

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013783.D
 Acq On : 05 Dec 2019 18:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 06 02:28:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	615206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	936680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	841228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	429633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	340133	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	5.48	113	284434	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.71	98	1073316	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.14	95	396490	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	328396	47.958	ug/l	98
3) Chloromethane	1.32	50	353012	45.944	ug/l	100
4) Vinyl Chloride	1.40	62	426123	49.274	ug/l	100
5) Bromomethane	1.63	94	273160	47.034	ug/l	100
6) Chloroethane	1.71	64	423859	86.131	ug/l	91
7) Trichlorofluoromethane	1.92	101	471470	49.098	ug/l	99
8) Diethyl Ether	2.18	74	216982	49.946	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	287052	48.939	ug/l	99
10) Methyl Iodide	2.50	142	379141	53.436	ug/l	100
11) Tert butyl alcohol	3.03	59	362805	205.827	ug/l	98
12) 1,1-Dichloroethene	2.36	96	291607	49.807	ug/l	96
13) Acrolein	2.29	56	88964	79.660	ug/l	96
14) Allyl chloride	2.72	41	507076	47.725	ug/l	98
15) Acrylonitrile	3.13	53	852647	234.343	ug/l	99
16) Acetone	2.43	43	955546	271.025	ug/l	100
17) Carbon Disulfide	2.56	76	750022	44.938	ug/l	99
18) Methyl Acetate	2.76	43	496864	50.609	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	976279	50.336	ug/l	98
20) Methylene Chloride	2.85	84	324396	47.892	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	301358	47.249	ug/l	99
22) Diisopropyl ether	3.84	45	1031620	50.425	ug/l	97
23) Vinyl Acetate	3.80	43	4213906	247.594	ug/l	100
24) 1,1-Dichloroethane	3.69	63	560008	50.072	ug/l	99
25) 2-Butanone	4.66	43	1307447	249.521	ug/l	99
26) 2,2-Dichloropropane	4.57	77	457519	49.444	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	355357	48.516	ug/l	99
28) Bromochloromethane	5.00	49	225653	51.057	ug/l	97
29) Tetrahydrofuran	5.11	42	779089	241.190	ug/l	99
30) Chloroform	5.20	83	549450	48.442	ug/l	97
31) Cyclohexane	5.57	56	493450	46.778	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	472561	49.857	ug/l	100
36) 1,1-Dichloropropene	5.79	75	405189	47.654	ug/l	98
37) Ethyl Acetate	4.82	43	469870	49.259	ug/l	100
38) Carbon Tetrachloride	5.78	117	401365	51.193	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	511267	48.645	ug/l	97
40) Benzene	6.14	78	1264796	48.841	ug/l	99
41) Methacrylonitrile	5.03	41	265036	50.664	ug/l	99
42) 1,2-Dichloroethane	6.18	62	442452	50.098	ug/l	99
43) Isopropyl Acetate	6.43	43	772950	49.221	ug/l	100
44) Trichloroethene	7.21	130	338226	47.589	ug/l	98
45) 1,2-Dichloropropane	7.51	63	334128	51.569	ug/l	99
46) Dibromomethane	7.65	93	215060	48.871	ug/l	98
47) Bromodichloromethane	7.89	83	435496	52.349	ug/l	99
48) Methyl methacrylate	7.76	41	389179	51.006	ug/l	98
49) 1,4-Dioxane	7.73	88	144124	843.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2441855	247.200	ug/l	99
52) Toluene	8.78	92	798102	49.609	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	486106	51.336	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	539844	52.183	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	331284	51.099	ug/l	98
56) Ethyl methacrylate	9.17	69	542027	52.002	ug/l	98
57) 1,3-Dichloropropane	9.37	76	553517	49.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	961078	235.174	ug/l	99
59) 2-Hexanone	9.49	43	1919777	249.188	ug/l	99
60) Dibromochloromethane	9.57	129	359542	53.439	ug/l	99
61) 1,2-Dibromoethane	9.67	107	346774	50.081	ug/l	100
64) Tetrachloroethene	9.33	164	311299	49.622	ug/l	99
65) Chlorobenzene	10.14	112	870821	49.859	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	330844	52.752	ug/l	100
67) Ethyl Benzene	10.25	91	1542612	51.399	ug/l	99
68) m/p-Xylenes	10.35	106	1170450	101.862	ug/l	100
69) o-Xylene	10.70	106	571011	50.953	ug/l	98
70) Styrene	10.71	104	983308	52.161	ug/l	99
71) Bromoform	10.85	173	287662	55.433	ug/l	100
73) Isopropylbenzene	11.01	105	1511265	50.146	ug/l	100
74) N-amyl acetate	10.89	43	703381	50.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	532410	50.942	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	592139	61.278	ug/l	88
77) Bromobenzene	11.25	156	401838	49.356	ug/l	99
78) n-propylbenzene	11.35	91	1707216	50.746	ug/l	99
79) 2-Chlorotoluene	11.42	91	1020980	50.591	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1272735	51.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	174004	49.264	ug/l	98
82) 4-Chlorotoluene	11.51	91	1172071	50.144	ug/l	99
83) tert-Butylbenzene	11.76	119	1285063	51.193	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1278163	50.988	ug/l	100
85) sec-Butylbenzene	11.94	105	1467708	51.189	ug/l	100
86) p-Isopropyltoluene	12.06	119	1371850	51.430	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	710152	50.038	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	702247	48.579	ug/l	99
89) n-Butylbenzene	12.39	91	1198773	52.693	ug/l	100
90) Hexachloroethane	12.59	117	245680	50.956	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	710052	50.637	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	118175	51.923	ug/l	99

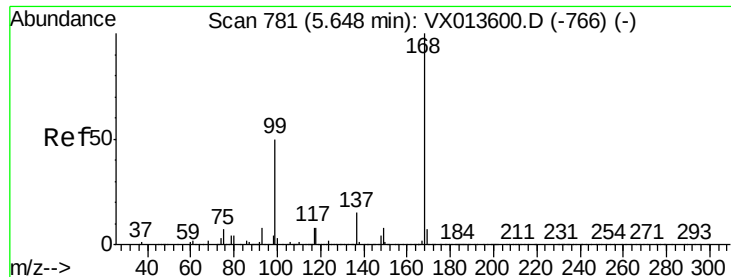
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	507451	51.926	ug/l	100
94) Hexachlorobutadiene	13.78	225	225559	48.047	ug/l	100
95) Naphthalene	13.83	128	1580890	54.320	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	502373	51.919	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

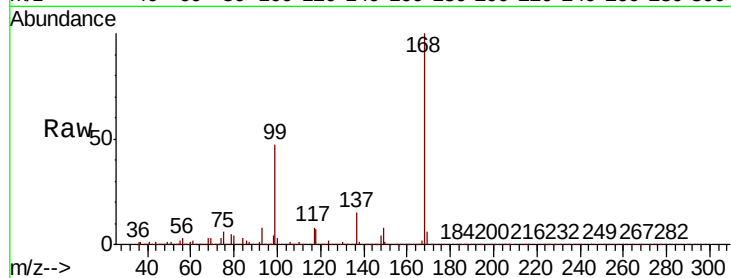
VSTDCCC050EC

Tot Ion:168 Resp: 615206

Ion Ratio Lower Upper

168 100

99 47.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

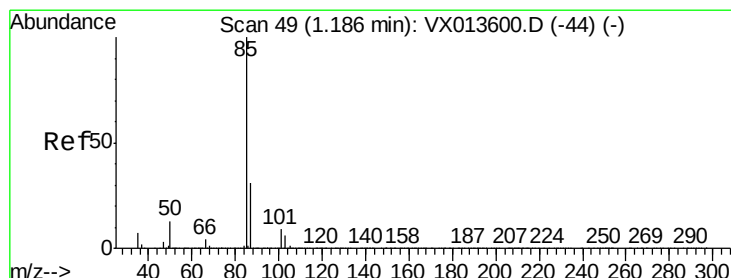
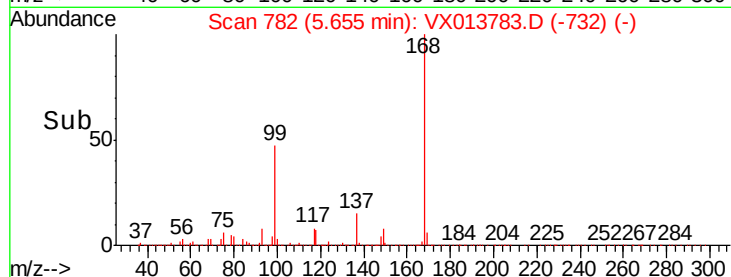
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.958 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013783.D

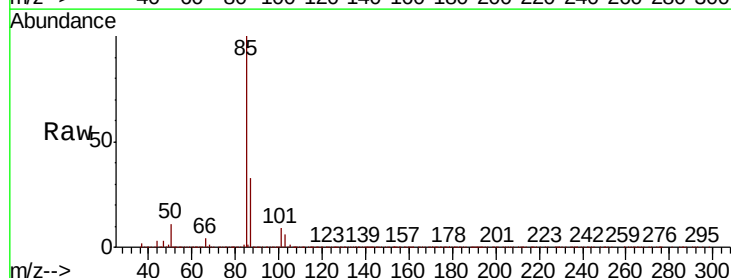
Acq: 05 Dec 2019 18:24

Tgt Ion: 85 Resp: 328396

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

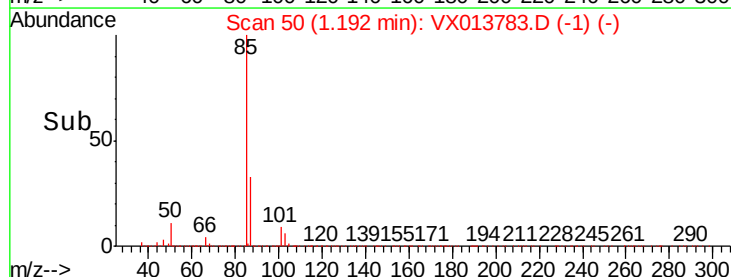
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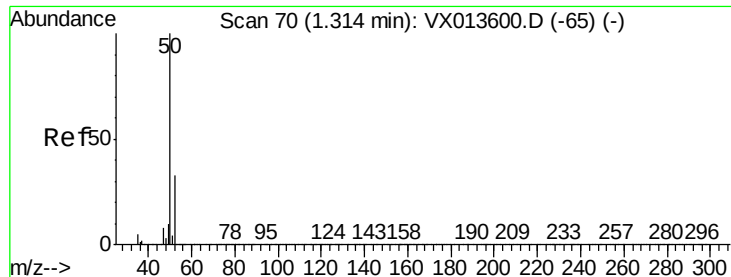
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.944 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

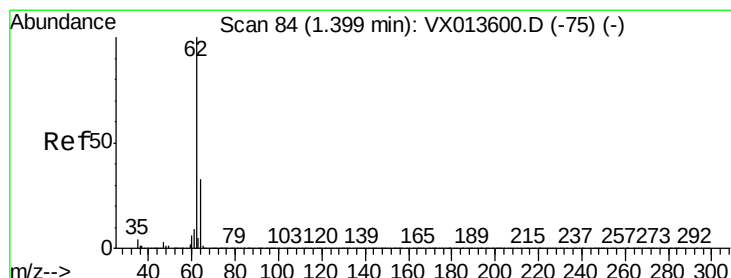
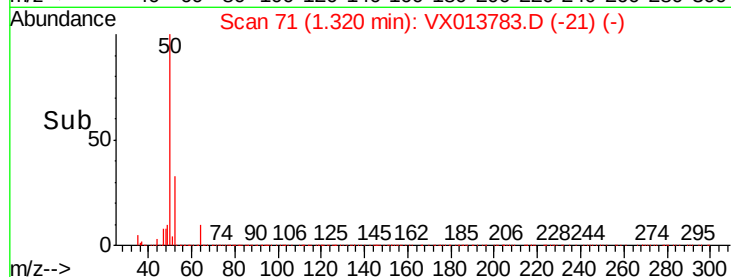
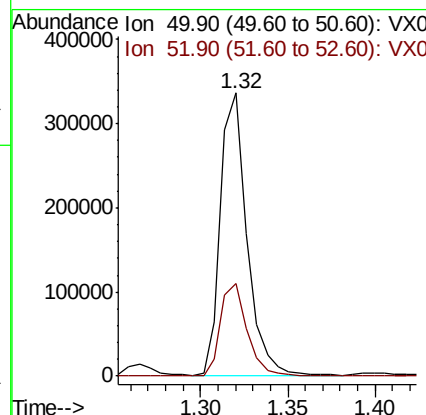
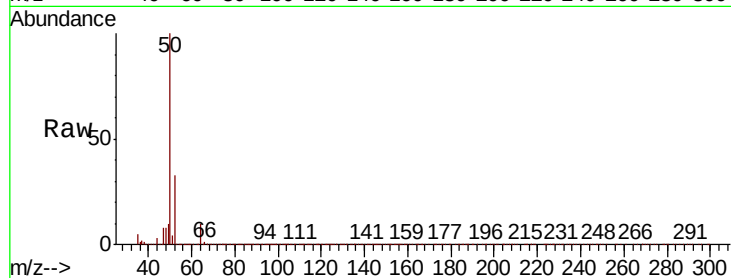
VSTDCCC050EC

Tot Ion: 50 Resp: 353012

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 49.274 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013783.D

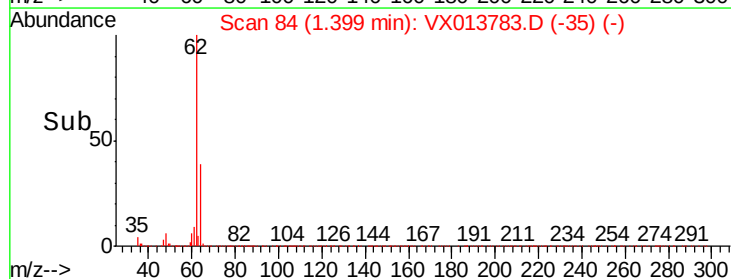
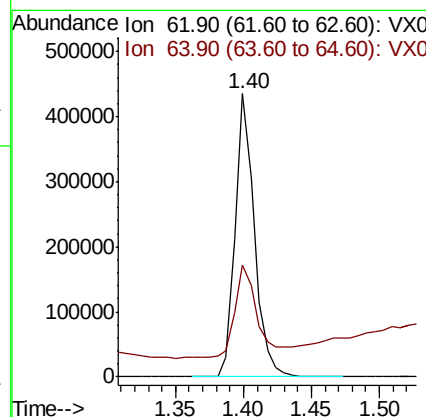
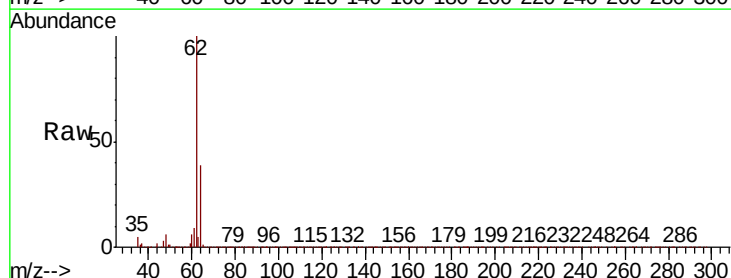
Acq: 05 Dec 2019 18:24

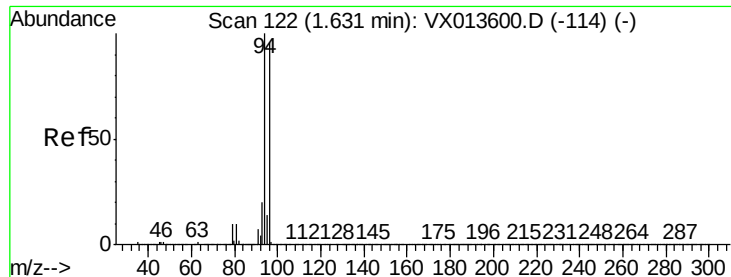
Tgt Ion: 62 Resp: 426123

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0





#5

Bromomethane

Concen: 47.034 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

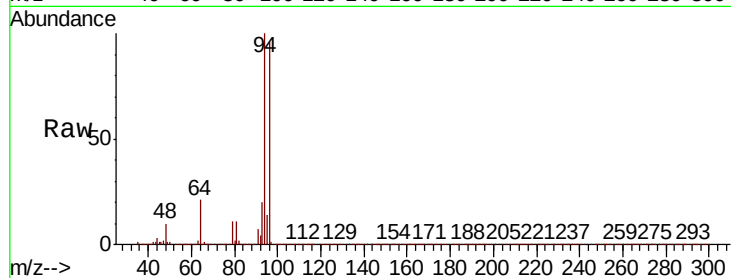
VSTDCCC050EC

Tot Ion: 94 Resp: 273160

Ion Ratio Lower Upper

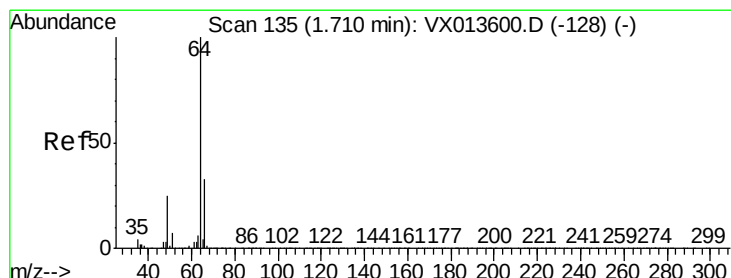
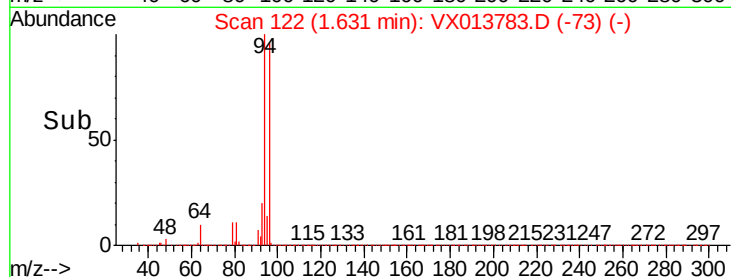
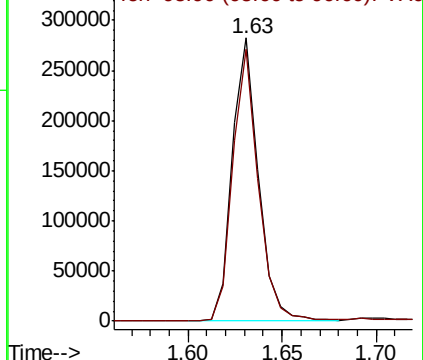
94 100

96 96.0 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 86.131 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013783.D

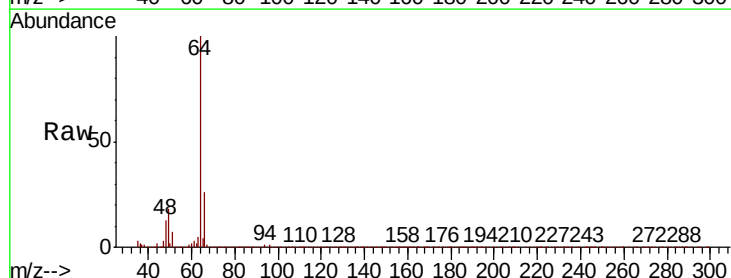
Acq: 05 Dec 2019 18:24

Tgt Ion: 64 Resp: 423859

Ion Ratio Lower Upper

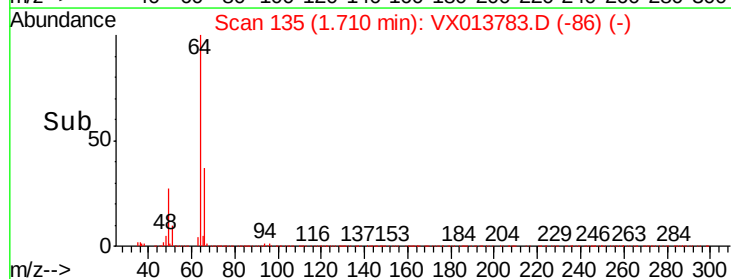
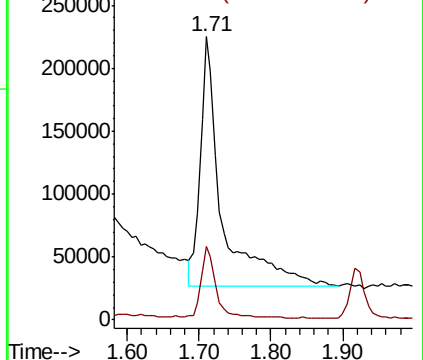
64 100

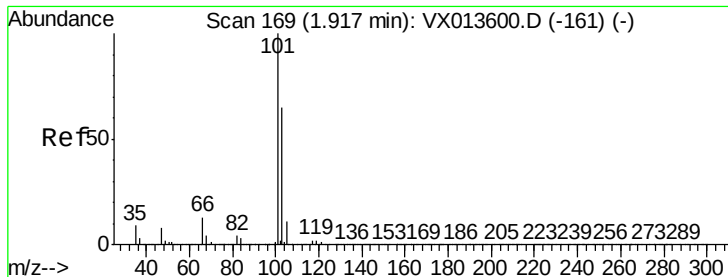
66 28.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



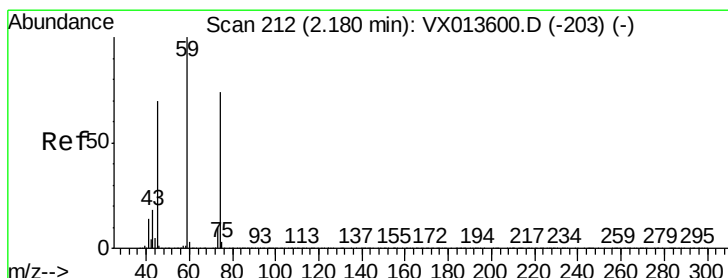
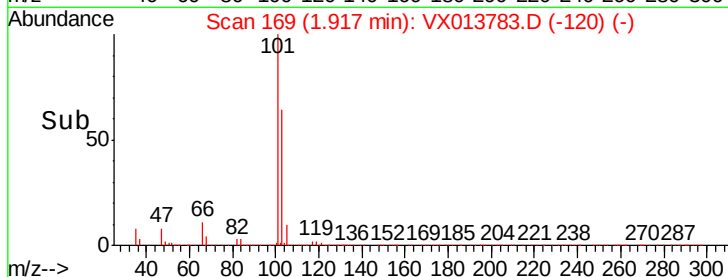
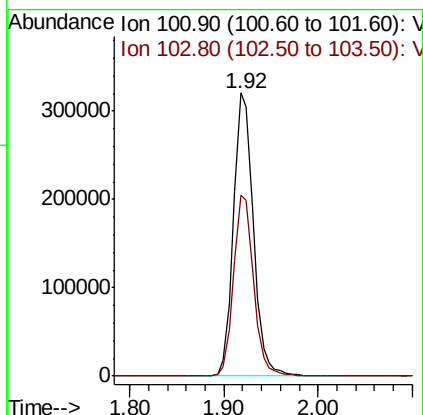
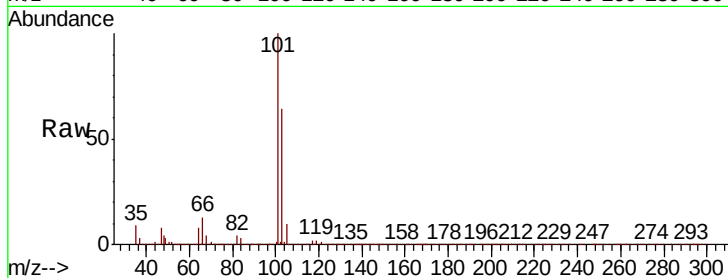


#7

Trichlorofluoromethane
Concen: 49.098 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013783.D
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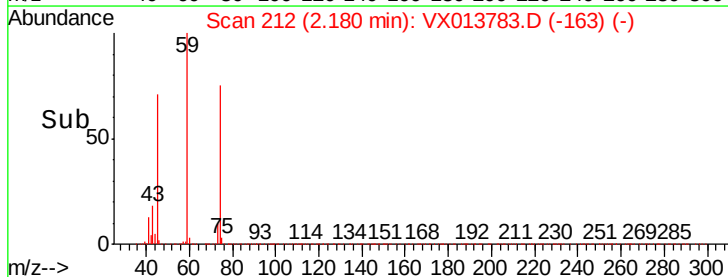
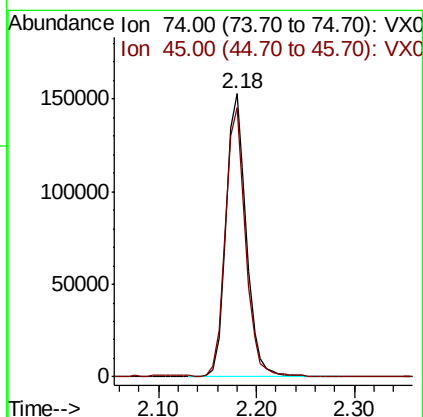
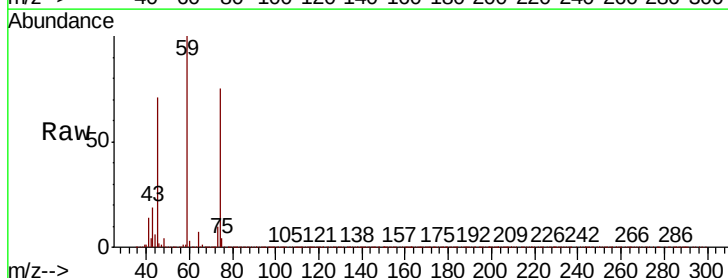
Tot Ion:101 Resp: 471470
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

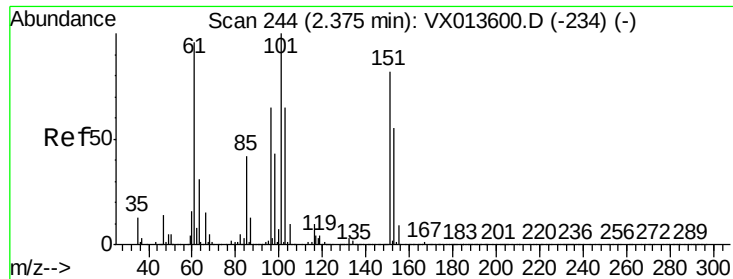


#8

Diethyl Ether
Concen: 49.946 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 74 Resp: 216982
Ion Ratio Lower Upper
74 100
45 95.1 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.939 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

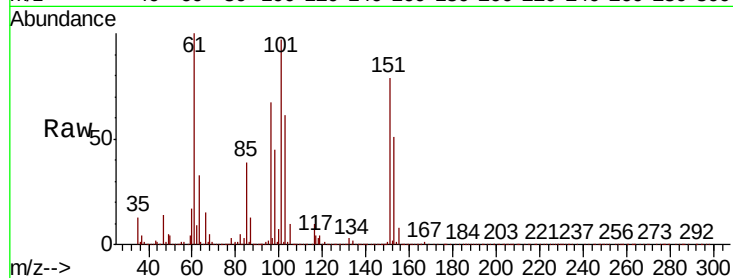
Tot Ion:101 Resp: 287052

Ion Ratio Lower Upper

101 100

85 42.3 33.9 50.9

151 81.8 64.2 96.2

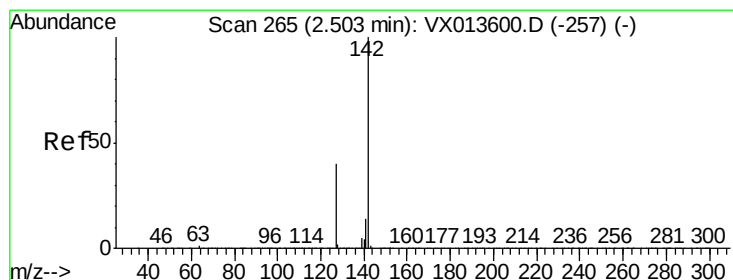
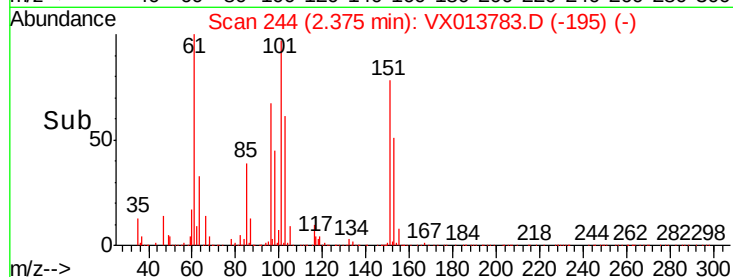
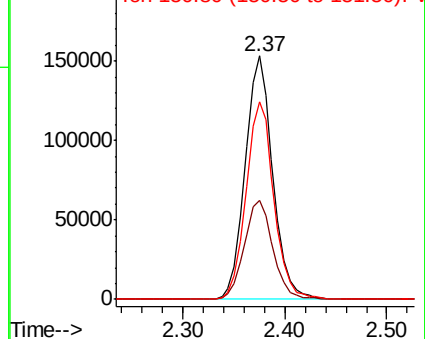


Abundance

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: 53.436 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

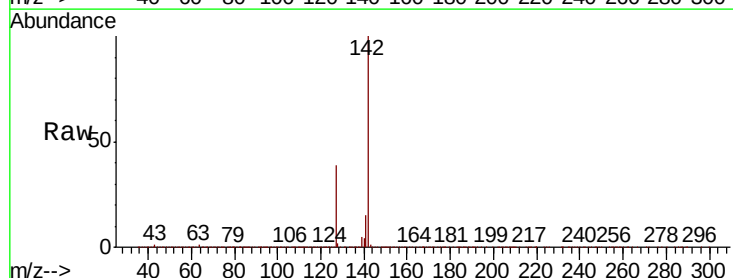
Tgt Ion:142 Resp: 379141

Ion Ratio Lower Upper

142 100

127 38.6 31.0 46.4

141 14.2 11.6 17.4

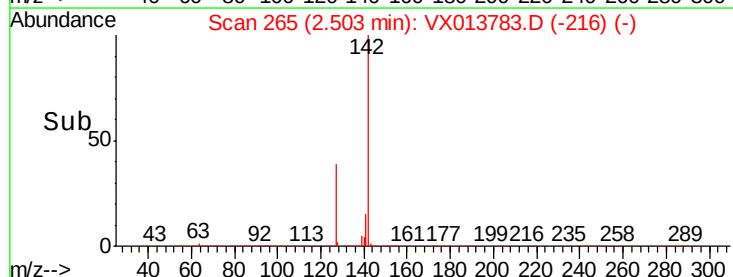
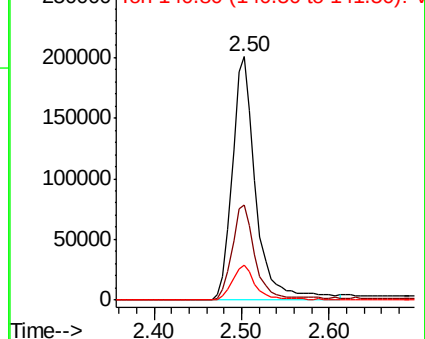


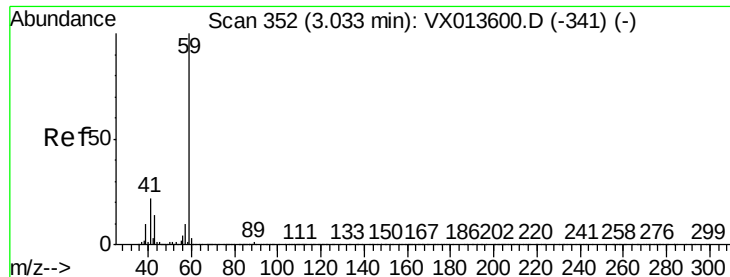
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



