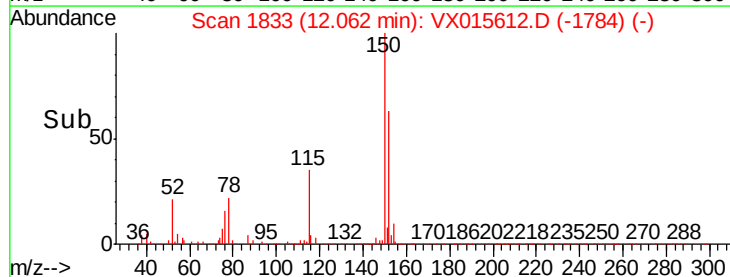
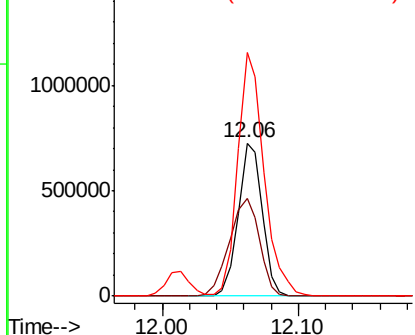


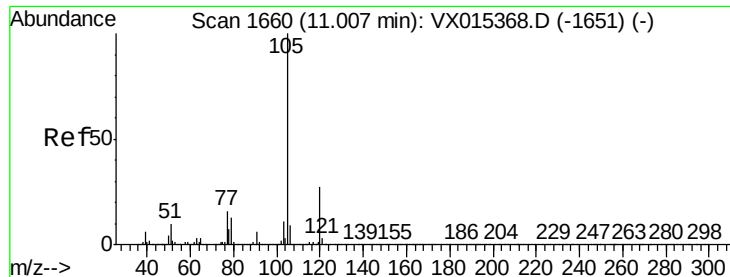
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015612.D
Acq: 10 Apr 2020 11:46

Tgt Ion:152 Resp: 884210
Ion Ratio Lower Upper
152 100
115 80.5 39.0 116.9
150 175.5 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.510 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

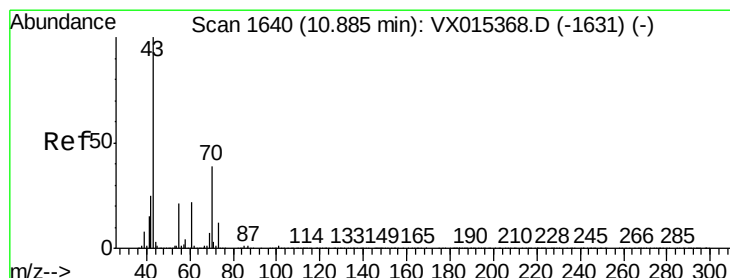
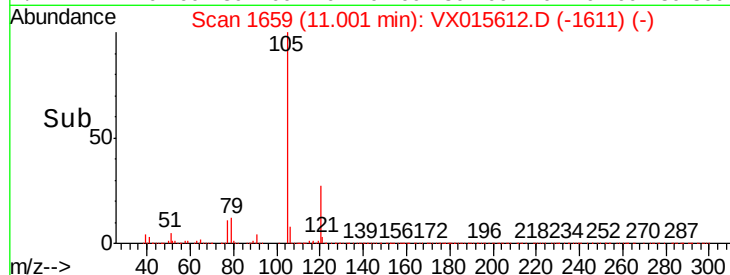
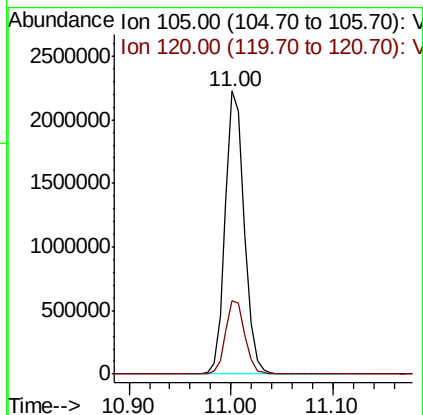
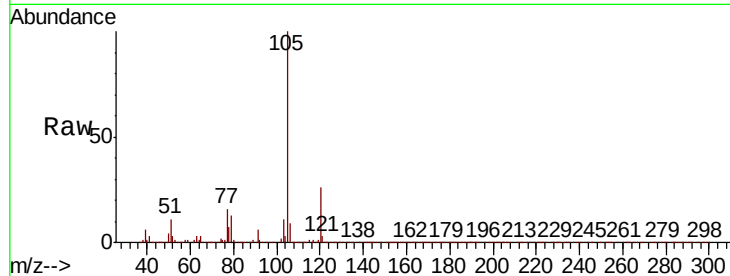
VSTDCCC050

Tot Ion:105 Resp: 2868375

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 44.090 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion: 43 Resp: 1420676

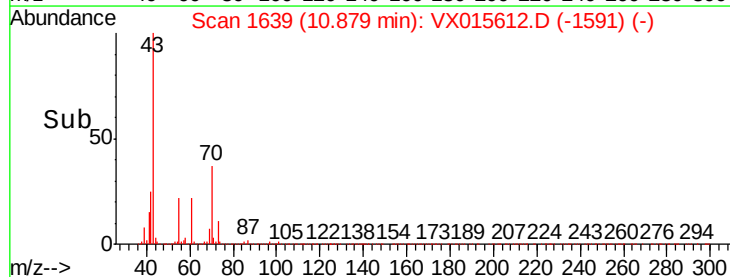
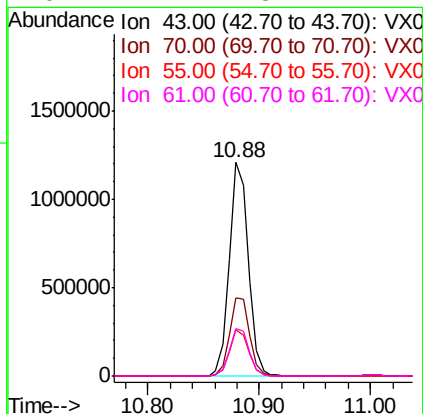
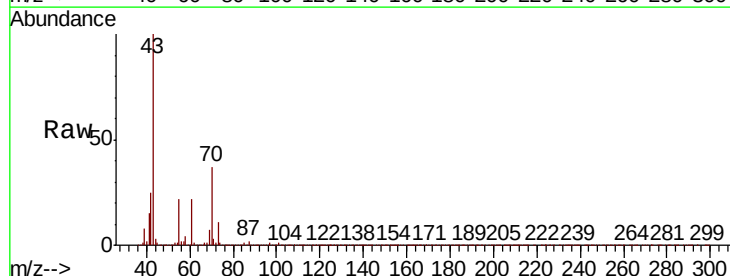
Ion Ratio Lower Upper

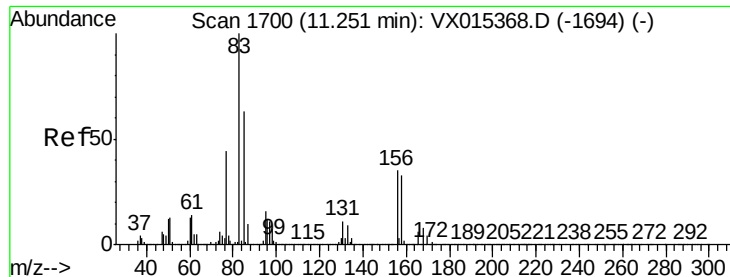
43 100

70 38.3 30.2 45.4

55 22.0 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.228 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

