

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX110619\
 Data File : VX013341.D
 Acq On : 06 Nov 2019 15:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 02:15:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	735296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1089746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	983444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	503766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	404485	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.48	113	332836	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.71	98	1262081	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	455575	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	420304	49.610	ug/l	99
3) Chloromethane	1.31	50	449260	48.899	ug/l	100
4) Vinyl Chloride	1.40	62	518444	49.567	ug/l	98
5) Bromomethane	1.62	94	325268	44.625	ug/l	99
6) Chloroethane	1.71	64	274644	45.835	ug/l	99
7) Trichlorofluoromethane	1.92	101	563133	45.570	ug/l	98
8) Diethyl Ether	2.17	74	250644	45.867	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	359636	52.215	ug/l	98
10) Methyl Iodide	2.50	142	421679	49.450	ug/l	98
11) Tert butyl alcohol	3.03	59	444796	193.728	ug/l	99
12) 1,1-Dichloroethene	2.36	96	359093	53.240	ug/l	96
13) Acrolein	2.28	56	295324	237.330	ug/l	98
14) Allyl chloride	2.72	41	610615	49.826	ug/l	98
15) Acrylonitrile	3.12	53	1018411	237.458	ug/l	99
16) Acetone	2.42	43	1062691	244.579	ug/l	100
17) Carbon Disulfide	2.56	76	892826	49.457	ug/l	98
18) Methyl Acetate	2.75	43	572371	47.715	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1146589	50.969	ug/l	98
20) Methylene Chloride	2.84	84	381833	47.563	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	363310	49.472	ug/l	97
22) Diisopropyl ether	3.84	45	1212718	51.257	ug/l	99
23) Vinyl Acetate	3.80	43	5040283	248.959	ug/l	99
24) 1,1-Dichloroethane	3.68	63	660046	49.870	ug/l	99
25) 2-Butanone	4.65	43	1512507	237.288	ug/l	99
26) 2,2-Dichloropropane	4.56	77	543983	51.665	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	418172	50.832	ug/l	99
28) Bromochloromethane	5.00	49	187173	49.807	ug/l	98
29) Tetrahydrofuran	5.11	42	914410	232.793	ug/l	99
30) Chloroform	5.19	83	653404	49.996	ug/l	100
31) Cyclohexane	5.56	56	596587	50.093	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	559391	49.736	ug/l	100
36) 1,1-Dichloropropene	5.78	75	494594	52.905	ug/l	100
37) Ethyl Acetate	4.81	43	553304	47.898	ug/l	99
38) Carbon Tetrachloride	5.77	117	484141	52.959	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	613411	52.659	ug/l	99
40) Benzene	6.12	78	1492393	51.248	ug/l	100
41) Methacrylonitrile	5.01	41	321083	49.590	ug/l	97
42) 1,2-Dichloroethane	6.17	62	529564	50.415	ug/l	100
43) Isopropyl Acetate	6.42	43	905211	50.322	ug/l	99
44) Trichloroethene	7.20	130	411864	51.381	ug/l	98
45) 1,2-Dichloropropane	7.50	63	385590	51.967	ug/l	99
46) Dibromomethane	7.65	93	249942	49.336	ug/l	96
47) Bromodichloromethane	7.89	83	511629	53.556	ug/l	97
48) Methyl methacrylate	7.76	41	454330	50.597	ug/l	98
49) 1,4-Dioxane	7.73	88	184129	895.410	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2838569	240.519	ug/l	99
52) Toluene	8.78	92	948204	52.535	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	576758	55.212	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	628913	53.821	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	384273	51.366	ug/l	98
56) Ethyl methacrylate	9.17	69	622465	48.777	ug/l	98
57) 1,3-Dichloropropane	9.36	76	646637	50.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1315453	257.166	ug/l	99
59) 2-Hexanone	9.48	43	2236522	245.227	ug/l	99
60) Dibromochloromethane	9.57	129	418527	54.702	ug/l	99
61) 1,2-Dibromoethane	9.67	107	407046	51.240	ug/l	100
64) Tetrachloroethene	9.33	164	367413	52.188	ug/l	97
65) Chlorobenzene	10.13	112	1034261	51.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	380493	52.047	ug/l	100
67) Ethyl Benzene	10.25	91	1816943	52.875	ug/l	99
68) m/p-Xylenes	10.36	106	1385418	106.605	ug/l	100
69) o-Xylene	10.69	106	673695	52.950	ug/l	100
70) Styrene	10.70	104	1176353	55.310	ug/l	98
71) Bromoform	10.85	173	324926	48.068	ug/l #	100
73) Isopropylbenzene	11.01	105	1807494	54.116	ug/l	100
74) N-amyl acetate	10.89	43	823065	53.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	608265	49.919	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	699646	68.377	ug/l	82
77) Bromobenzene	11.25	156	473543	53.182	ug/l	97
78) n-propylbenzene	11.35	91	2074423	55.755	ug/l	99
79) 2-Chlorotoluene	11.42	91	1200452	53.552	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1536599	55.232	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	210383	52.923	ug/l	96
82) 4-Chlorotoluene	11.51	91	1412625	53.833	ug/l	100
83) tert-Butylbenzene	11.76	119	1542402	55.075	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1524530	54.626	ug/l	99
85) sec-Butylbenzene	11.94	105	1775601	55.166	ug/l	100
86) p-Isopropyltoluene	12.06	119	1657940	55.939	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	846664	53.344	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	853200	52.761	ug/l	98
89) n-Butylbenzene	12.39	91	1484307	57.394	ug/l	100
90) Hexachloroethane	12.59	117	295403	55.940	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	839025	52.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	136299	45.913	ug/l	100

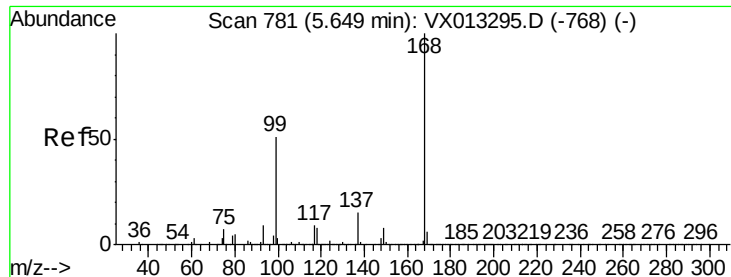
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	616014	55.663	ug/l	99
94) Hexachlorobutadiene	13.78	225	280958	51.892	ug/l	99
95) Naphthalene	13.83	128	1868083	53.801	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	613193	55.250	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

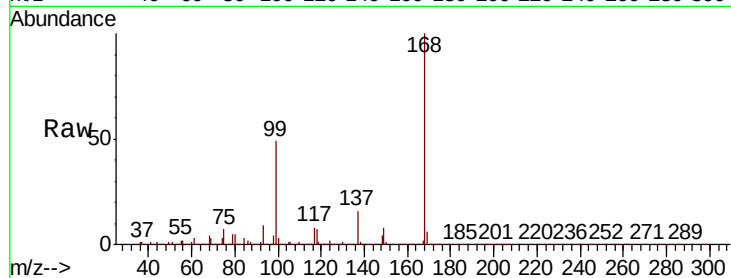
VSTDCCC050EC

Tot Ion:168 Resp: 735296

Ion Ratio Lower Upper

168 100

99 49.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

150000

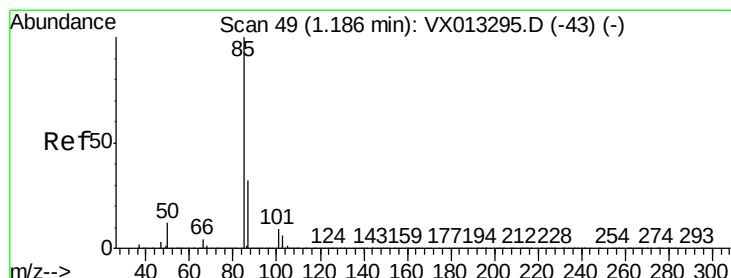
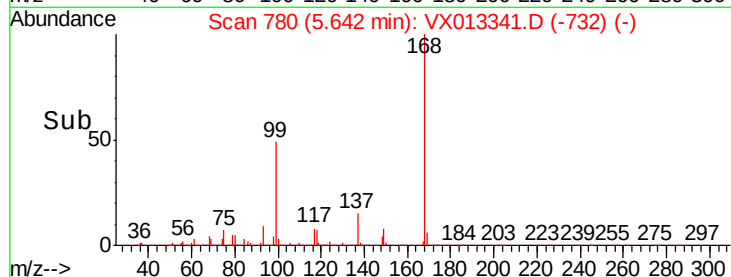
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.610 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013341.D

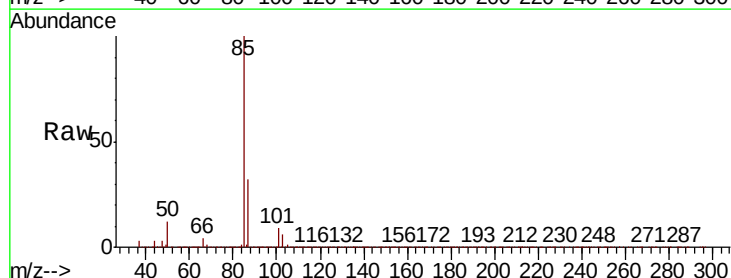
Acq: 06 Nov 2019 15:01

Tgt Ion: 85 Resp: 420304

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

300000

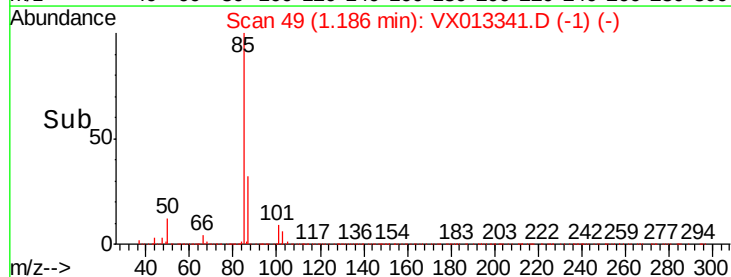
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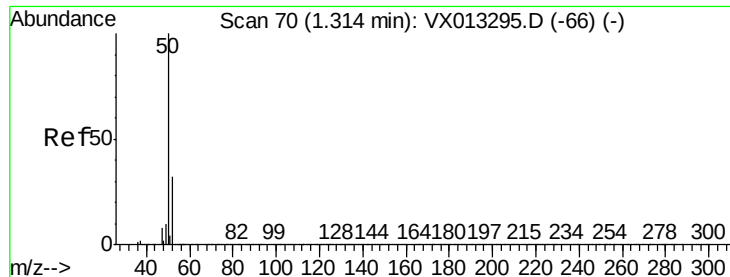
100000

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Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 48.899 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

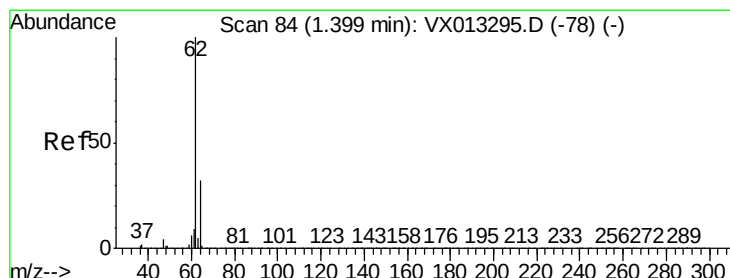
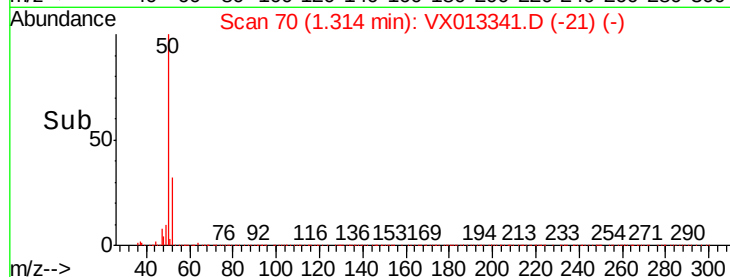
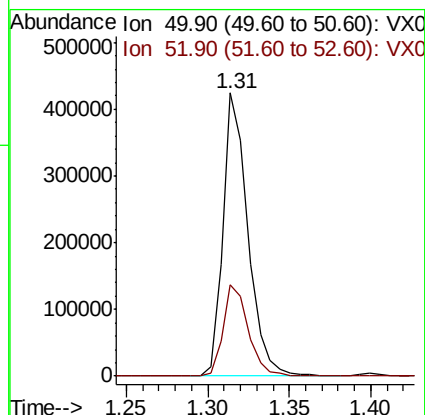
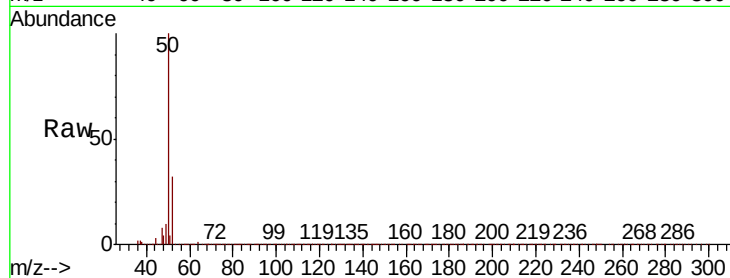
VSTDCCC050EC

Tot Ion: 50 Resp: 449260

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 49.567 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013341.D

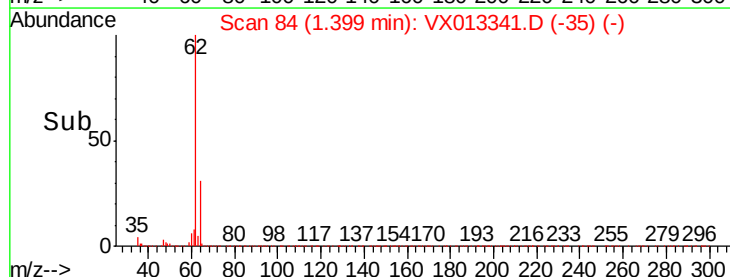
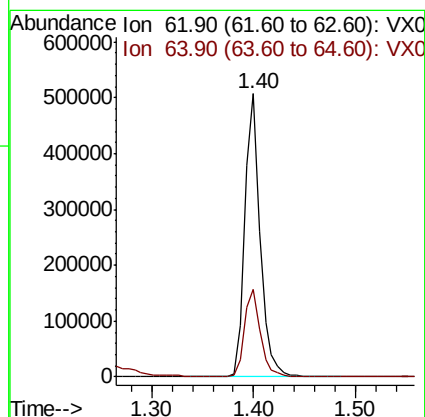
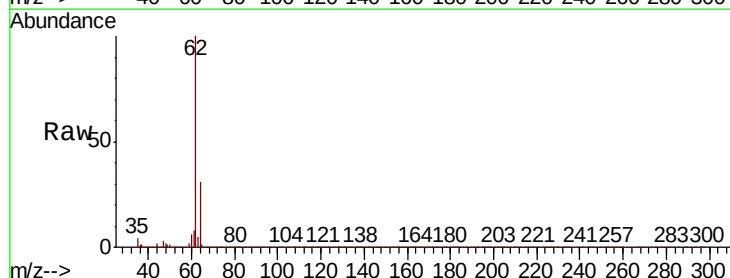
Acq: 06 Nov 2019 15:01