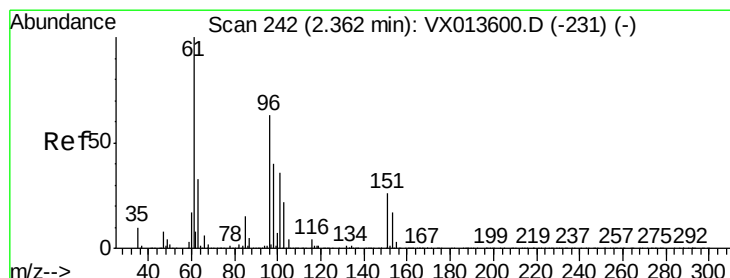
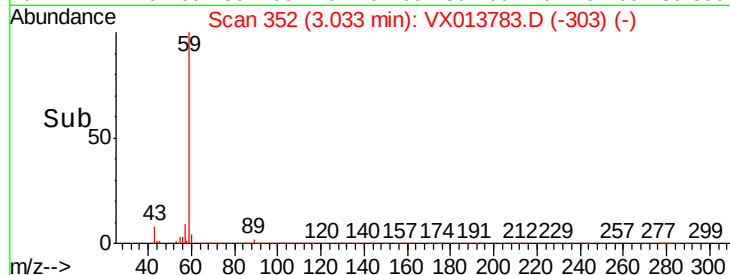
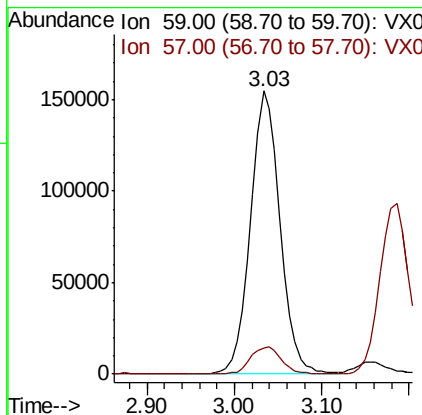
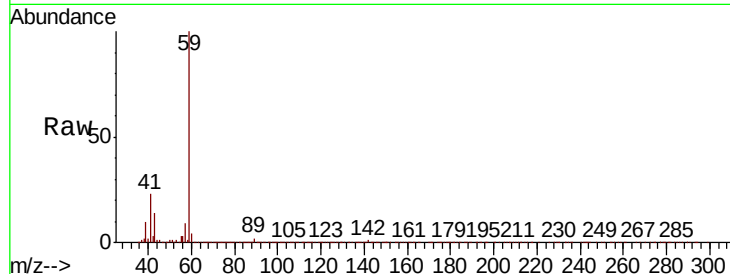


#11

Tert butyl alcohol
 Concen: 205.827 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

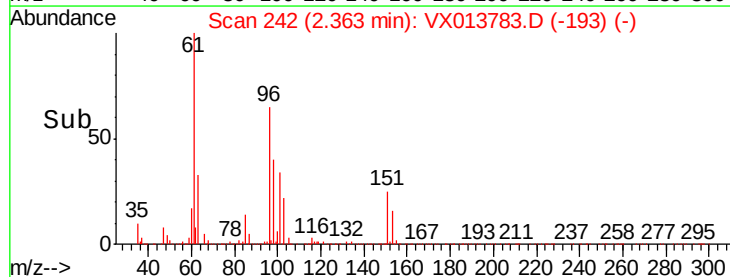
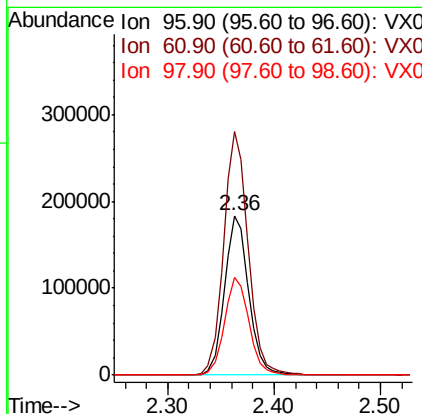
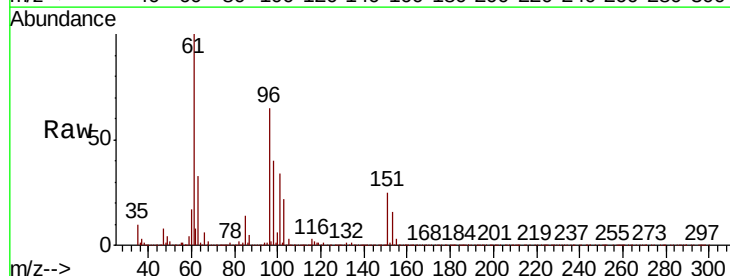
Tot Ion: 59 Resp: 362805
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

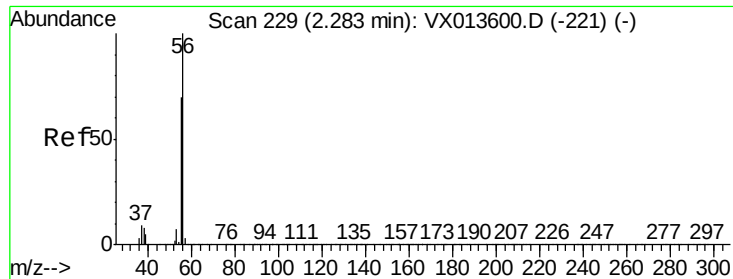


#12

1,1-Dichloroethene
 Concen: 49.807 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion: 96 Resp: 291607
 Ion Ratio Lower Upper
 96 100
 61 152.7 126.6 190.0
 98 61.2 50.6 76.0

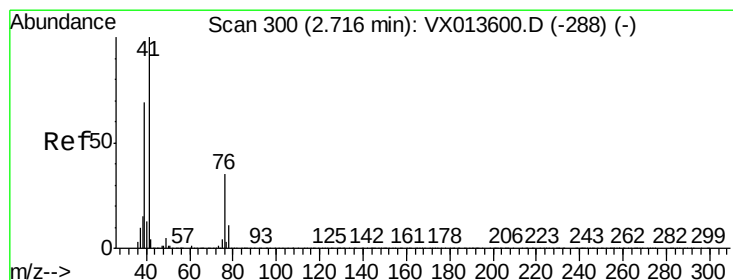
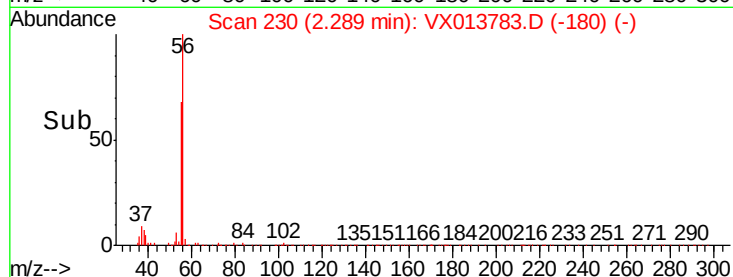
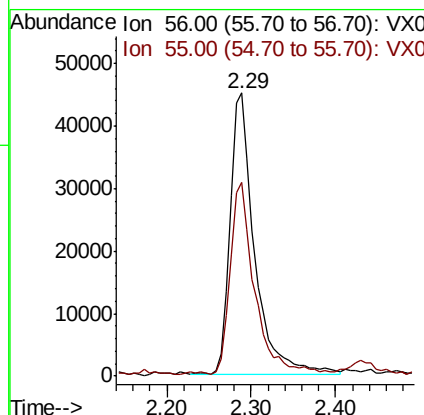
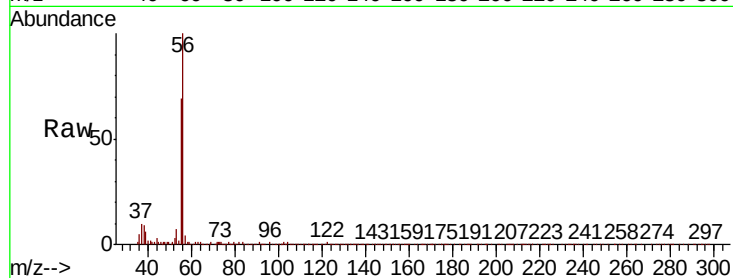




#13
Acrolein
Concen: 79.660 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

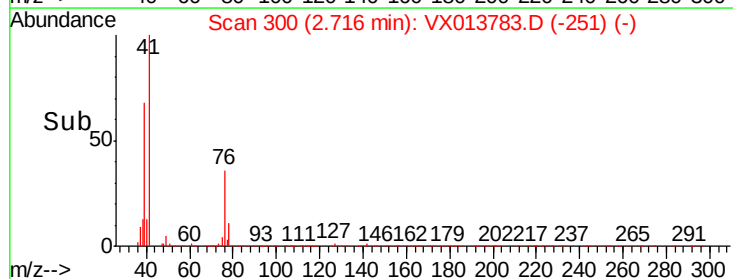
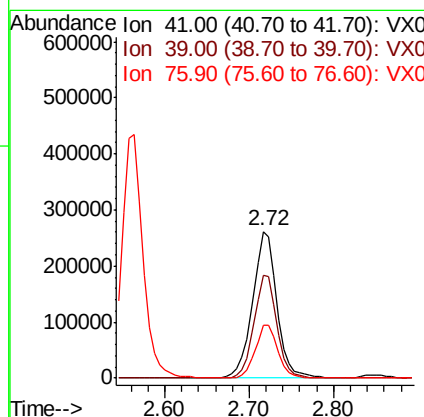
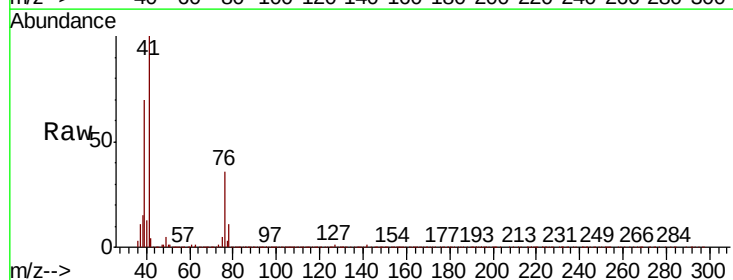
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

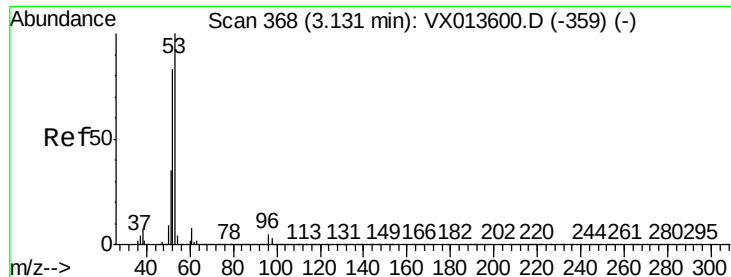
Tot Ion: 56 Resp: 88964
Ion Ratio Lower Upper
56 100
55 67.4 56.2 84.4



#14
Allyl chloride
Concen: 47.725 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 41 Resp: 507076
Ion Ratio Lower Upper
41 100
39 66.2 51.7 77.5
76 33.7 25.9 38.9





#15

Acrylonitrile

Concen: 234.343 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

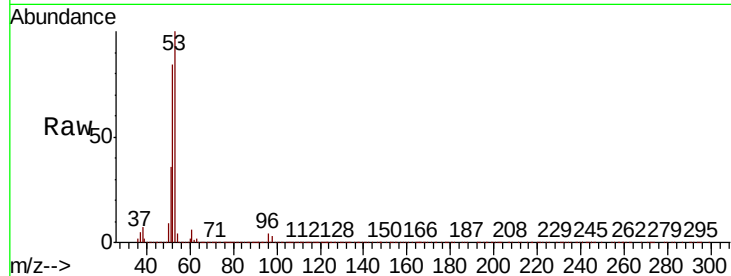
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 852647

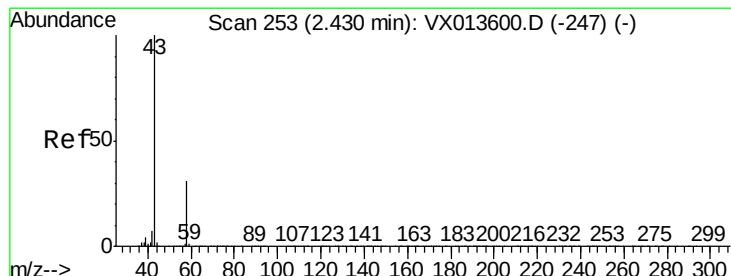
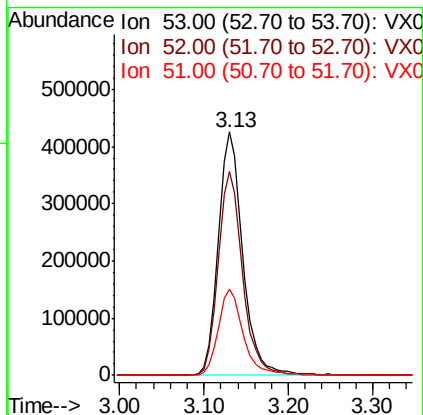
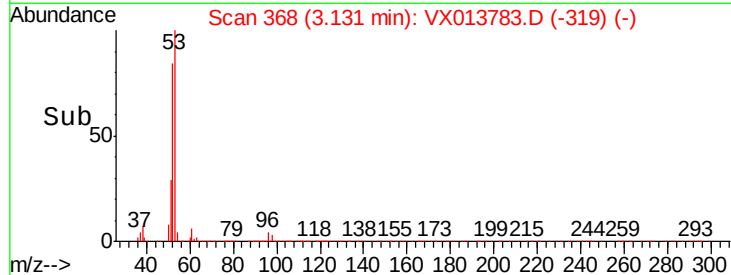
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	36.1	29.0	43.6



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: 271.025 ug/l

RT: 2.43 min Scan# 253

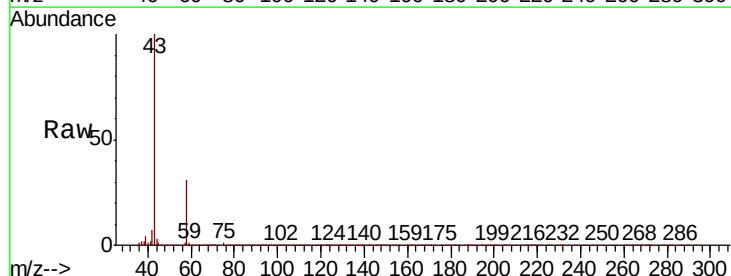
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

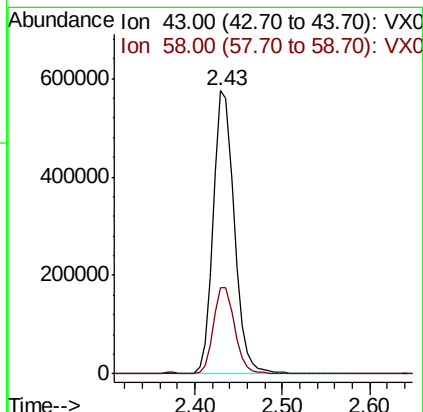
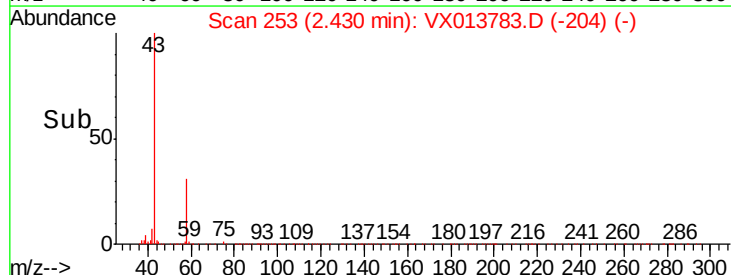
Tgt Ion: 43 Resp: 955546

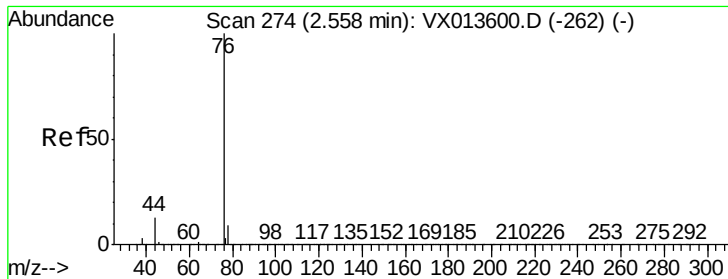
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

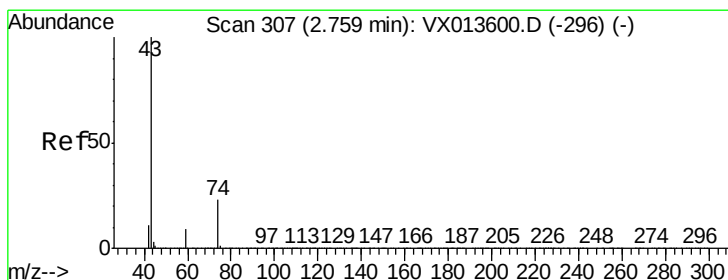
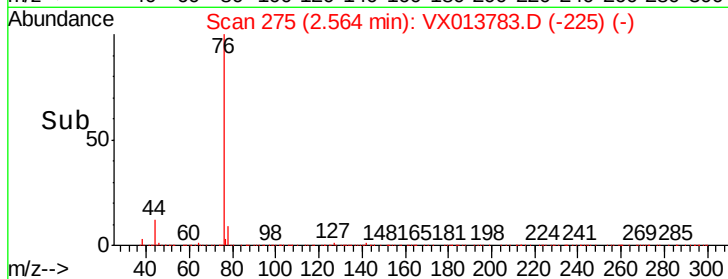
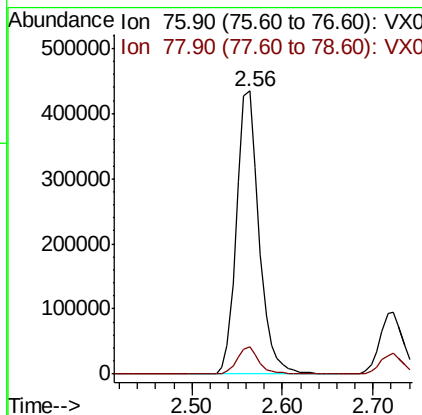
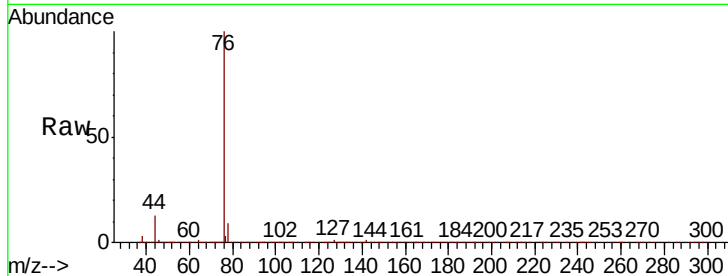




#17
Carbon Disulfide
Concen: 44.938 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

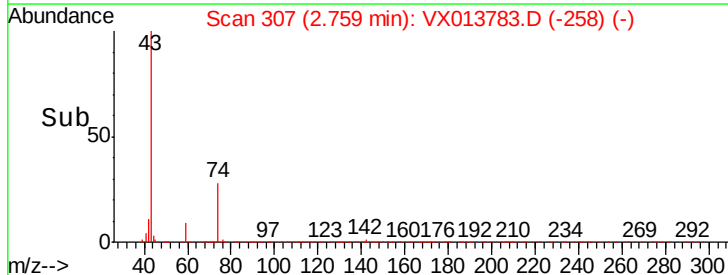
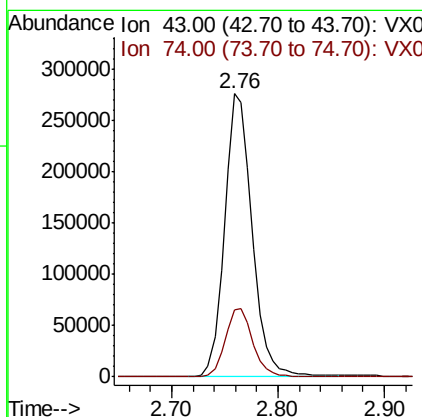
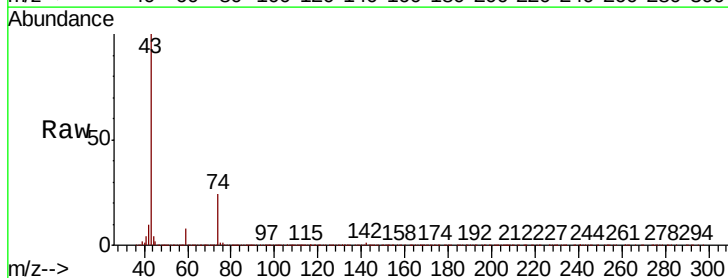
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

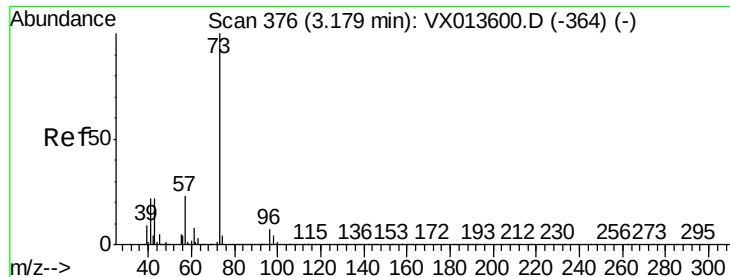
Tot Ion: 76 Resp: 750022
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 50.609 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 43 Resp: 496864
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3



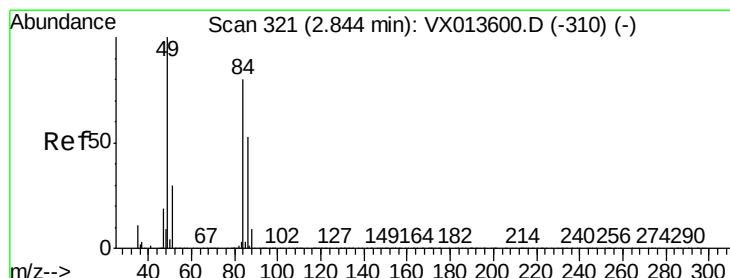
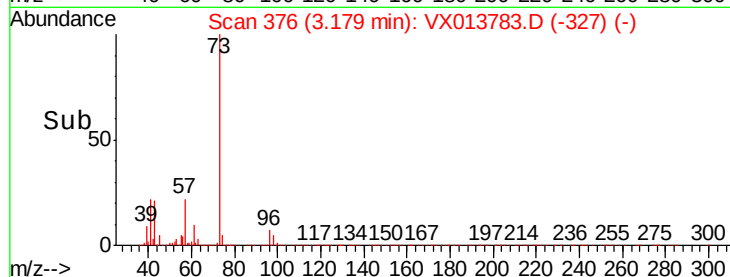
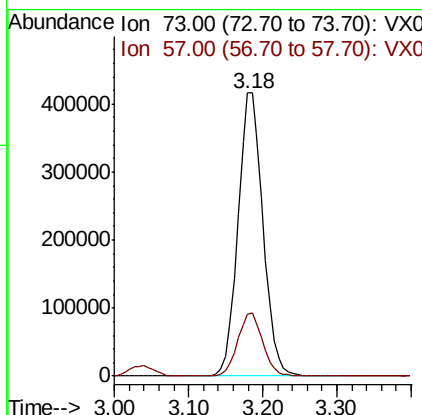
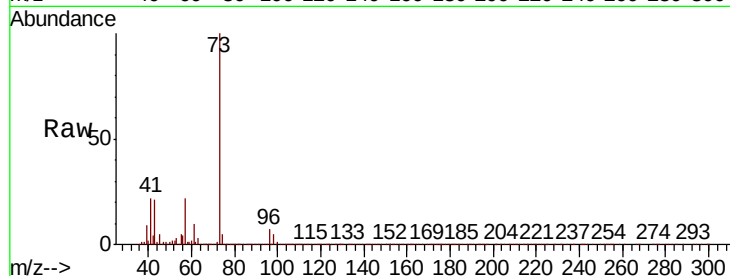


#19

Methyl tert-butyl Ether
 Concen: 50.336 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

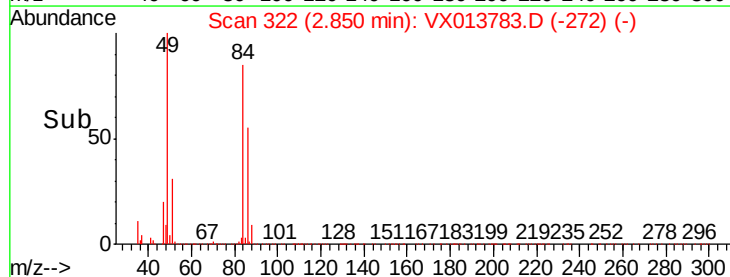
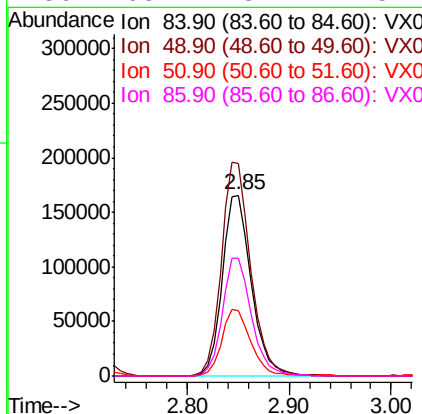
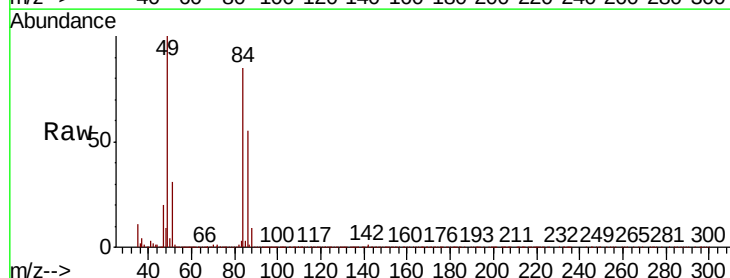
Tot Ion: 73 Resp: 976279
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.3 27.5

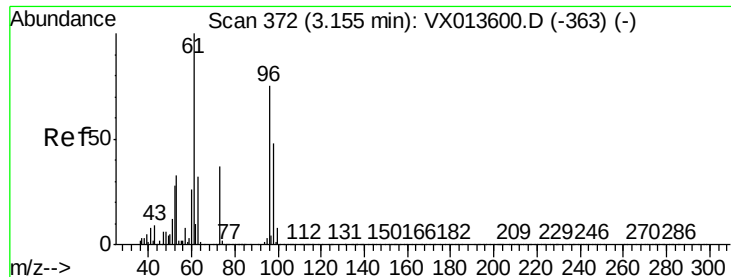


#20

Methylene Chloride
 Concen: 47.892 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion: 84 Resp: 324396
 Ion Ratio Lower Upper
 84 100
 49 117.5 99.7 149.5
 51 35.8 29.9 44.9
 86 65.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.249 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

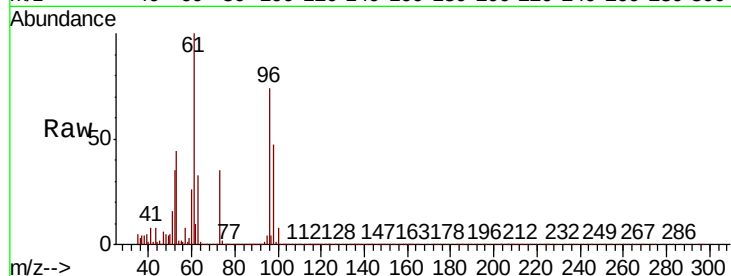
Tot Ion: 96 Resp: 301358

Ion Ratio Lower Upper

96 100

61 134.8 107.2 160.8

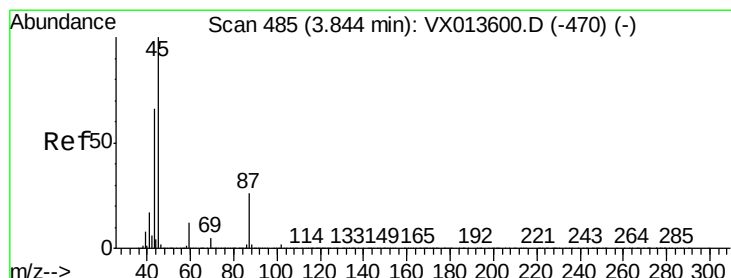
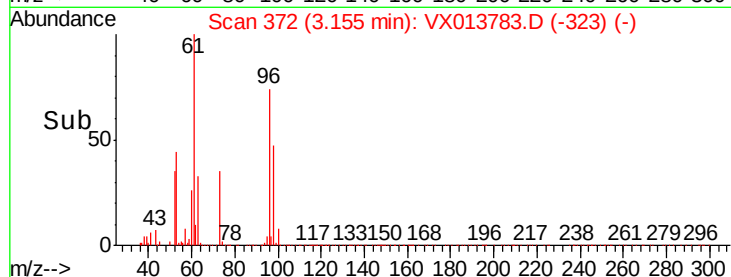
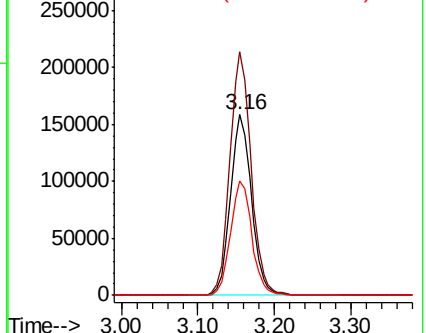
98 63.2 51.4 77.0



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: 50.425 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion: 45 Resp: 1031620

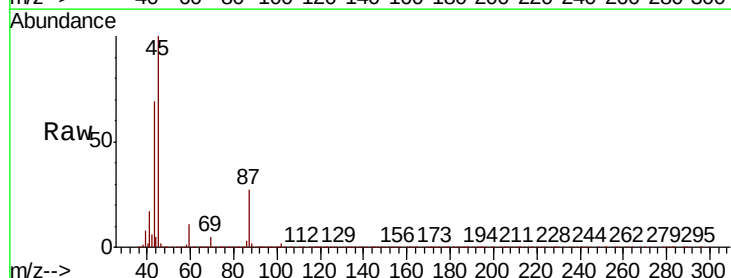
Ion Ratio Lower Upper

45 100

43 69.3 52.6 79.0

87 27.3 21.1 31.7

59 11.2 9.2 13.8

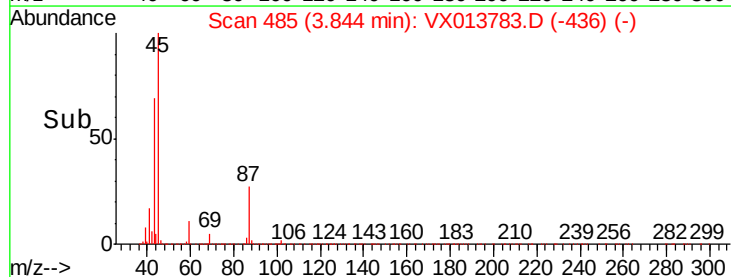
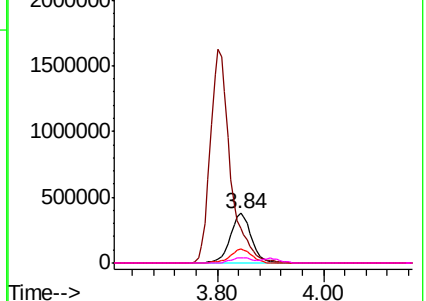


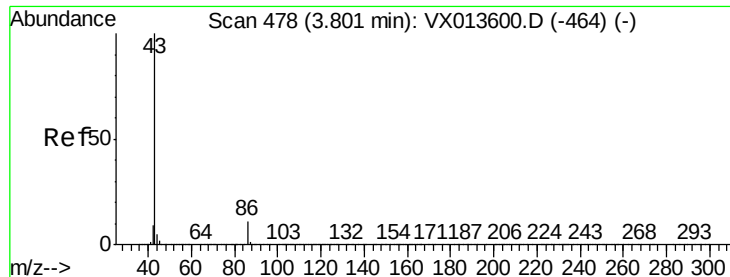
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 247.594 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