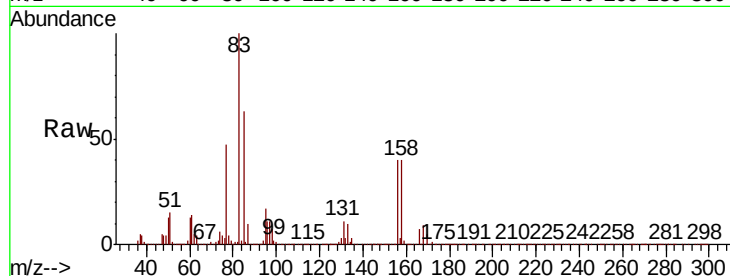
Tot Ion: 83 Resp: 899129

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

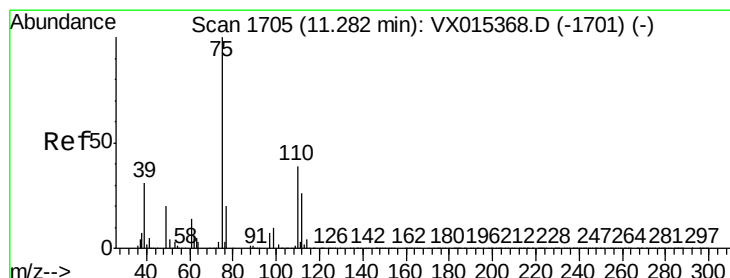
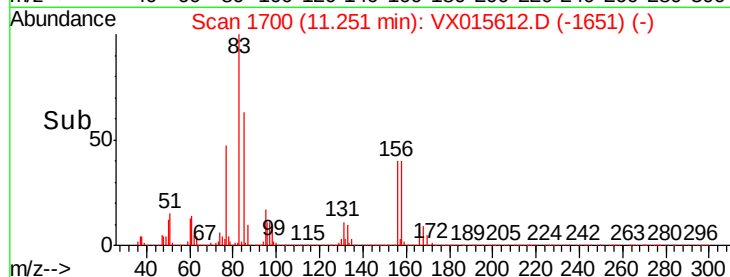
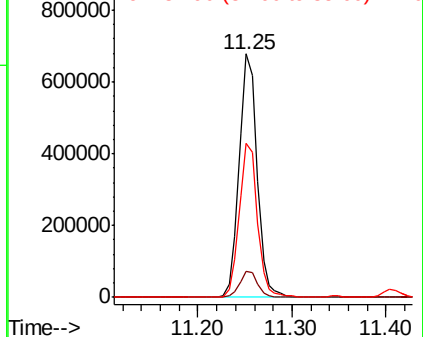
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.968 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015612.D

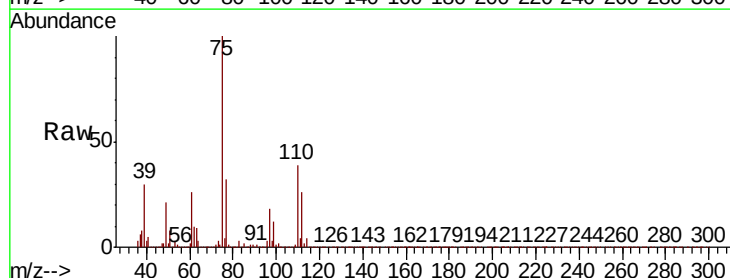
Acq: 10 Apr 2020 11:46

Tgt Ion: 75 Resp: 1108592

Ion Ratio Lower Upper

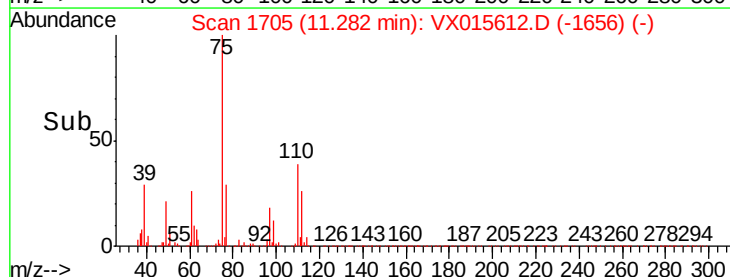
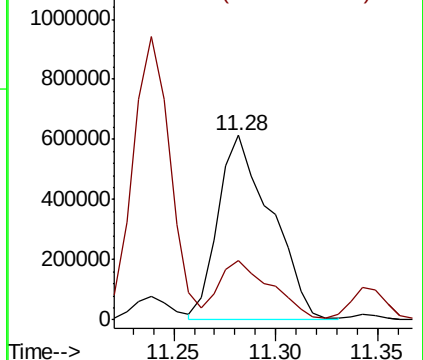
75 100

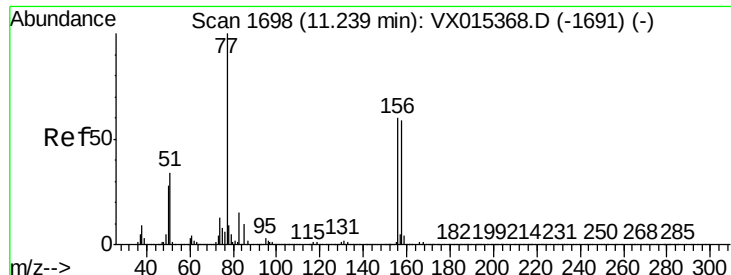
77 31.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.423 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

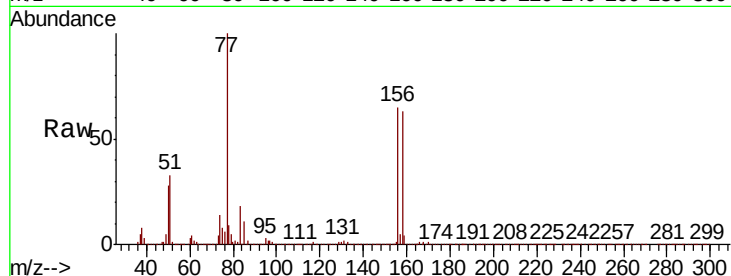
Tot Ion:156 Resp: 763751

Ion Ratio Lower Upper

156 100

77 156.9 82.2 246.5

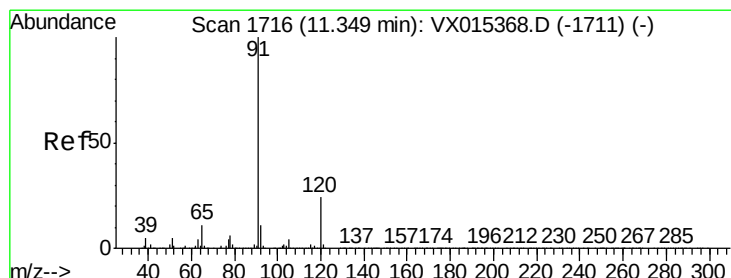
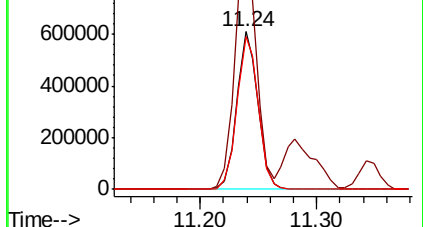
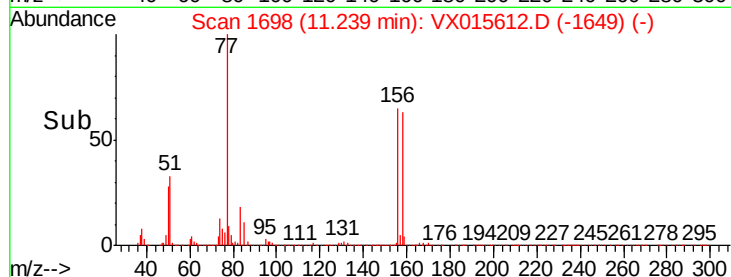
158 98.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.383 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015612.D

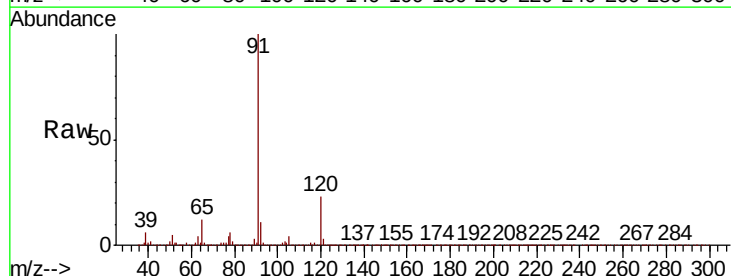
Acq: 10 Apr 2020 11:46

Tgt Ion: 91 Resp: 3271511

Ion Ratio Lower Upper

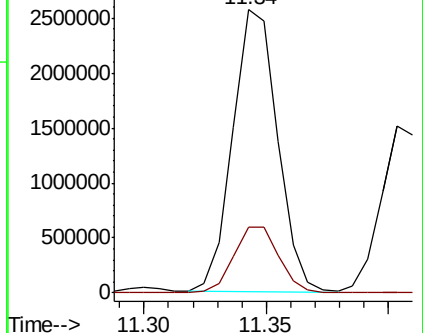
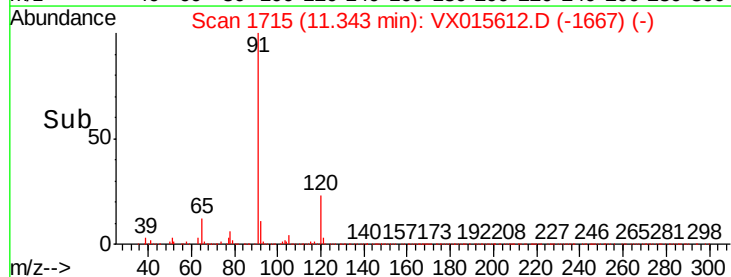
91 100