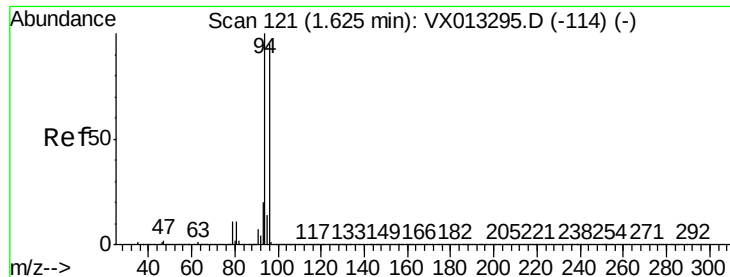
Tgt Ion: 62 Resp: 518444

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4





#5

Bromomethane

Concen: 44.625 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

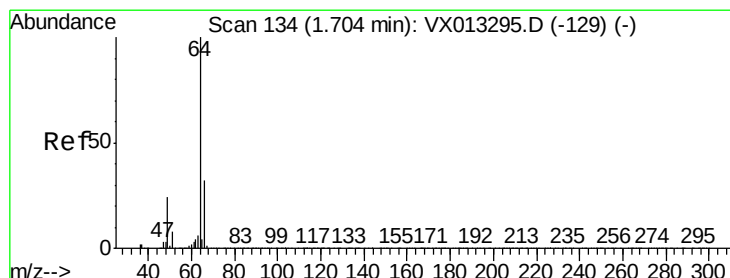
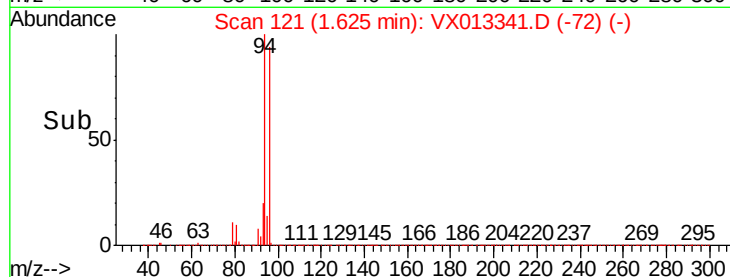
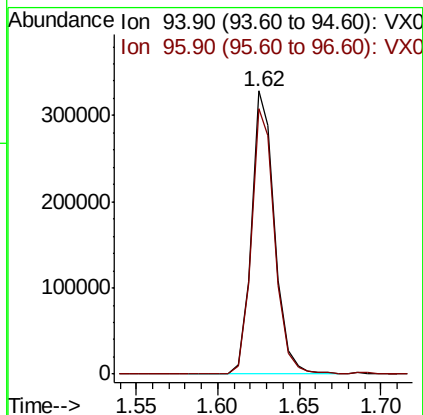
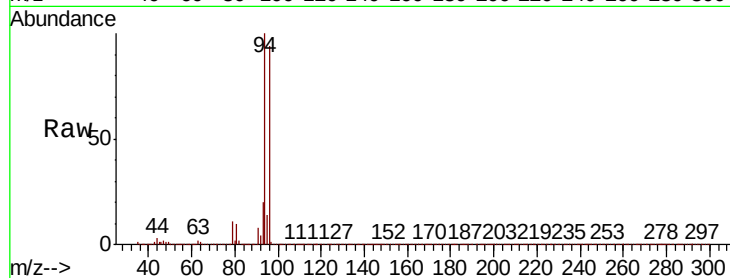
VSTDCCC050EC

Tot Ion: 94 Resp: 325268

Ion Ratio Lower Upper

94 100

96 93.7 75.8 113.8



#6

Chloroethane

Concen: 45.835 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013341.D

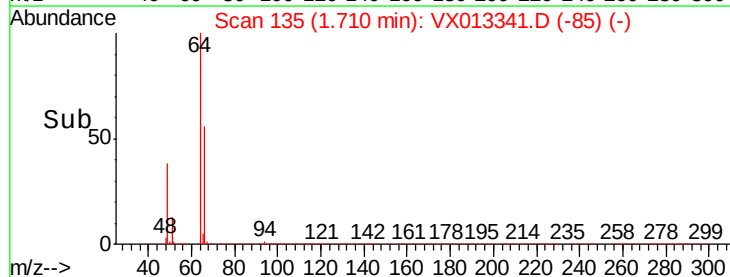
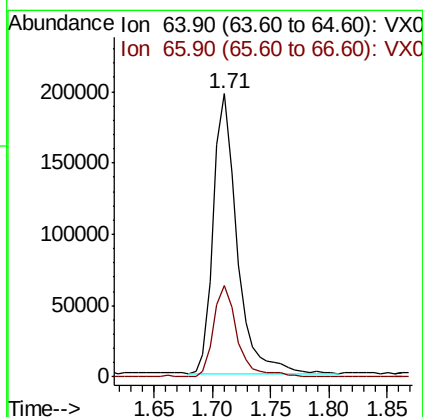
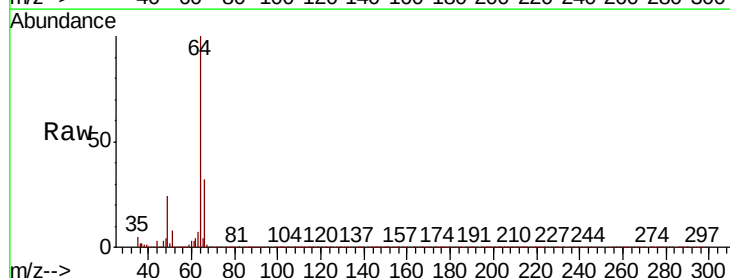
Acq: 06 Nov 2019 15:01

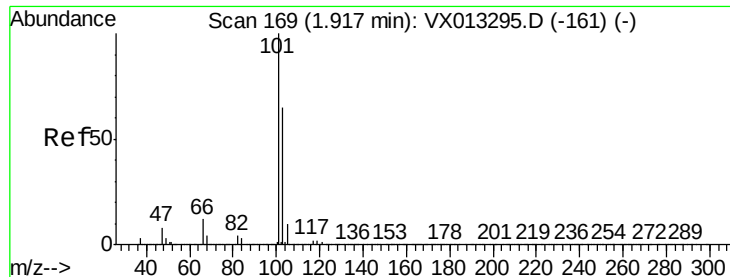
Tgt Ion: 64 Resp: 274644

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



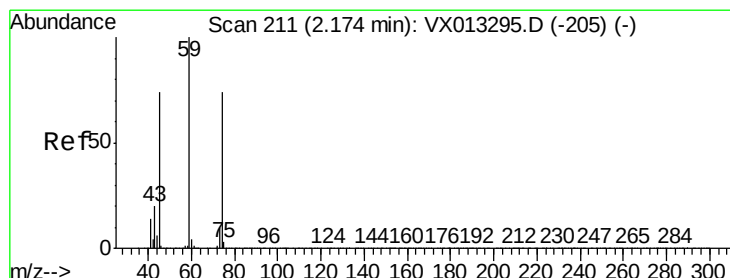
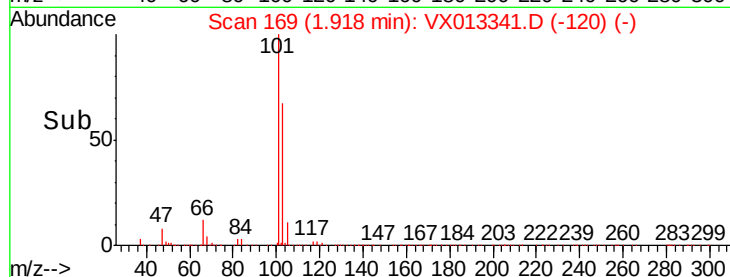
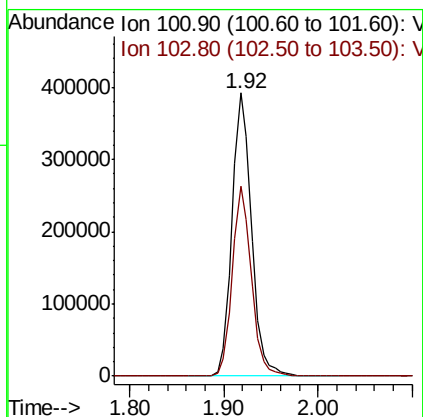
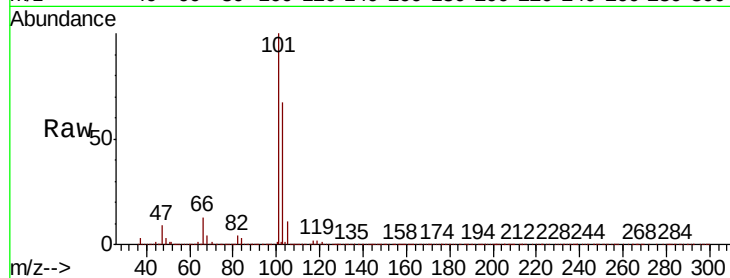


#7

Trichlorofluoromethane
Concen: 45.570 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013341.D
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

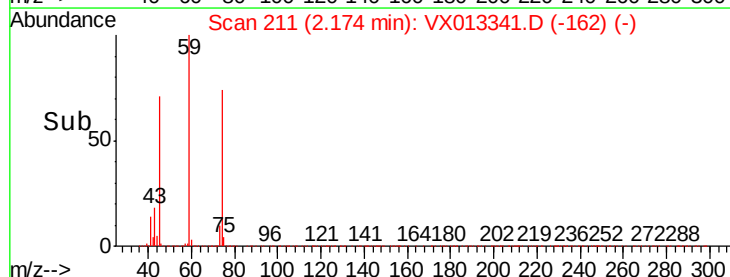
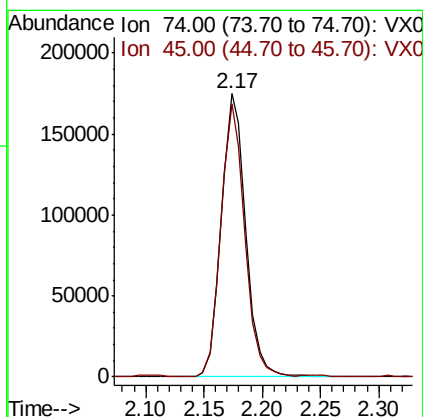
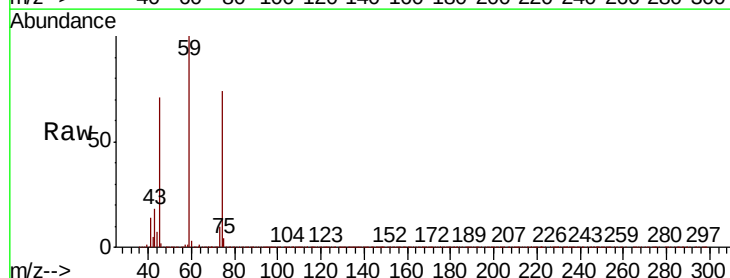
Tot Ion:101 Resp: 563133
Ion Ratio Lower Upper
101 100
103 67.0 52.3 78.5

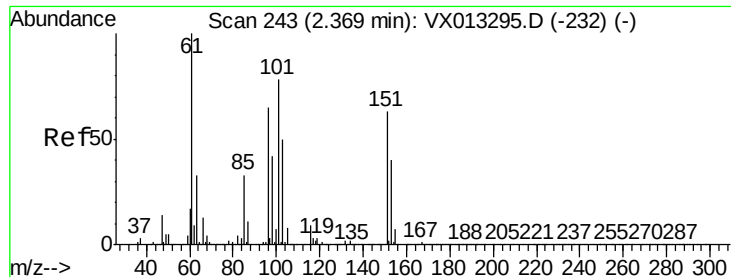


#8

Diethyl Ether
Concen: 45.867 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion: 74 Resp: 250644
Ion Ratio Lower Upper
74 100
45 94.4 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.215 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

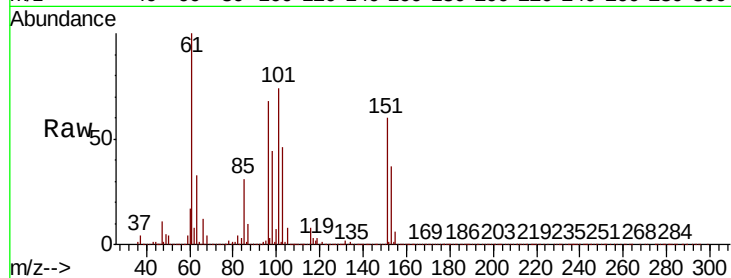
Tot Ion:101 Resp: 359636

Ion Ratio Lower Upper

101 100

85 41.3 34.4 51.6

151 81.6 66.4 99.6

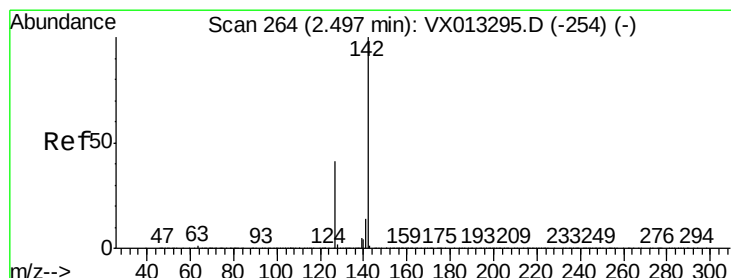
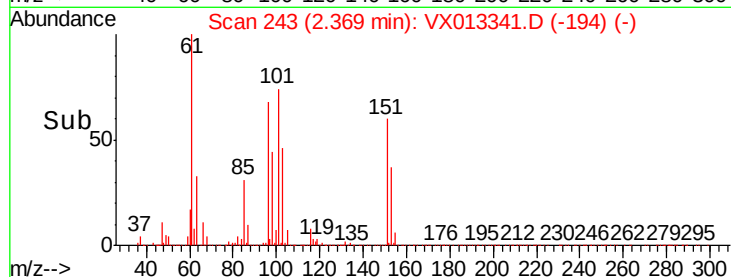
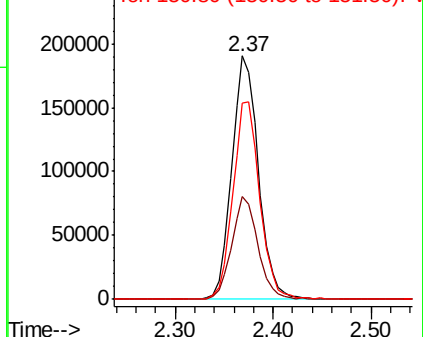


Abundance

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: 49.450 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

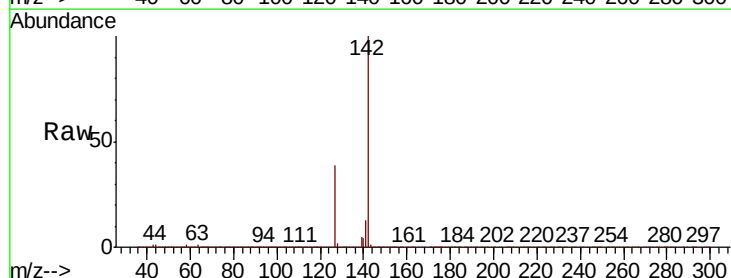
Tgt Ion:142 Resp: 421679

Ion Ratio Lower Upper

142 100

127 39.4 32.6 49.0

141 14.6 11.6 17.4

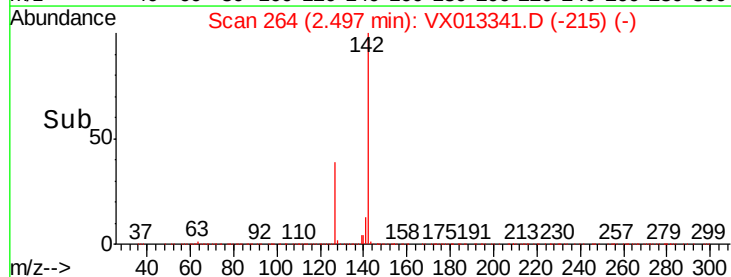
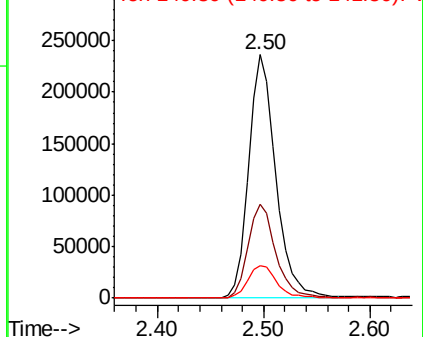