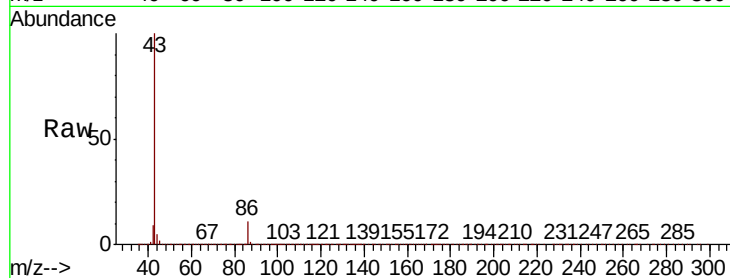
VSTDCCC050EC

Tot Ion: 43 Resp: 4213906

Ion Ratio Lower Upper

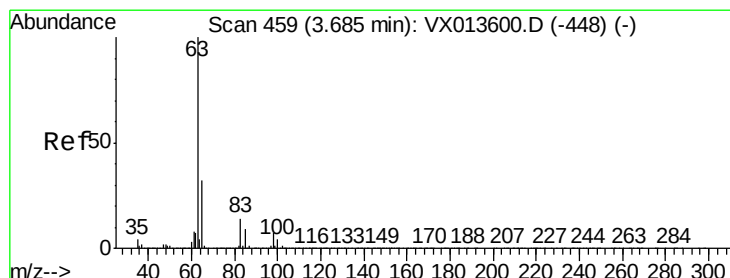
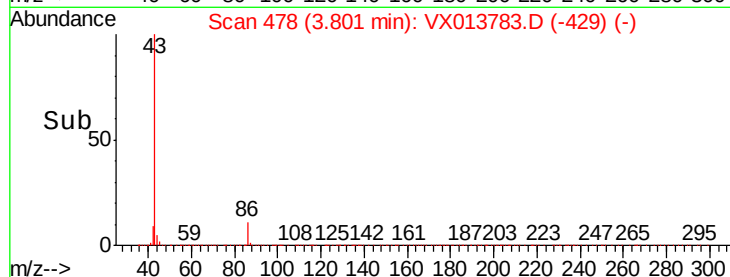
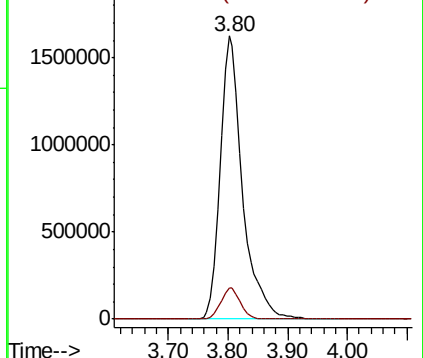
43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.072 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

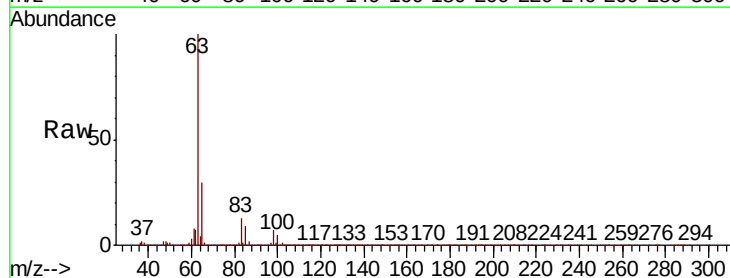
Tgt Ion: 63 Resp: 560008

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

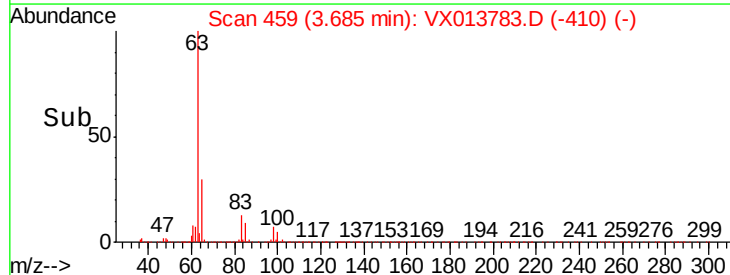
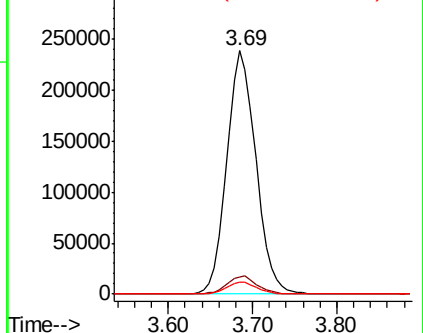
100 4.9 2.1 6.3

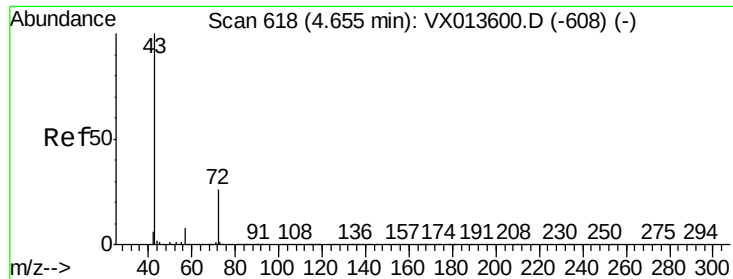


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

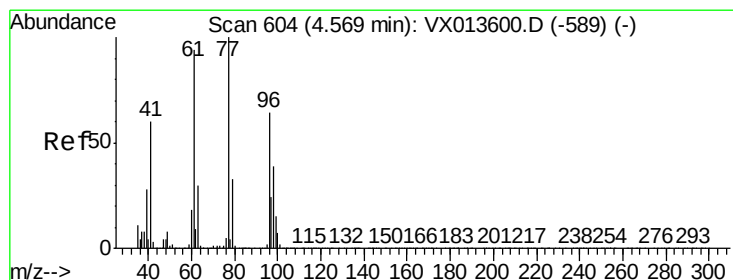
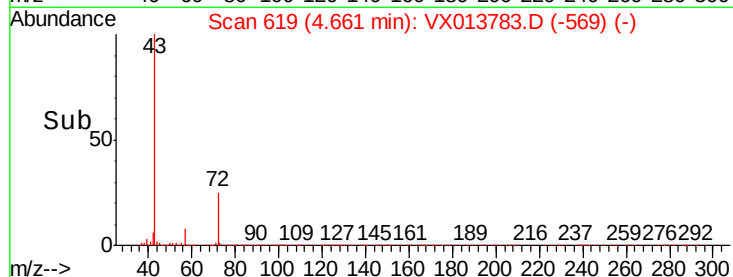
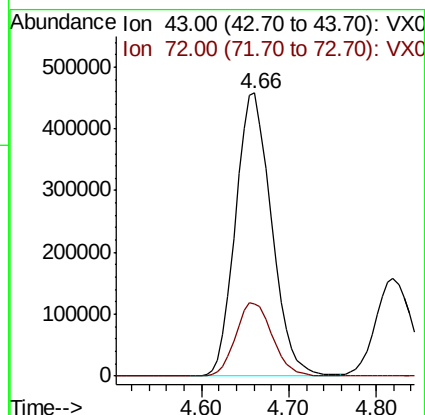
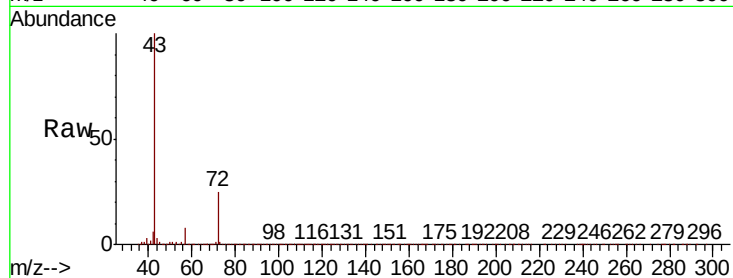




#25
2-Butanone
Concen: 249.521 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

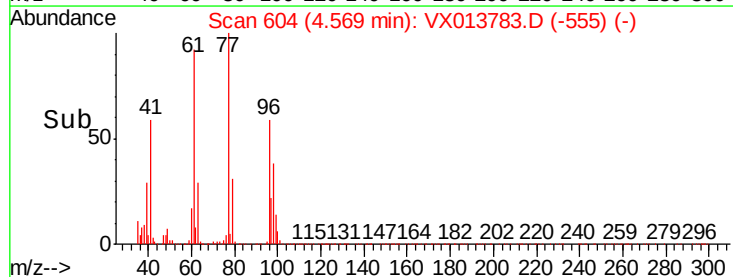
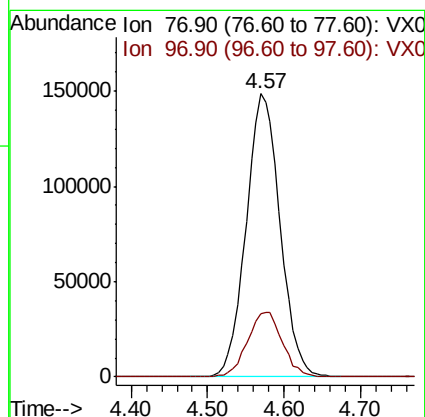
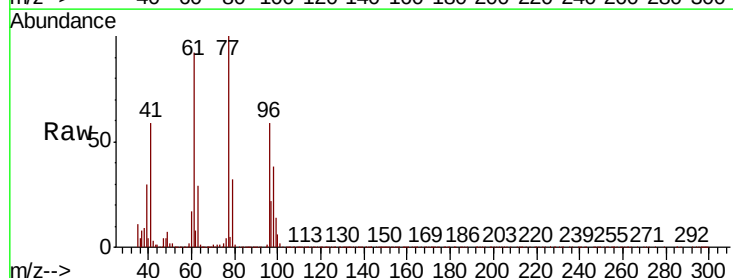
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

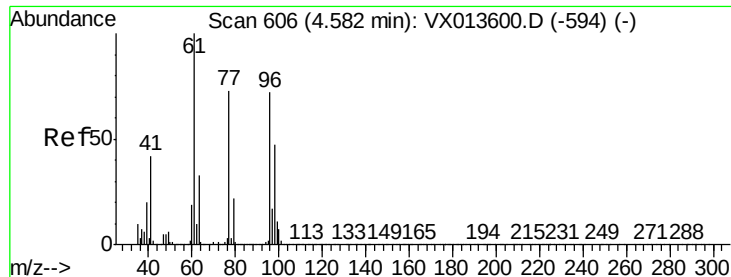
Tot Ion: 43 Resp: 1307447
Ion Ratio Lower Upper
43 100
72 25.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 49.444 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 77 Resp: 457519
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.1



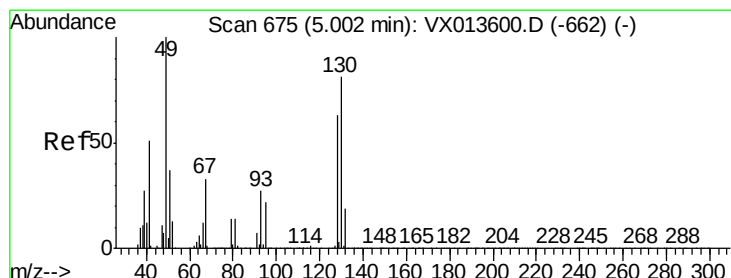
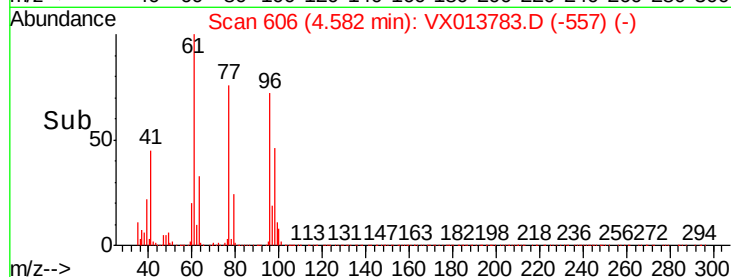
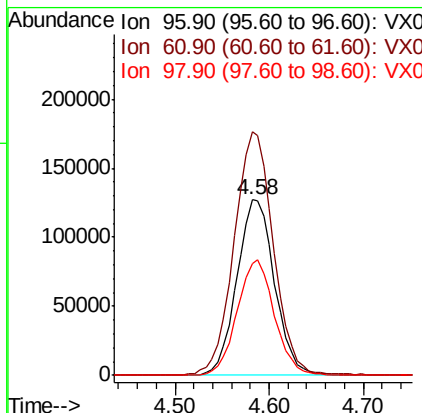
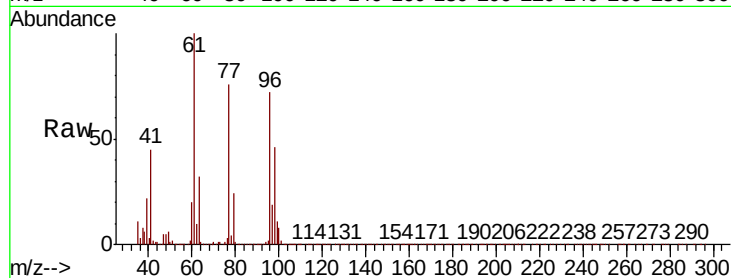


#27

cis-1,2-Dichloroethene
Concen: 48.516 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

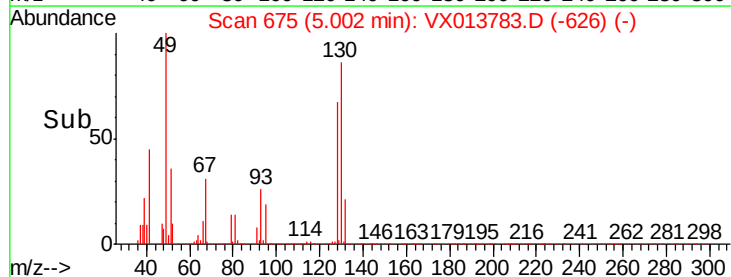
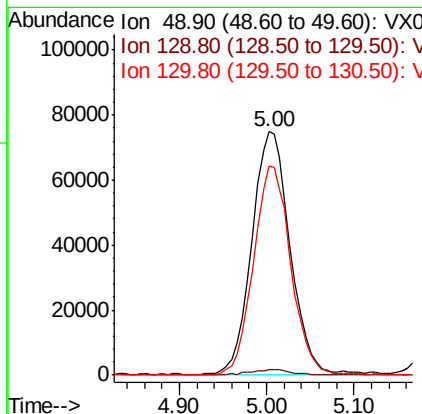
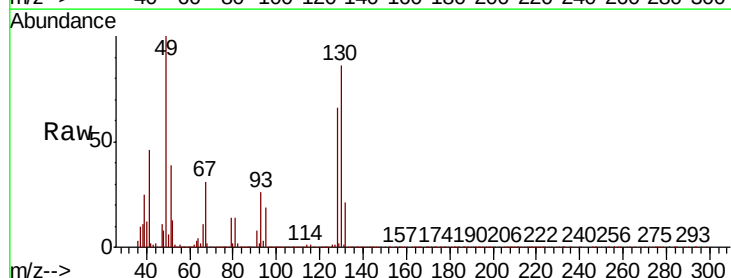
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	286.4
98	65.3	0.0	127.4

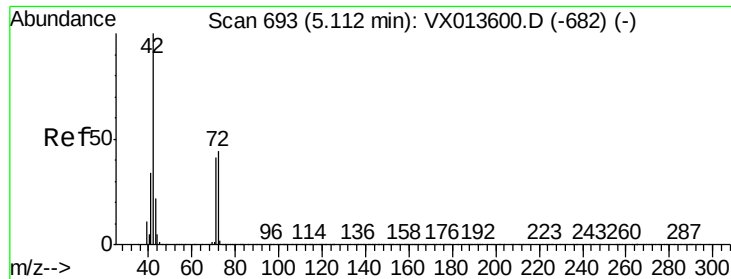


#28

Bromochloromethane
Concen: 51.057 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	84.3	65.4	98.0

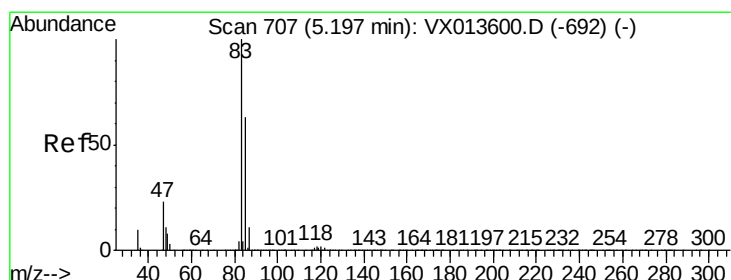
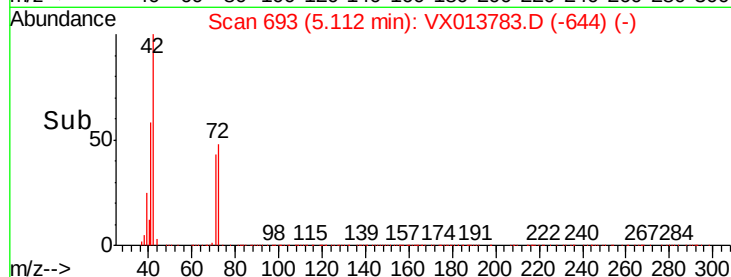
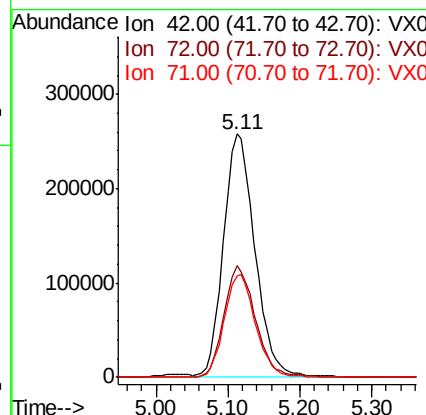
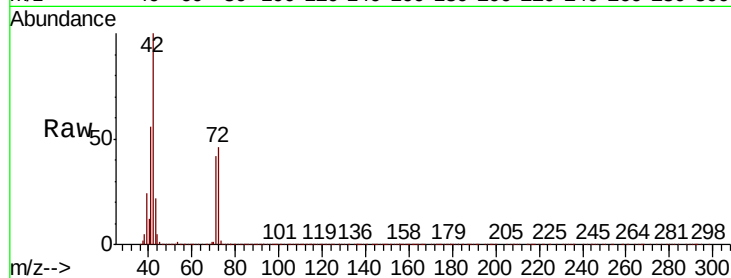




#29
Tetrahydrofuran
Concen: 241.190 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

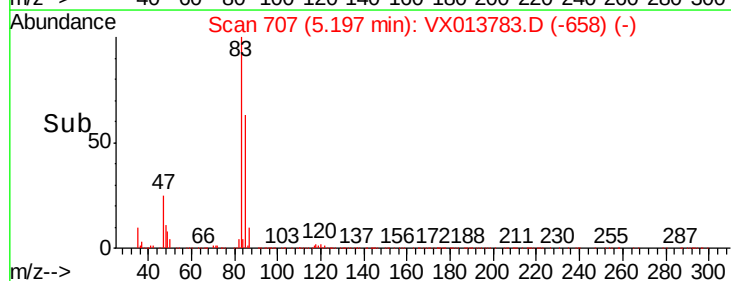
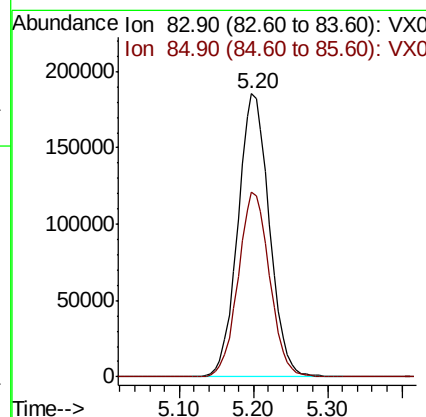
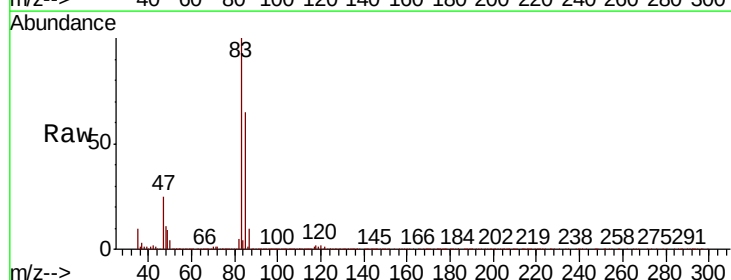
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

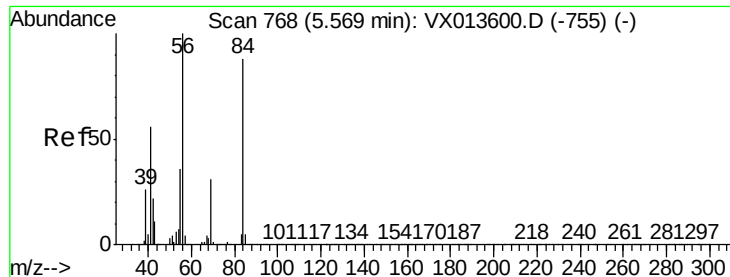
Tot Ion: 42 Resp: 779089
Ion Ratio Lower Upper
42 100
72 46.0 36.3 54.5
71 42.2 33.2 49.8



#30
Chloroform
Concen: 48.442 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 83 Resp: 549450
Ion Ratio Lower Upper
83 100
85 65.1 50.2 75.4

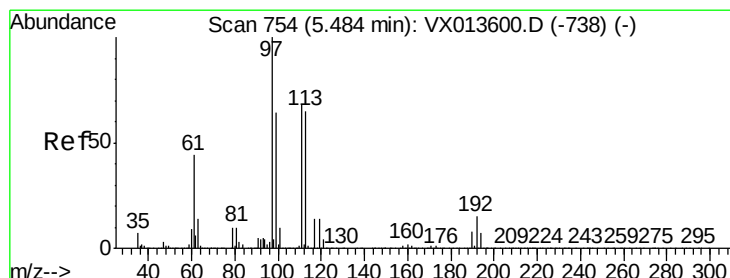
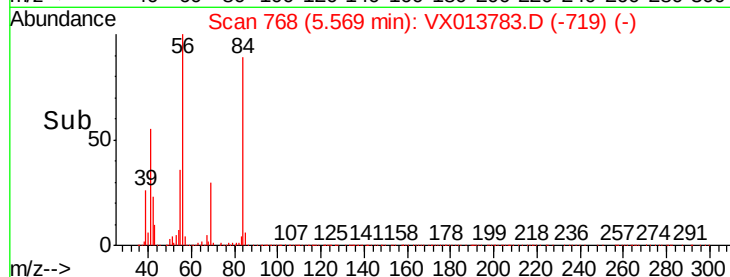
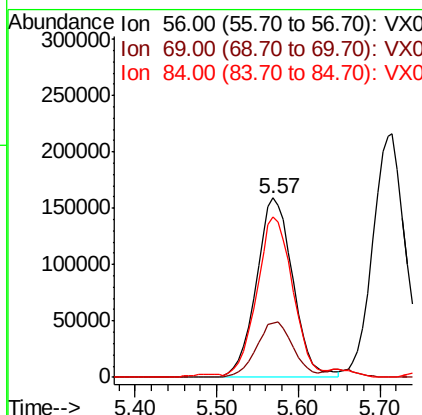
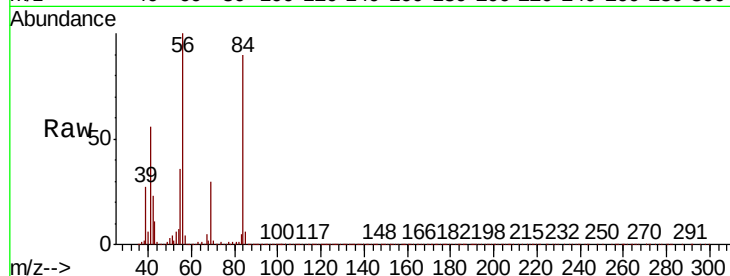




#31
Cyclohexane
Concen: 46.778 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

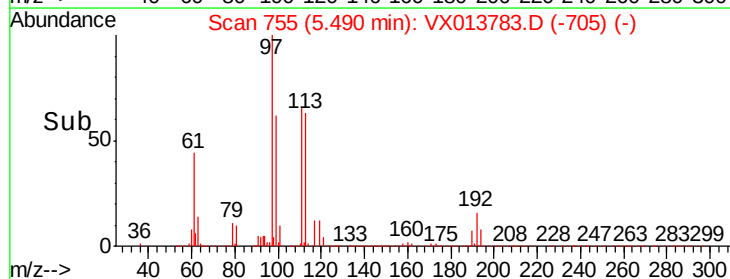
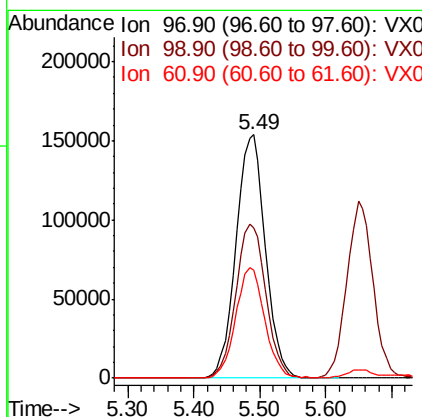
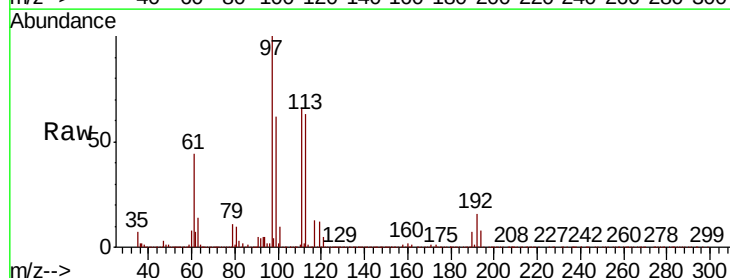
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

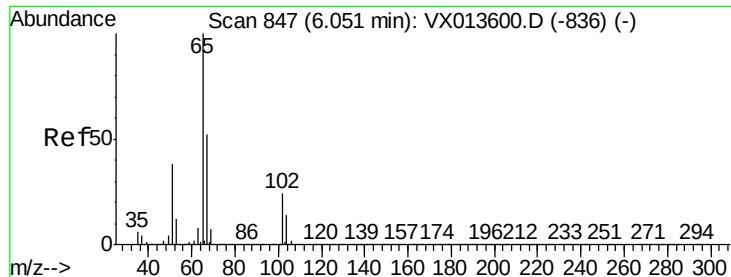
Tot Ion: 56 Resp: 493450
Ion Ratio Lower Upper
56 100
69 30.3 24.6 36.8
84 88.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.857 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 97 Resp: 472561
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 44.5 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.630 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

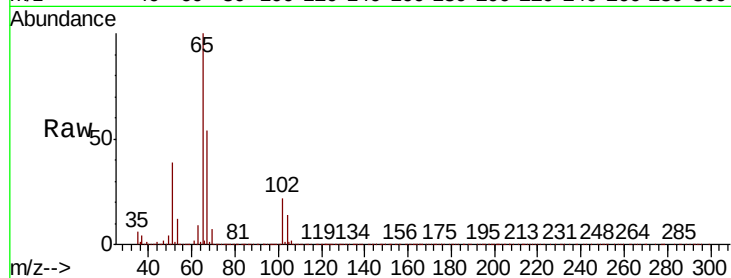
VSTDCCC050EC

Tot Ion: 65 Resp: 340133

Ion Ratio Lower Upper

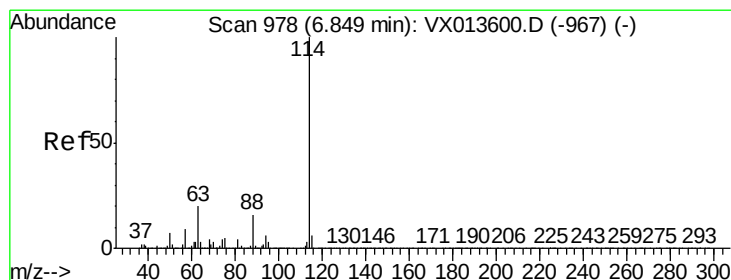
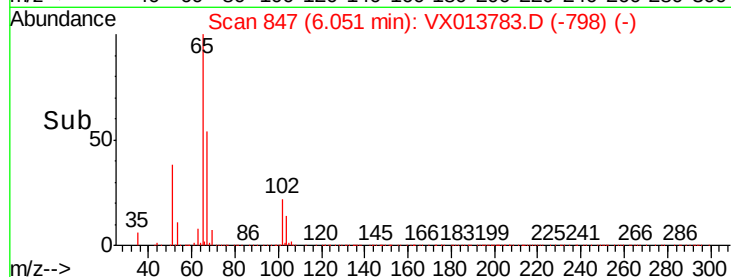
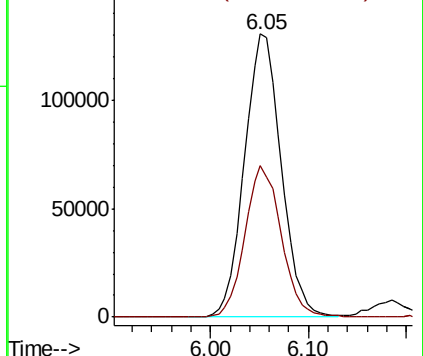
65 100

67 53.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

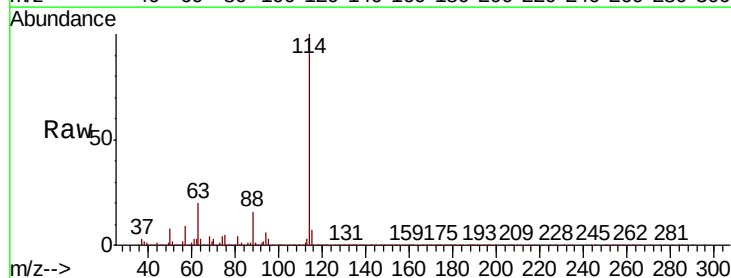
Tgt Ion: 114 Resp: 936680

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

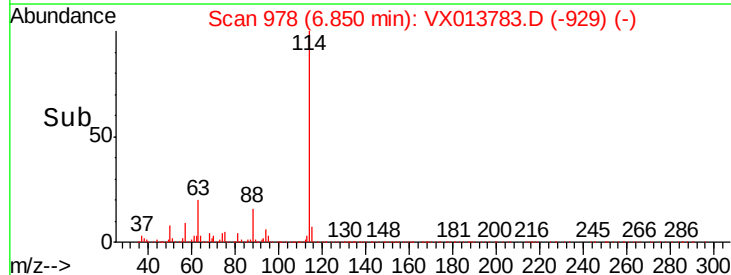
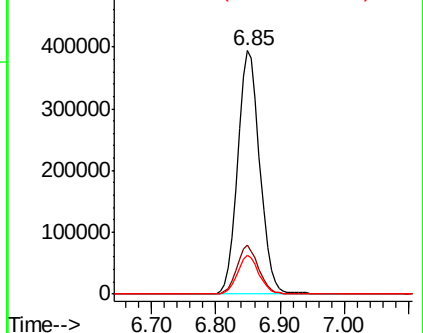
88 15.7 0.0 31.4

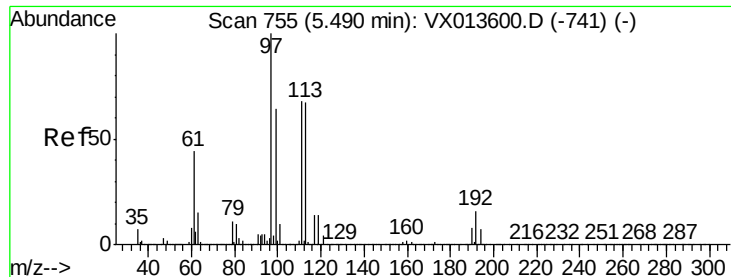


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.119 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