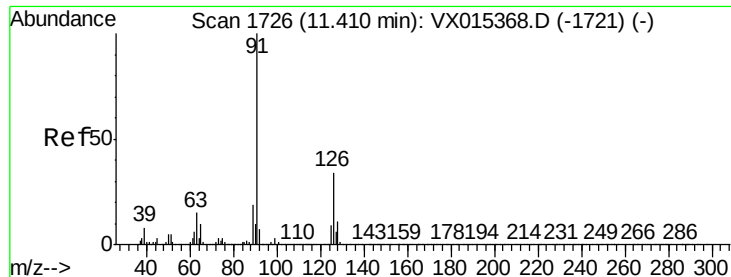
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.182 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

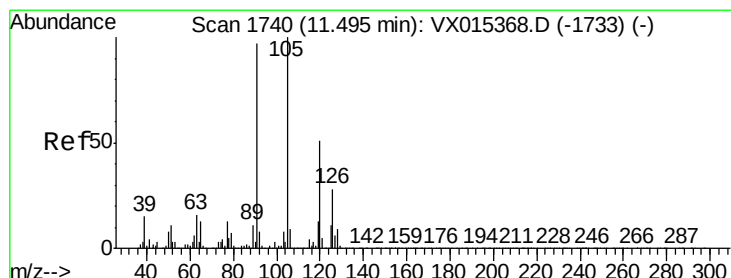
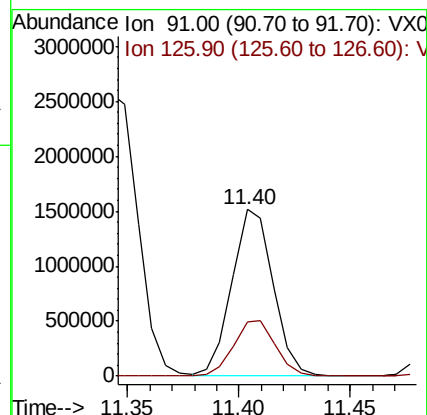
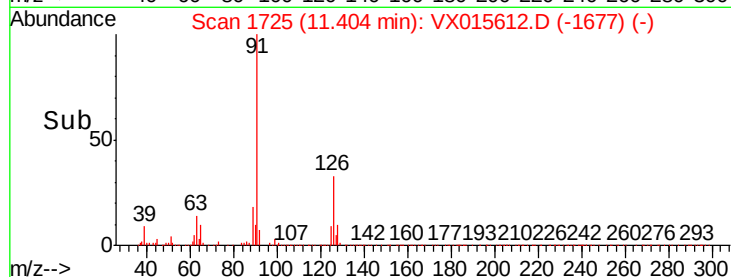
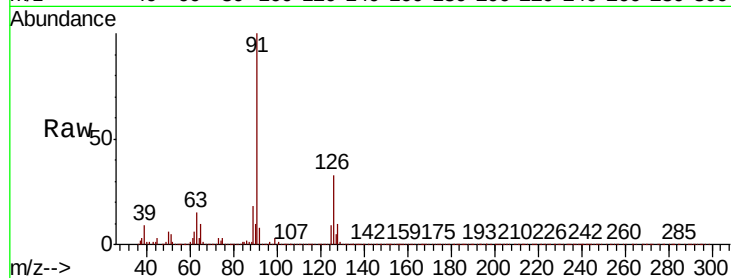
VSTDCCC050

Tot Ion: 91 Resp: 1956414

Ion Ratio Lower Upper

91 100

126 34.0 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 49.000 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015612.D

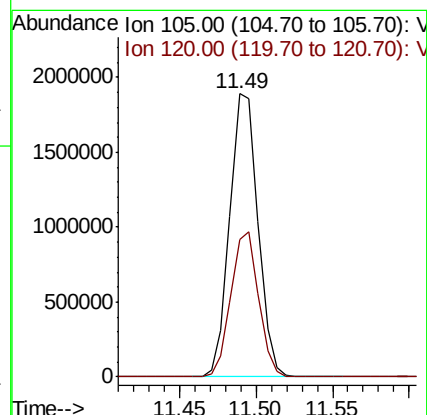
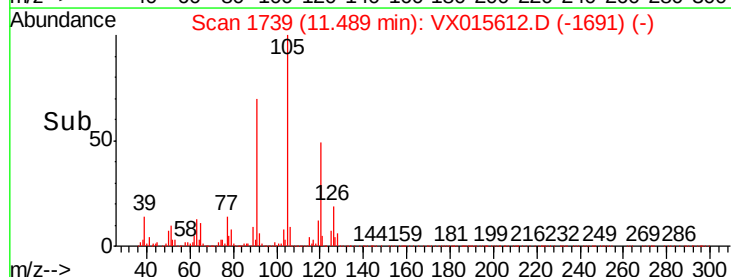
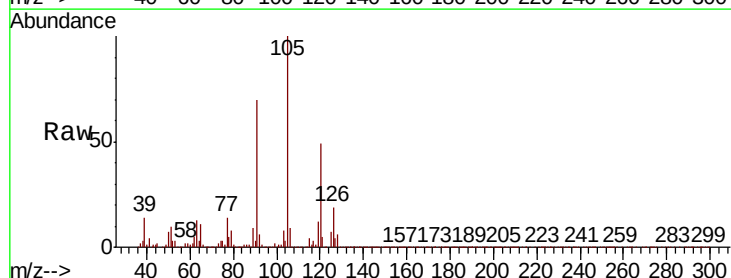
Acq: 10 Apr 2020 11:46

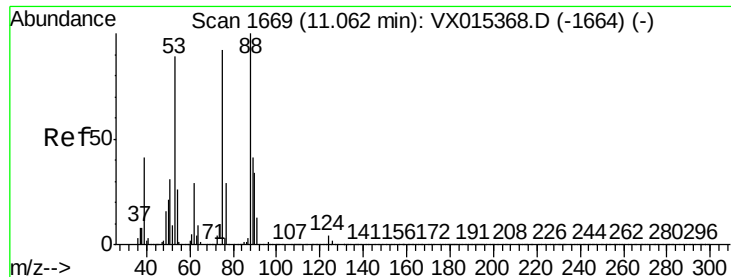
Tgt Ion: 105 Resp: 2424457

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.480 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