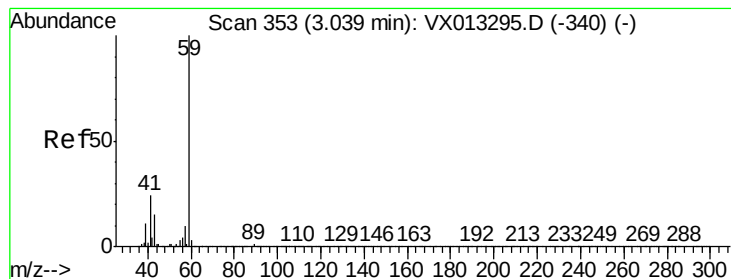
Abundance

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



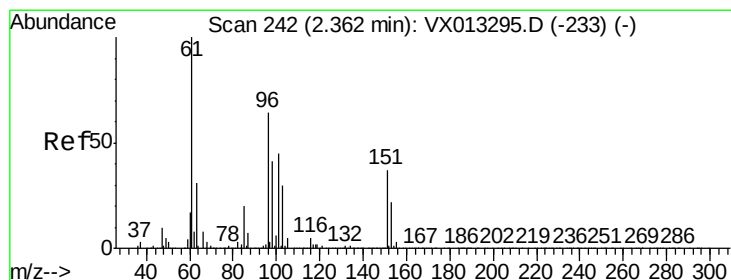
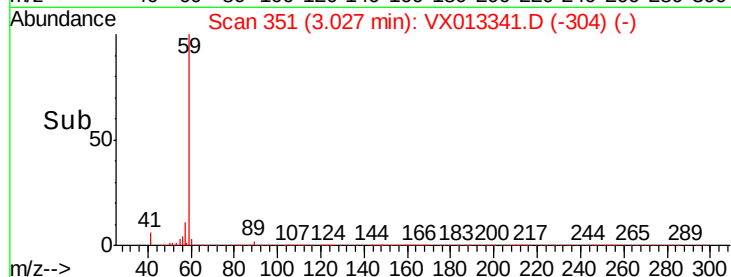
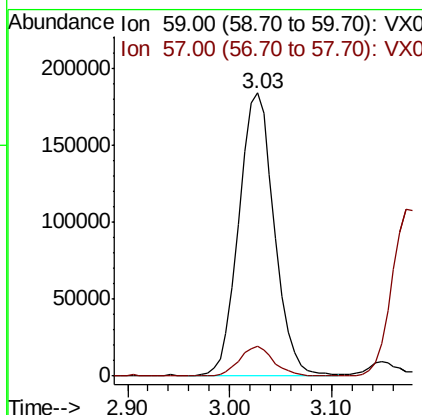
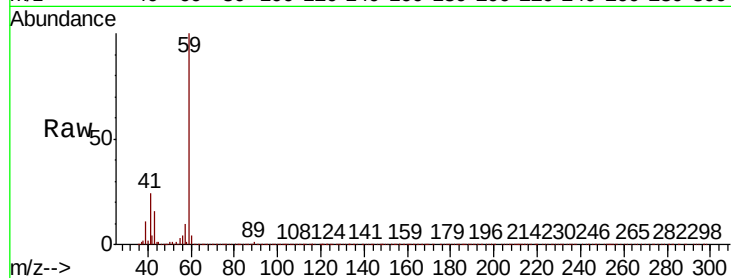


#11

Tert butyl alcohol
 Concen: 193.728 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

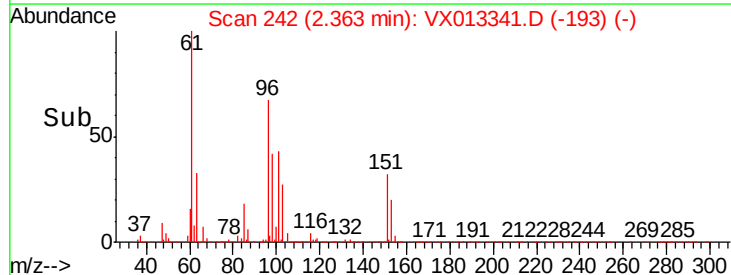
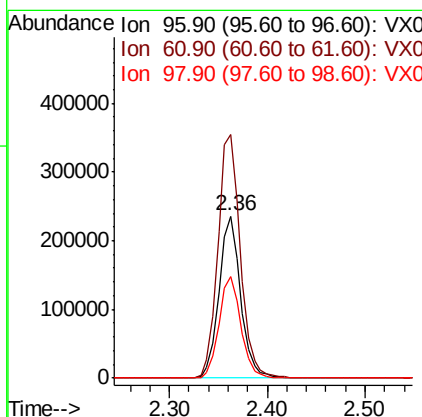
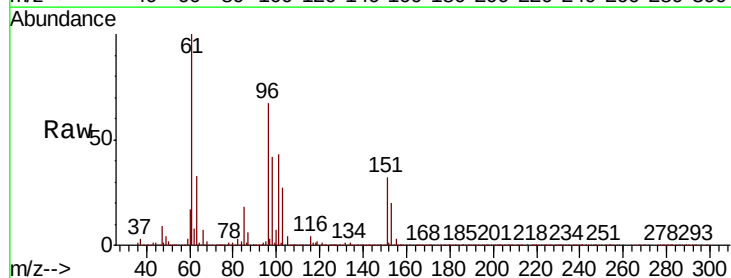
Tot Ion: 59 Resp: 444796
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.0 12.0

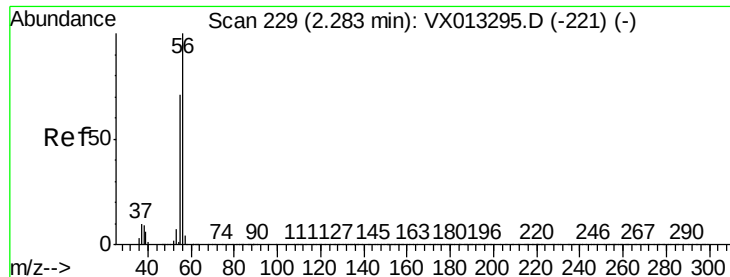


#12

1,1-Dichloroethene
 Concen: 53.240 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion: 96 Resp: 359093
 Ion Ratio Lower Upper
 96 100
 61 150.2 125.0 187.6
 98 62.9 50.7 76.1





#13

Acrolein

Concen: 237.330 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

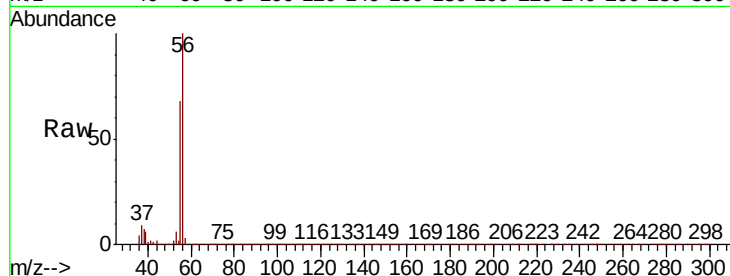
VSTDCCC050EC

Tot Ion: 56 Resp: 295324

Ion Ratio Lower Upper

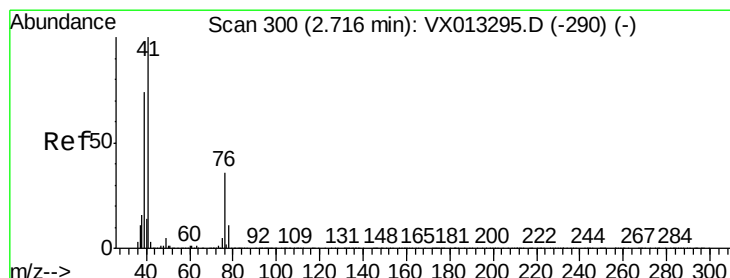
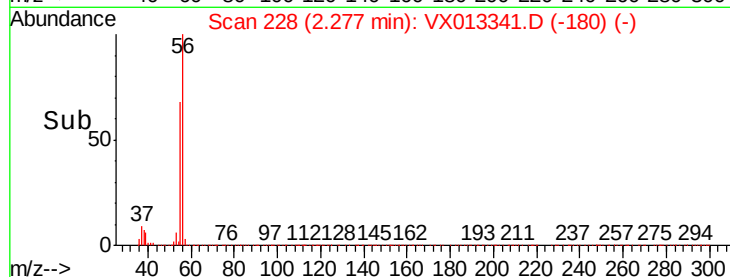
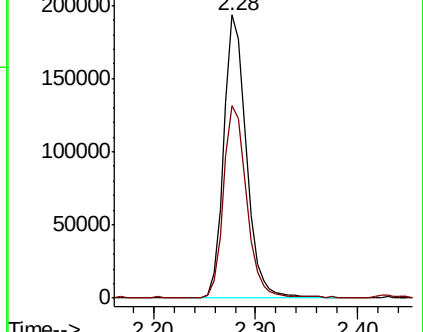
56 100

55 70.1 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.826 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

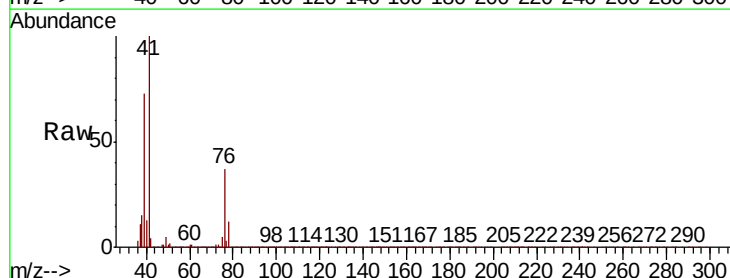
Tgt Ion: 41 Resp: 610615

Ion Ratio Lower Upper

41 100

39 67.6 55.8 83.8

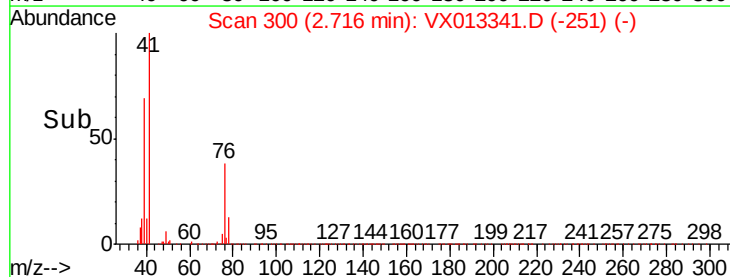
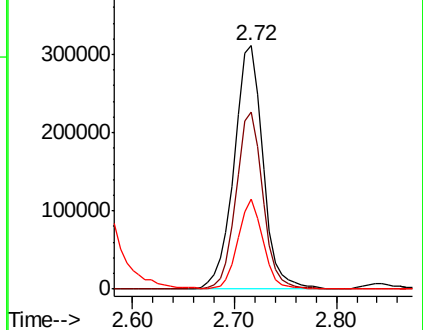
76 31.9 26.4 39.6

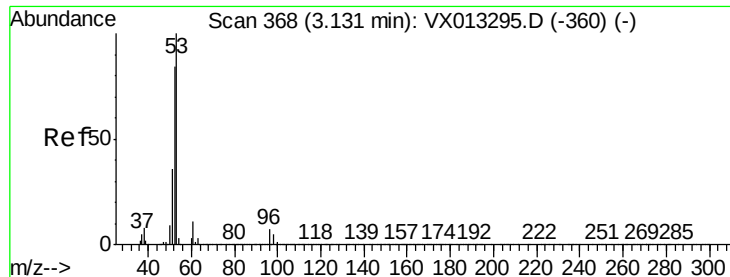


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 237.458 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

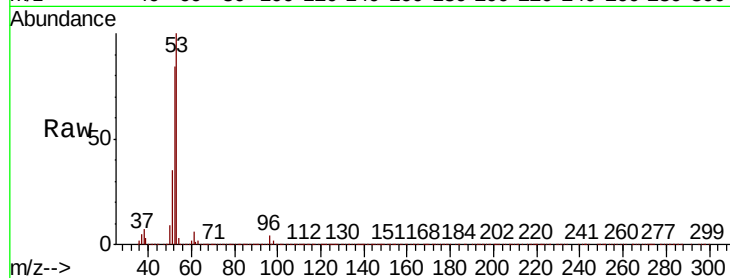
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1018411

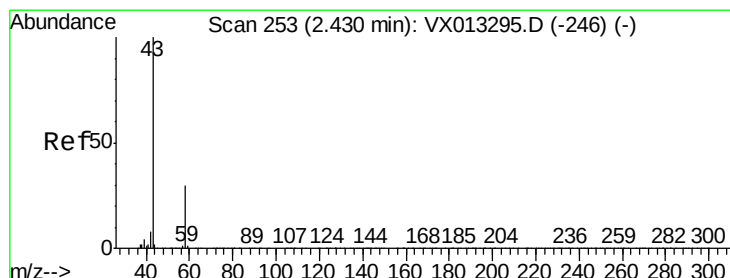
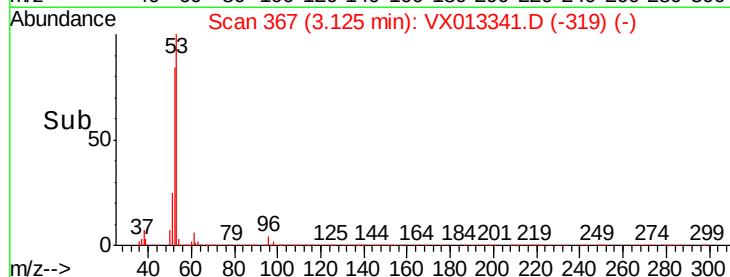
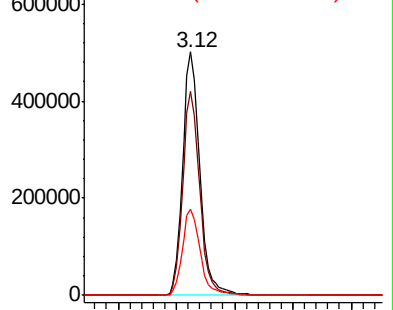
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.4	101.0
51	36.6	29.4	44.2



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: 244.579 ug/l

RT: 2.42 min Scan# 252

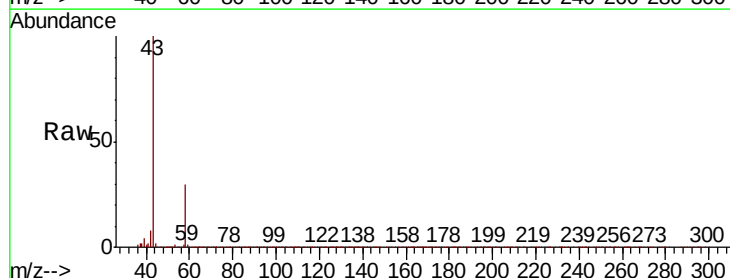
Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

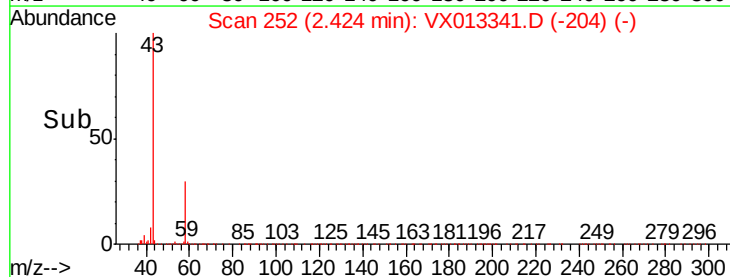
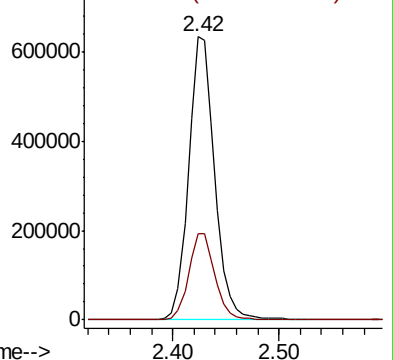
Tgt Ion: 43 Resp: 1062691

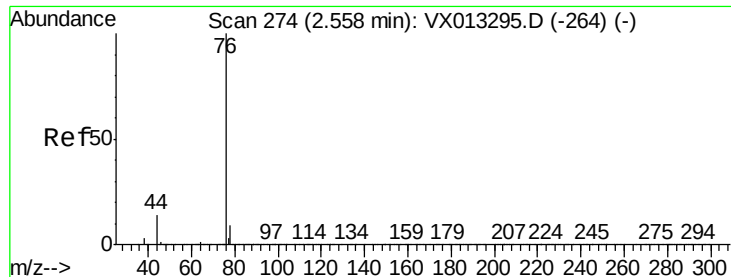
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.457 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