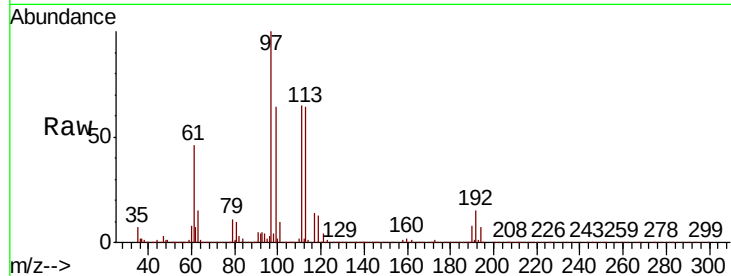
Tot Ion:113 Resp: 284434

Ion Ratio Lower Upper

113 100

111 103.2 83.6 125.4

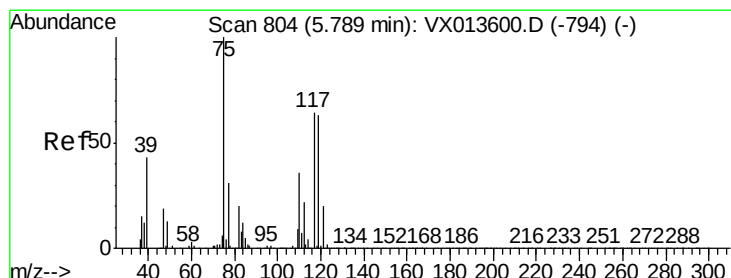
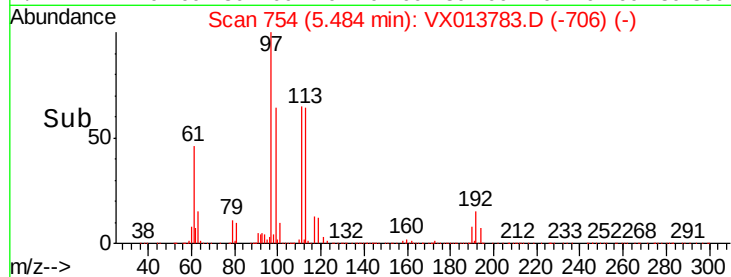
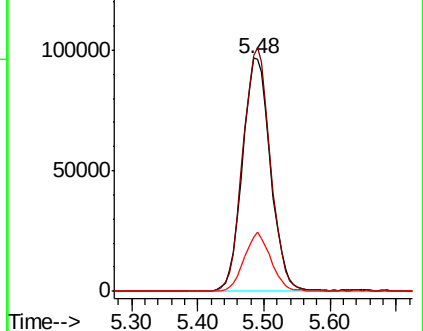
192 24.4 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.654 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

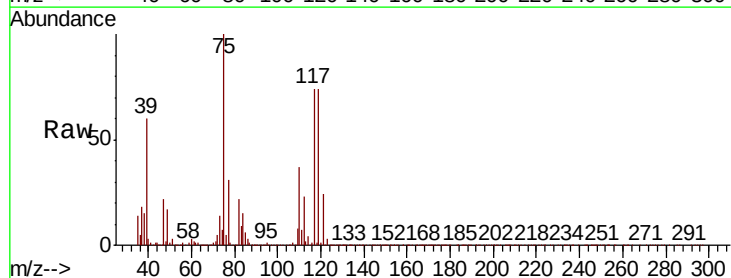
Tgt Ion: 75 Resp: 405189

Ion Ratio Lower Upper

75 100

110 37.8 18.1 54.1

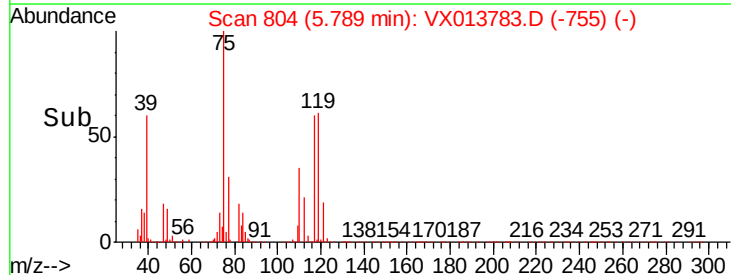
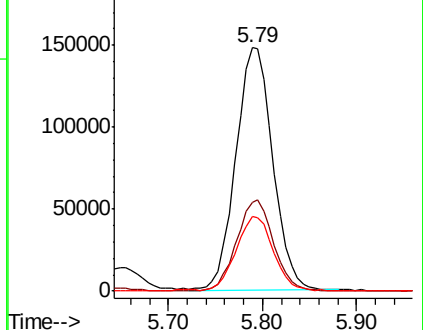
77 30.9 24.5 36.7

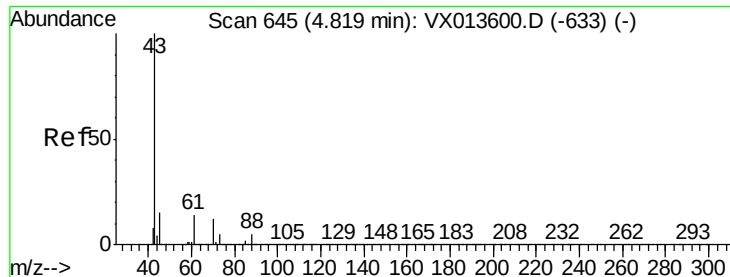


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

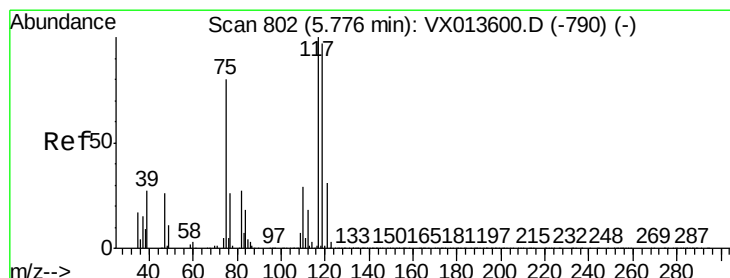
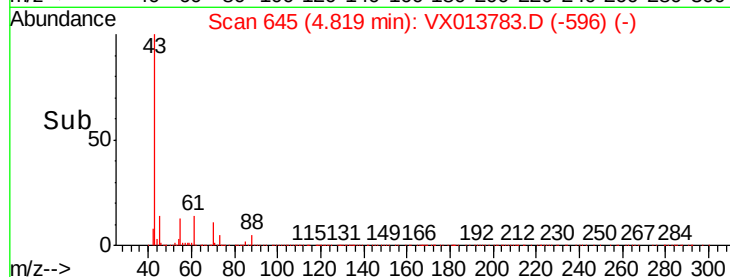
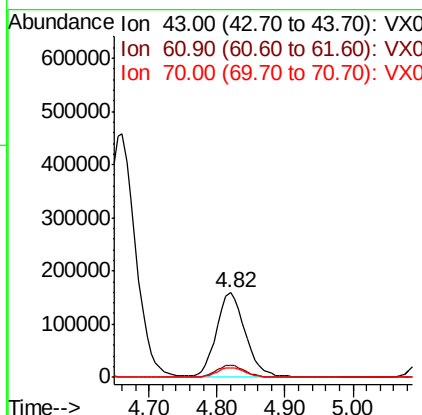
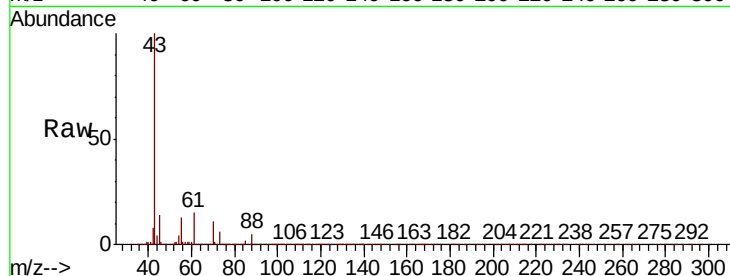




#37
Ethyl Acetate
Concen: 49.259 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

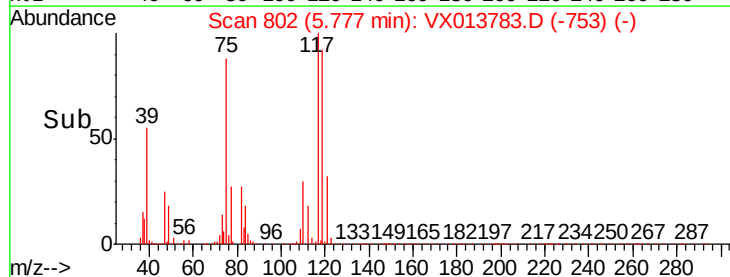
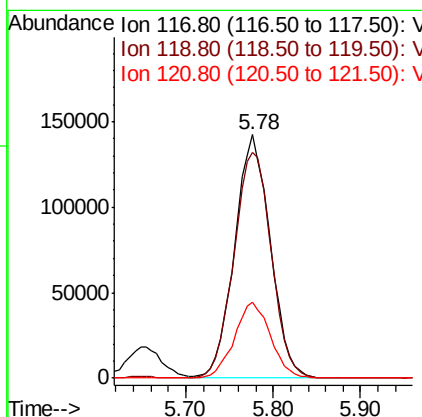
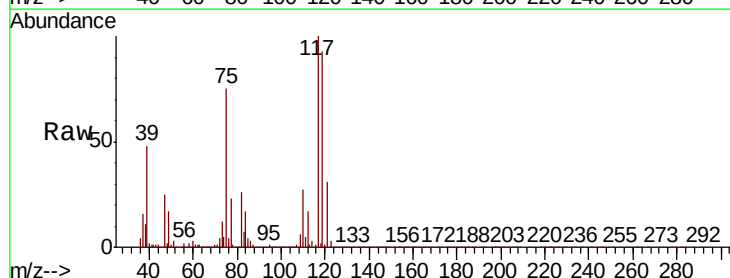
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

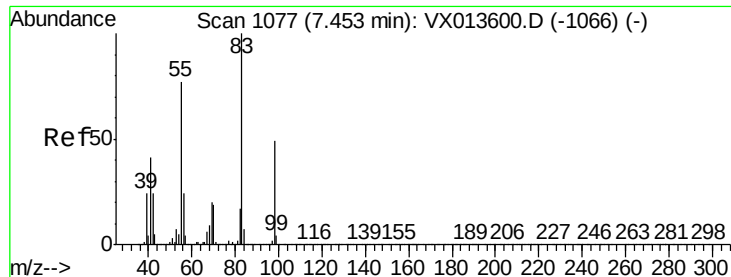
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.9	8.6	12.8



#38
Carbon Tetrachloride
Concen: 51.193 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.5	116.3
121	31.3	25.0	37.6

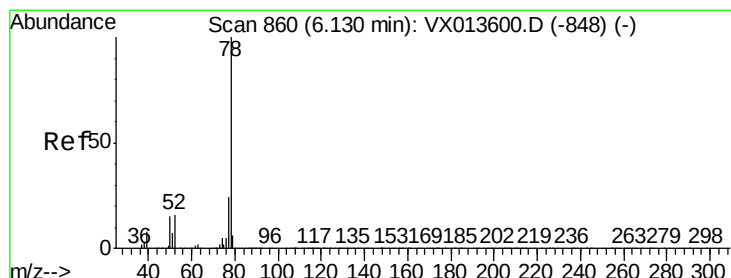
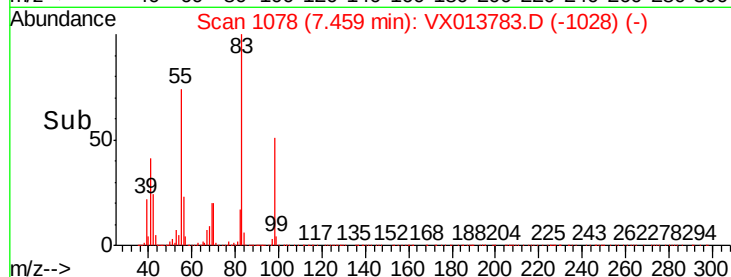
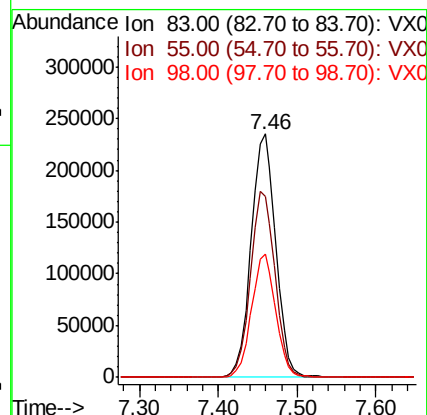
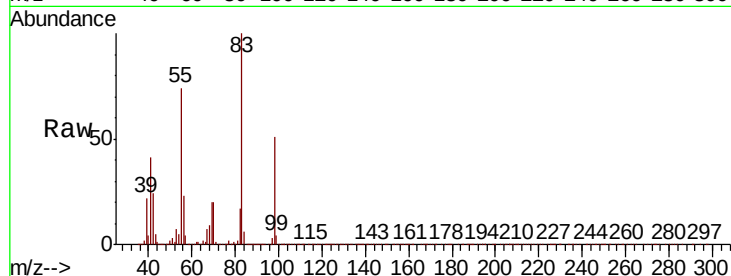




#39
Methylvlcyclohexane
Concen: 48.645 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

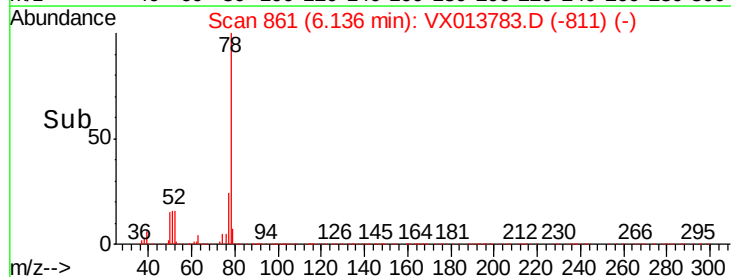
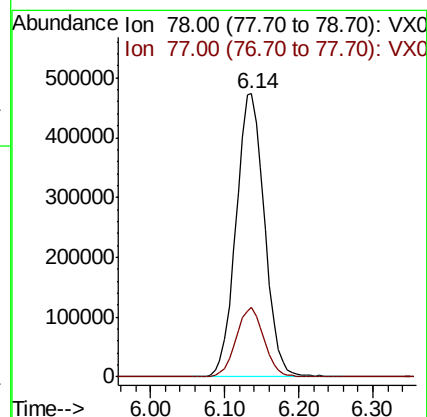
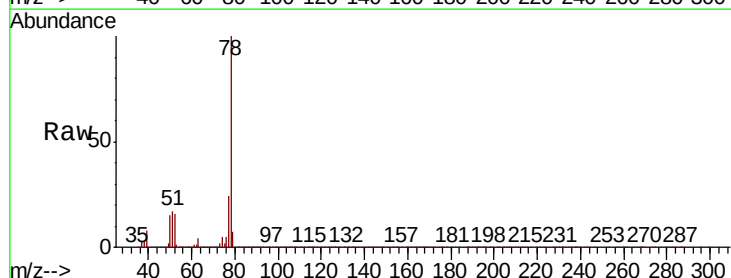
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

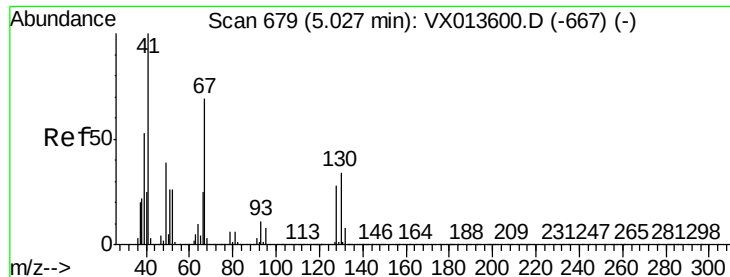
Tot Ion: 83 Resp: 511267
Ion Ratio Lower Upper
83 100
55 74.1 61.9 92.9
98 50.6 39.4 59.0



#40
Benzene
Concen: 48.841 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 78 Resp: 1264796
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

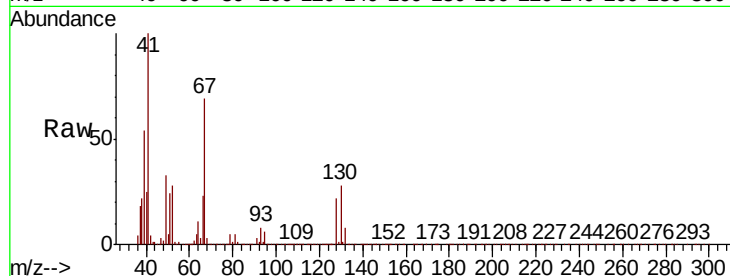




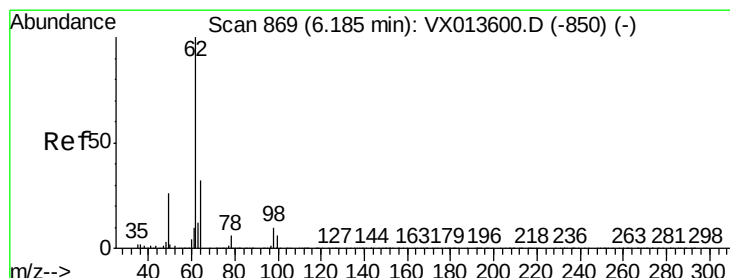
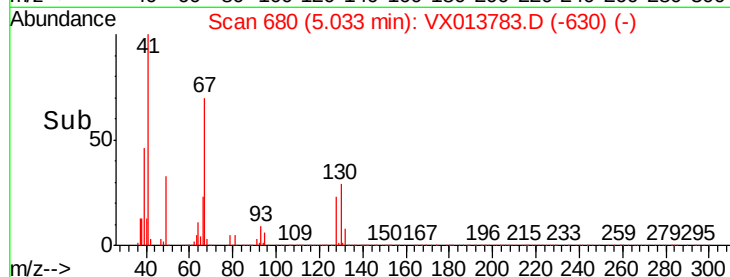
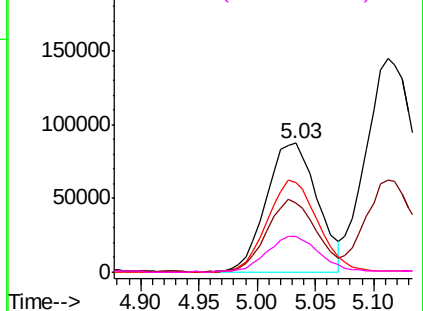
#41
Methacrylonitrile
Concen: 50.664 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	265036
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.9	64.3
67	71.2	57.4	86.0
52	27.7	22.4	33.6

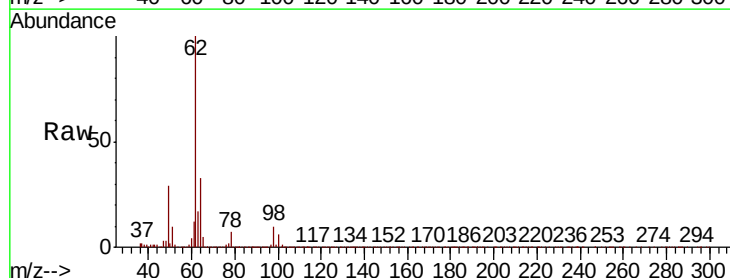


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

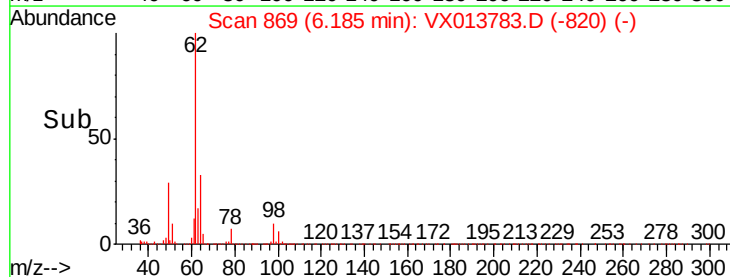
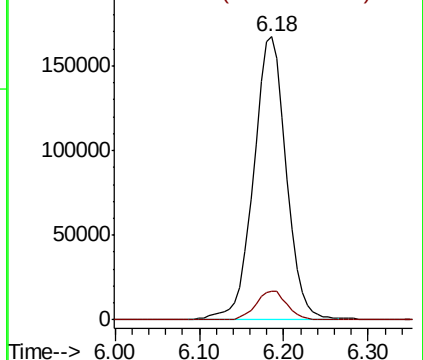


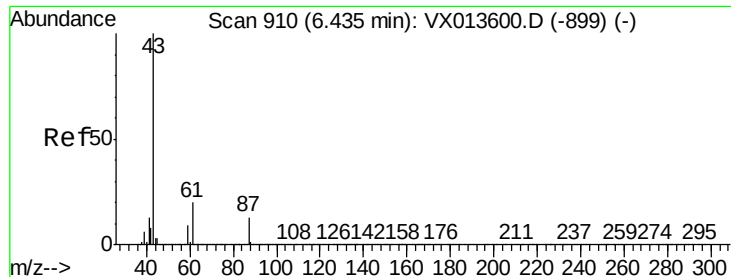
#42
1,2-Dichloroethane
Concen: 50.098 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion:	62	Resp:	442452
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 49.221 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

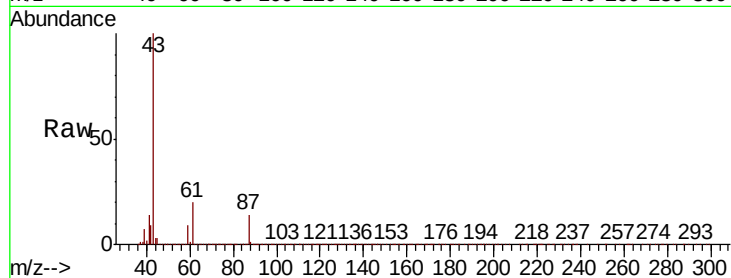
Tot Ion: 43 Resp: 772950

Ion Ratio Lower Upper

43 100

61 20.4 16.3 24.5

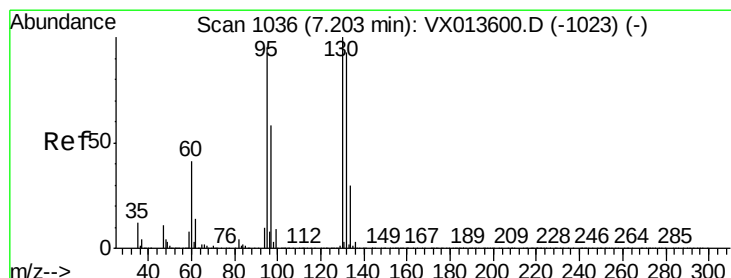
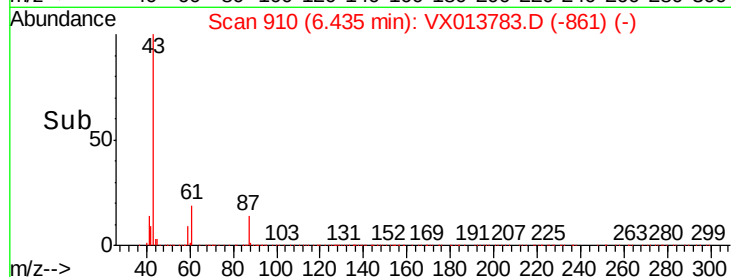
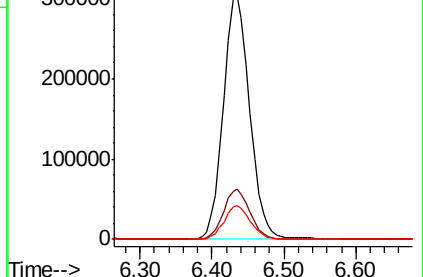
87 13.5 10.8 16.2



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: 47.589 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013783.D

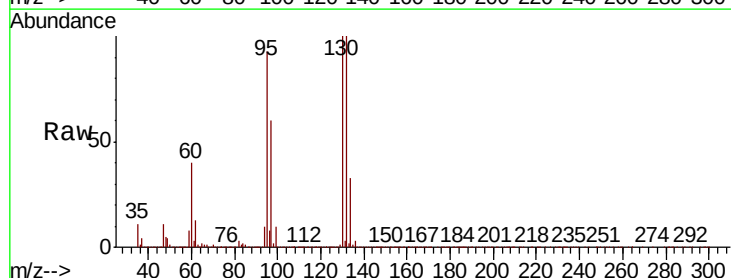
Acq: 05 Dec 2019 18:24

Tgt Ion: 130 Resp: 338226

Ion Ratio Lower Upper

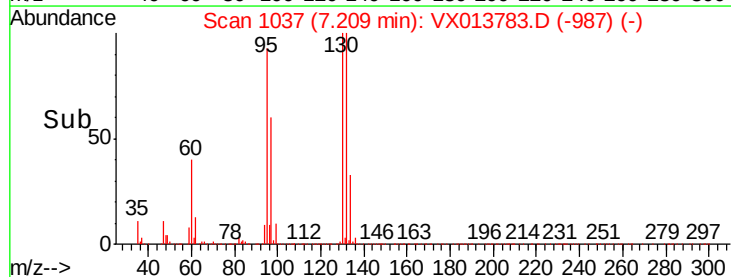
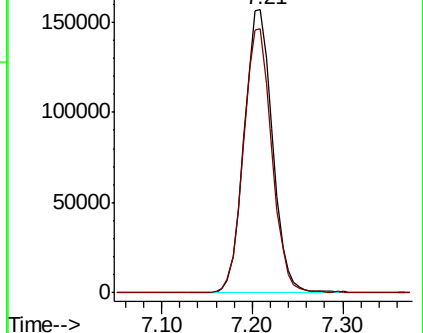
130 100

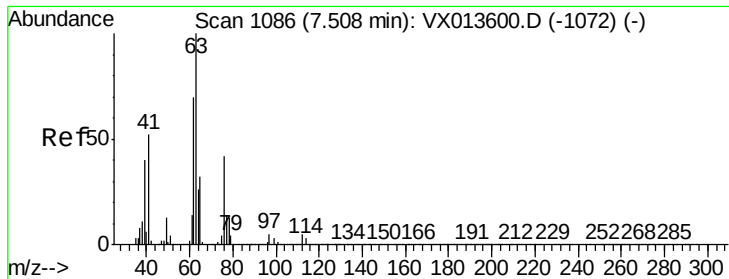
95 93.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.569 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

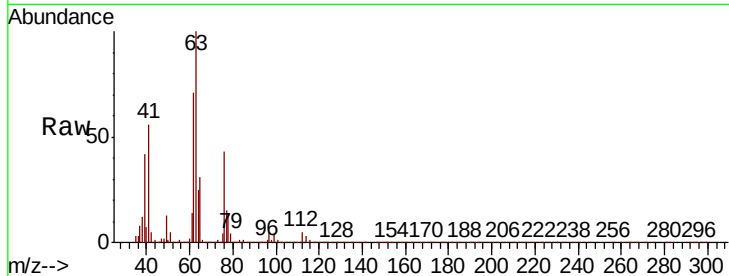
VSTDCCC050EC

Tot Ion: 63 Resp: 334128

Ion Ratio Lower Upper

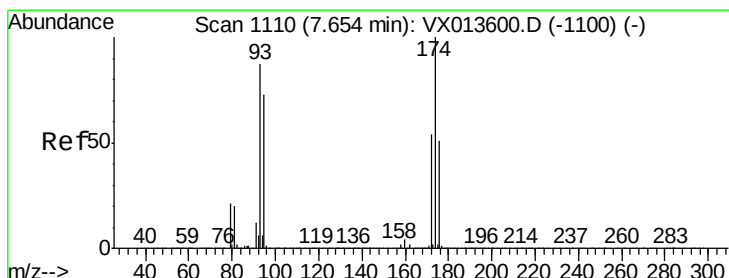
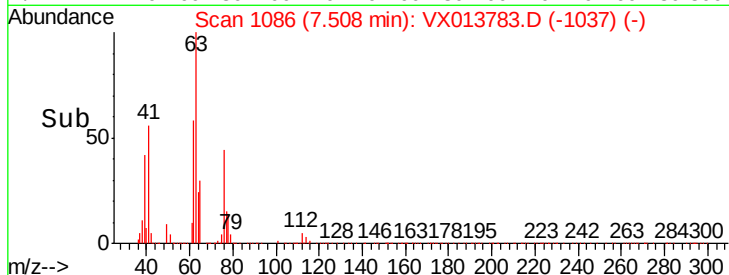
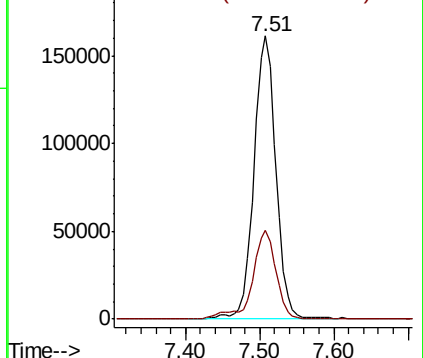
63 100

65 31.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.871 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

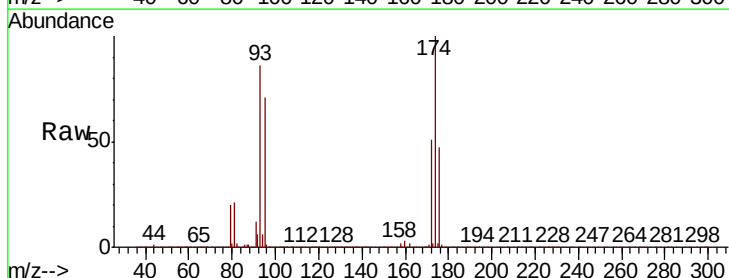
Tgt Ion: 93 Resp: 215060

Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

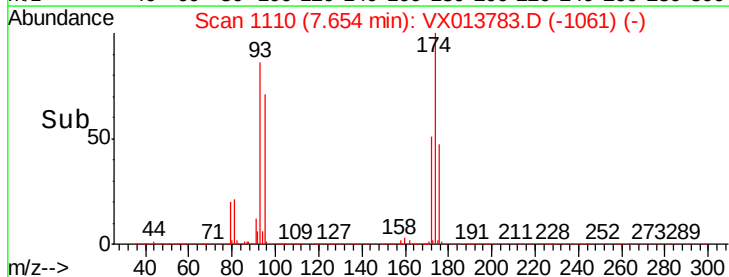
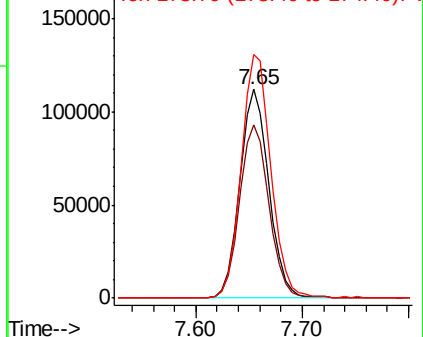
174 119.1 93.4 140.0

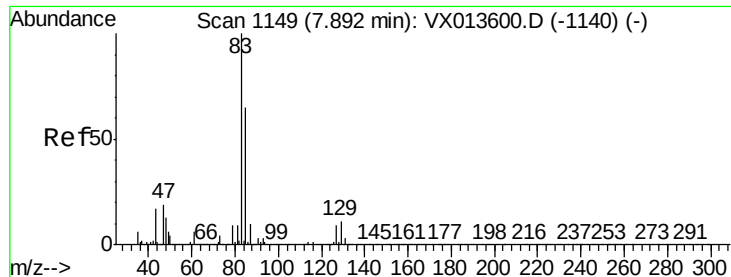


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.349 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

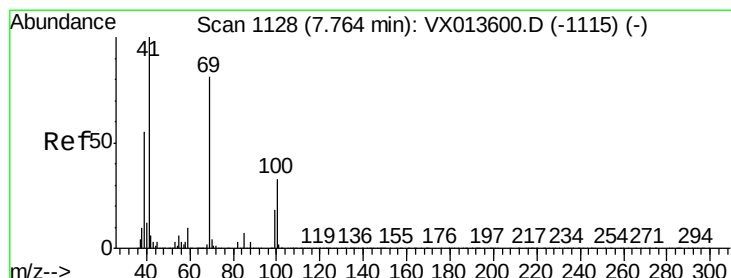
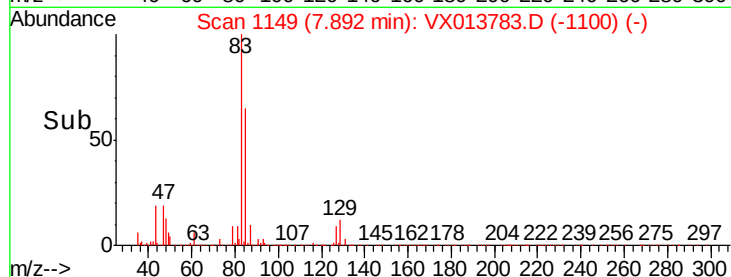
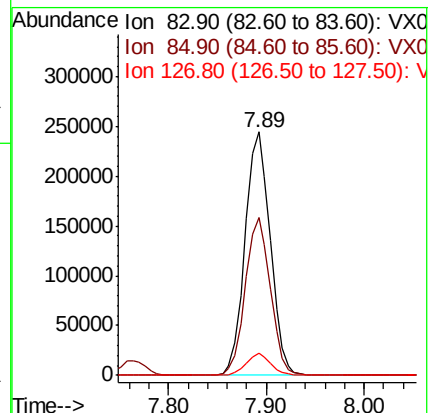
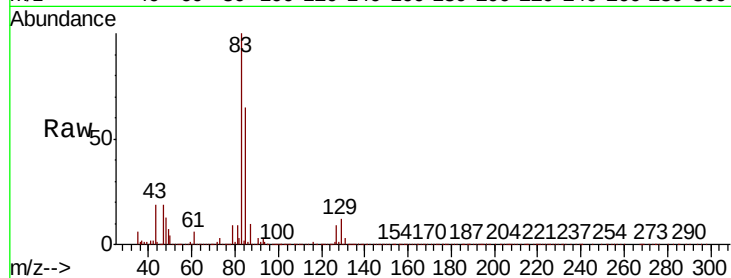
Tot Ion: 83 Resp: 435496