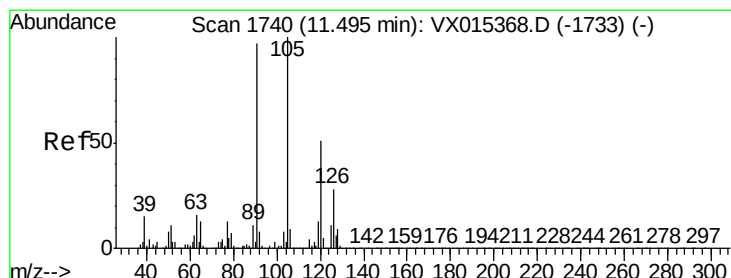
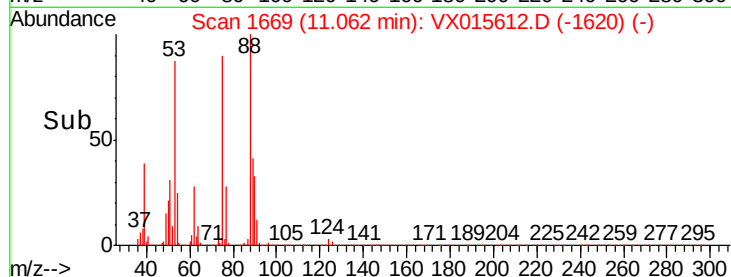
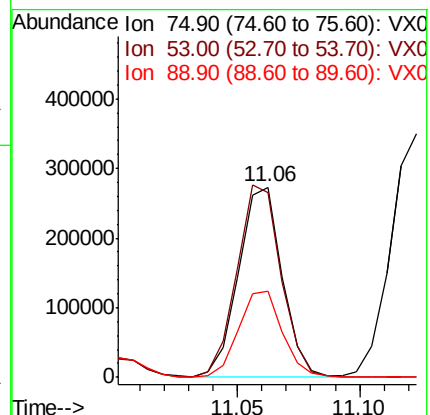
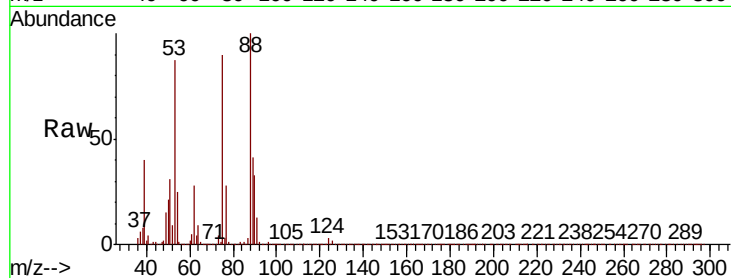
Tot Ion: 75 Resp: 337069

Ion Ratio Lower Upper

75 100

53 102.2 80.1 120.1

89 46.3 36.1 54.1



#82

4-Chlorotoluene

Concen: 48.606 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015612.D

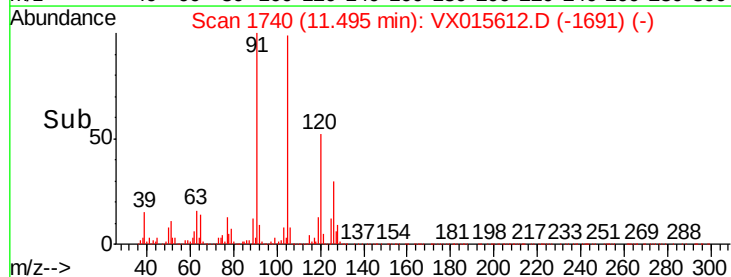
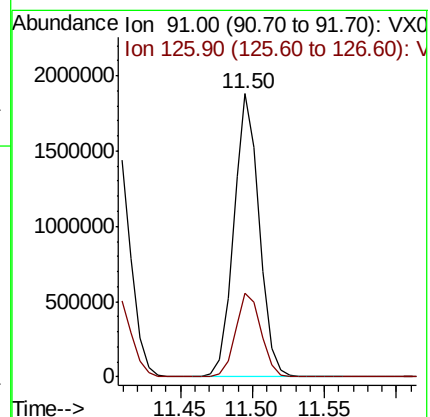
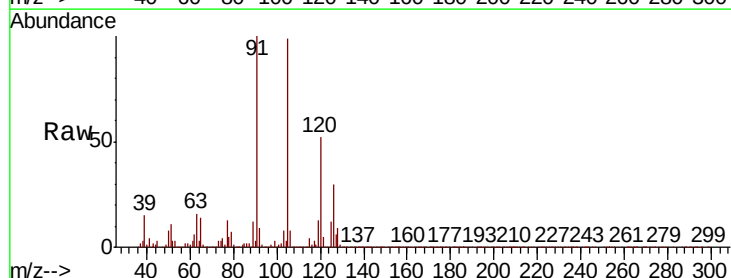
Acq: 10 Apr 2020 11:46

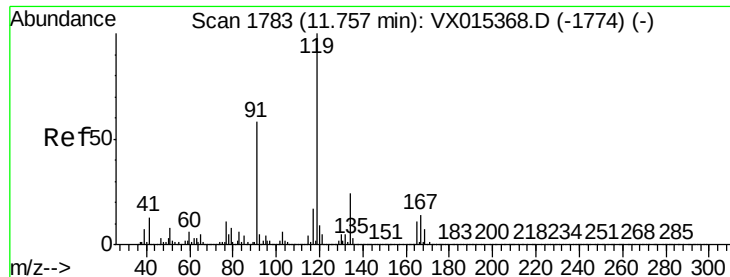
Tgt Ion: 91 Resp: 2313701

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1

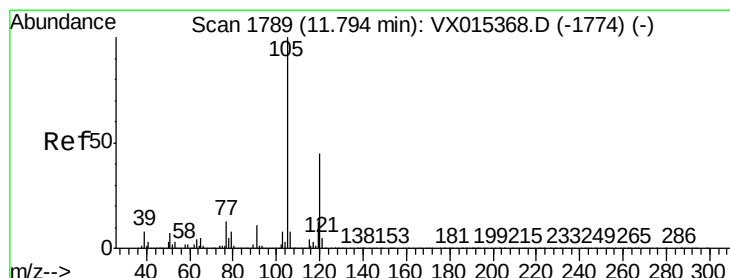
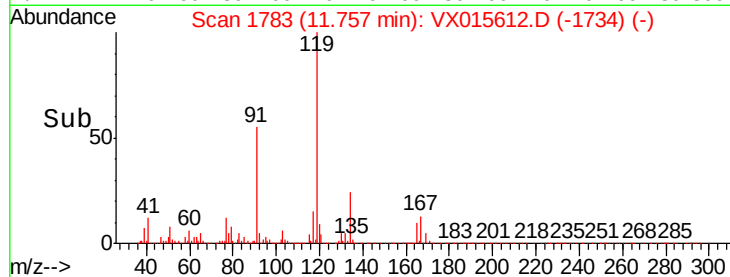
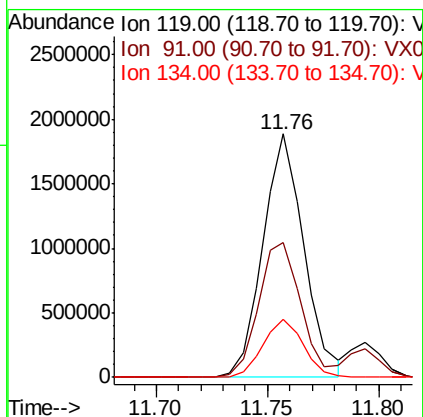
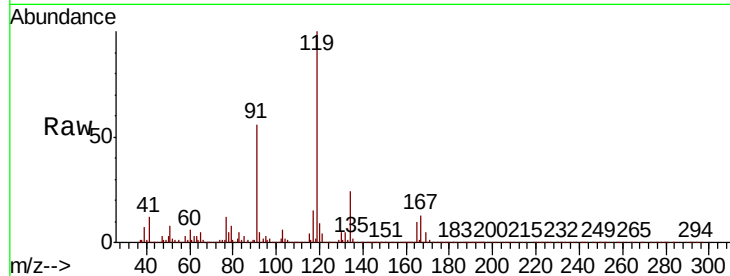




#83
 tert-Butylbenzene
 Concen: 49.788 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