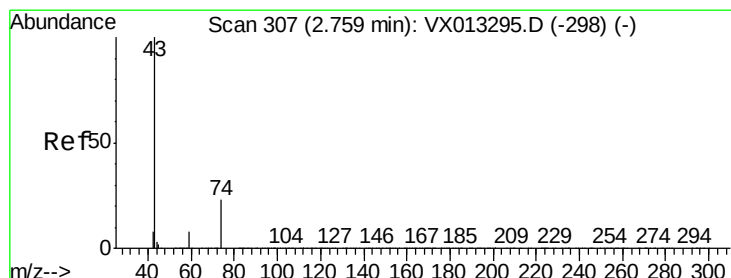
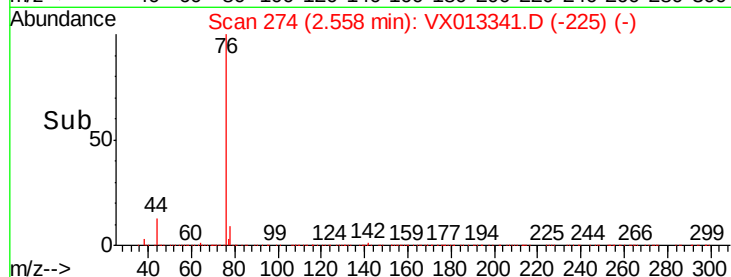
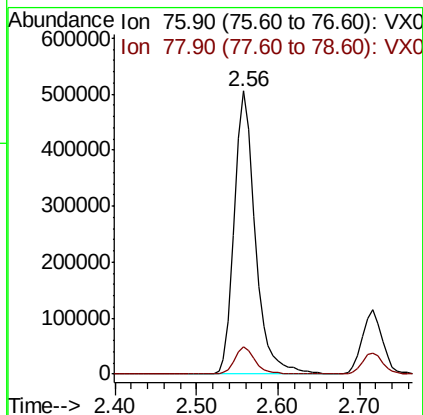
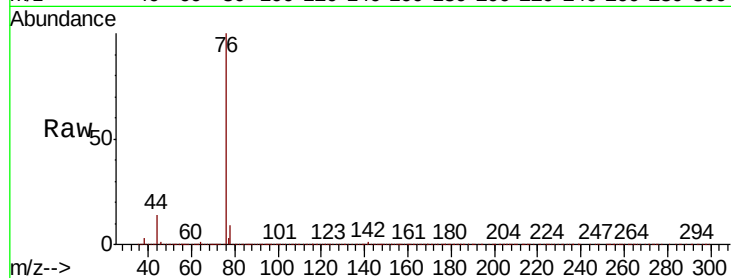
VSTDCCC050EC

Tot Ion: 76 Resp: 892826

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 47.715 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX013341.D

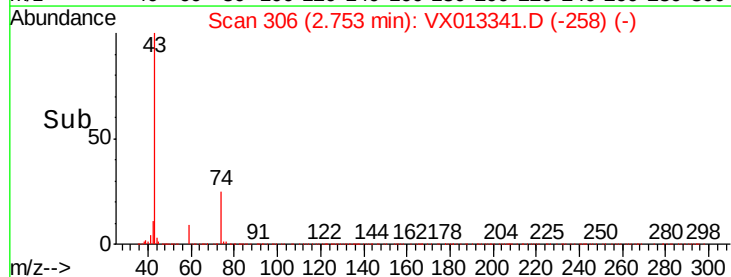
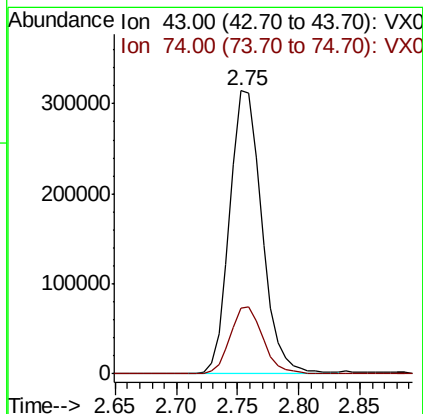
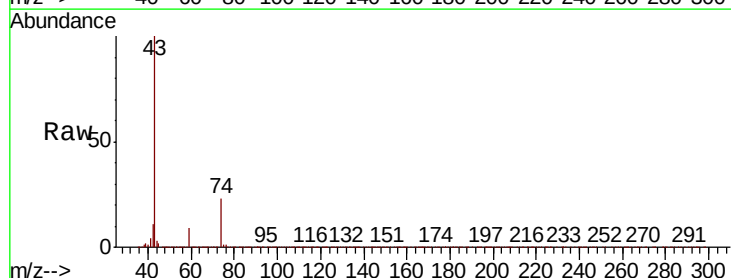
Acq: 06 Nov 2019 15:01

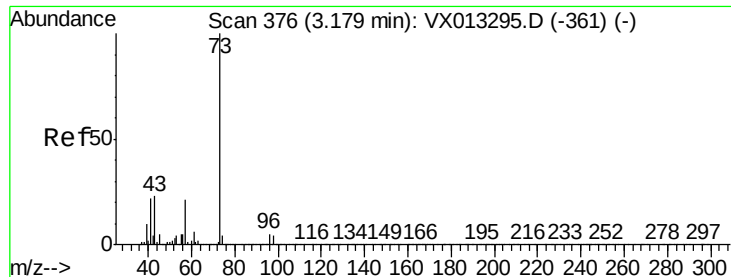
Tgt Ion: 43 Resp: 572371

Ion Ratio Lower Upper

43 100

74 24.4 19.0 28.6



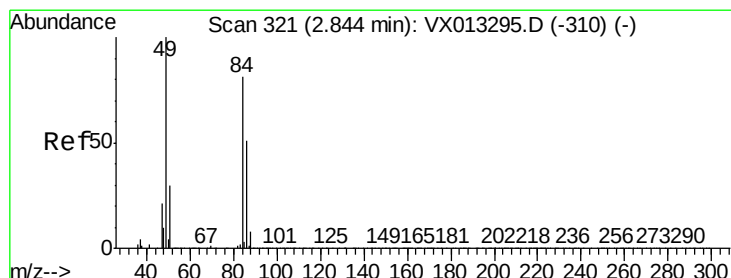
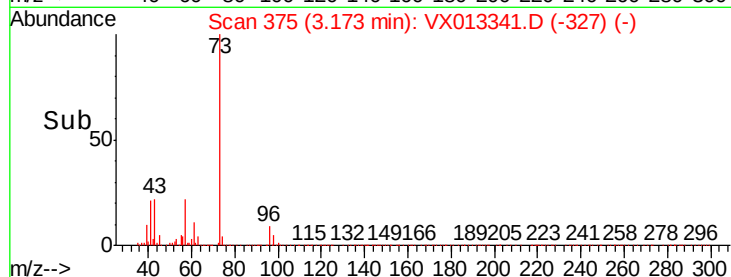
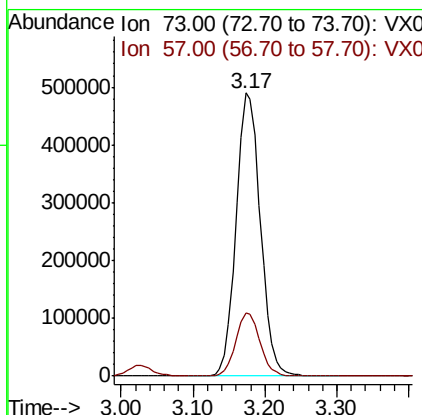
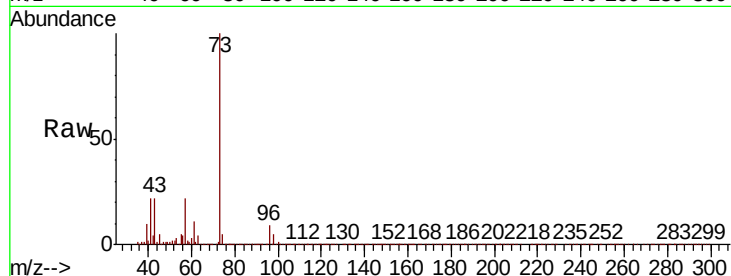


#19

Methyl tert-butyl Ether
 Concen: 50.969 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

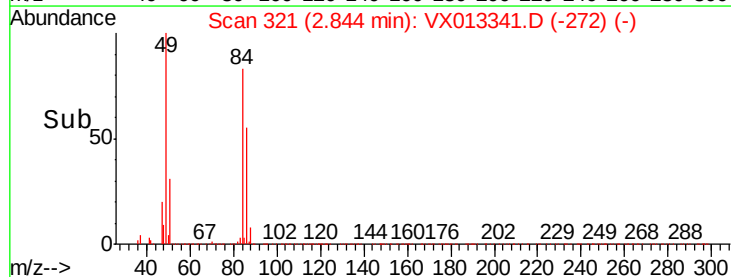
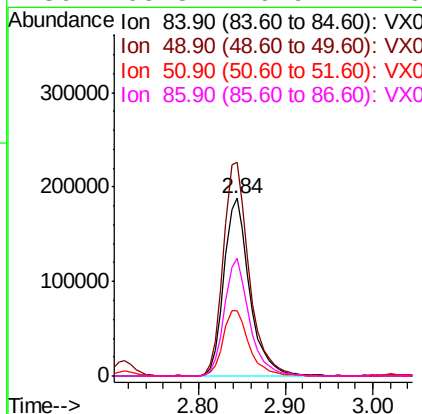
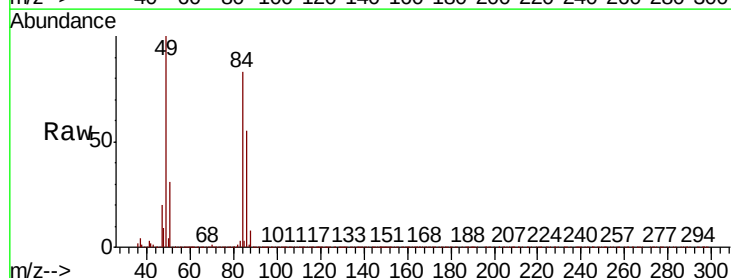
Tot Ion: 73 Resp: 1146589
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.1 25.7

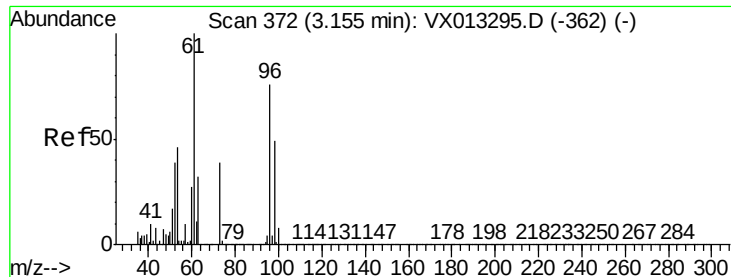


#20

Methylene Chloride
 Concen: 47.563 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion: 84 Resp: 381833
 Ion Ratio Lower Upper
 84 100
 49 120.0 98.2 147.4
 51 36.8 29.9 44.9
 86 65.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.472 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

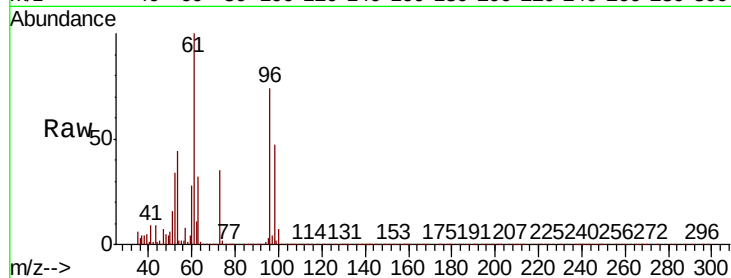
Tot Ion: 96 Resp: 363310

Ion Ratio Lower Upper

96 100

61 135.8 105.8 158.6

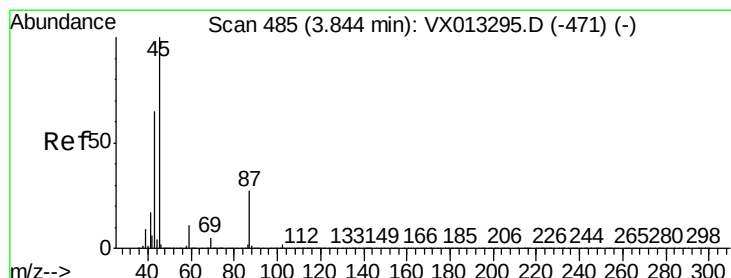
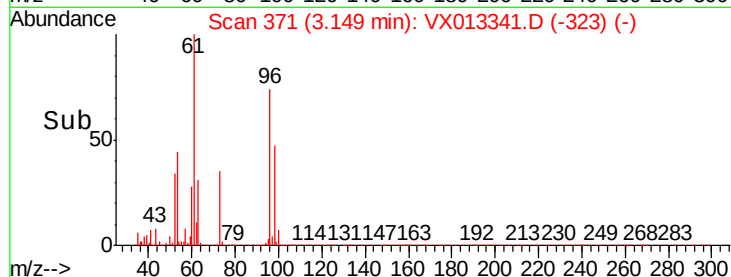
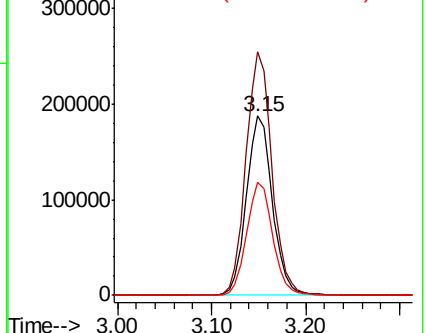
98 63.2 51.8 77.6



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: 51.257 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Tgt Ion: 45 Resp: 1212718

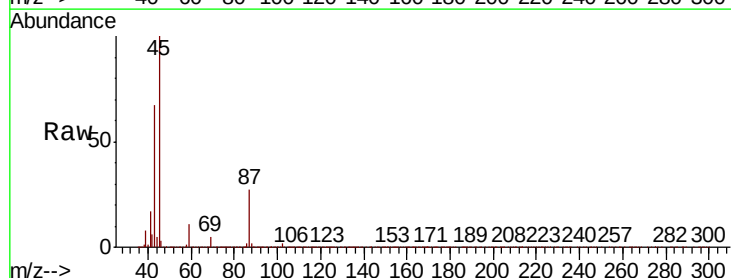
Ion Ratio Lower Upper

45 100

43 66.9 54.2 81.2

87 27.3 21.8 32.8

59 11.1 8.5 12.7

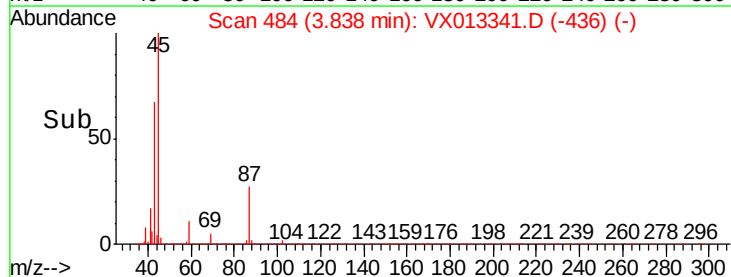
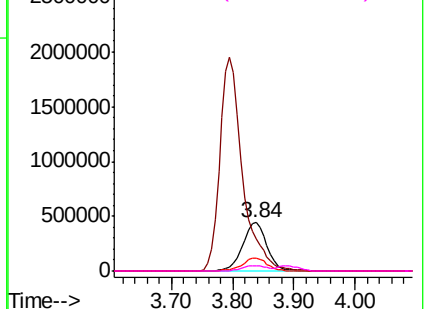


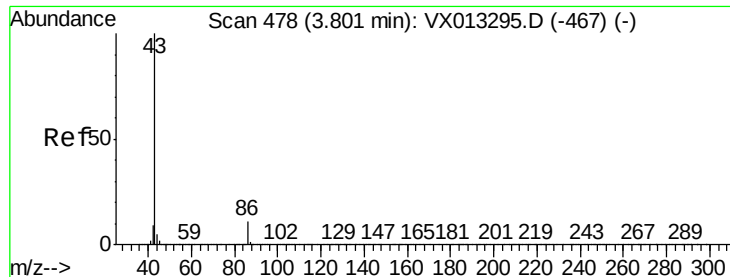
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 248.959 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