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

127 9.2 7.0 10.4



#48

Methyl methacrylate

Concen: 51.006 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

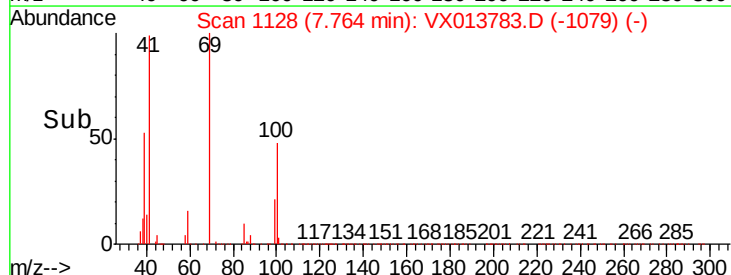
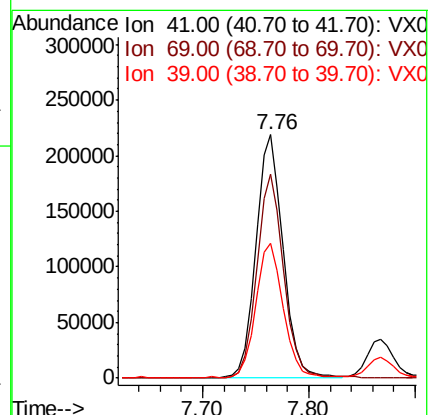
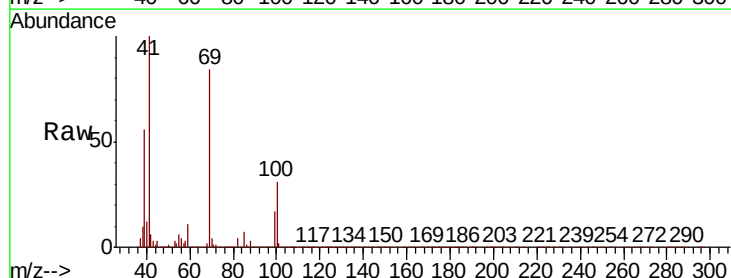
Tgt Ion: 41 Resp: 389179

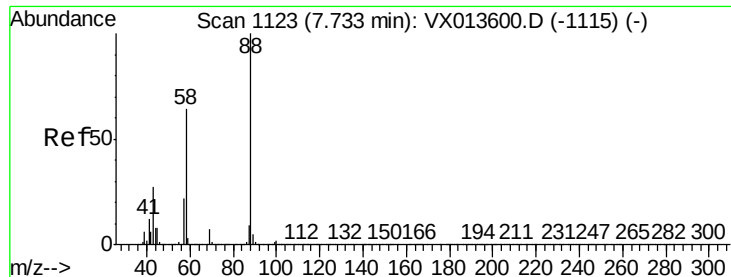
Ion Ratio Lower Upper

41 100

69 82.6 64.7 97.1

39 56.2 43.8 65.6





#49

1,4-Dioxane

Concen: 843.863 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

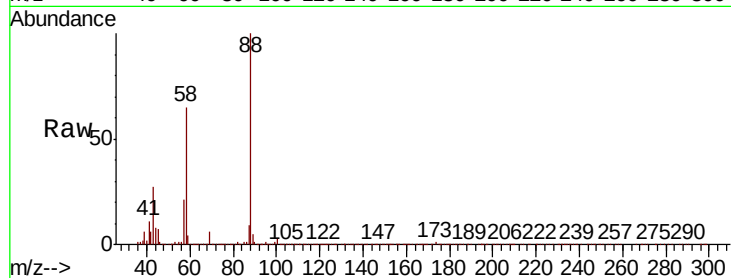
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 144124

Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.8	38.6
58	69.7	54.6	82.0

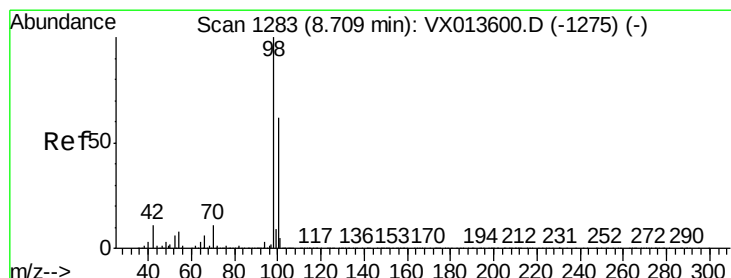
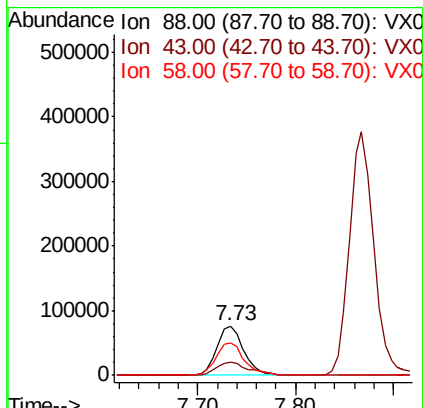
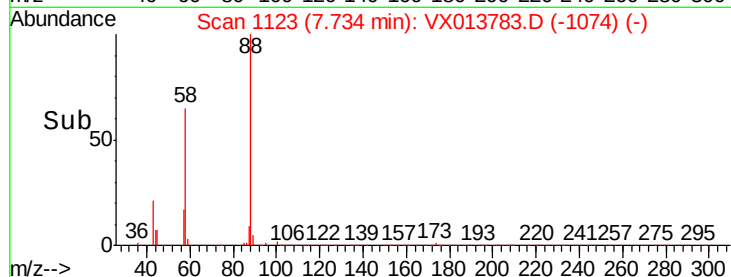


Abundance

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: 47.574 ug/l

RT: 8.71 min Scan# 1283

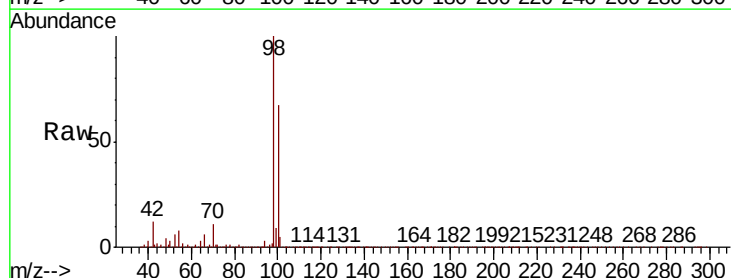
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion: 98 Resp: 1073316

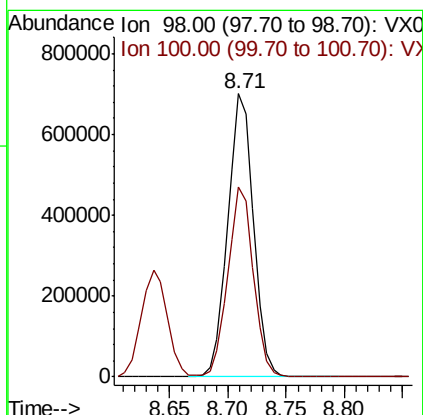
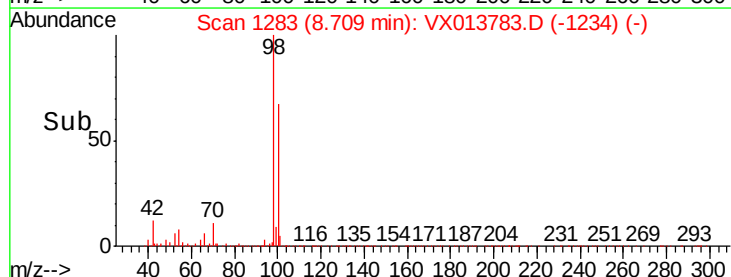
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7

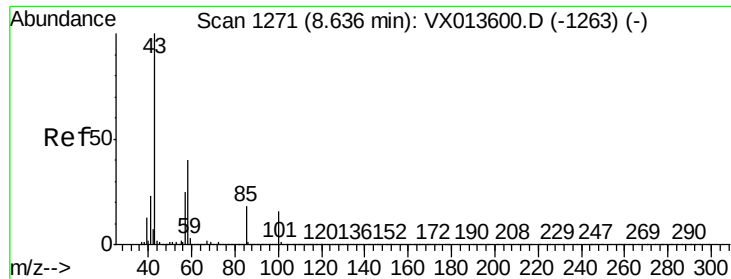


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 247.200 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

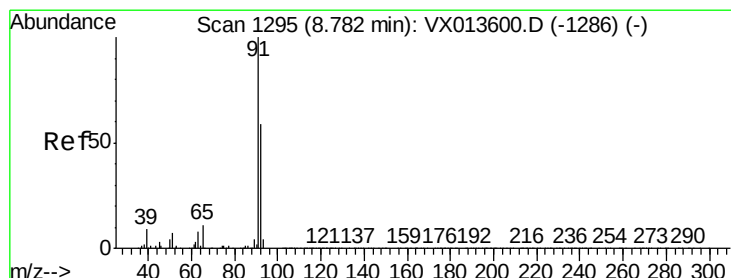
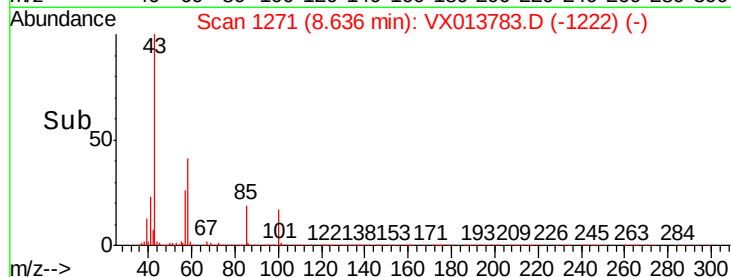
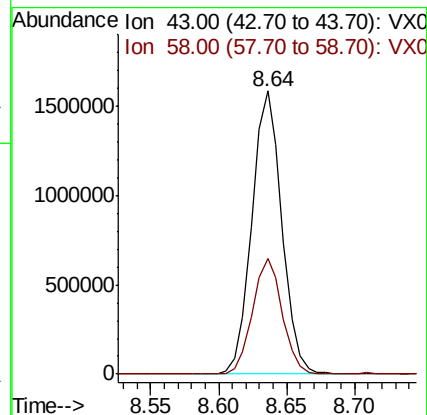
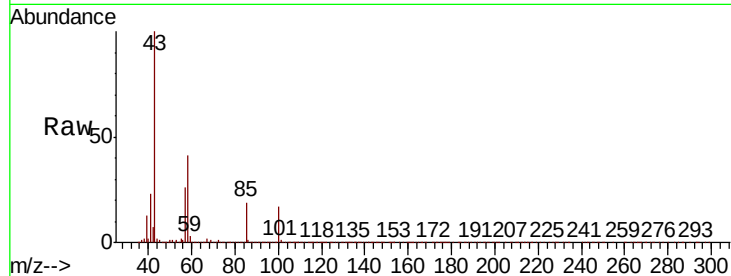
VSTDCCC050EC

Tot Ion: 43 Resp: 2441855

Ion Ratio Lower Upper

43 100

58 40.5 32.1 48.1



#52

Toluene

Concen: 49.609 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013783.D

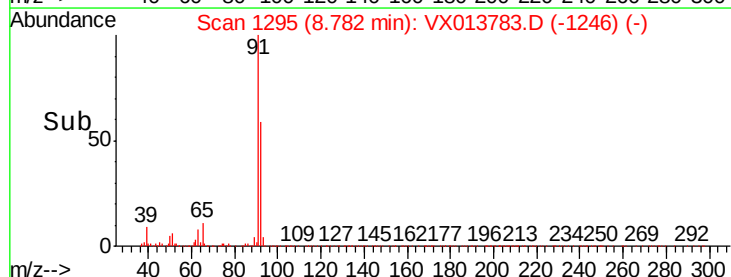
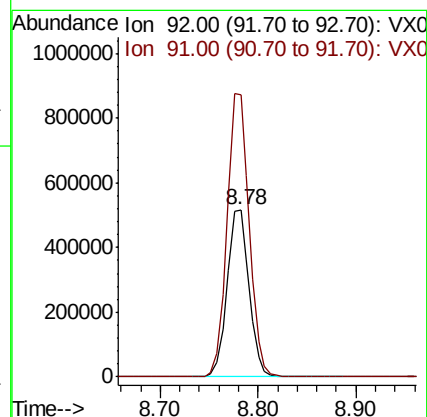
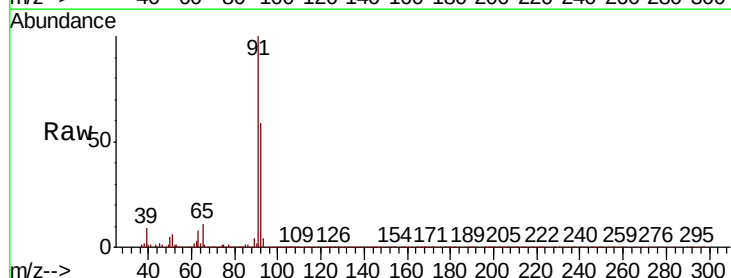
Acq: 05 Dec 2019 18:24

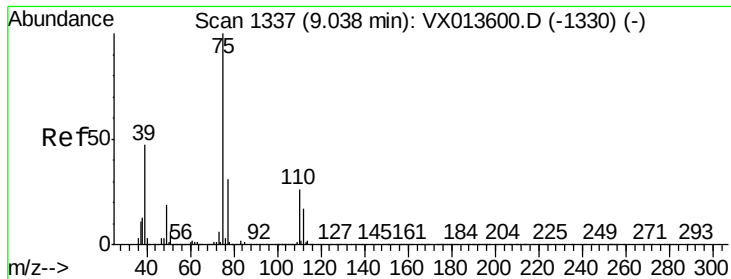
Tgt Ion: 92 Resp: 798102

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2

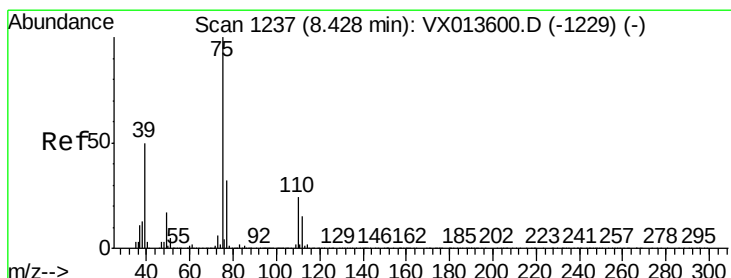
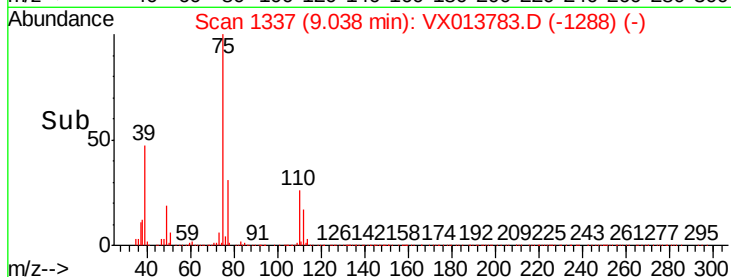
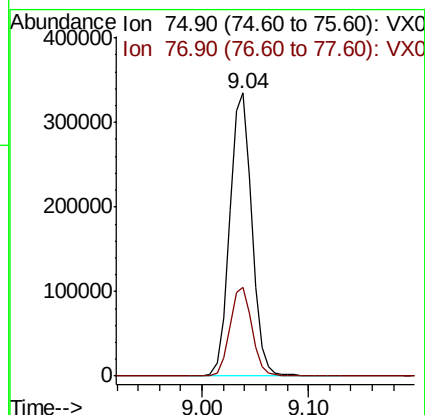
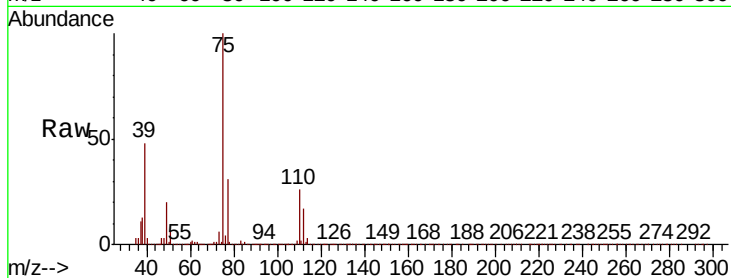




#53
t-1,3-Dichloropropene
Concen: 51.336 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

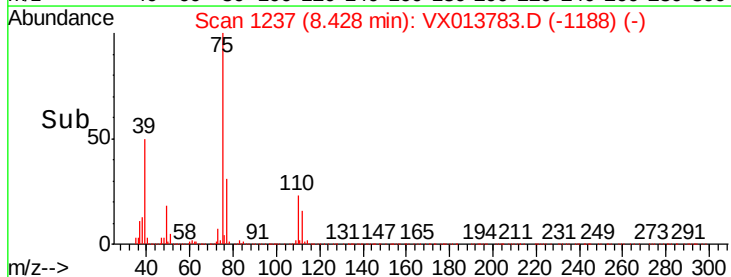
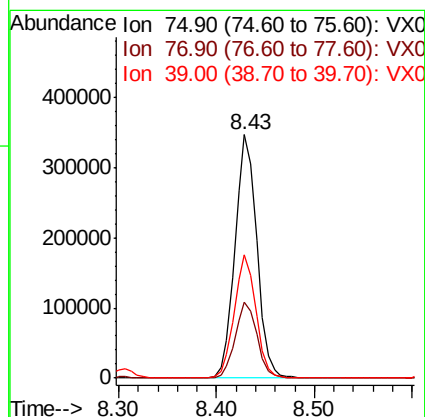
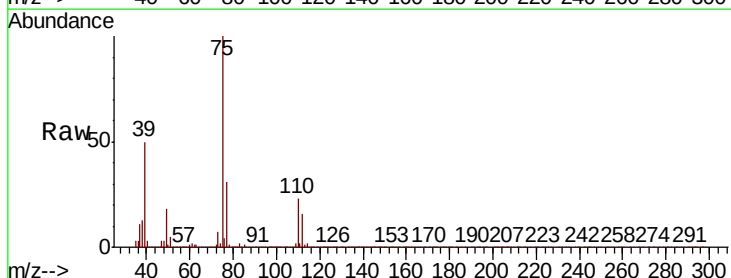
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

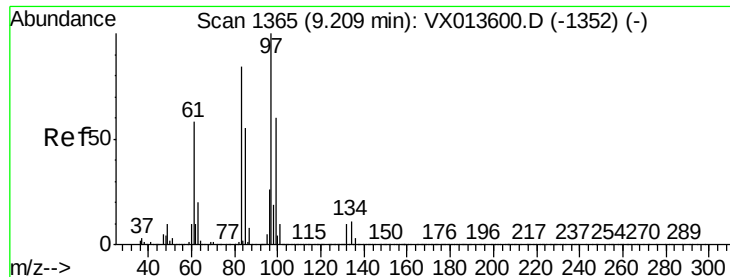
Tot Ion: 75 Resp: 486106
Ion Ratio Lower Upper
75 100
77 31.2 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 52.183 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 75 Resp: 539844
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
39 50.3 39.9 59.9

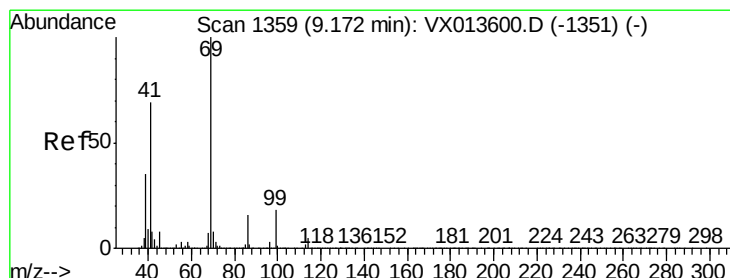
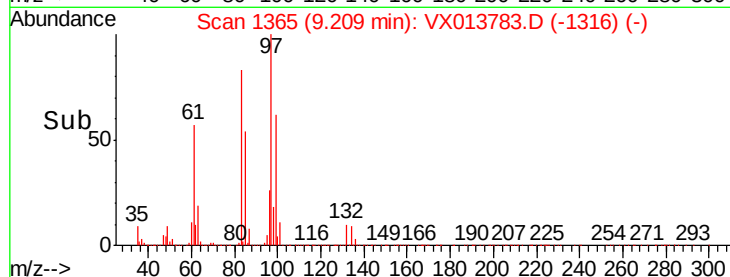
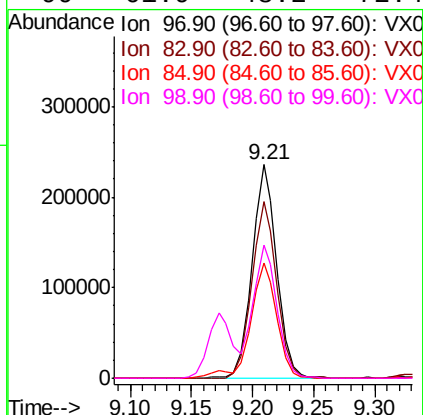
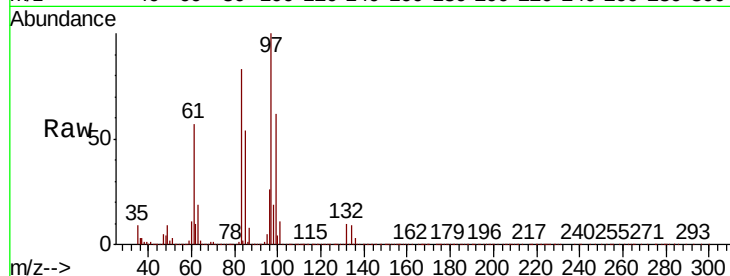




#55
 1,1,2-Trichloroethane
 Concen: 51.099 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

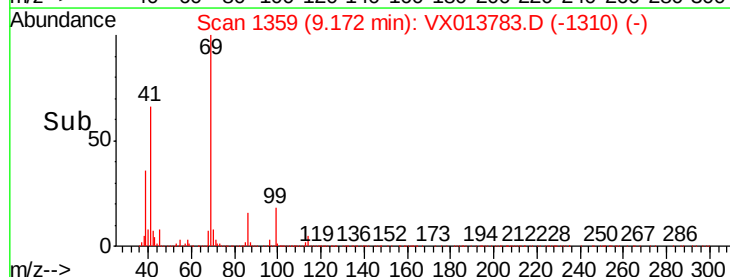
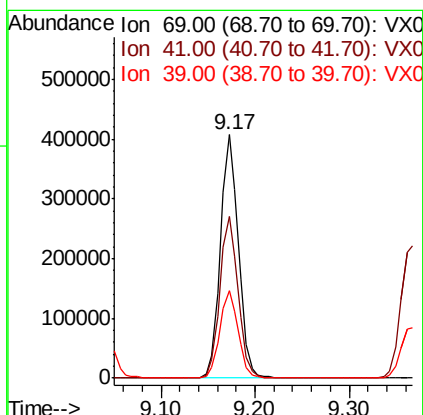
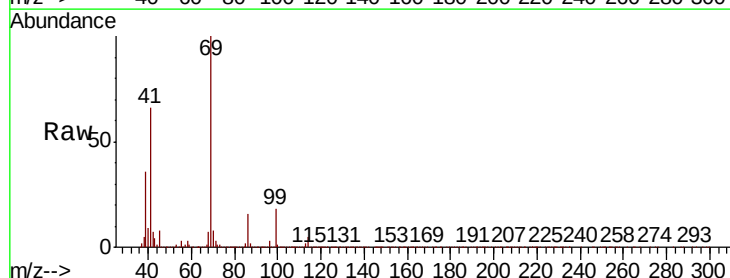
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

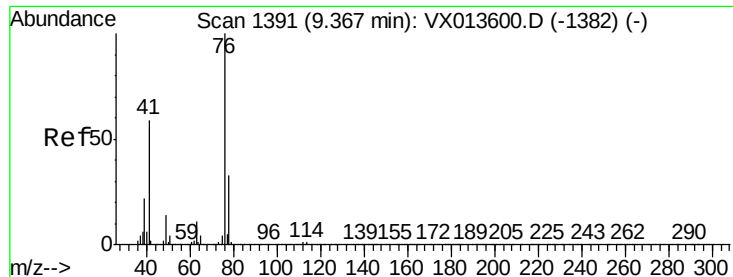
Tot Ion:	97	Resp:	331284
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.3	100.9
85	53.5	43.6	65.4
99	61.9	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 52.002 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion:	69	Resp:	542027
Ion	Ratio	Lower	Upper
69	100		
41	66.7	55.0	82.4
39	36.0	28.7	43.1





#57

1,3-Dichloropropane

Concen: 49.533 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

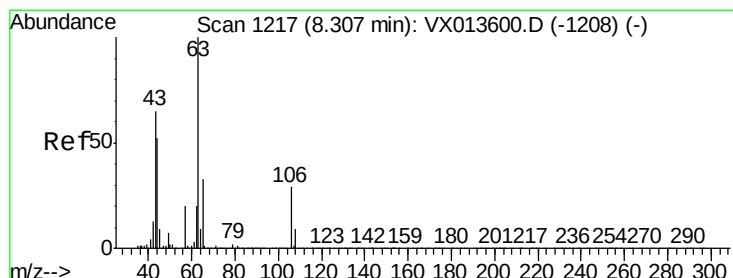
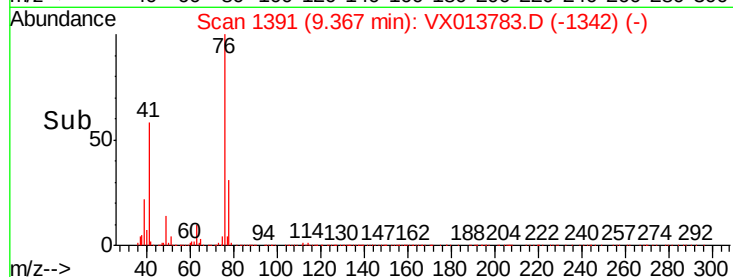
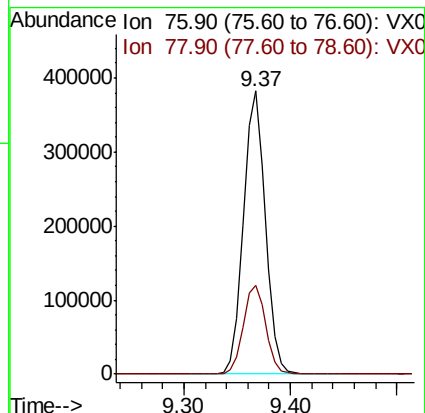
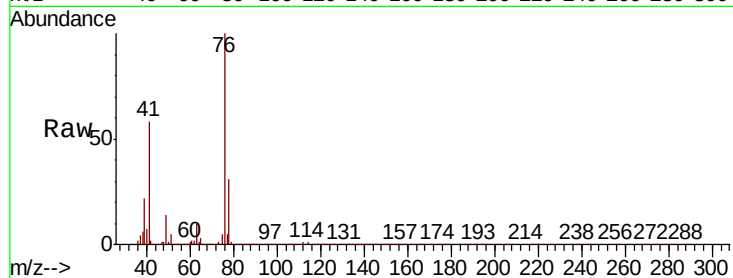
VSTDCCC050EC

Tot Ion: 76 Resp: 553517

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 235.174 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013783.D

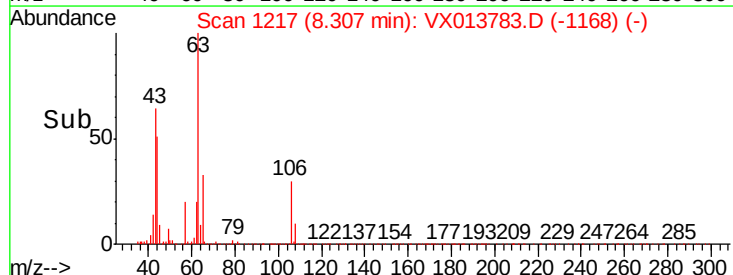
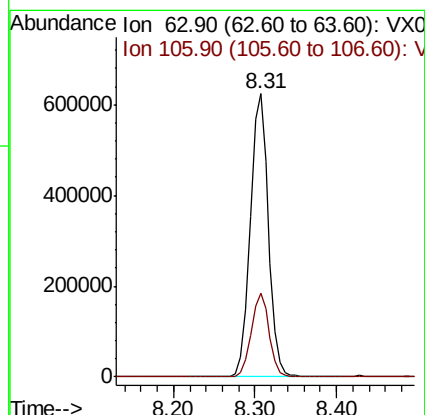
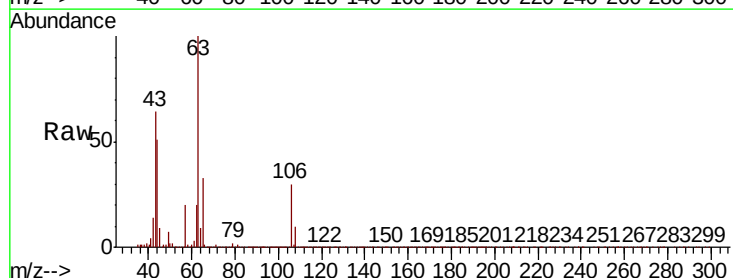
Acq: 05 Dec 2019 18:24

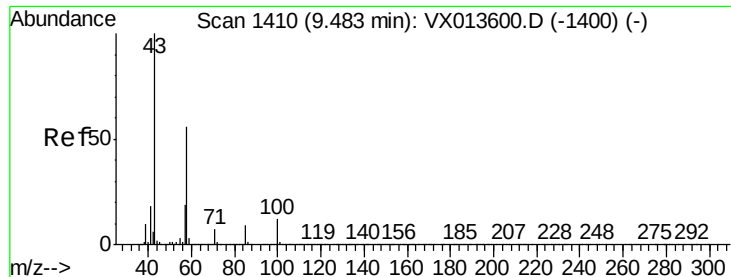
Tgt Ion: 63 Resp: 961078

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.0

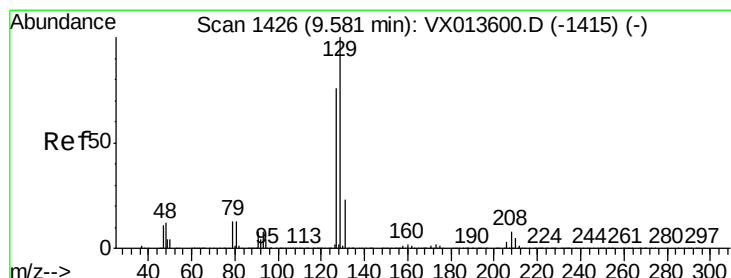
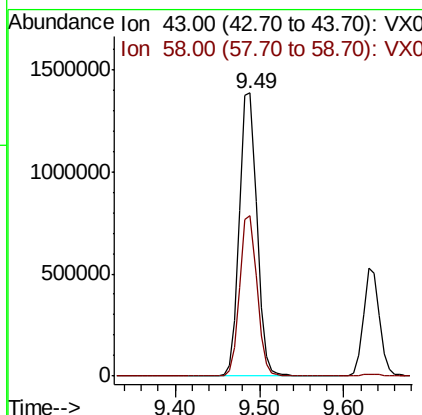
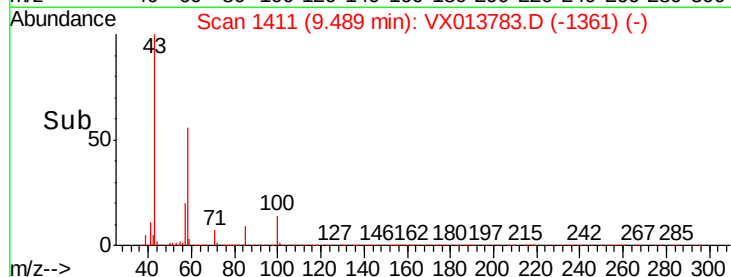
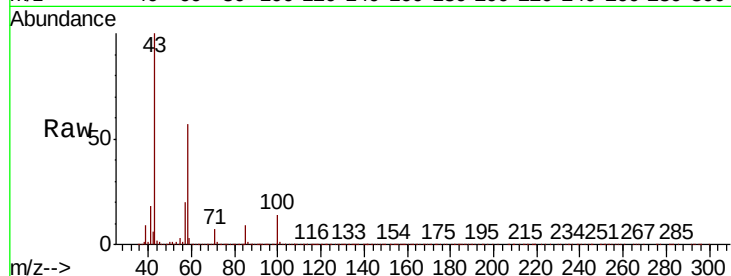