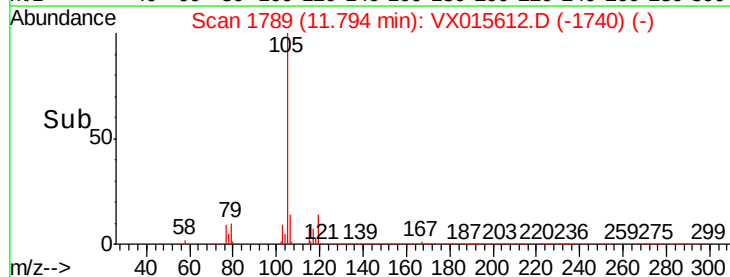
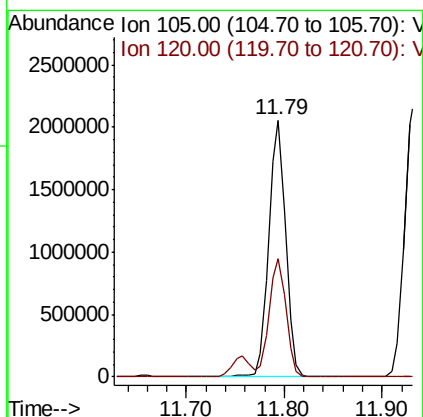
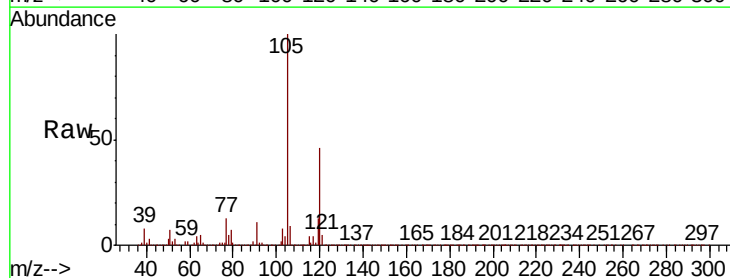
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

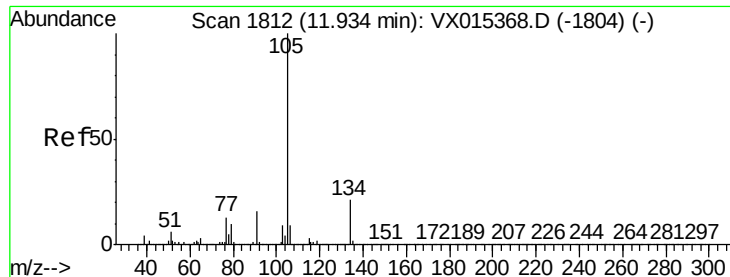
Tot Ion:119 Resp: 2406237
 Ion Ratio Lower Upper
 119 100
 91 56.5 28.6 85.8
 134 23.6 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 48.770 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion:105 Resp: 2459001
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.019 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

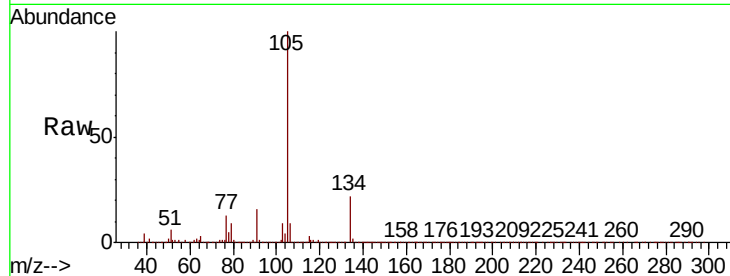
VSTDCCC050

Tot Ion:105 Resp: 2795848

Ion Ratio Lower Upper

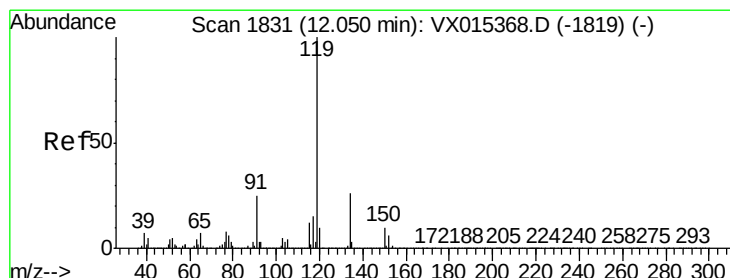
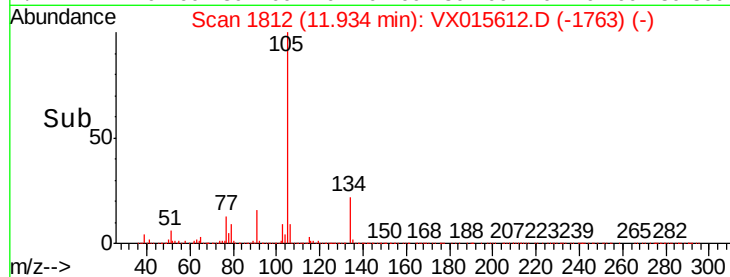
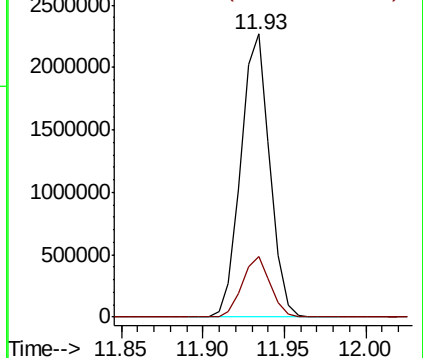
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.613 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

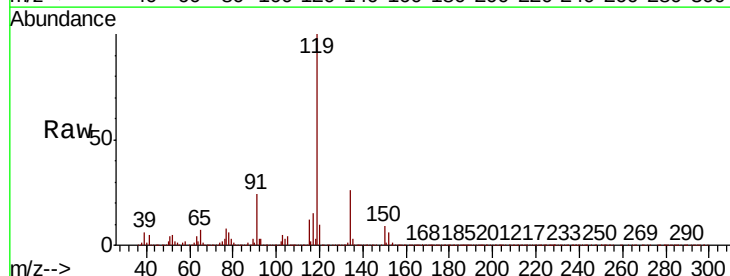
Tgt Ion:119 Resp: 2730100

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

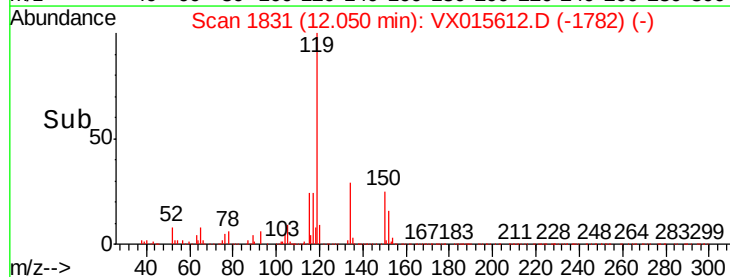
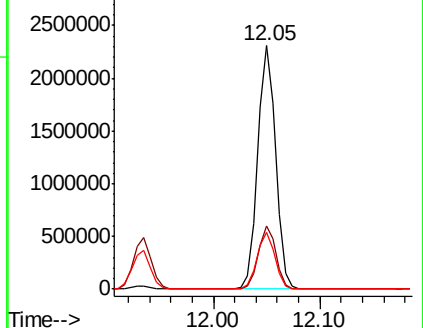
91 23.3 12.4 37.4

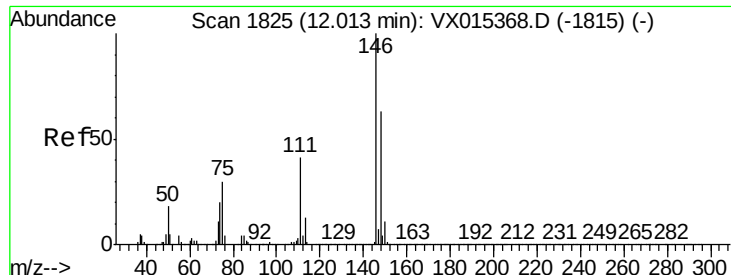


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.186 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