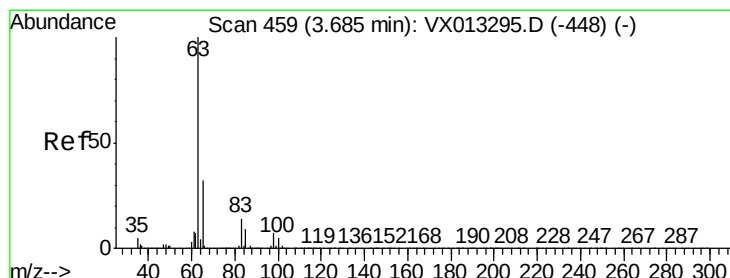
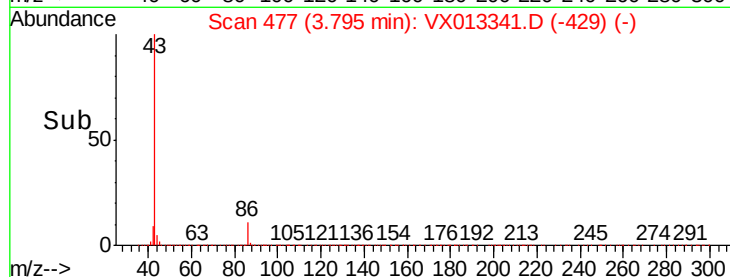
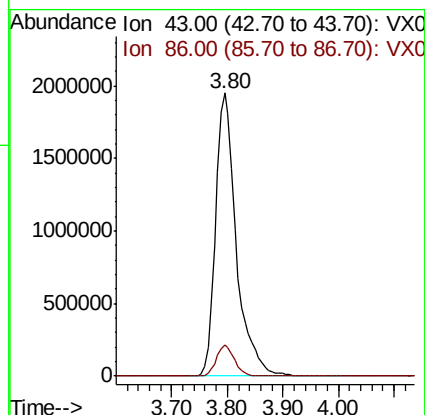
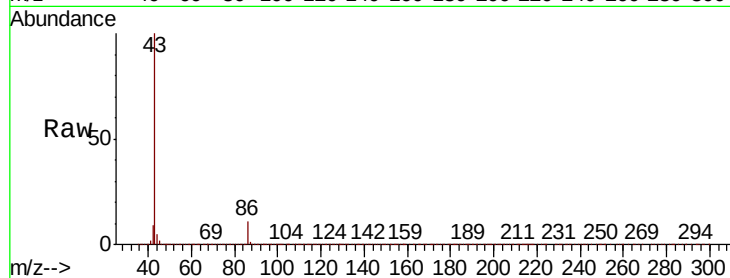
VSTDCCC050EC

Tot Ion: 43 Resp: 5040283

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 49.870 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

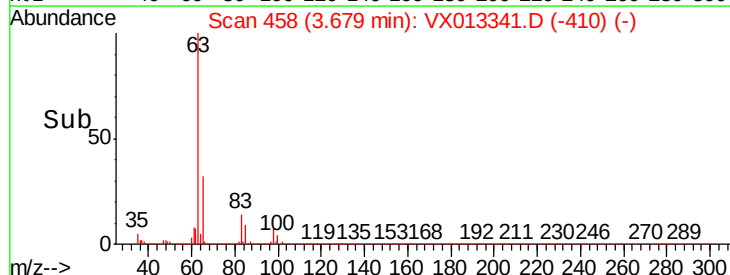
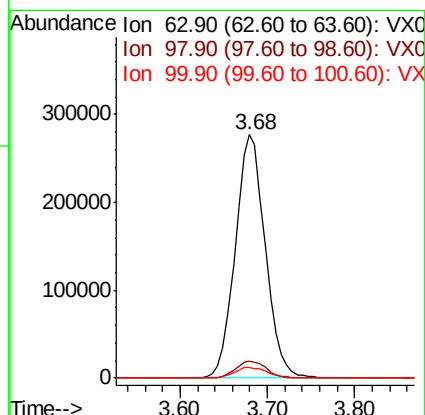
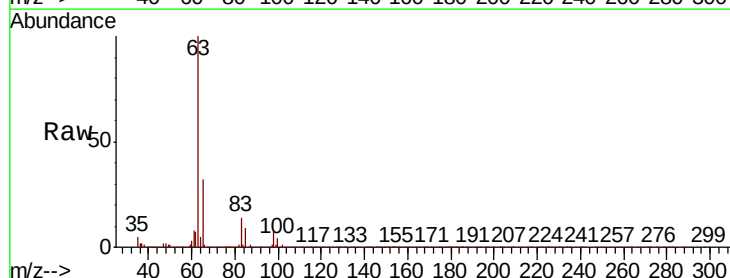
Tgt Ion: 63 Resp: 660046

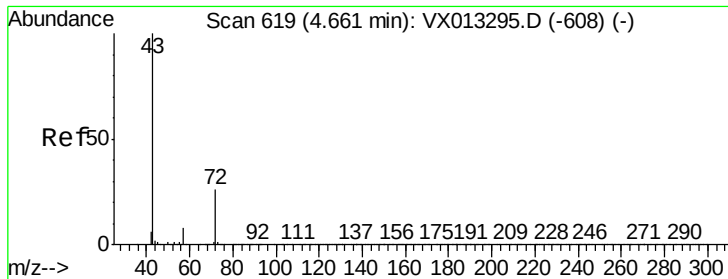
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 237.288 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

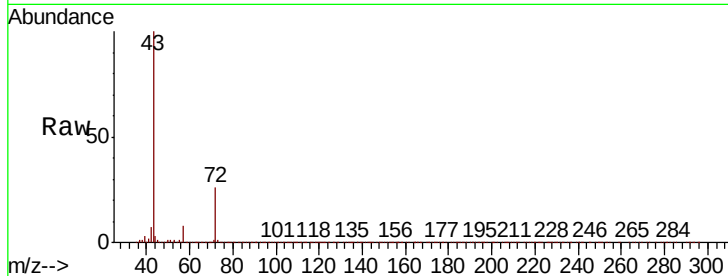
VSTDCCC050EC

Tot Ion: 43 Resp: 1512507

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

600000

500000

400000

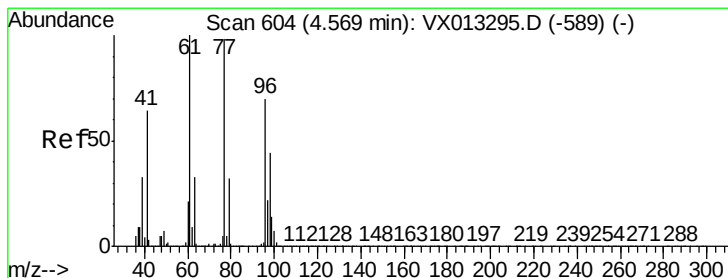
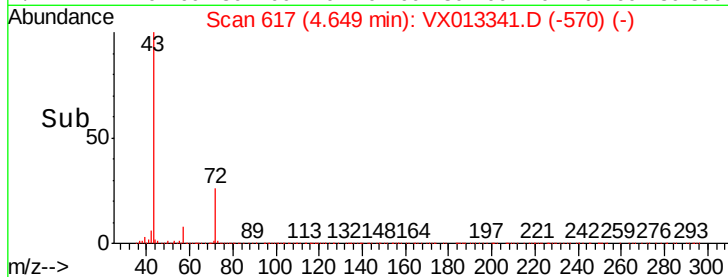
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.665 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013341.D

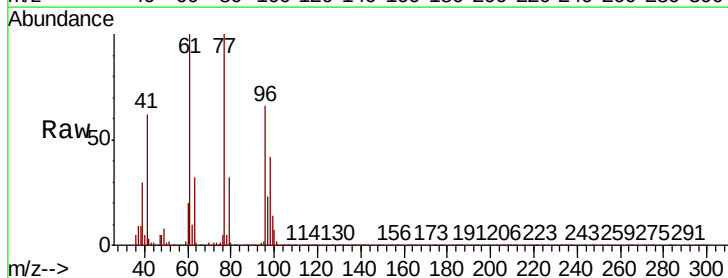
Acq: 06 Nov 2019 15:01

Tgt Ion: 77 Resp: 543983

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

200000

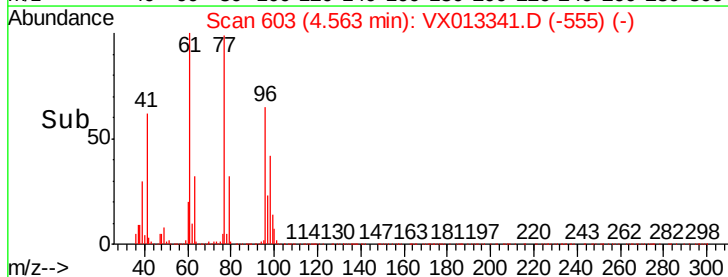
150000

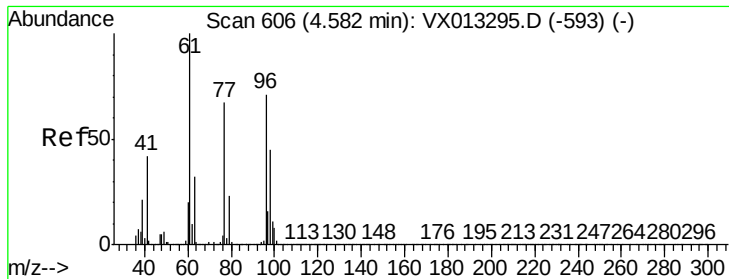
100000

50000

0

Time-->



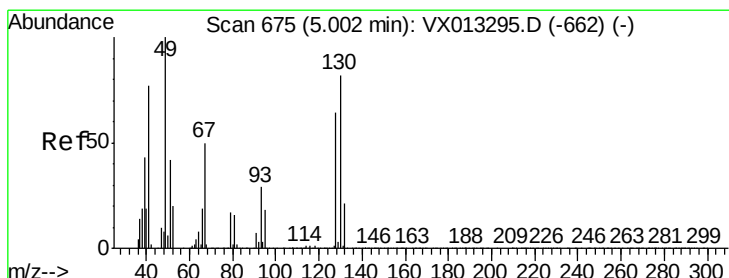
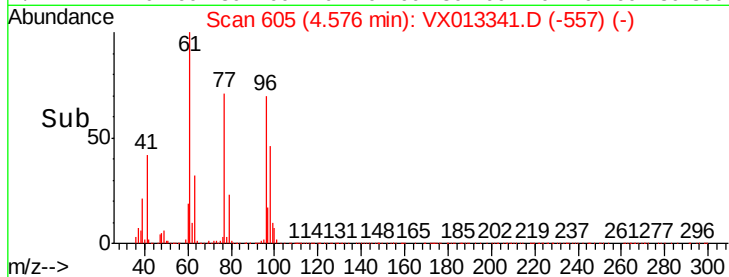
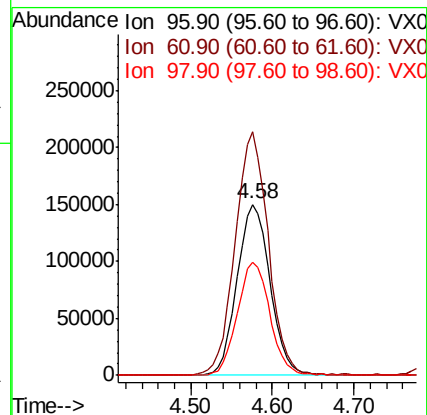
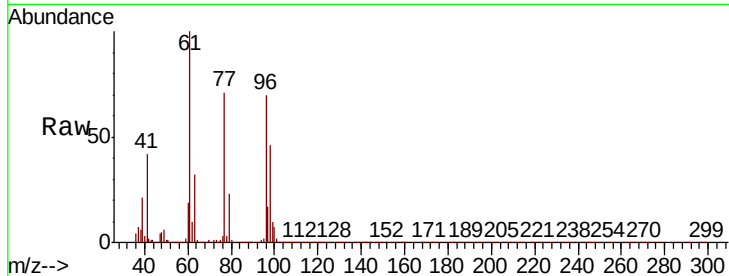


#27

cis-1,2-Dichloroethene
Concen: 50.832 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

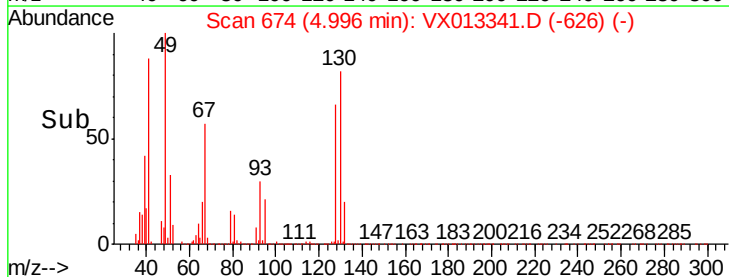
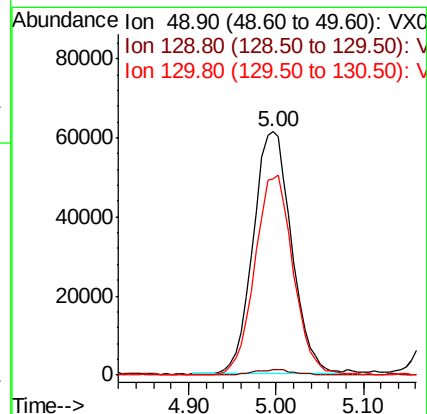
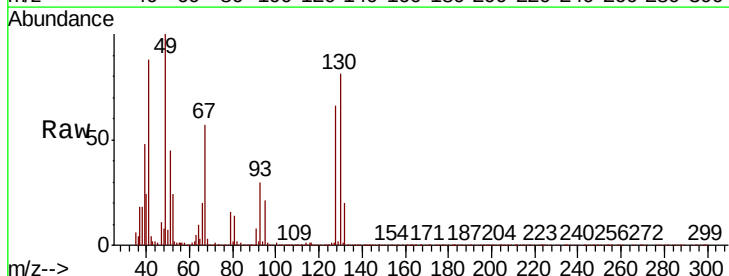
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	288.0
98	65.7	0.0	129.6

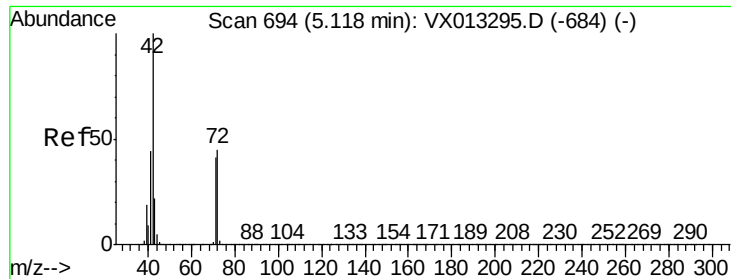


#28

Bromochloromethane
Concen: 49.807 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	81.8	63.8	95.6

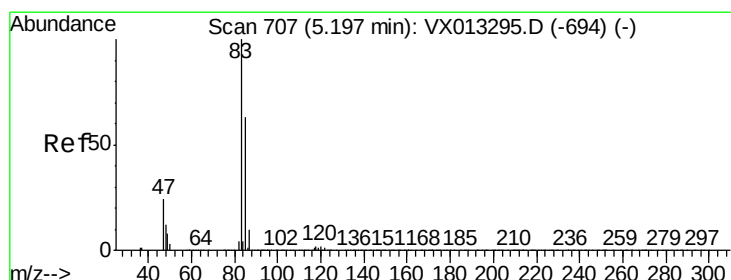
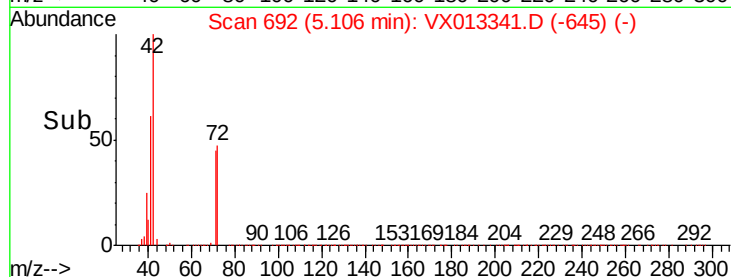
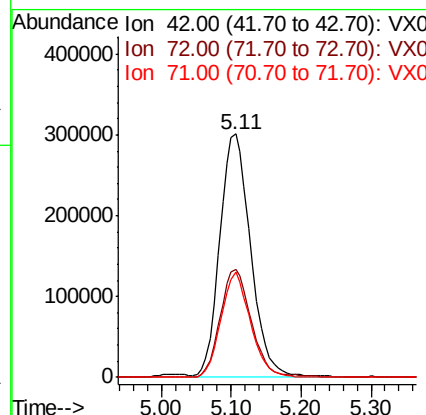
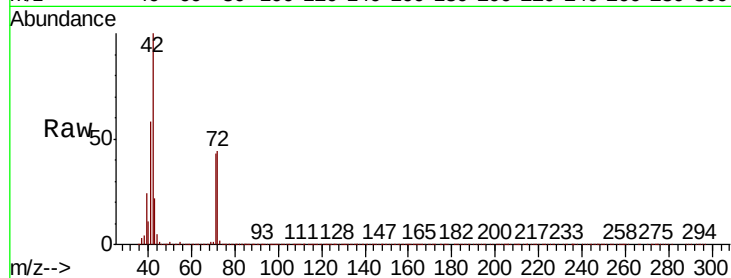