#59
2-Hexanone
Concen: 249.188 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

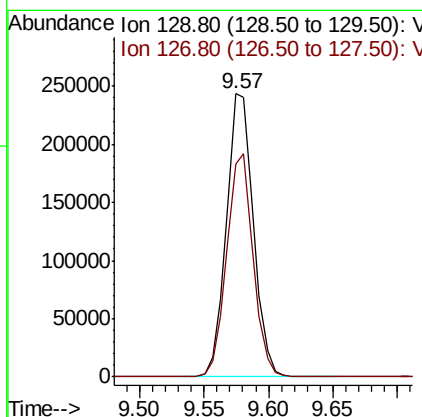
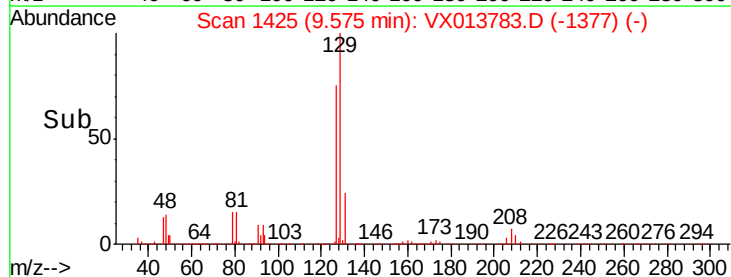
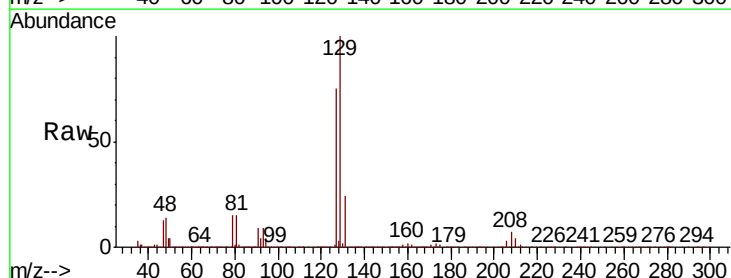
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

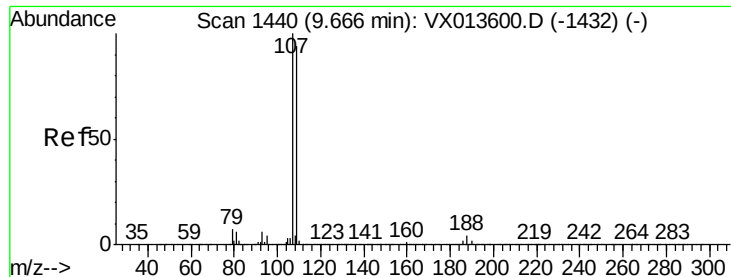
Tot Ion: 43 Resp: 1919777
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4



#60
Dibromochloromethane
Concen: 53.439 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 129 Resp: 359542
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.081 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

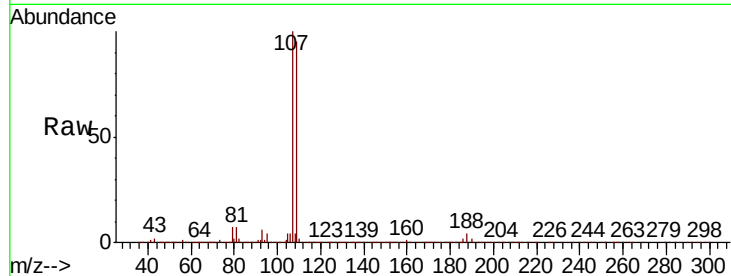
VSTDCCC050EC

Tot Ion:107 Resp: 346774

Ion Ratio Lower Upper

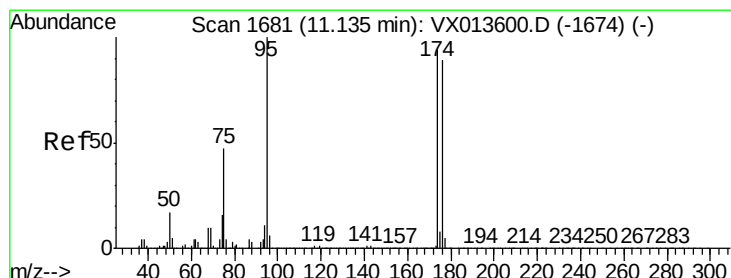
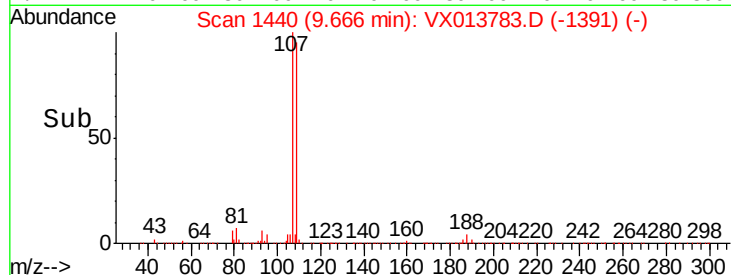
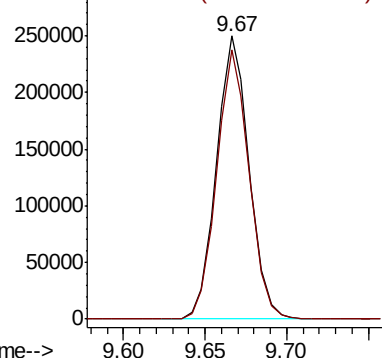
107 100

109 94.7 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.735 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

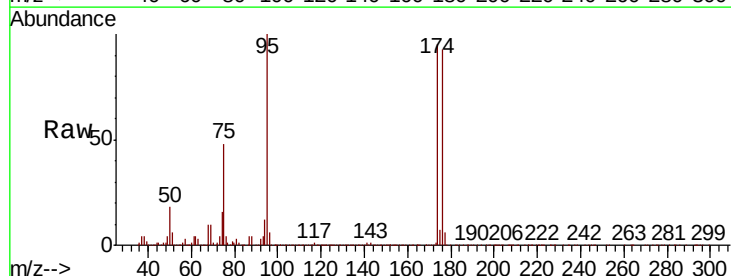
Tgt Ion: 95 Resp: 396490

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

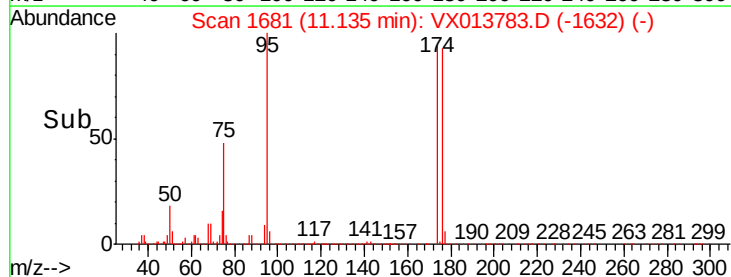
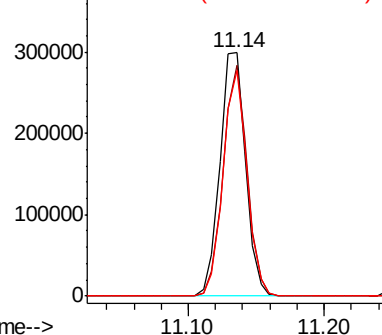
176 86.9 0.0 173.6

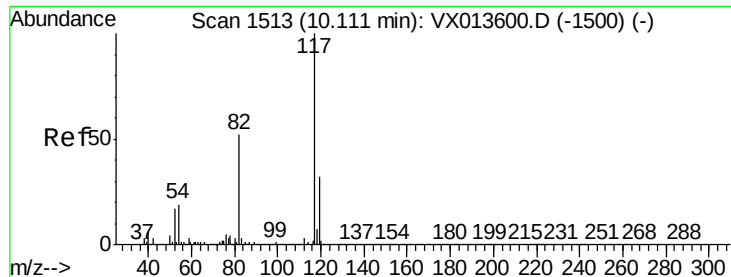


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

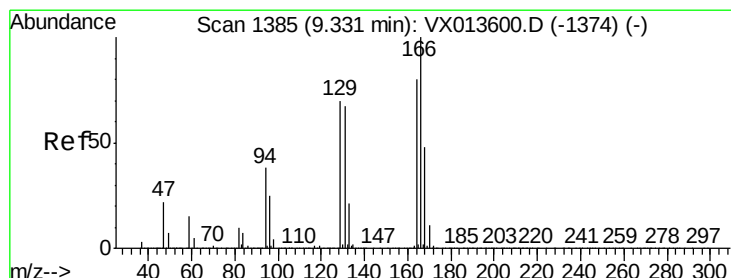
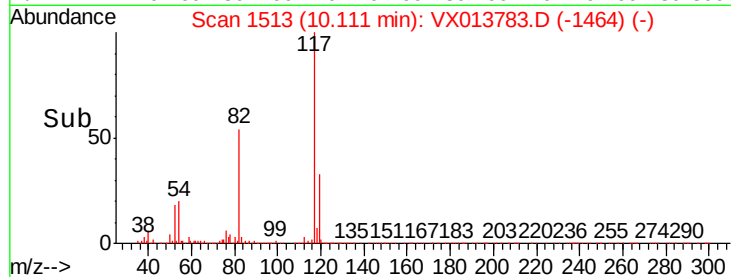
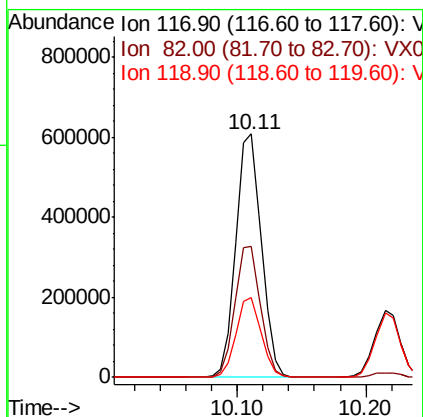
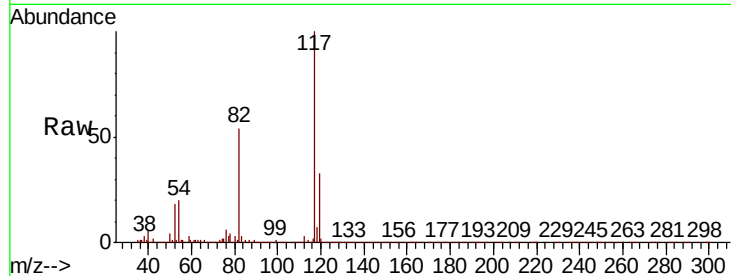




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

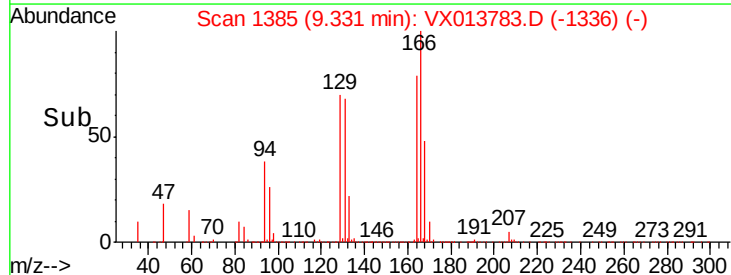
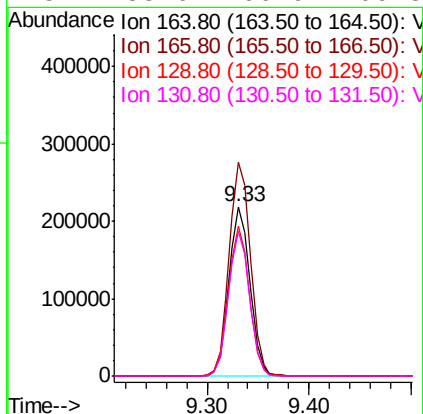
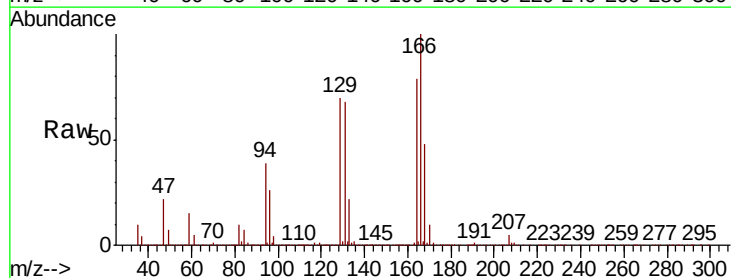
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

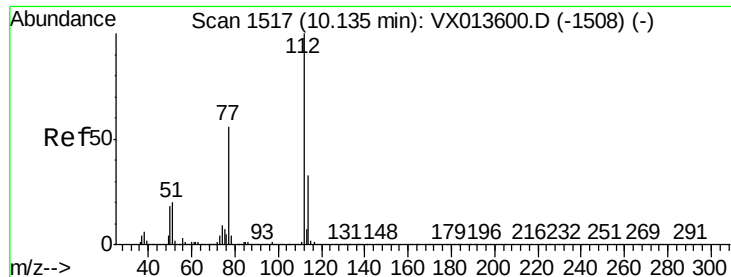
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.8
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 49.622 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.7	149.5
129	88.4	70.1	105.1
131	85.6	66.9	100.3





#65

Chlorobenzene

Concen: 49.859 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

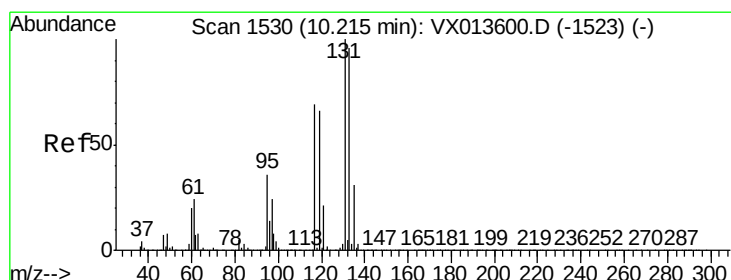
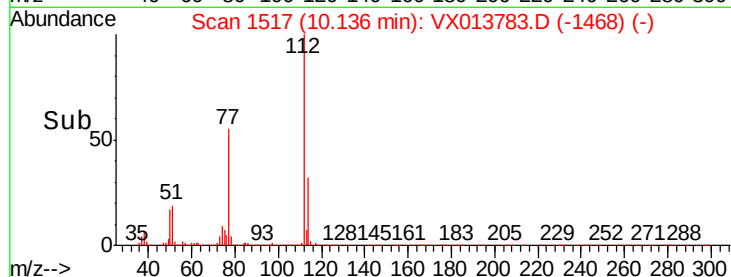
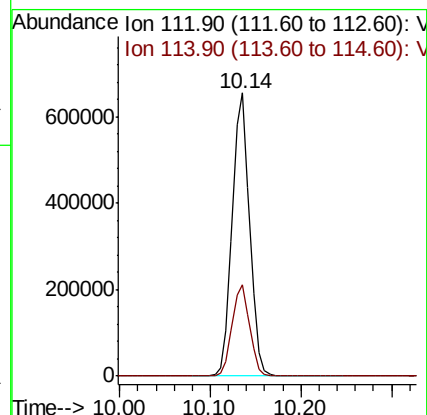
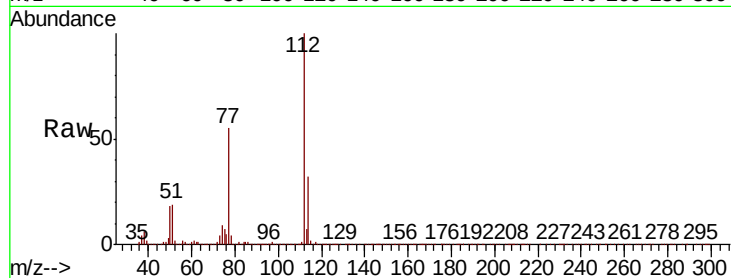
VSTDCCC050EC

Tot Ion:112 Resp: 870821

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 52.752 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

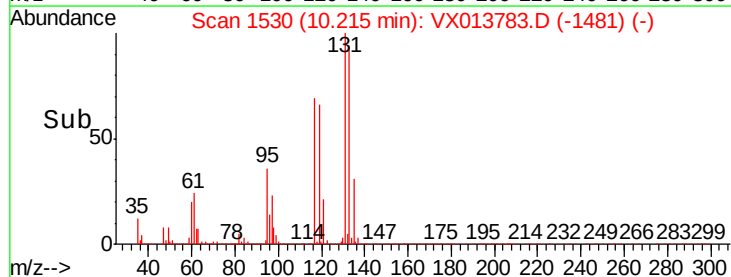
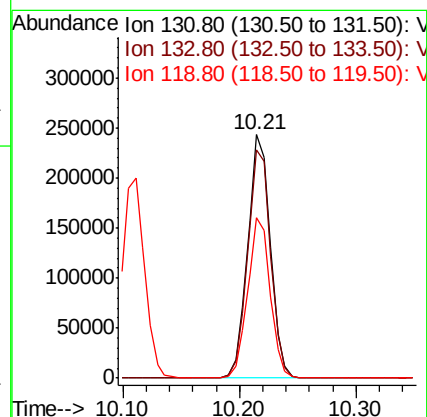
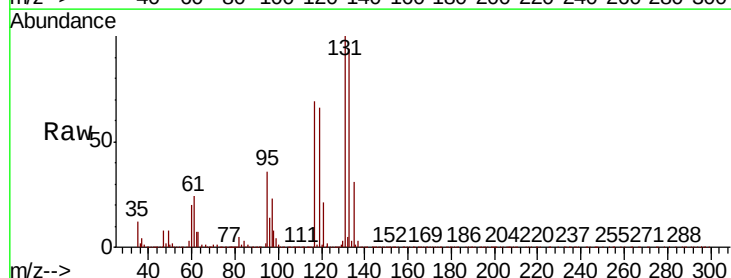
Tgt Ion:131 Resp: 330844

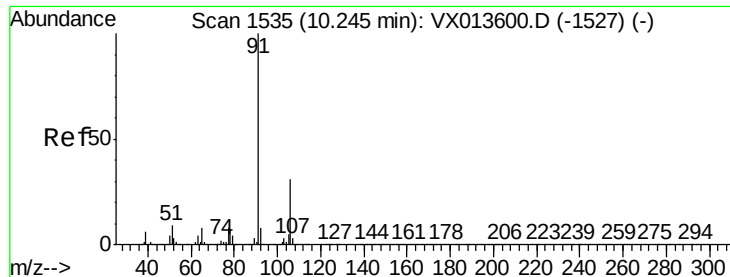
Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

119 65.4 32.9 98.6





#67

Ethyl Benzene

Concen: 51.399 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

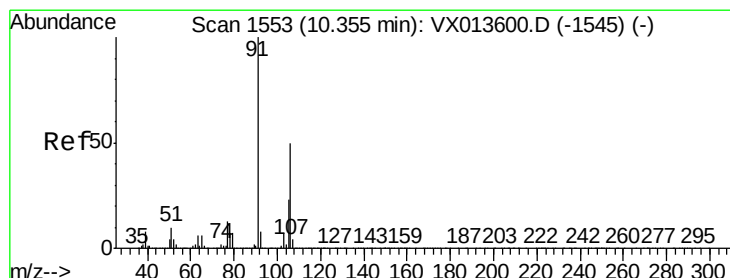
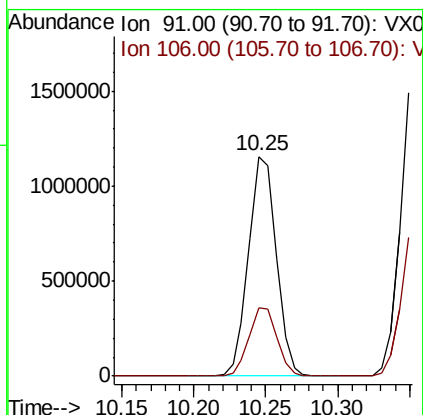
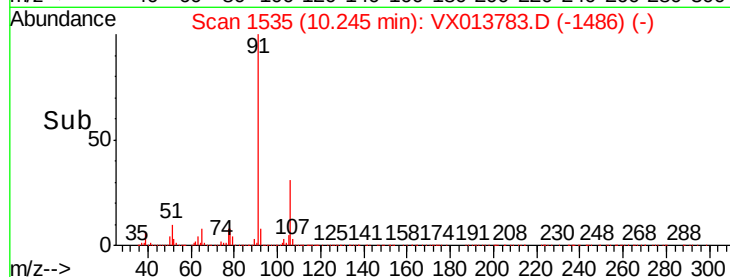
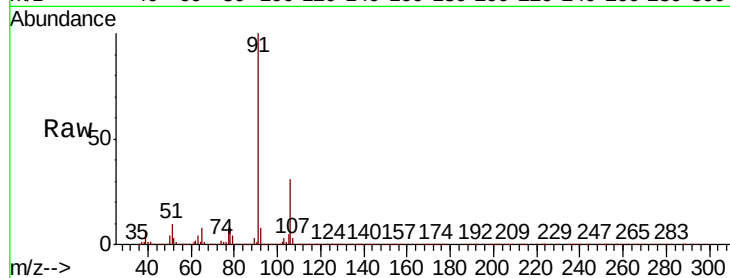
VSTDCCC050EC

Tot Ion: 91 Resp: 1542612

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 101.862 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013783.D

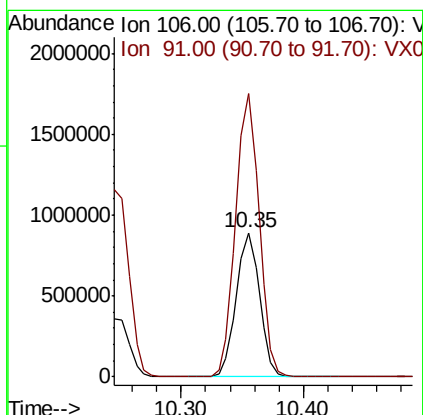
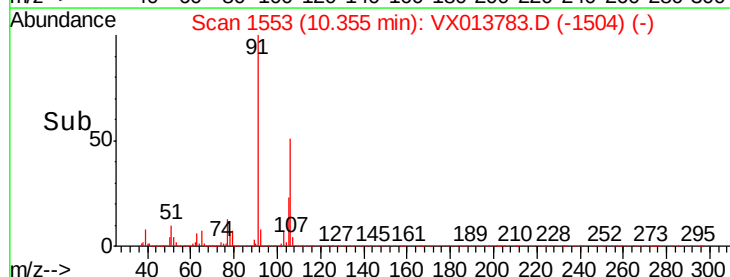
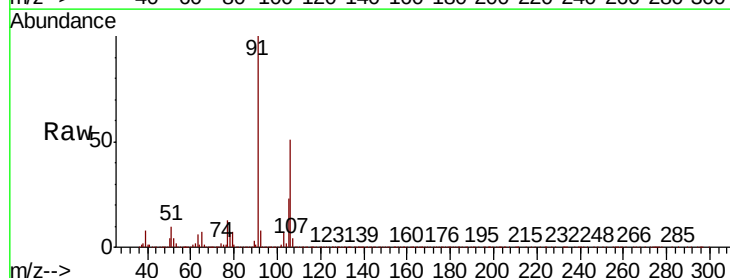
Acq: 05 Dec 2019 18:24

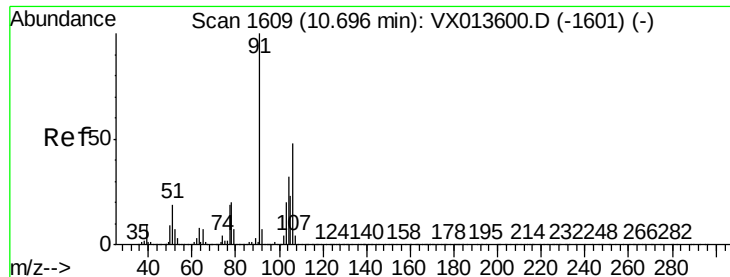
Tgt Ion: 106 Resp: 1170450

Ion Ratio Lower Upper

106 100

91 198.5 159.0 238.4

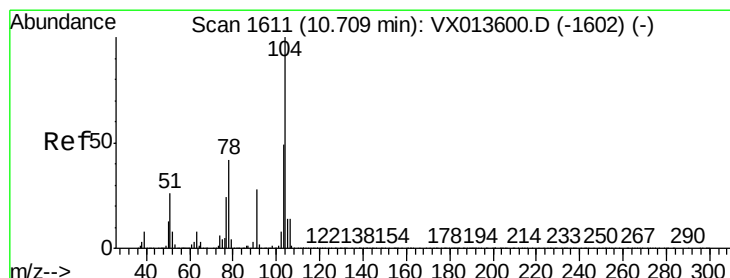
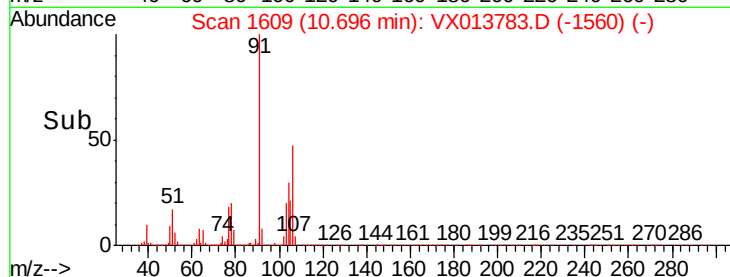
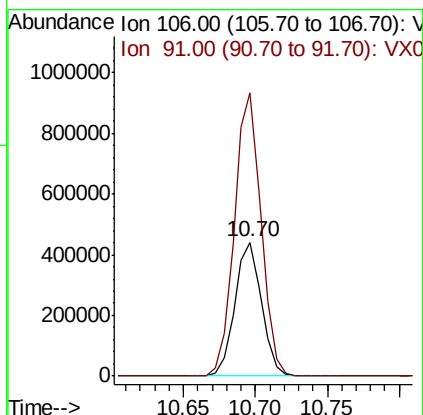
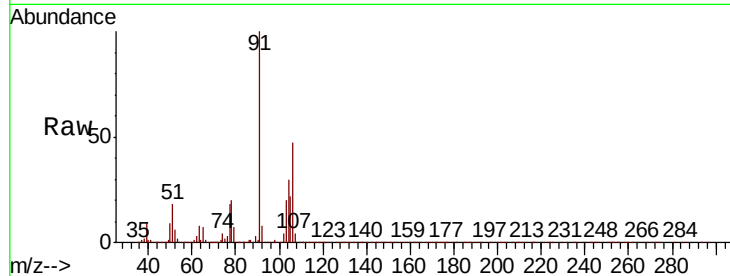




#69
o-Xylene
Concen: 50.953 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

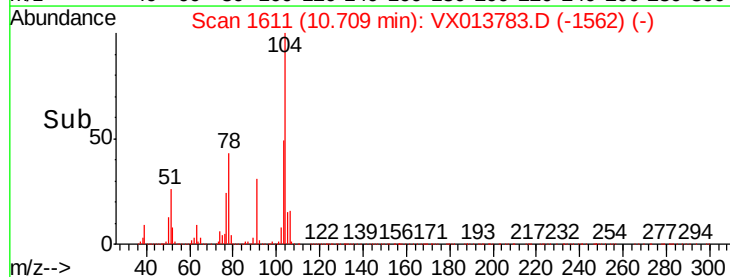
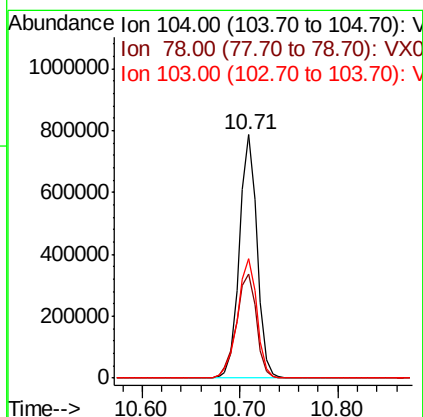
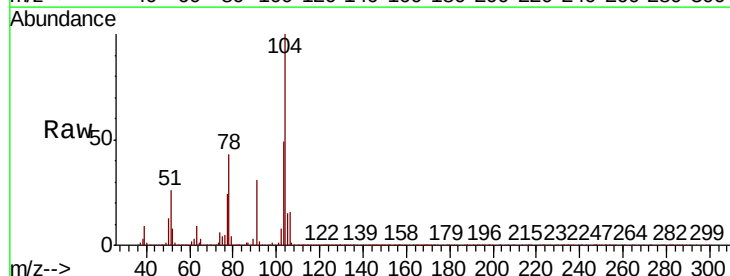
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

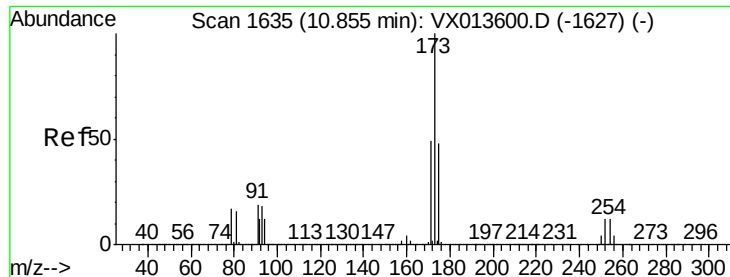
Tot Ion:106 Resp: 571011
Ion Ratio Lower Upper
106 100
91 210.4 104.1 312.2



#70
Styrene
Concen: 52.161 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion:104 Resp: 983308
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.1 43.7 65.5





#71

Bromoform

Concen: 55.433 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

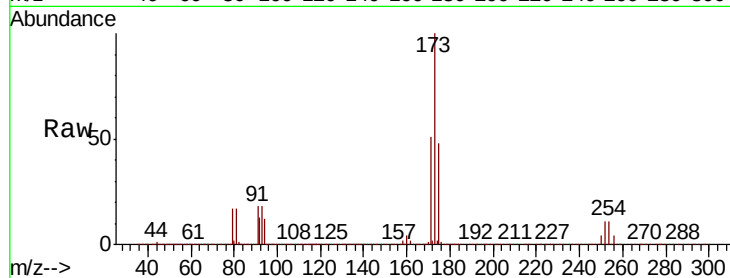
Tot Ion:173 Resp: 287662

Ion Ratio Lower Upper

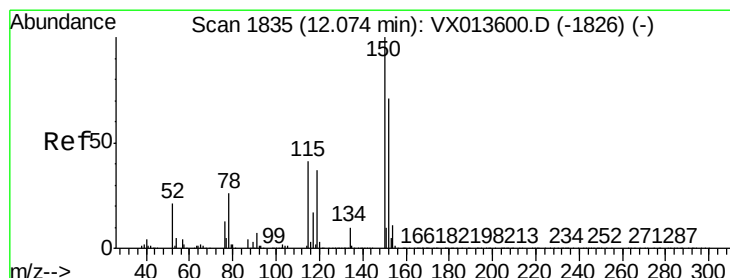
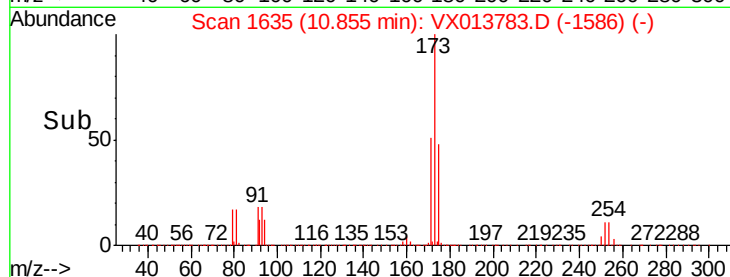
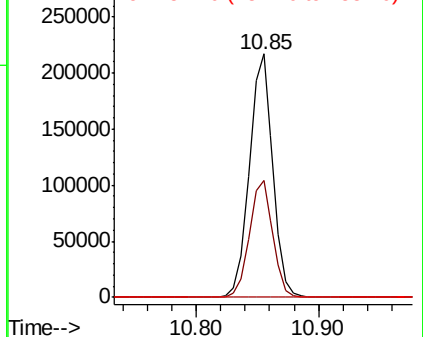
173 100