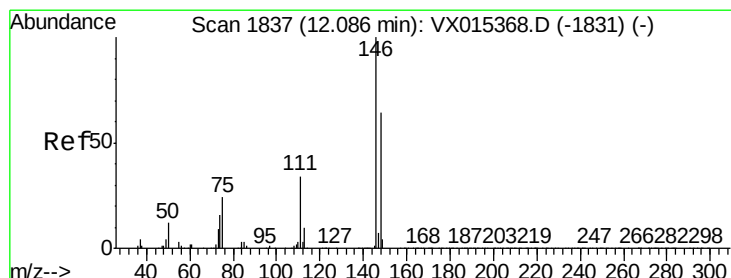
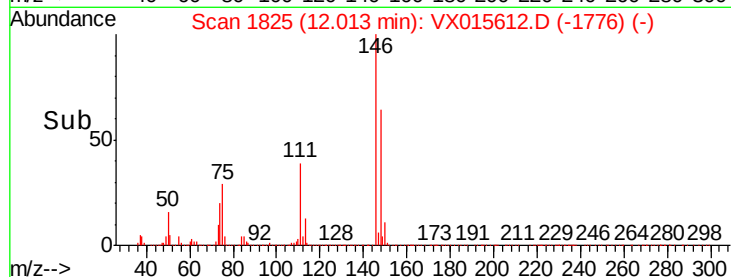
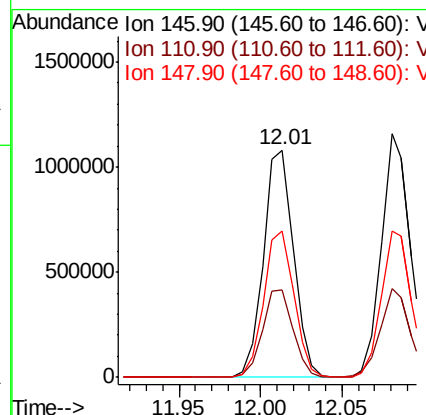
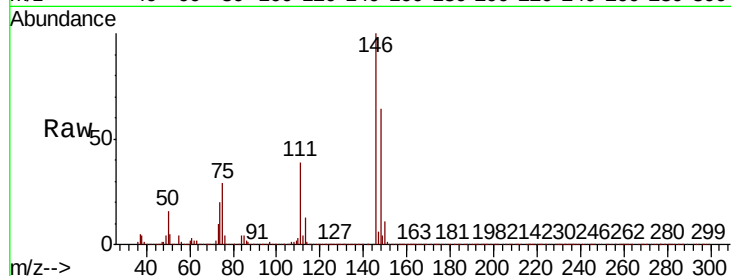
Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 1388375

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.9
148	64.6	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 50.301 ug/l

RT: 12.08 min Scan# 1836

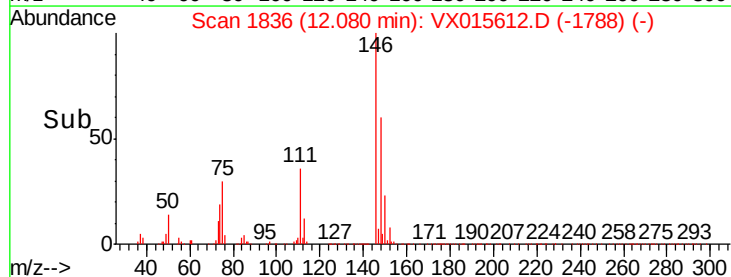
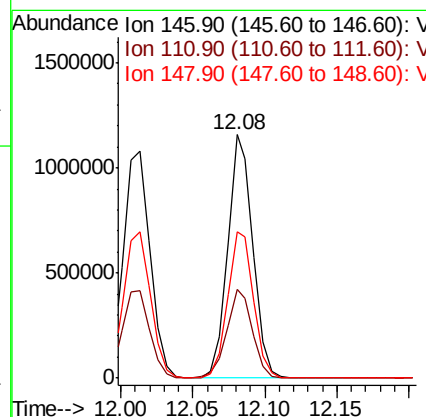
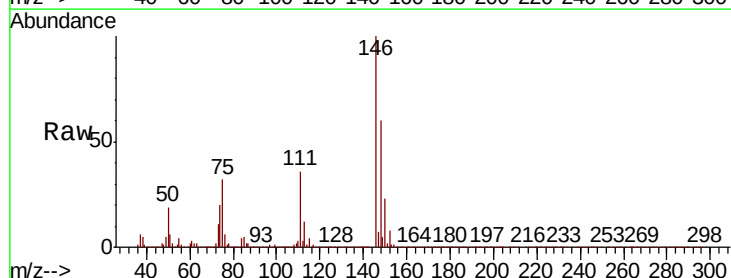
Delta R.T. -0.01 min

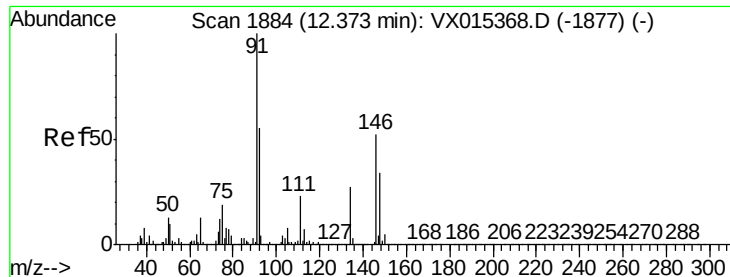
Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Tgt Ion:146 Resp: 1417435

Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.5
148	61.9	32.4	97.2





#89

n-Butylbenzene

Concen: 51.178 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

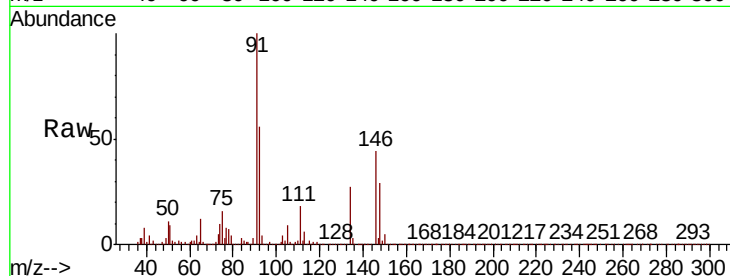
Tot Ion: 91 Resp: 2399858

Ion	Ratio	Lower	Upper
91	100		
92	56.1	27.2	81.5
134	27.5	13.4	40.2

91 100

92 56.1 27.2 81.5

134 27.5 13.4 40.2

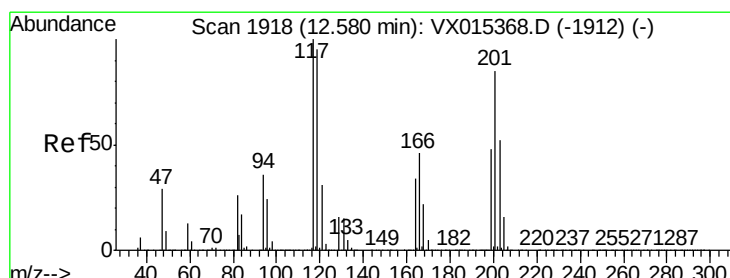
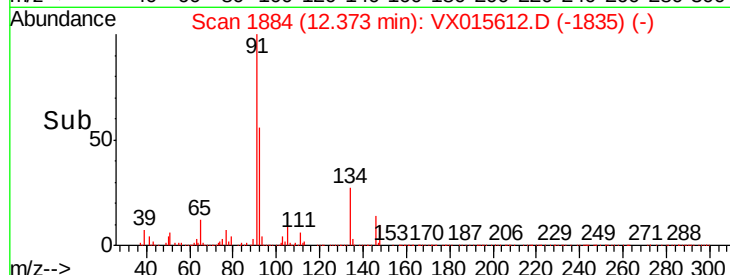
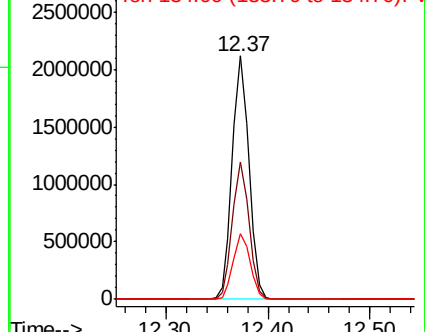


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.265 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015612.D