#29
Tetrahydrofuran
Concen: 232.793 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

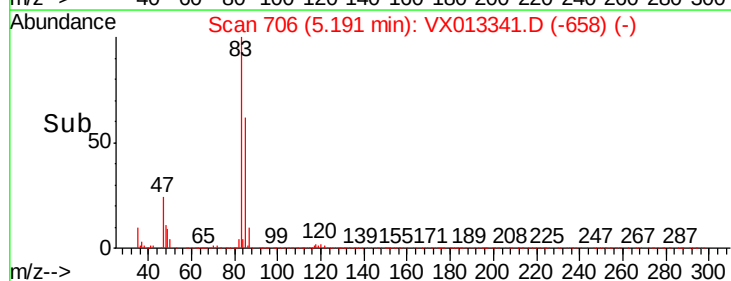
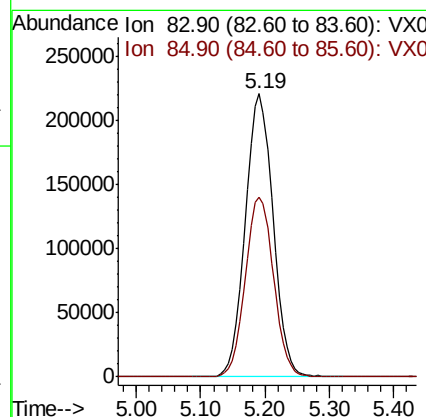
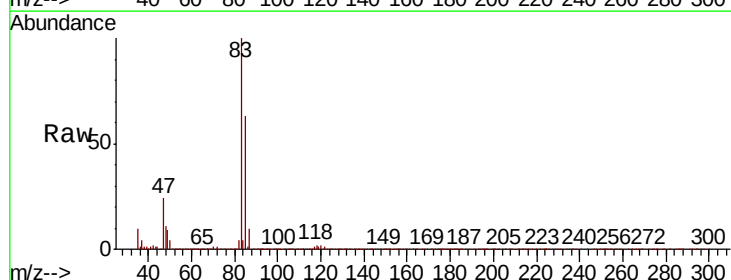
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

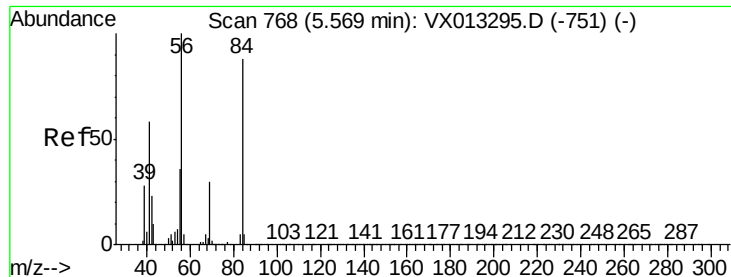
Tot Ion: 42 Resp: 914410
Ion Ratio Lower Upper
42 100
72 45.3 35.8 53.8
71 41.3 33.4 50.0



#30
Chloroform
Concen: 49.996 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion: 83 Resp: 653404
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4

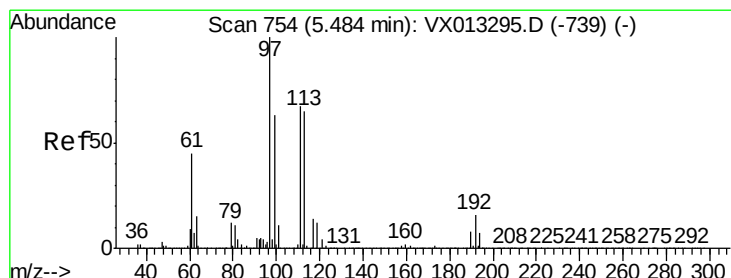
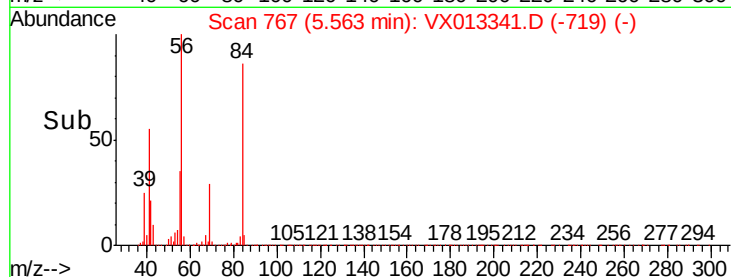
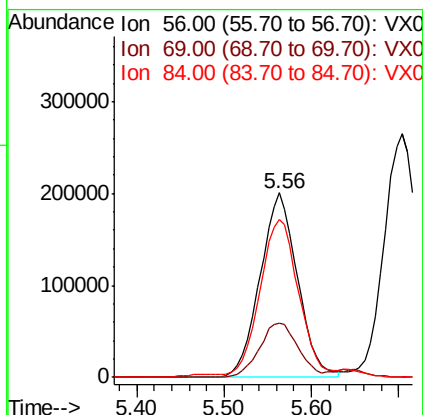
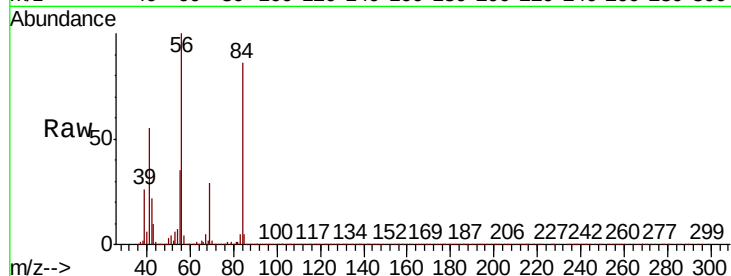




#31
Cyclohexane
Concen: 50.093 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

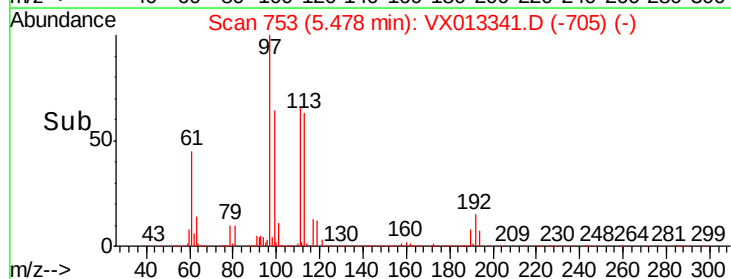
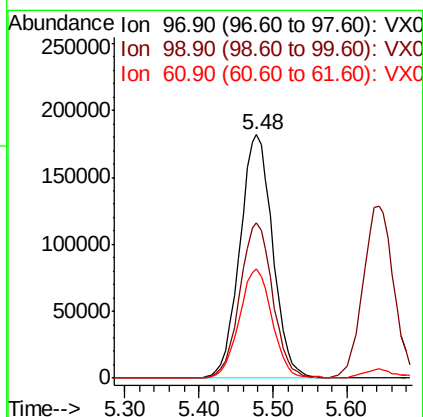
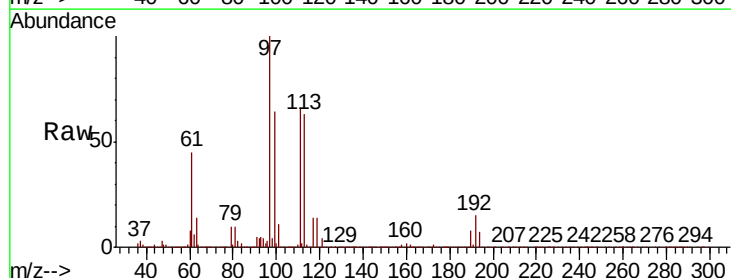
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

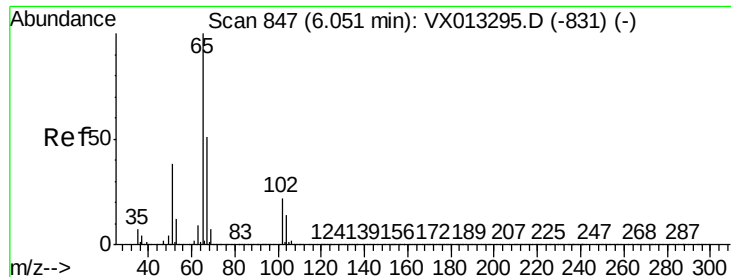
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.7	35.5
84	85.0	70.6	105.8



#32
1,1,1-Trichloroethane
Concen: 49.736 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	45.3	36.5	54.7

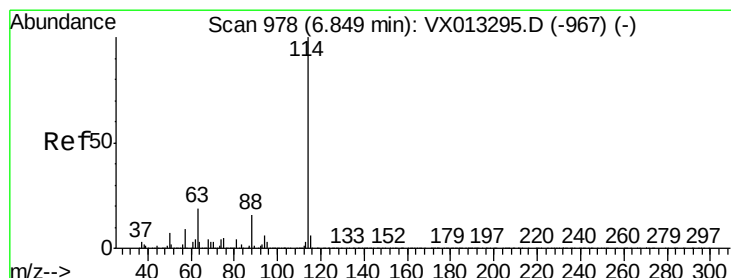
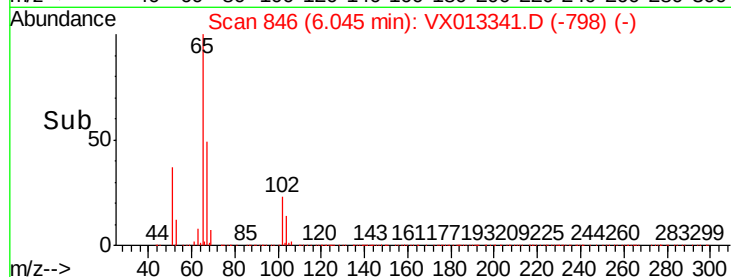
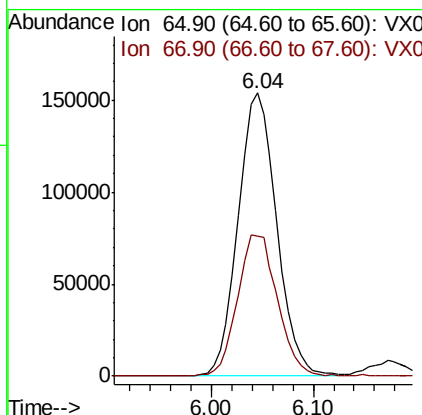
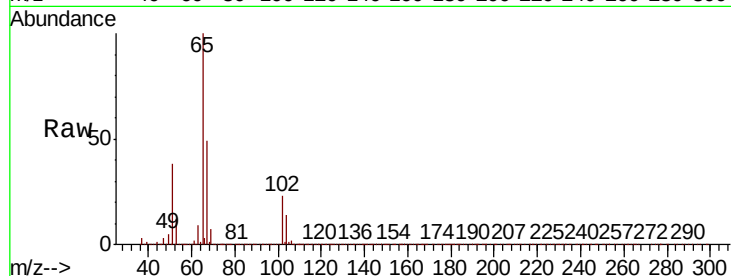




#33
 1,2-Dichloroethane-d4
 Concen: 46.433 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

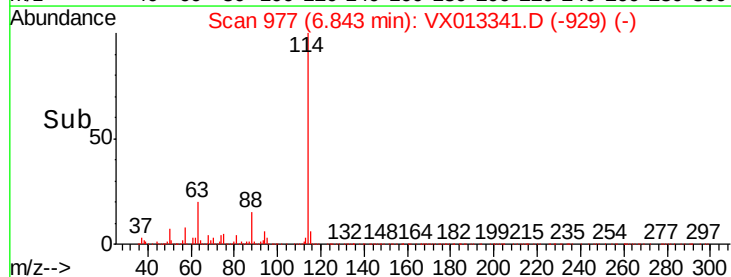
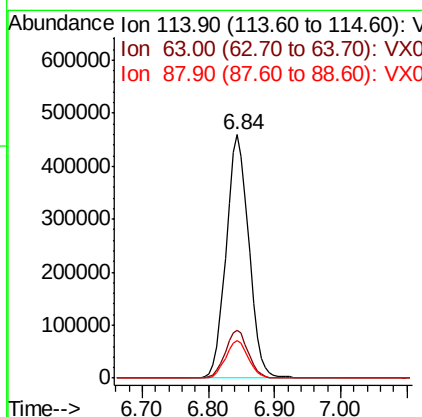
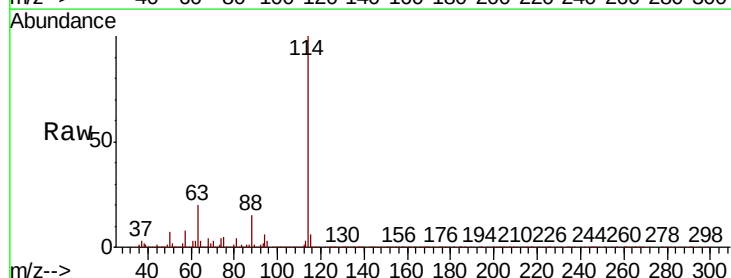
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

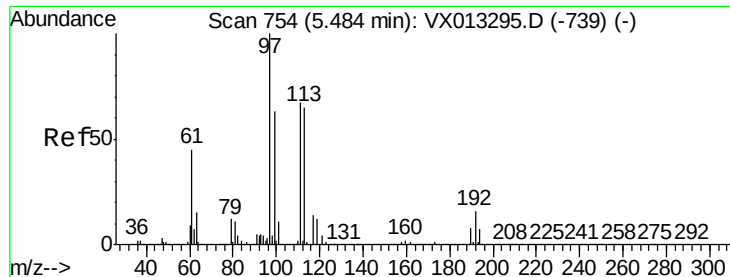
Tot Ion: 65 Resp: 404485
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion: 114 Resp: 1089746
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 15.4 0.0 32.2