175 48.3 24.3 72.8

254 0.3 0.2 0.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

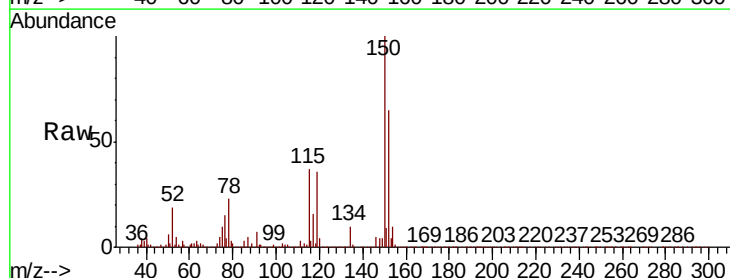
Tgt Ion:152 Resp: 429633

Ion Ratio Lower Upper

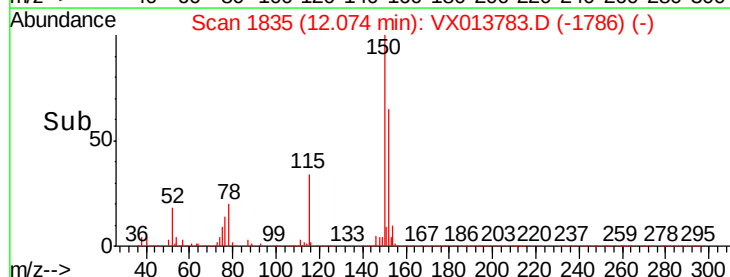
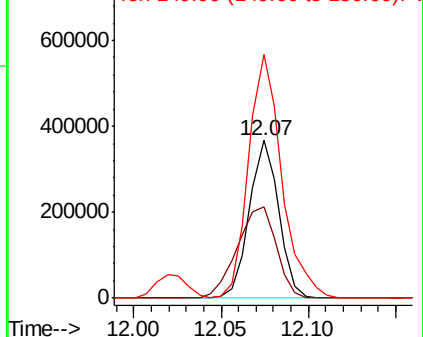
152 100

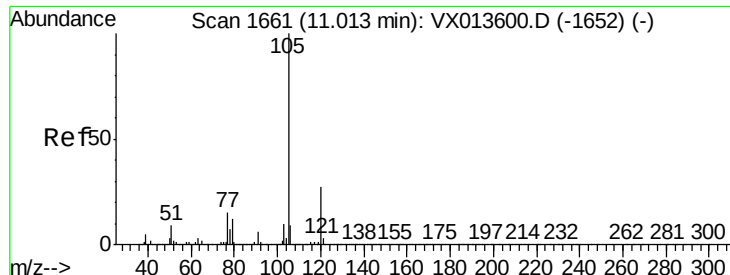
115 77.0 38.4 115.1

150 174.5 0.0 346.8



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

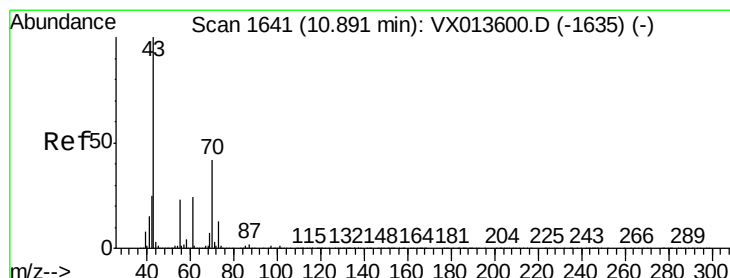
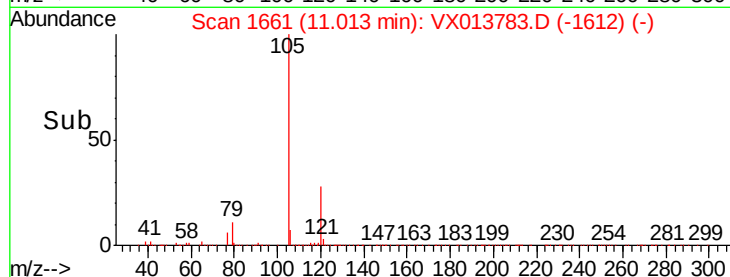
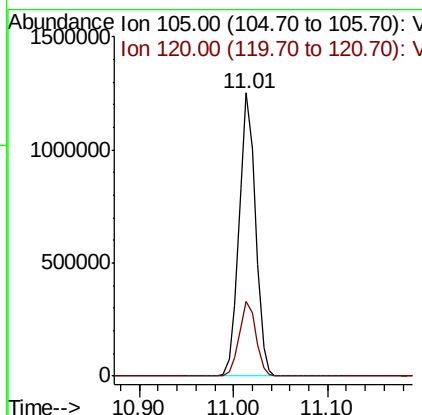
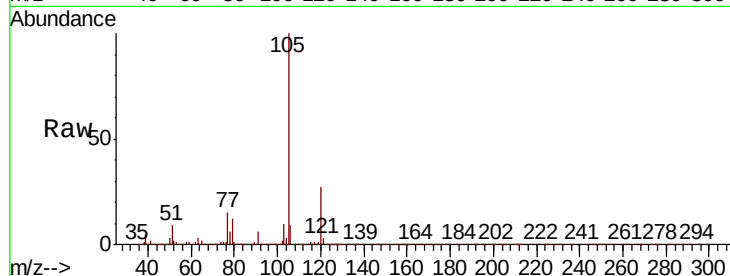




#73
Isopropylbenzene
Concen: 50.146 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

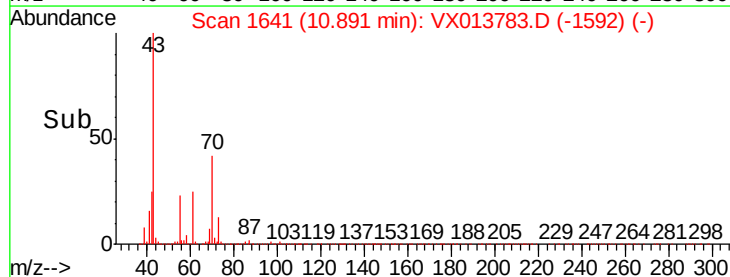
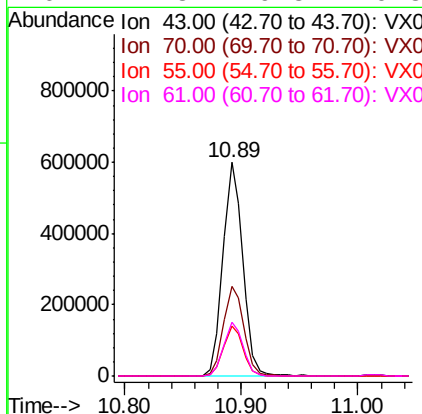
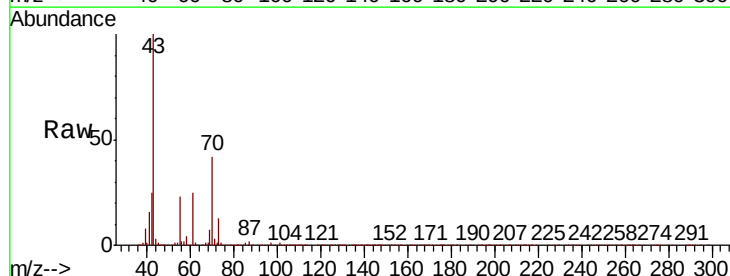
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

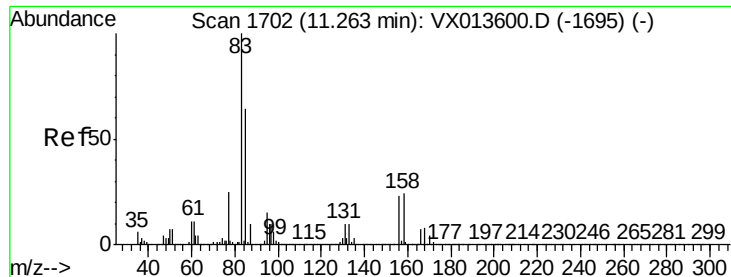
Tot Ion:105 Resp: 1511265
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 50.950 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 43 Resp: 703381
Ion Ratio Lower Upper
43 100
70 43.5 34.3 51.5
55 23.3 18.5 27.7
61 24.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.942 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

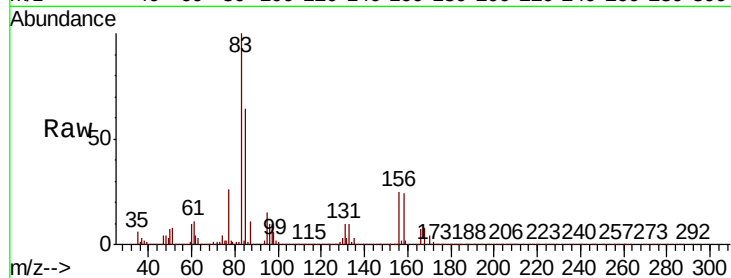
Tot Ion: 83 Resp: 532410

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

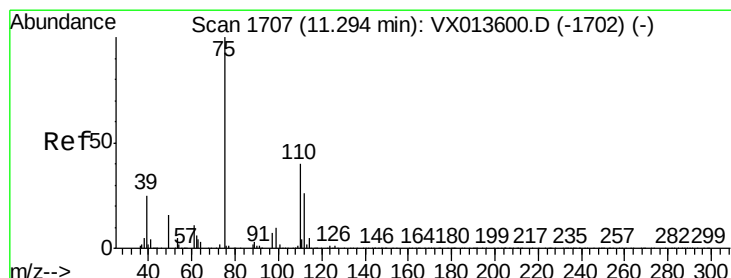
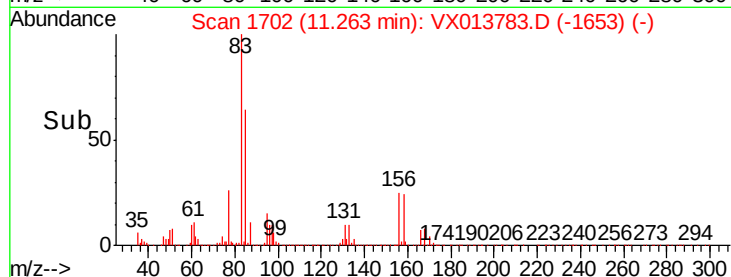
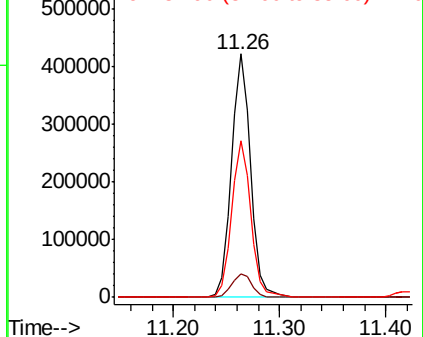
85 64.5 31.8 95.3



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: 61.278 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013783.D

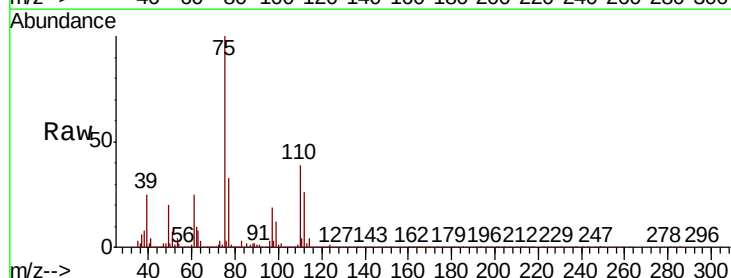
Acq: 05 Dec 2019 18:24

Tgt Ion: 75 Resp: 592139

Ion Ratio Lower Upper

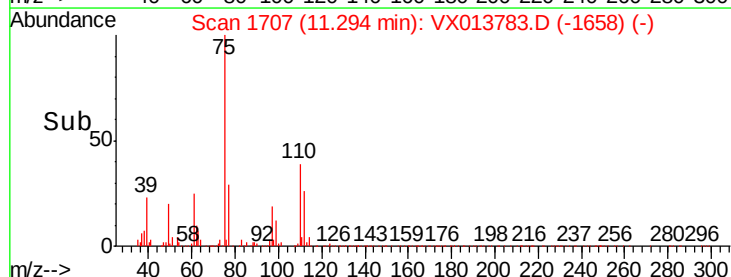
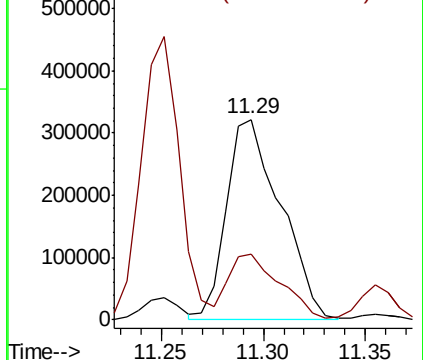
75 100

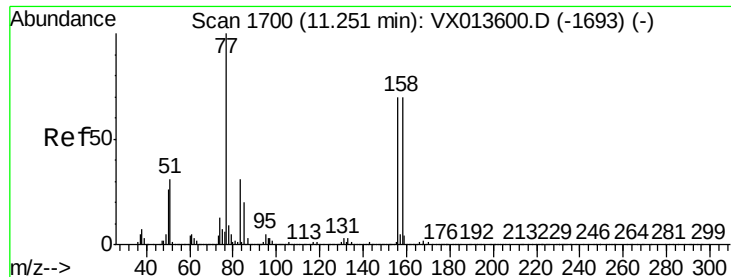
77 31.2 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.356 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

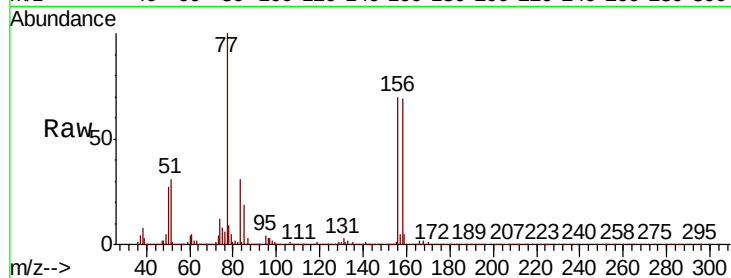
Tot Ion:156 Resp: 401838

Ion Ratio Lower Upper

156 100

77 147.7 74.4 223.1

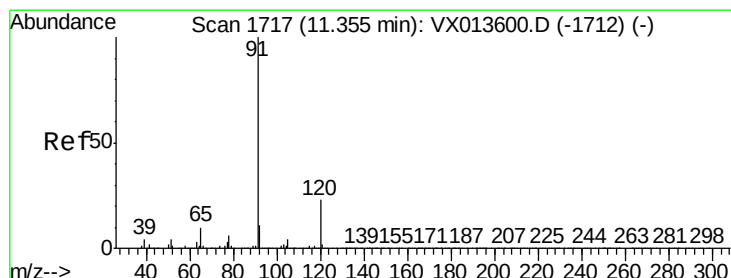
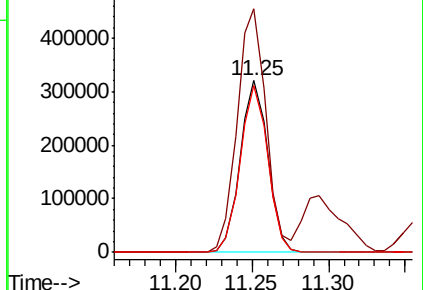
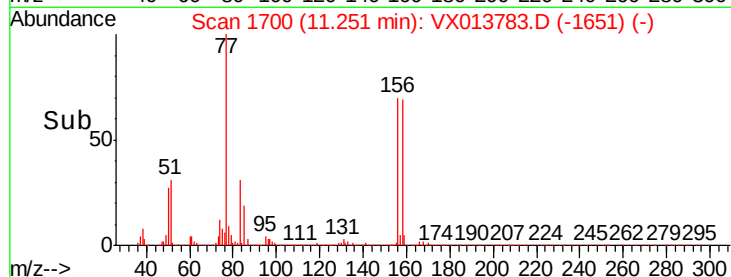
158 97.1 48.9 146.6



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: 50.746 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013783.D

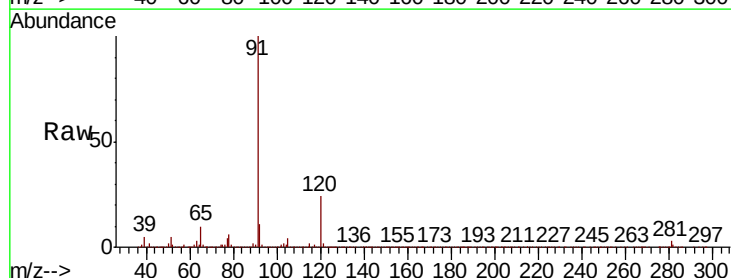
Acq: 05 Dec 2019 18:24

Tgt Ion: 91 Resp: 1707216

Ion Ratio Lower Upper

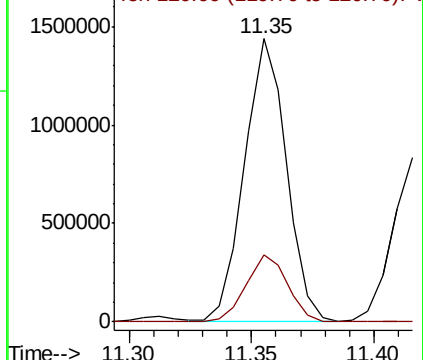
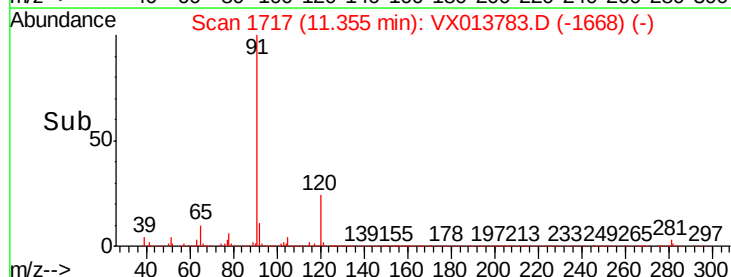
91 100

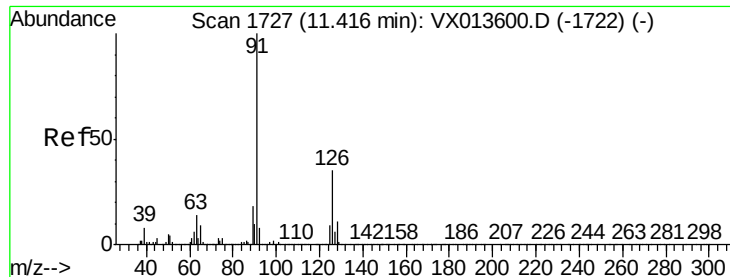
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.591 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

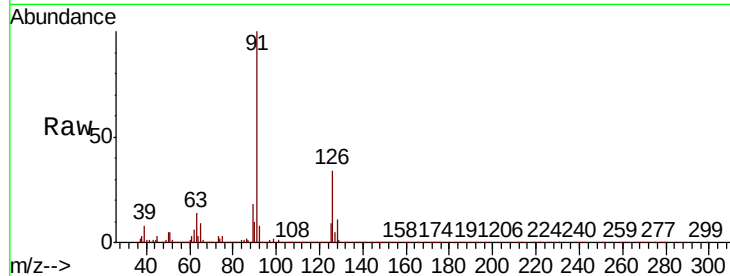
VSTDCCC050EC

Tot Ion: 91 Resp: 1020980

Ion Ratio Lower Upper

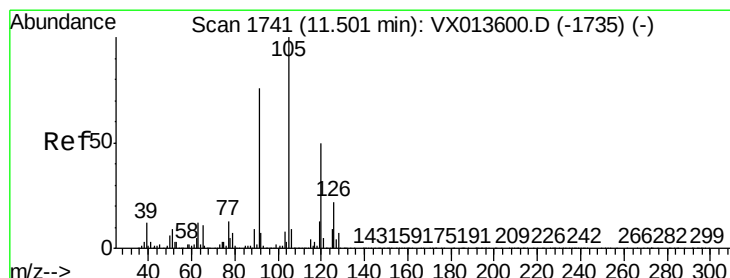
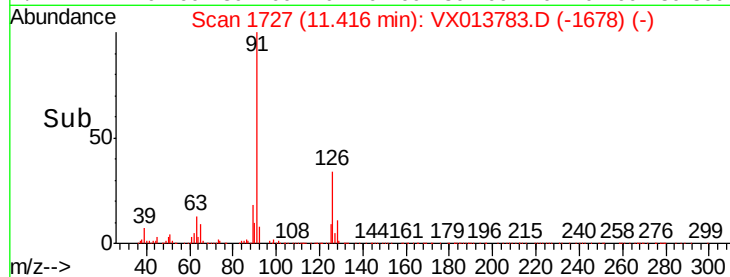
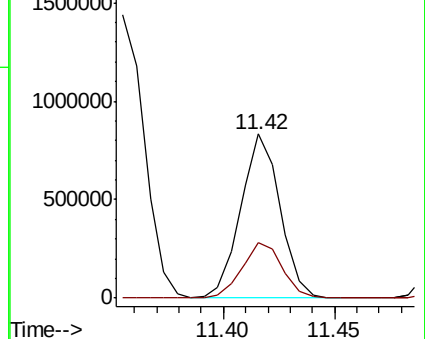
91 100

126 34.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.528 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013783.D

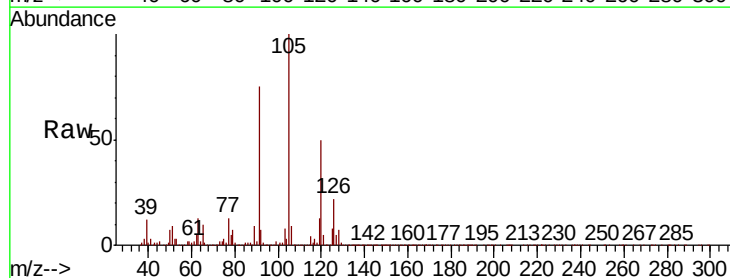
Acq: 05 Dec 2019 18:24

Tgt Ion: 105 Resp: 1272735

Ion Ratio Lower Upper

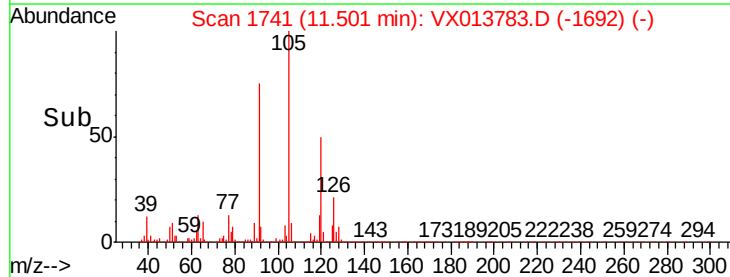
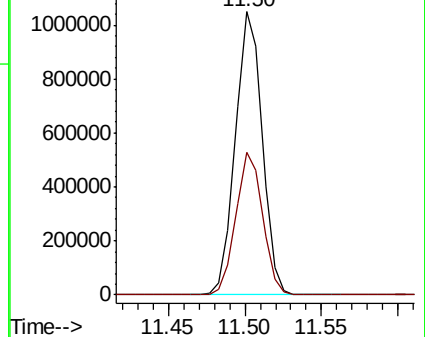
105 100

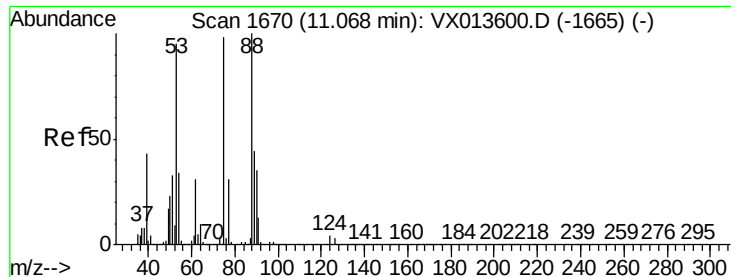
120 50.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

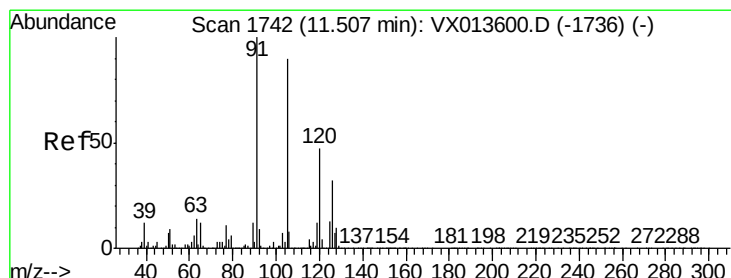
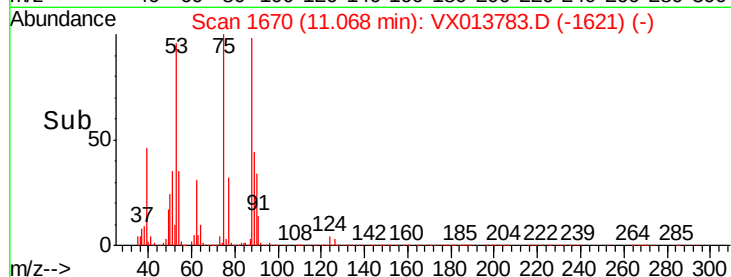
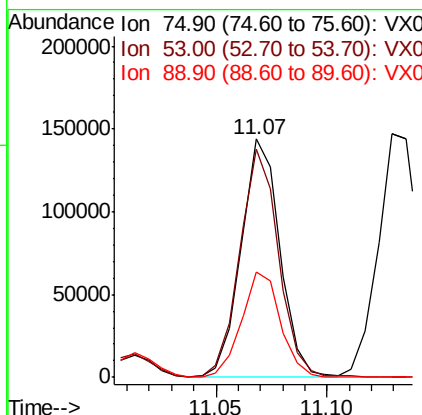
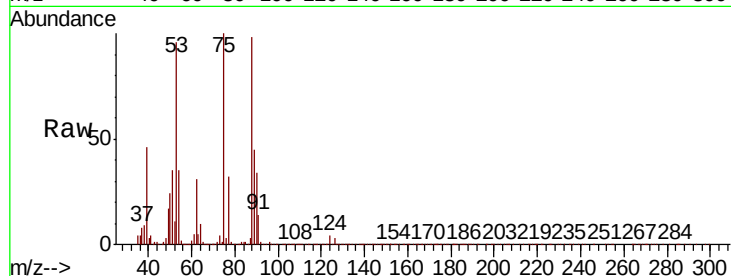




#81
trans-1,4-Dichloro-2-butene
Concen: 49.264 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

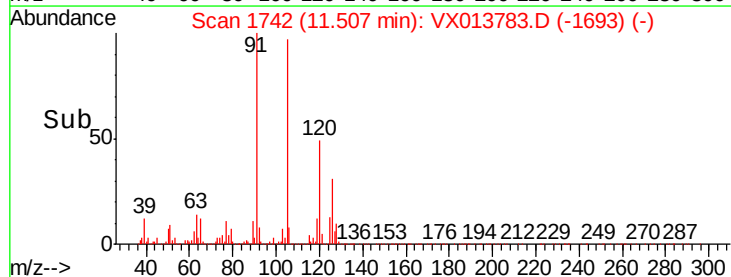
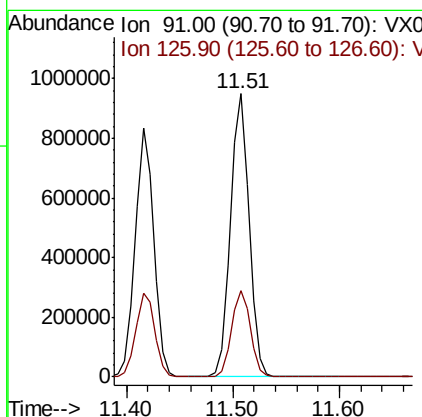
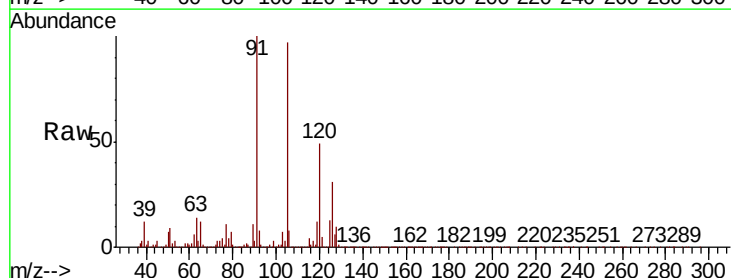
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

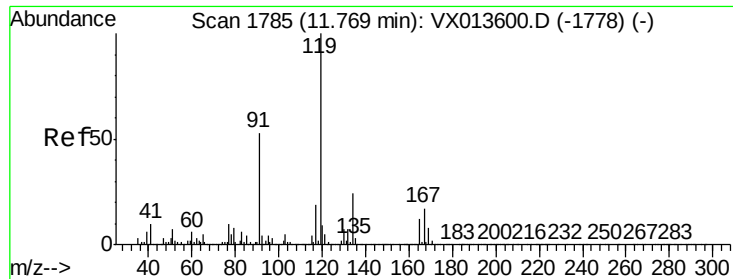
Tot Ion: 75 Resp: 174004
Ion Ratio Lower Upper
75 100
53 95.7 78.2 117.2
89 45.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 50.144 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 91 Resp: 1172071
Ion Ratio Lower Upper
91 100
126 30.7 15.7 47.0

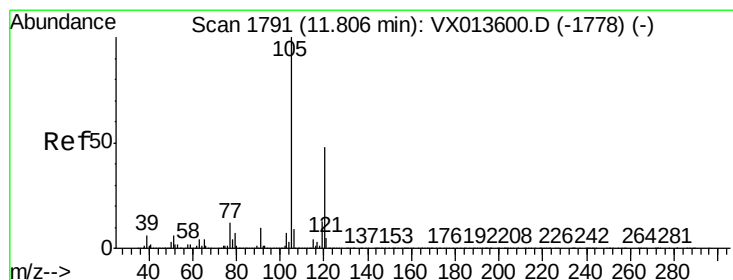
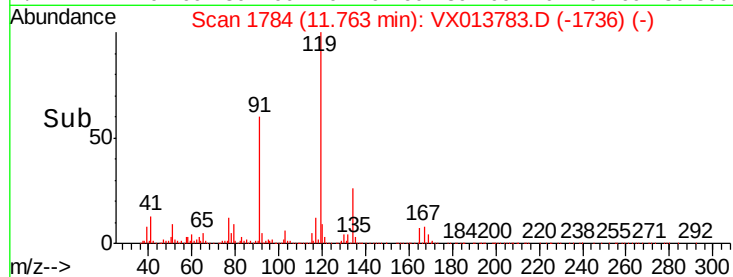
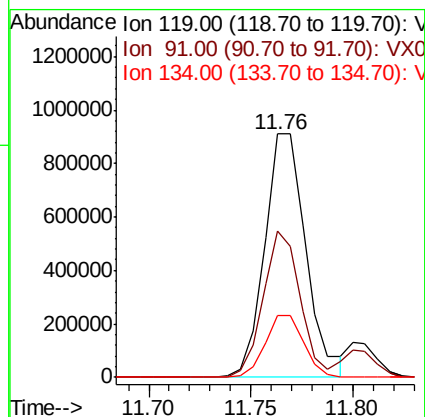
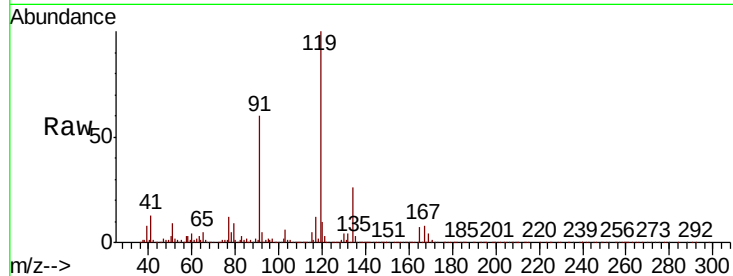




#83
 tert-Butylbenzene
 Concen: 51.193 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