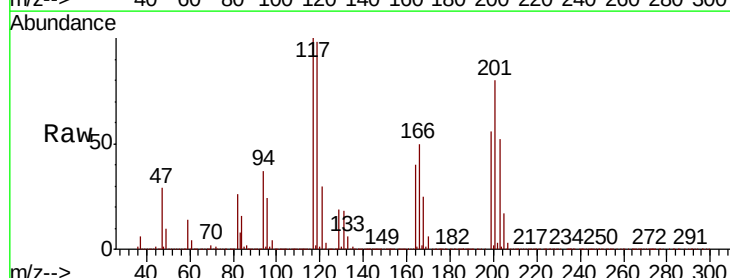
Acq: 10 Apr 2020 11:46

Tgt Ion: 117 Resp: 477363

Ion	Ratio	Lower	Upper
117	100		
201	85.9	42.6	128.0

117 100

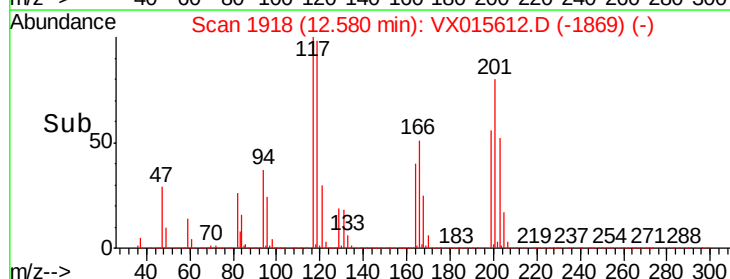
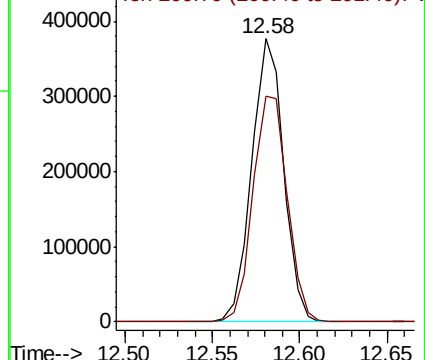
201 85.9 42.6 128.0

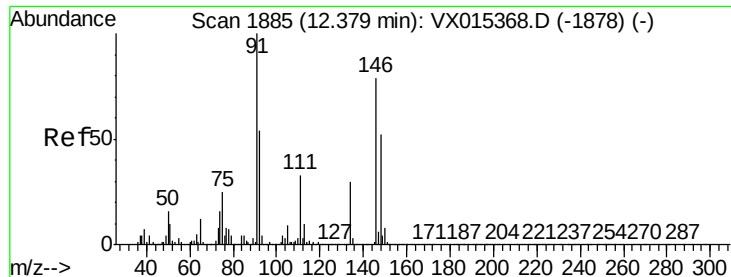


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.103 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

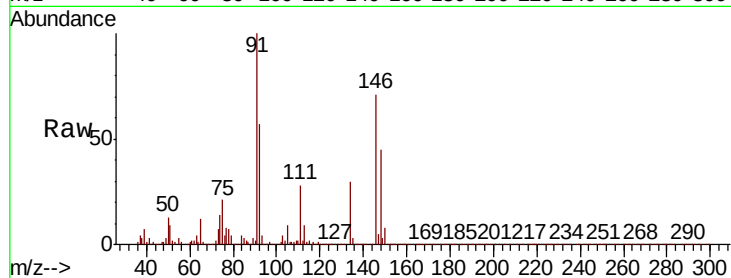
Tot Ion:146 Resp: 1356472

Ion Ratio Lower Upper

146 100

111 40.0 21.0 63.0

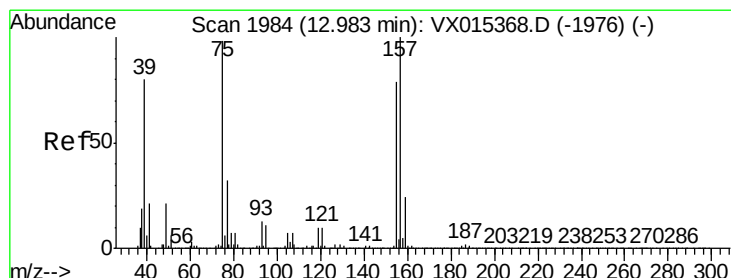
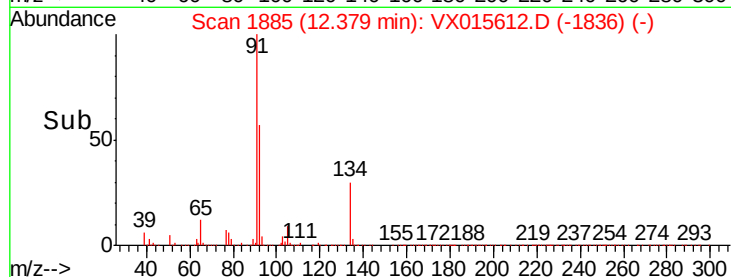
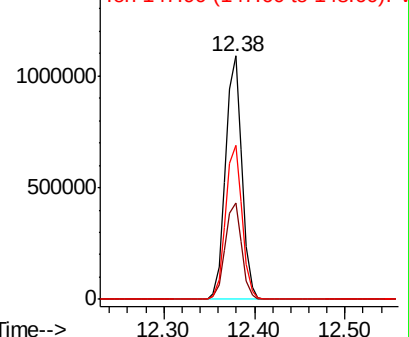
148 63.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.324 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

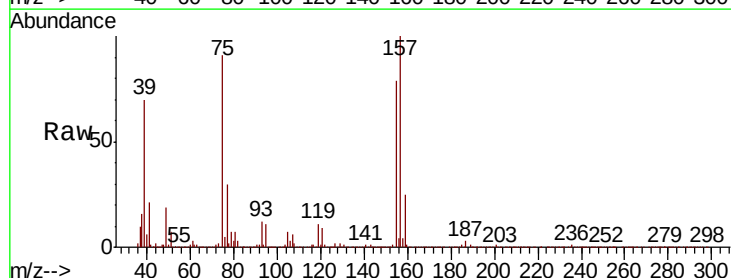
Tgt Ion: 75 Resp: 220643

Ion Ratio Lower Upper

75 100

155 90.1 42.8 128.4

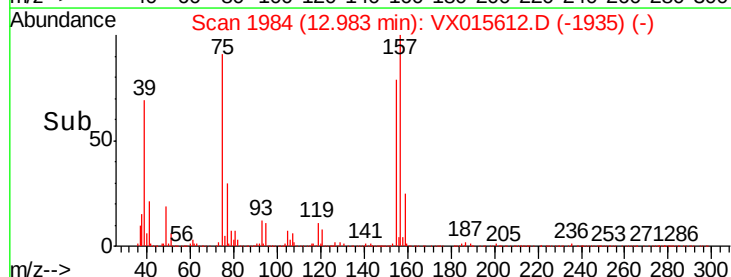
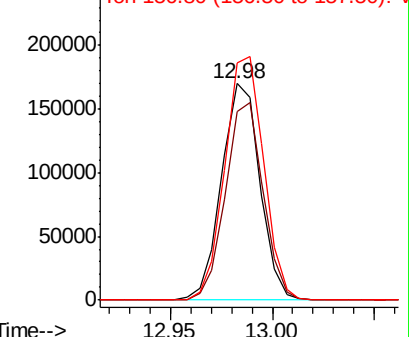
157 114.8 53.4 160.3