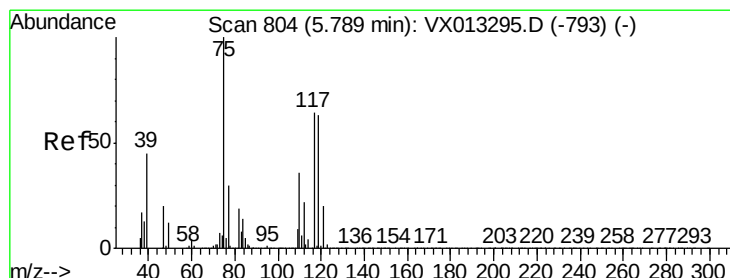
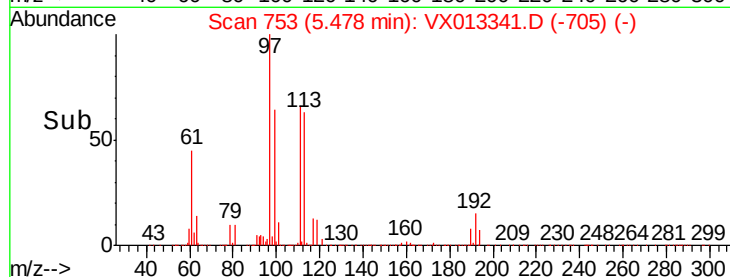
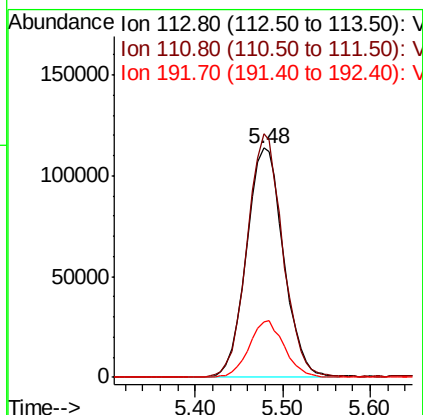
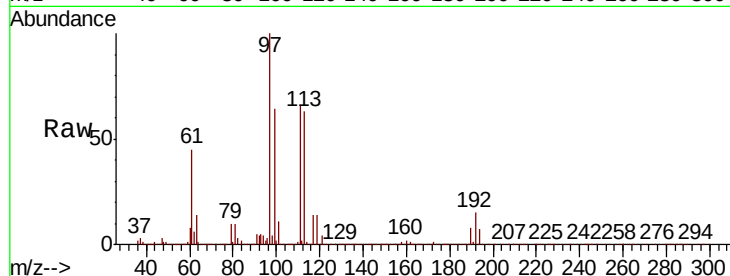




#35
 Dibromofluoromethane
 Concen: 48.696 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

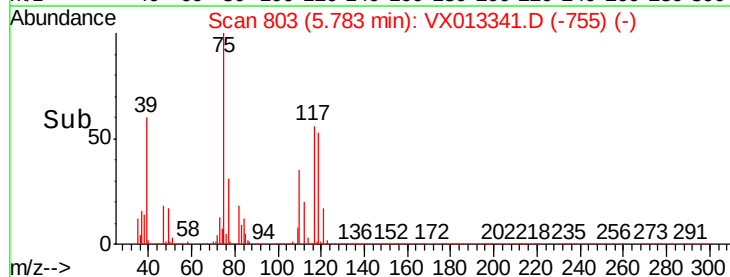
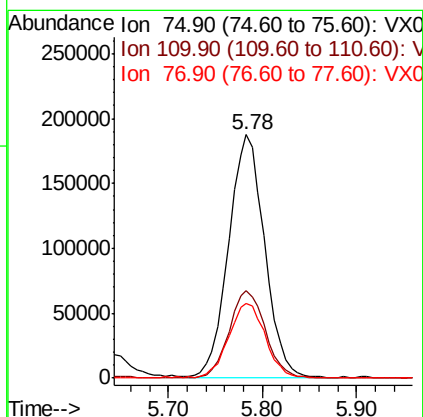
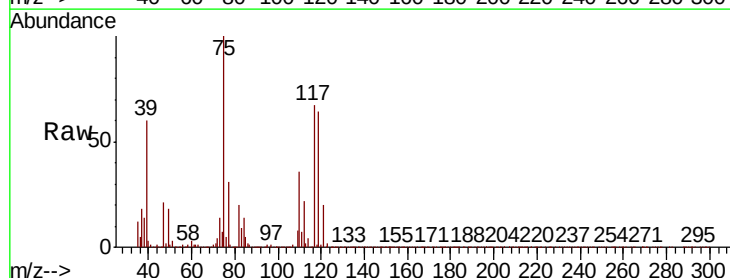
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

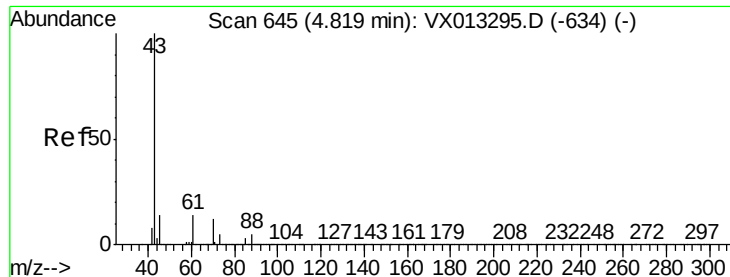
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.5	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 52.905 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.1
77	31.2	25.0	37.4

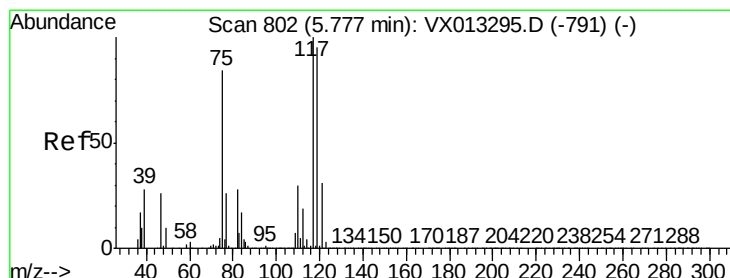
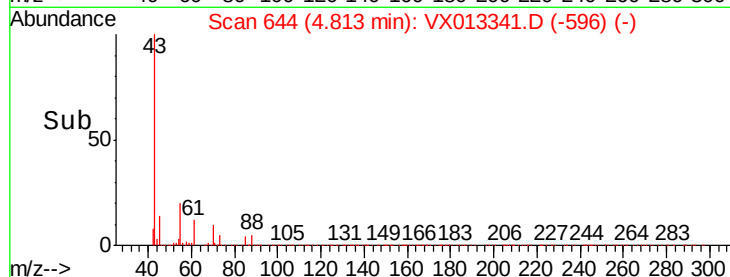
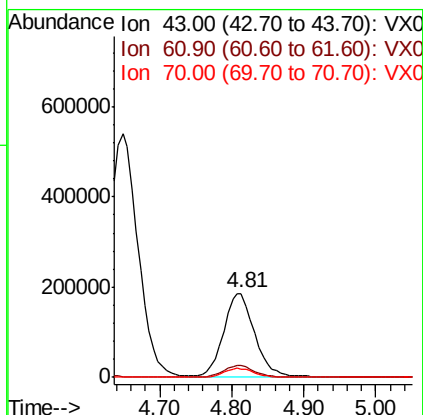
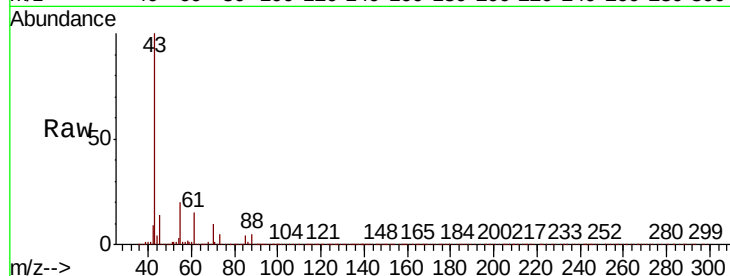




#37
Ethyl Acetate
Concen: 47.898 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

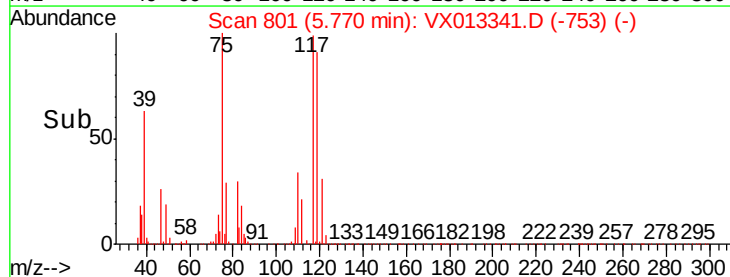
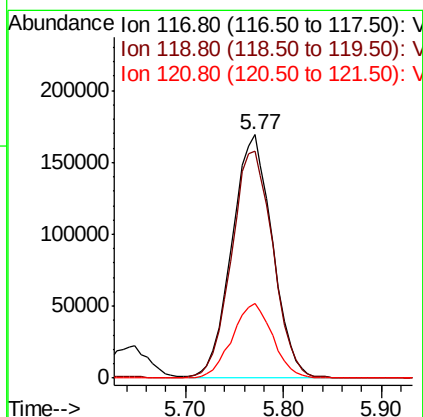
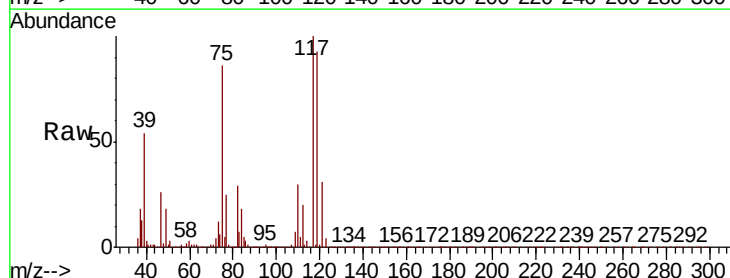
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

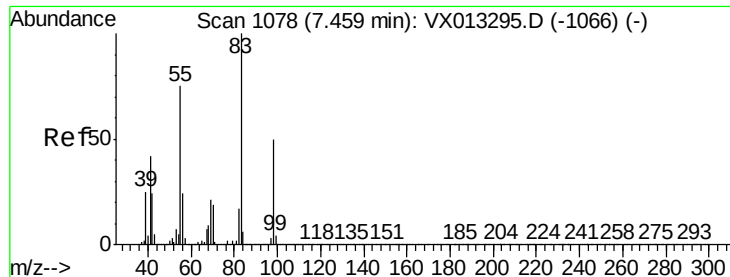
Tot Ion: 43 Resp: 553304
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 52.959 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion: 117 Resp: 484141
Ion Ratio Lower Upper
117 100
119 93.4 76.1 114.1
121 30.7 24.6 37.0

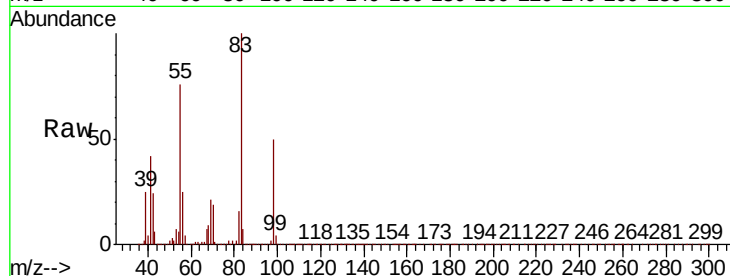




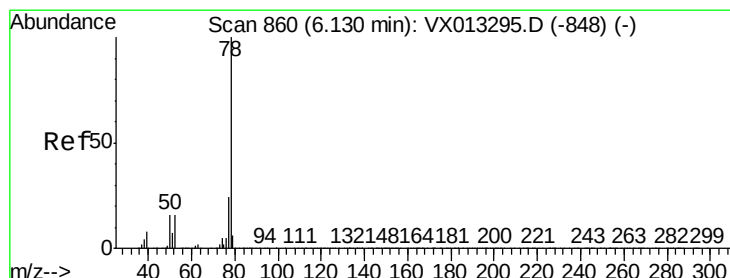
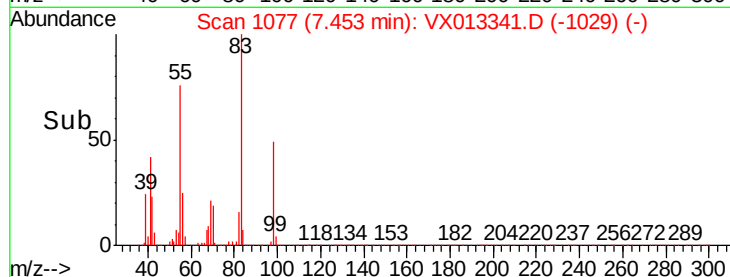
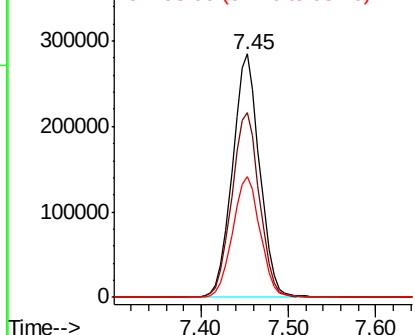
#39
Methylvlcyclohexane
Concen: 52.659 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.3	90.5
98	49.5	40.3	60.5

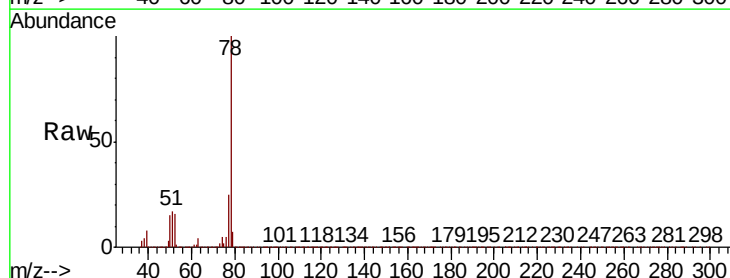


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

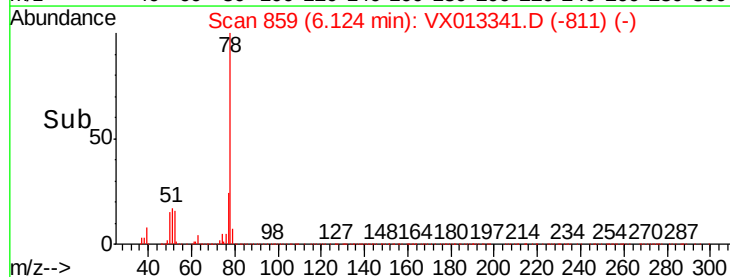
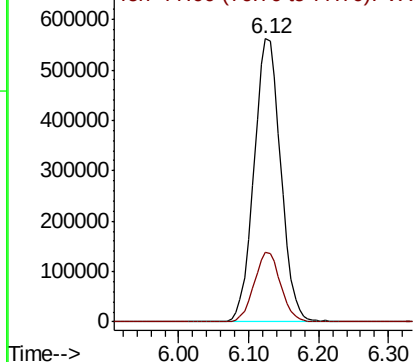


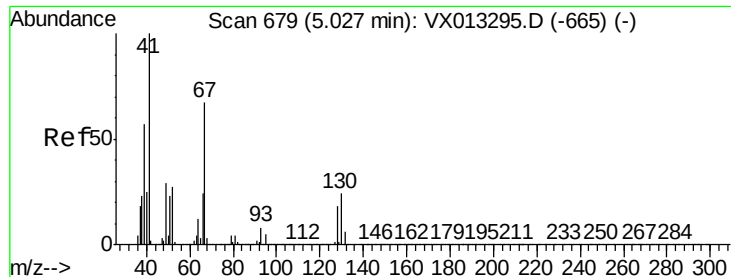
#40
Benzene
Concen: 51.248 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

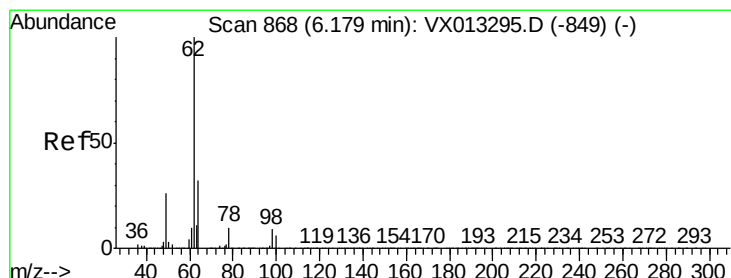
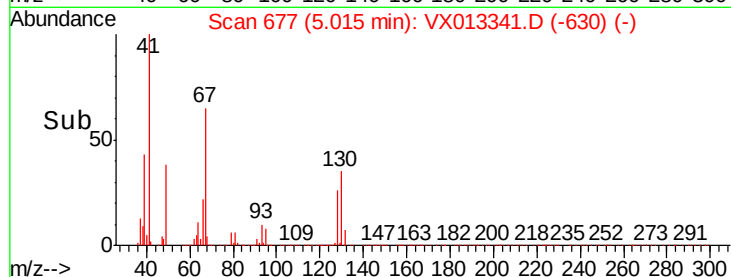
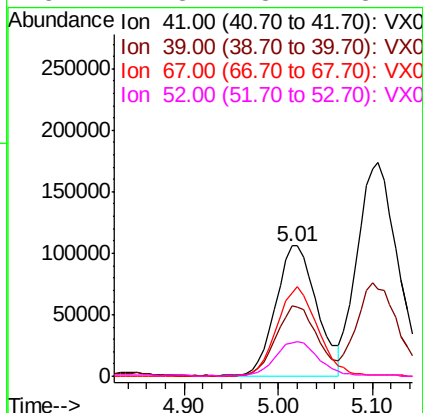
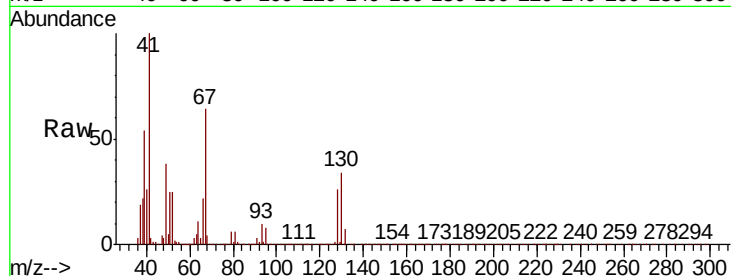