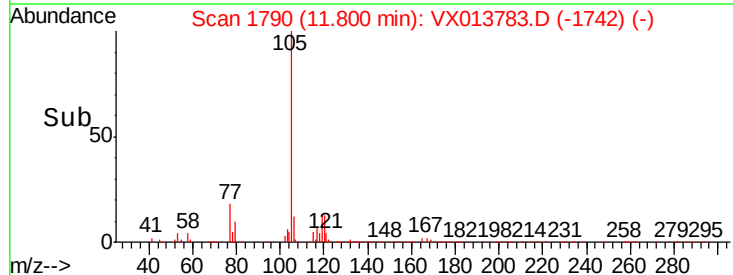
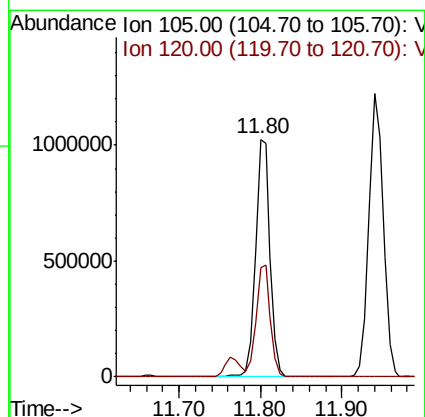
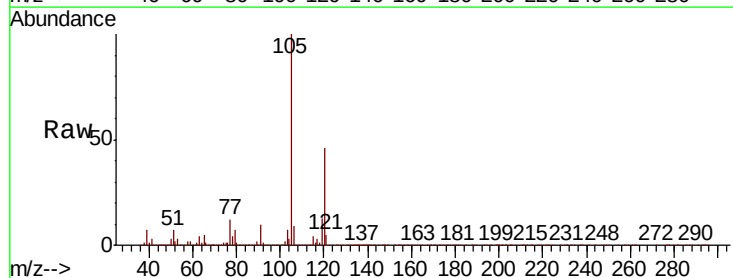
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

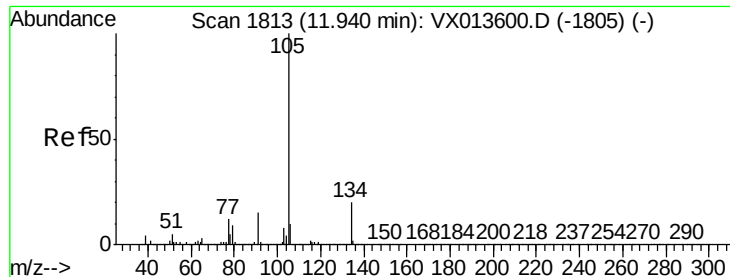
Tot Ion:119 Resp: 1285063
 Ion Ratio Lower Upper
 119 100
 91 53.5 27.2 81.6
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.988 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion:105 Resp: 1278163
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.189 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

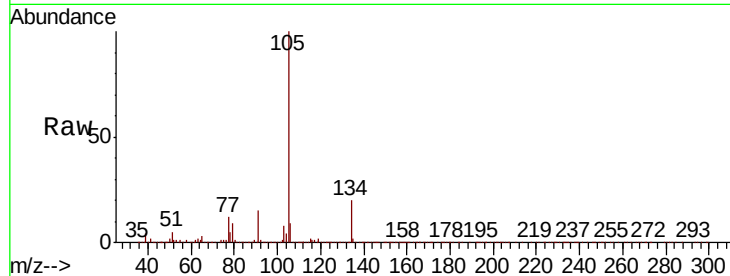
VSTDCCC050EC

Tot Ion:105 Resp: 1467708

Ion Ratio Lower Upper

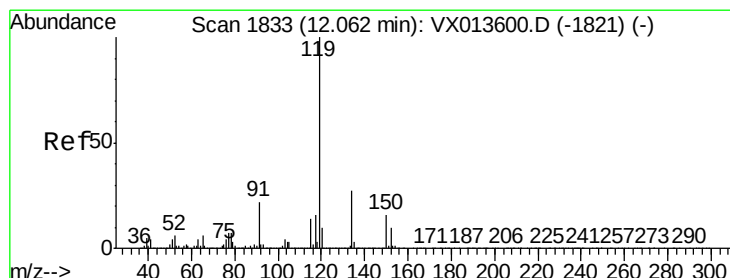
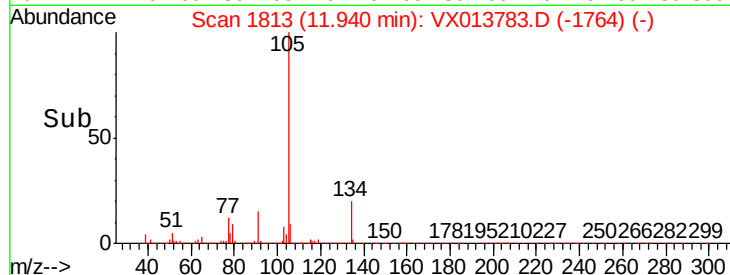
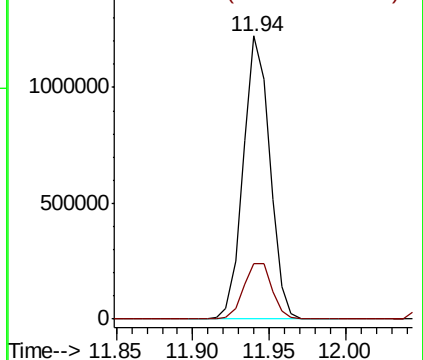
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.430 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

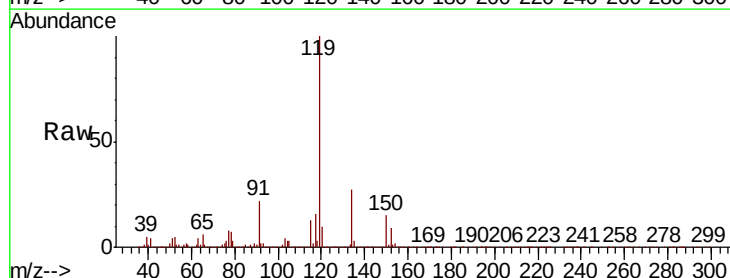
Tgt Ion:119 Resp: 1371850

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

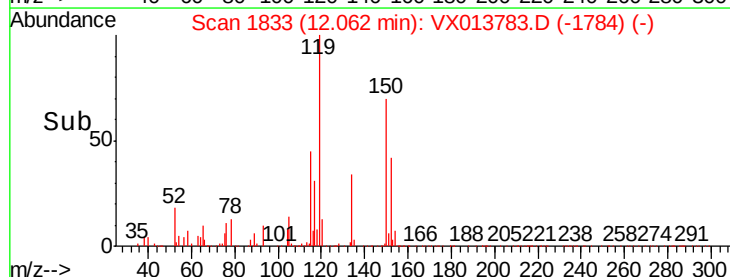
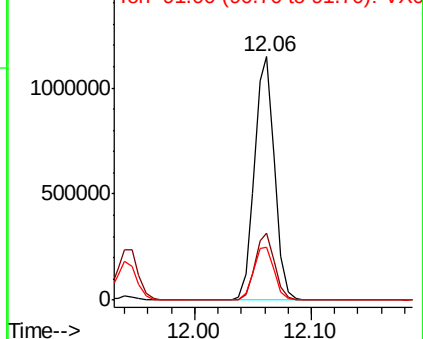
91 22.4 11.3 33.8

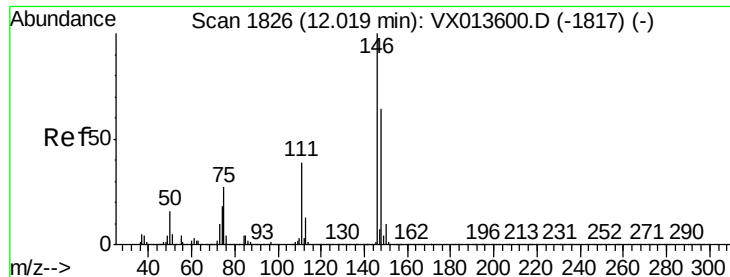


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

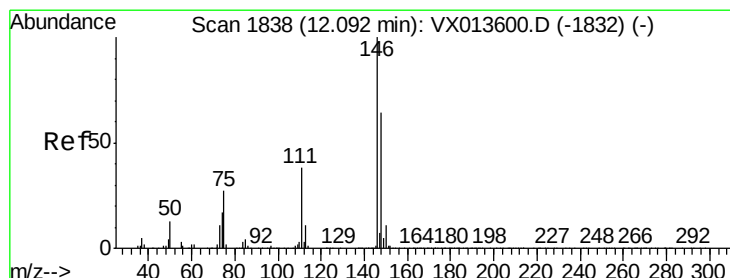
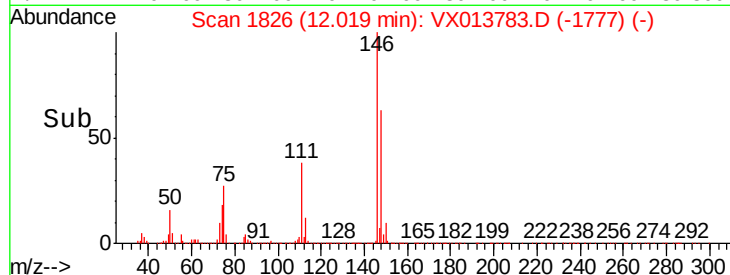
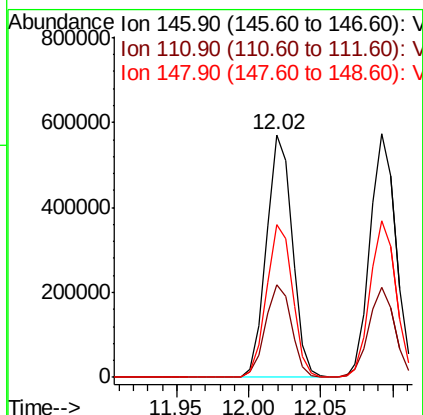
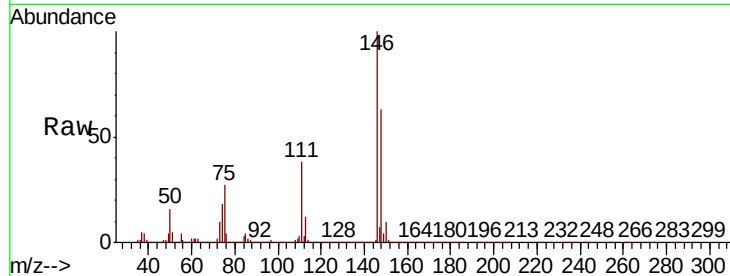




#87
 1,3-Dichlorobenzene
 Concen: 50.038 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

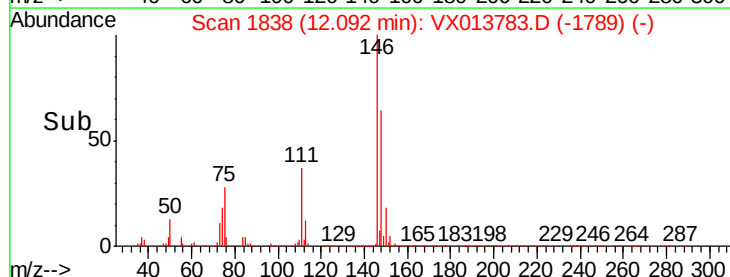
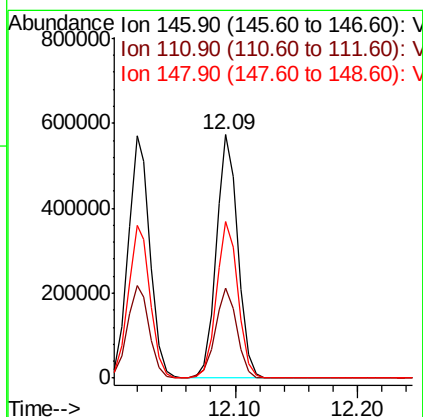
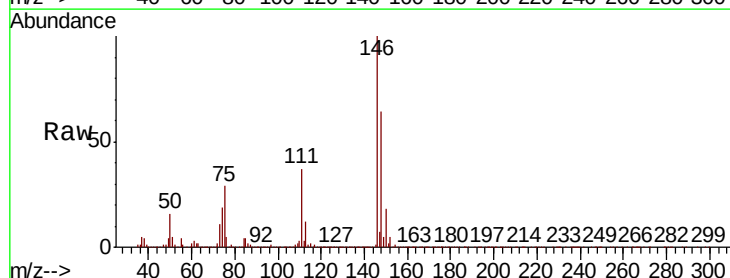
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

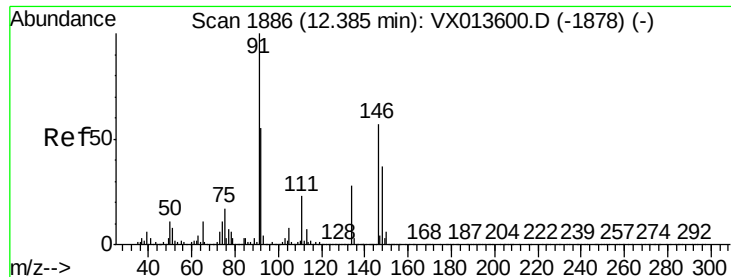
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.5	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.579 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	64.3	31.9	95.5

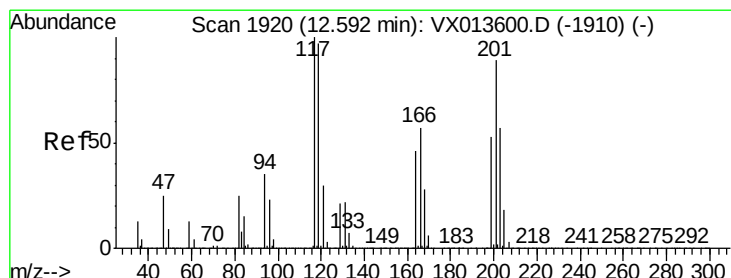
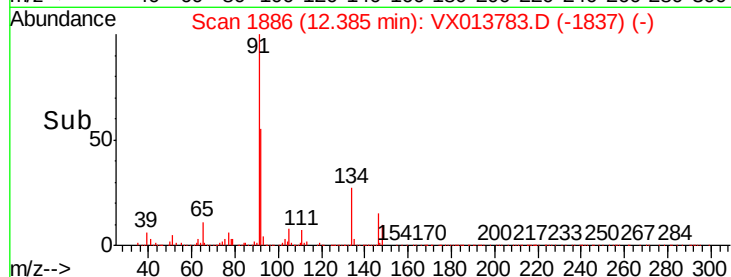
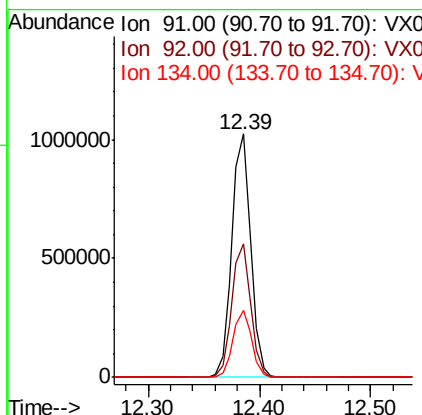
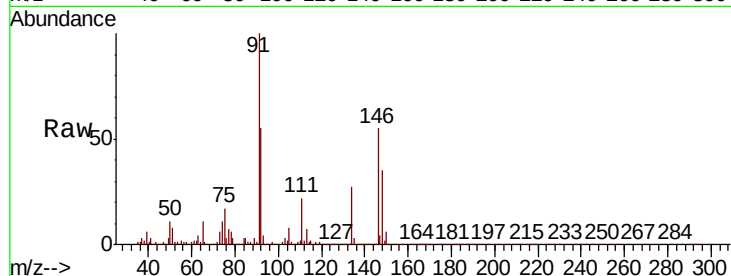




#89
n-Butylbenzene
Concen: 52.693 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

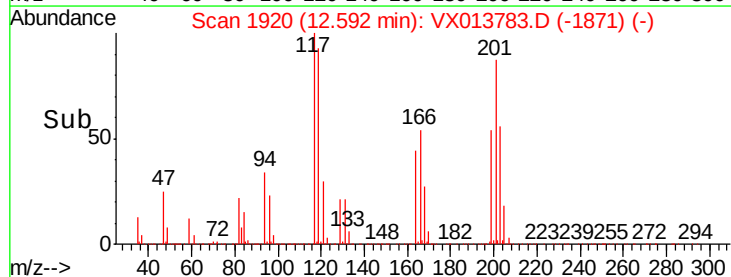
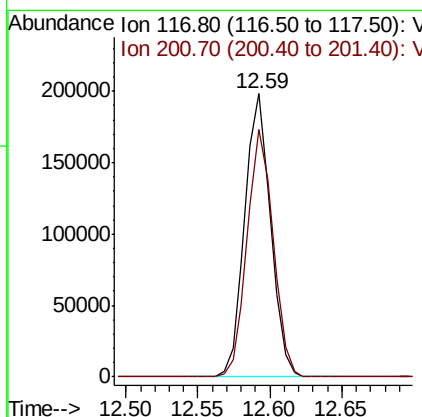
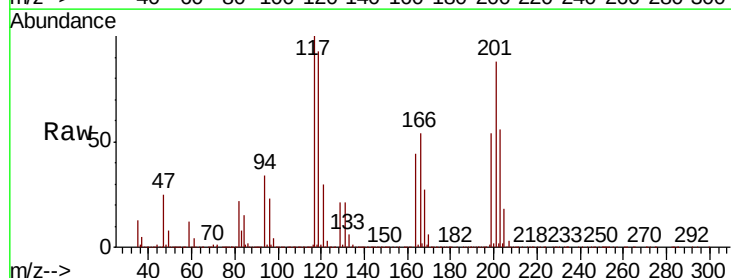
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

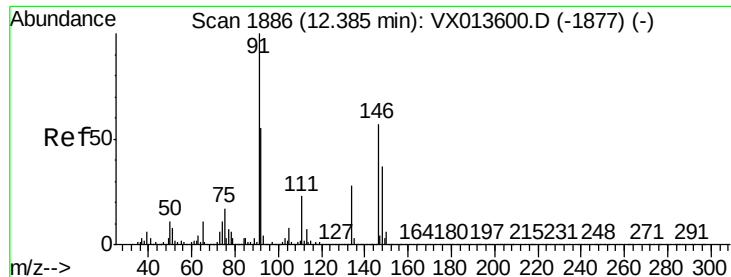
Tot Ion: 91 Resp: 1198773
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.2
134 27.1 13.5 40.4



#90
Hexachloroethane
Concen: 50.956 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 117 Resp: 245680
Ion Ratio Lower Upper
117 100
201 88.4 44.1 132.4

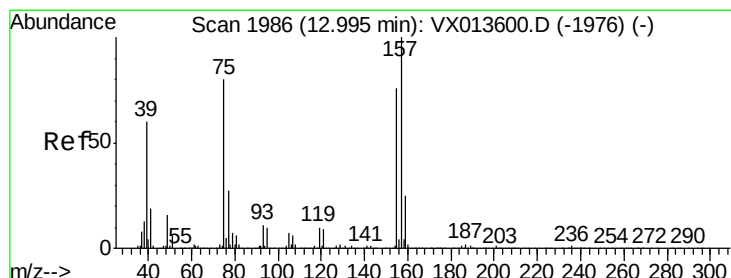
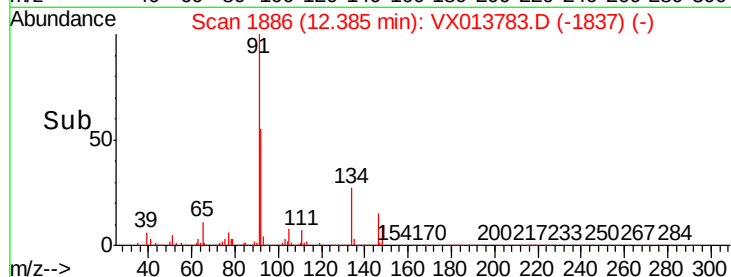
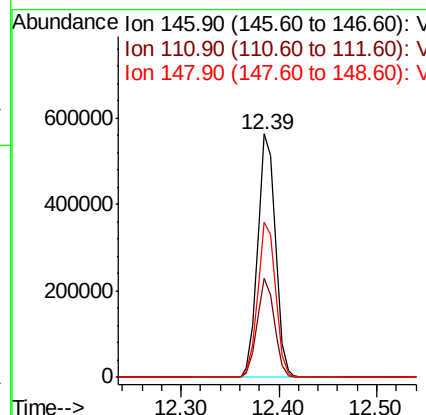
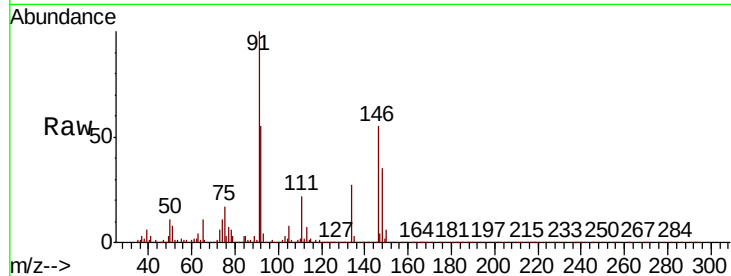




#91
 1,2-Dichlorobenzene
 Concen: 50.637 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

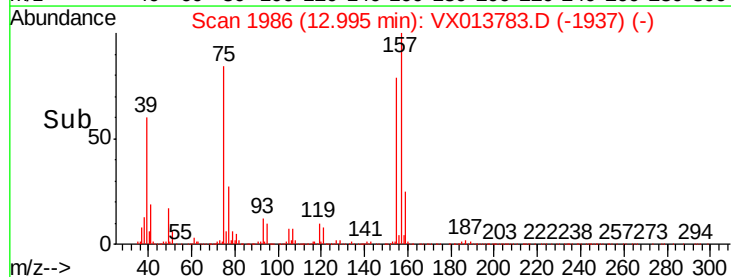
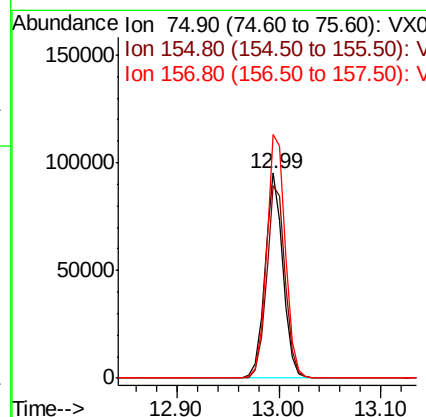
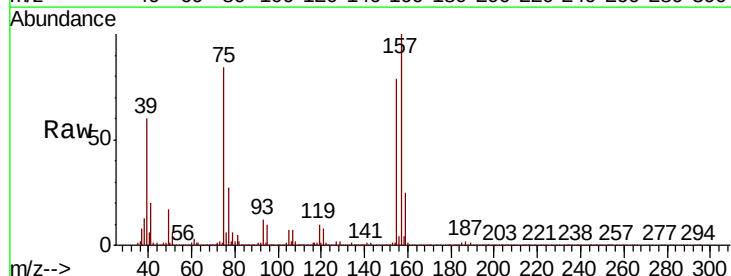
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

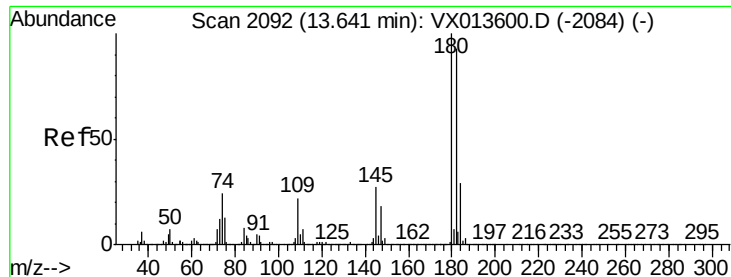
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	63.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.923 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	47.6	142.8
157	122.4	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 51.926 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

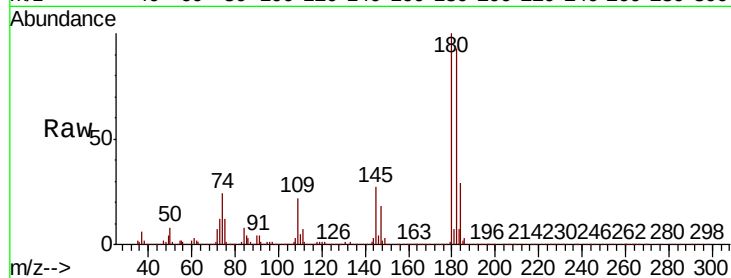
Tot Ion:180 Resp: 507451

Ion Ratio Lower Upper

180 100

182 94.2 47.2 141.6

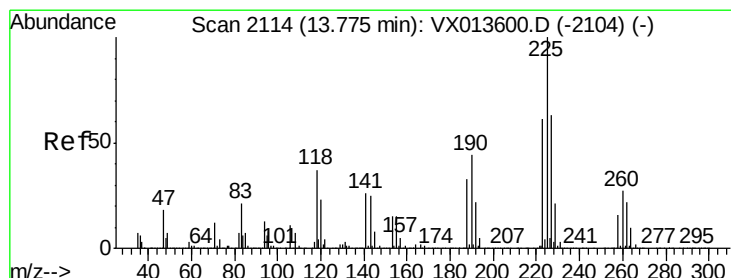
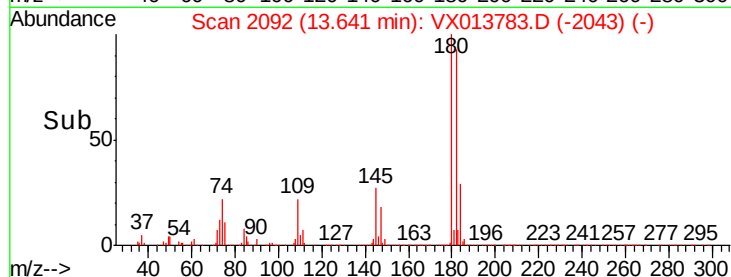
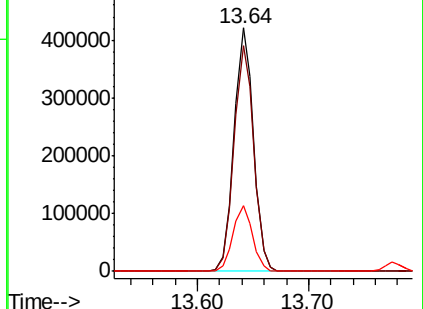
145 27.3 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.047 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

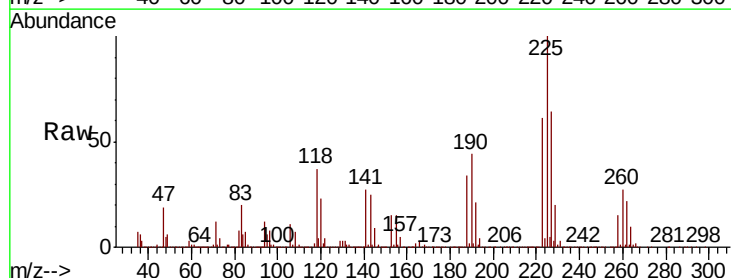
Tgt Ion:225 Resp: 225559

Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.5

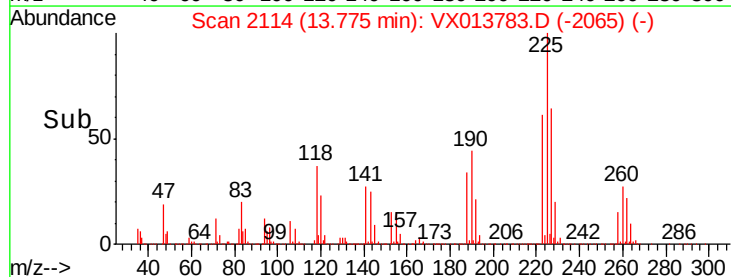
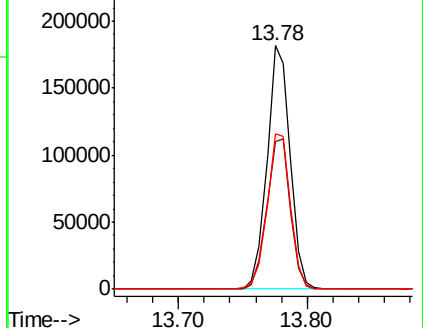
227 64.4 32.1 96.3

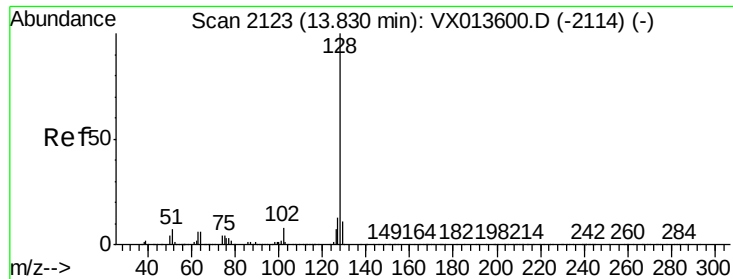


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.320 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

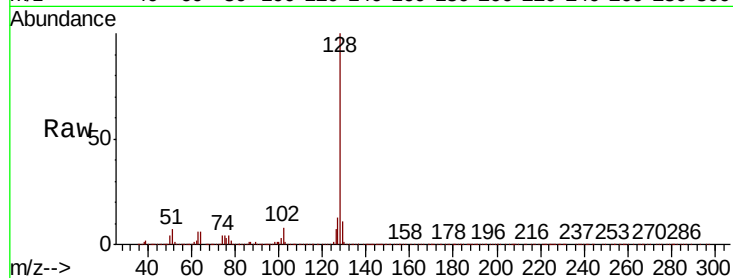
Tot Ion:128 Resp: 1580890

Ion Ratio Lower Upper

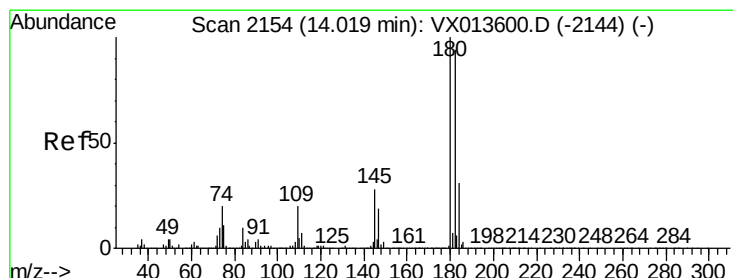
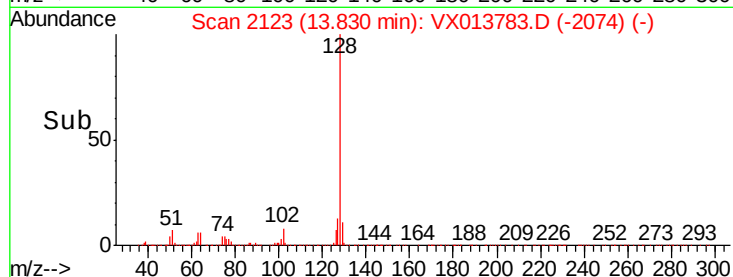
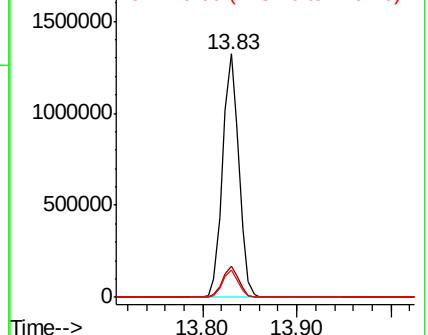
128 100

127 12.9 10.3 15.5

129 11.0 8.7 13.1



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: 51.919 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

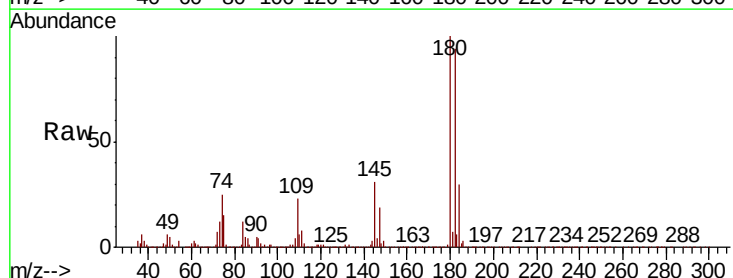
Tgt Ion:180 Resp: 502373

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.8

145 30.3 15.0 45.0



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