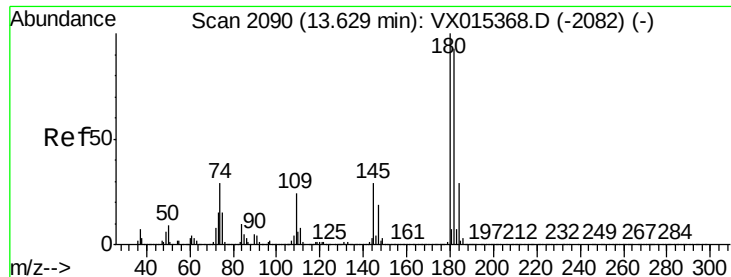


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

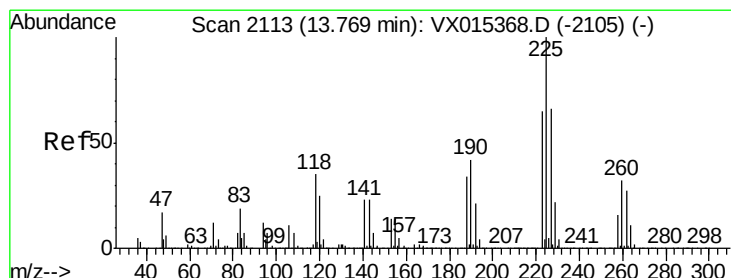
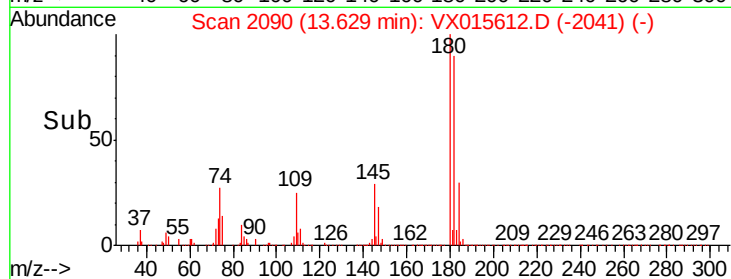
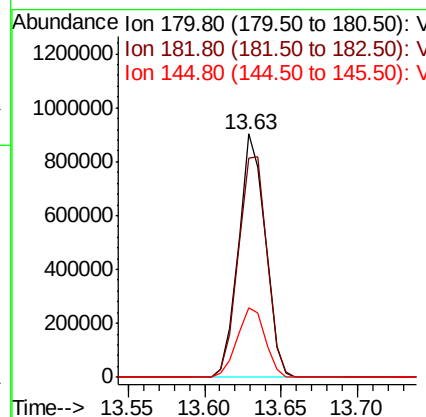
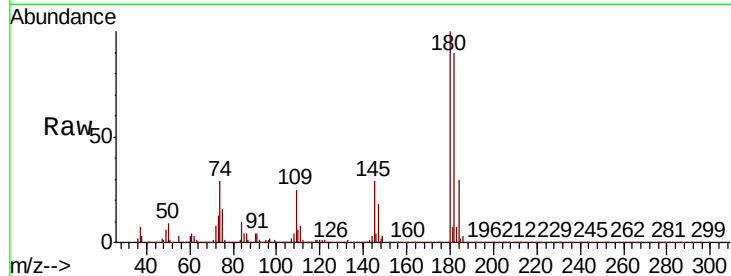




#93
 1,2,4-Trichlorobenzene
 Concen: 51.238 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

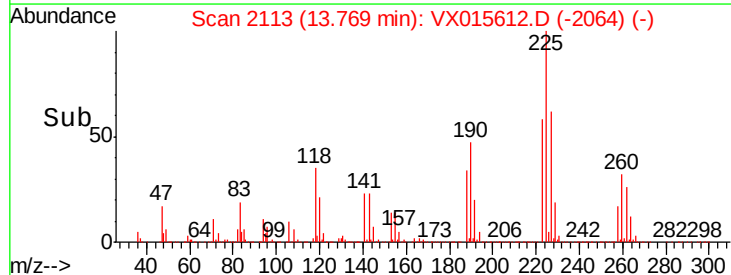
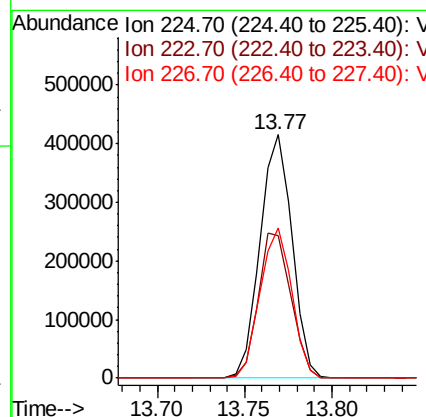
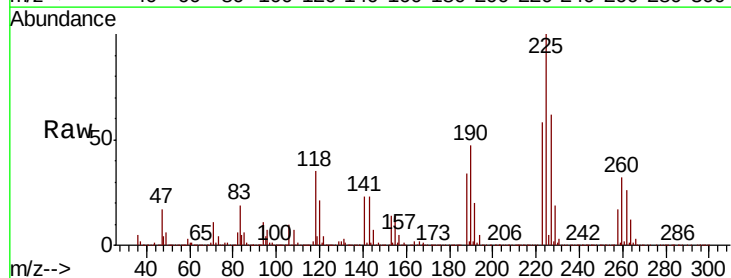
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

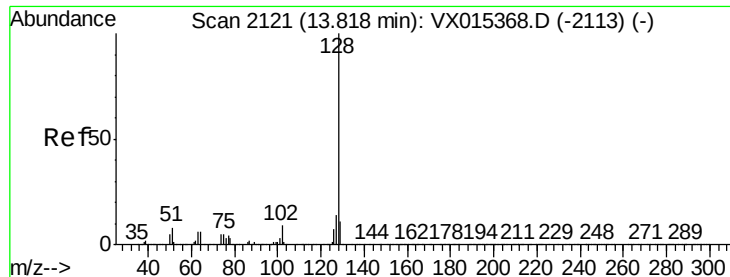
Tot Ion:180 Resp: 1097272
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.9 140.7
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 51.860 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015612.D
 Acq: 10 Apr 2020 11:46

Tgt Ion:225 Resp: 528768
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.9 95.7
 227 61.4 30.4 91.3





#95

Naphthalene

Concen: 47.768 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015612.D

Acq: 10 Apr 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

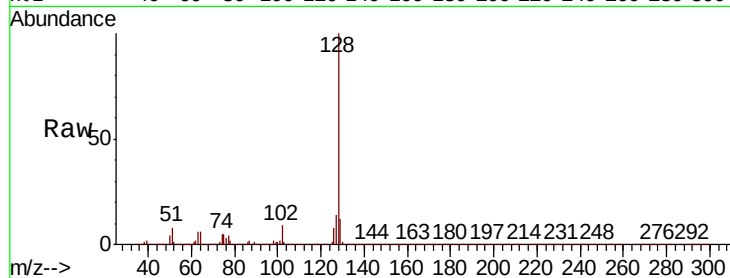
Tot Ion:128 Resp: 3120423

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

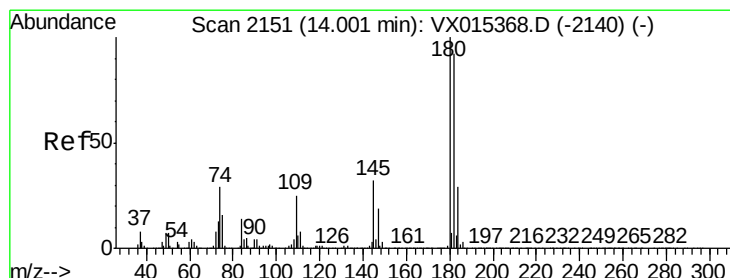
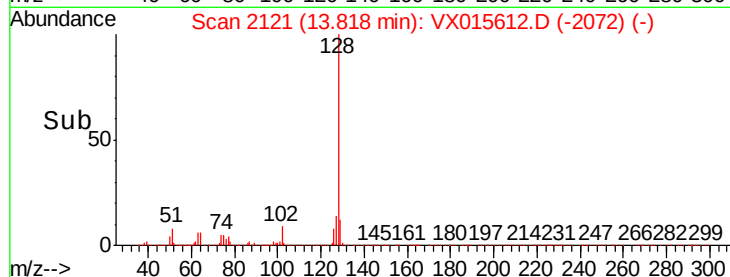
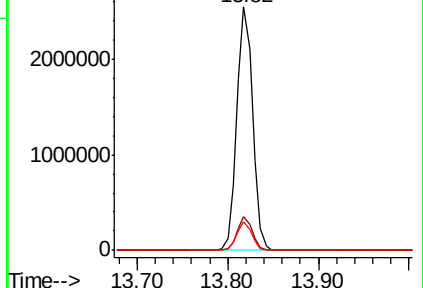
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.529 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015612.D

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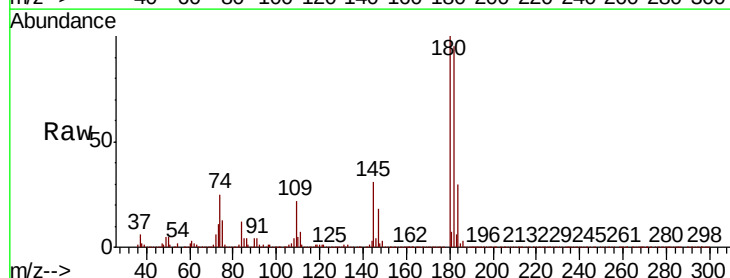
Tgt Ion:180 Resp: 1062455

Ion Ratio Lower Upper

180 100

182 97.2 46.7 140.0

145 31.7 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