#41
Methacrylonitrile
Concen: 49.590 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

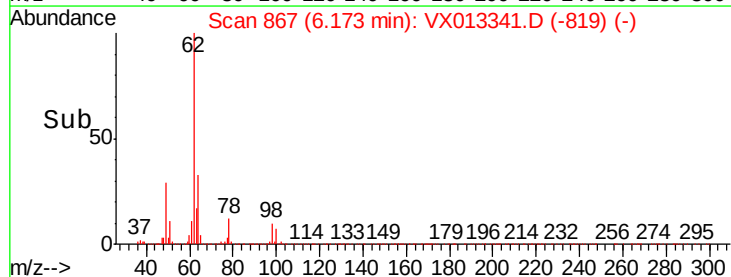
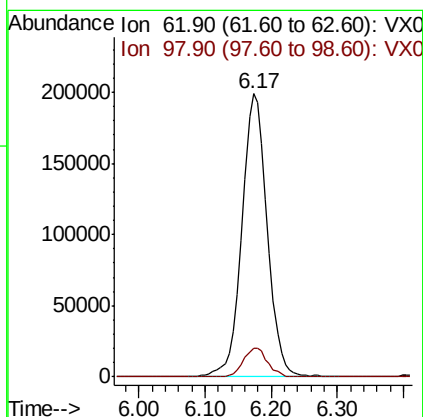
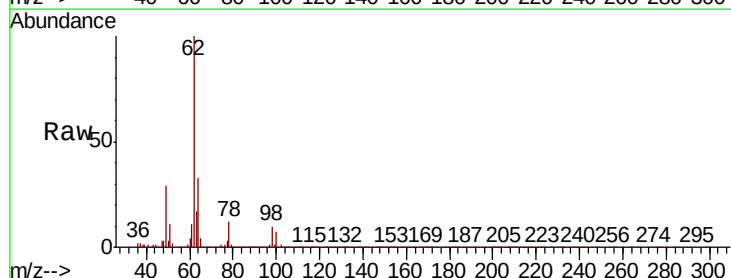
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

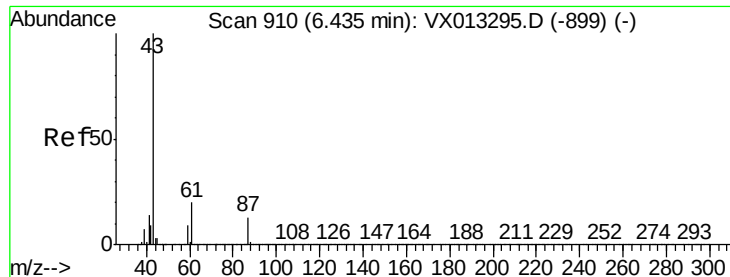
Tot Ion:	41	Resp:	321083
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.0	67.6
67	67.5	55.4	83.2
52	27.3	23.1	34.7



#42
1,2-Dichloroethane
Concen: 50.415 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion:	62	Resp:	529564
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 50.322 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

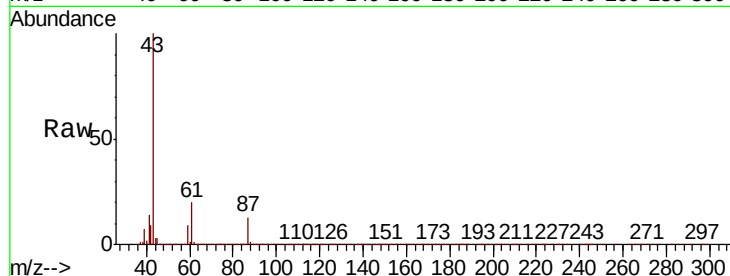
Tot Ion: 43 Resp: 905211

Ion Ratio Lower Upper

43 100

61 20.2 15.8 23.8

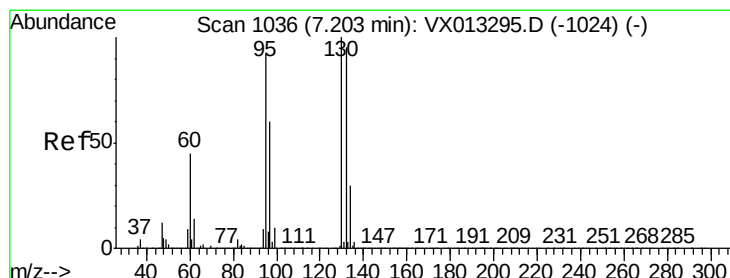
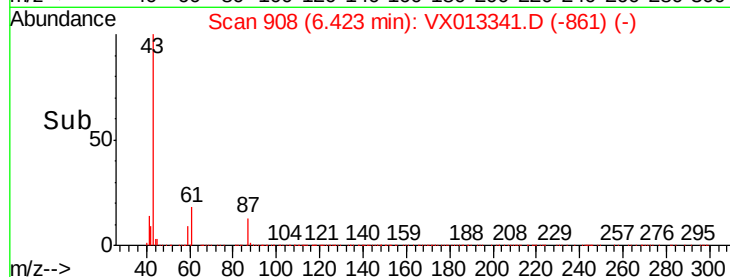
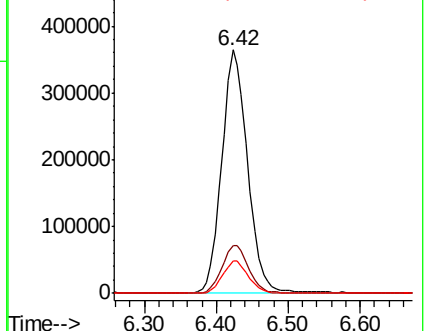
87 13.2 10.4 15.6



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: 51.381 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013341.D

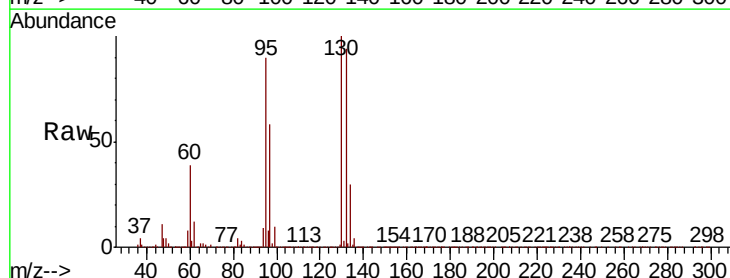
Acq: 06 Nov 2019 15:01

Tgt Ion:130 Resp: 411864

Ion Ratio Lower Upper

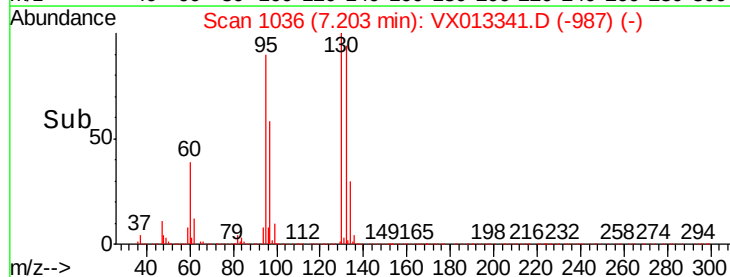
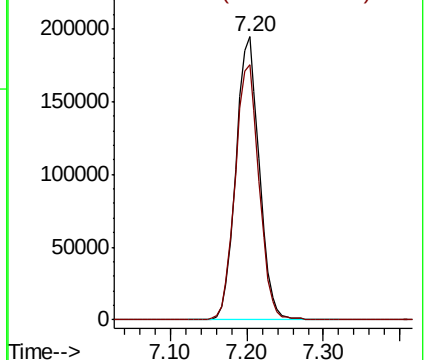
130 100

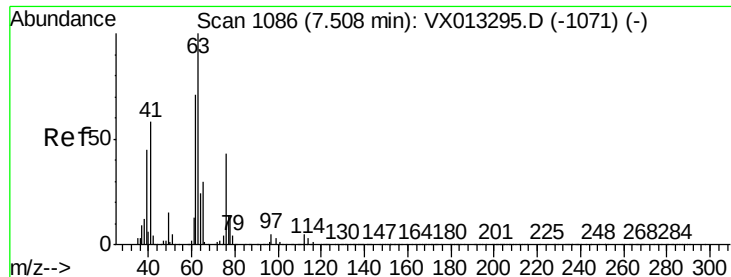
95 90.1 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

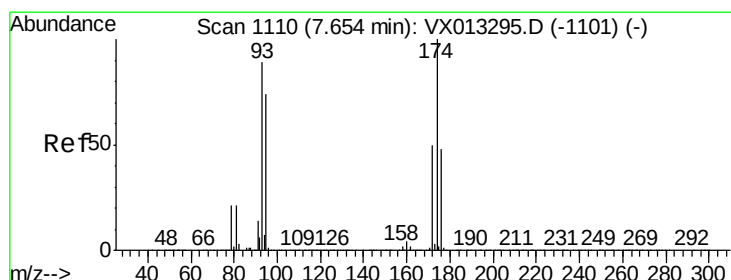
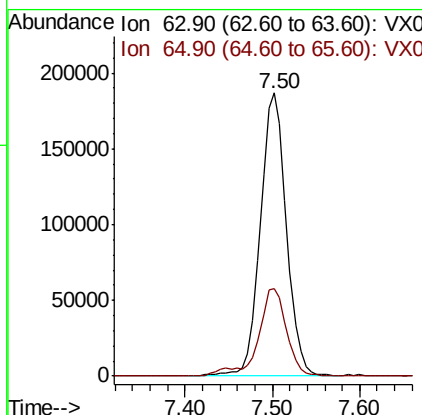
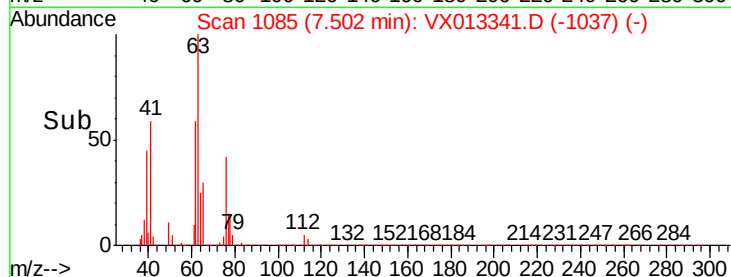
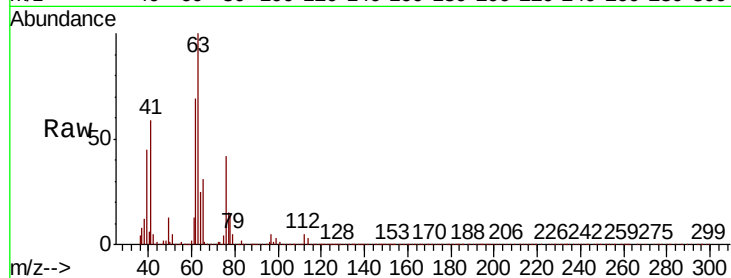




#45
 1,2-Dichloropropane
 Concen: 51.967 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

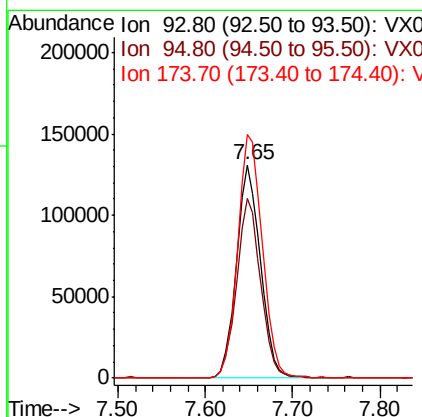
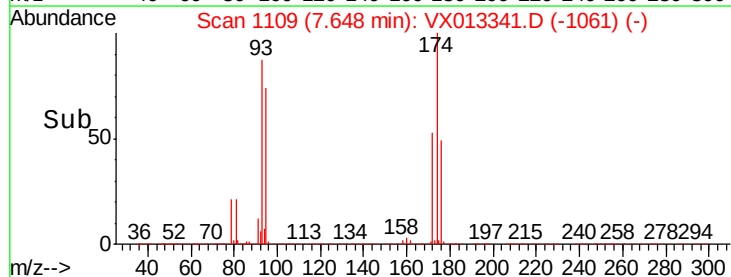
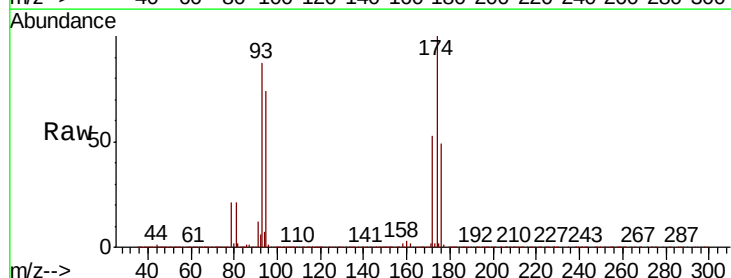
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

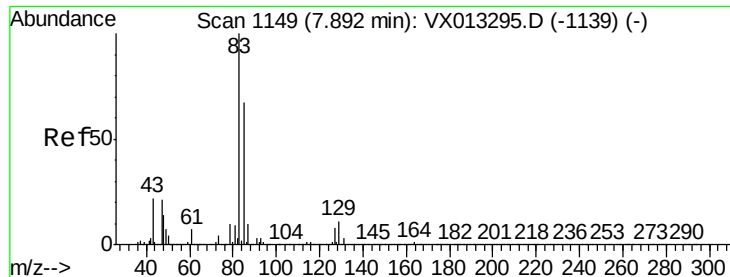
Tot Ion: 63 Resp: 385590
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5



#46
 Dibromomethane
 Concen: 49.336 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion: 93 Resp: 249942
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.8 98.6
 174 117.7 90.4 135.6





#47

Bromodichloromethane

Concen: 53.556 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

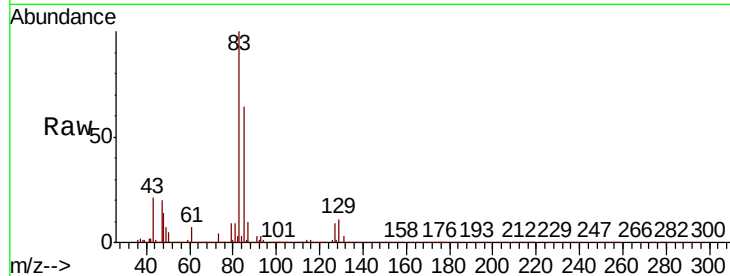
Tot Ion: 83 Resp: 511629

Ion Ratio Lower Upper

83 100

85 64.1 53.7 80.5

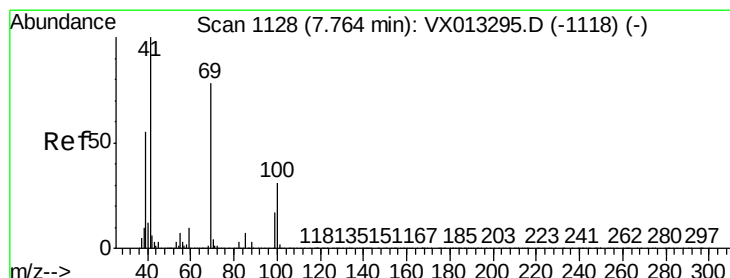
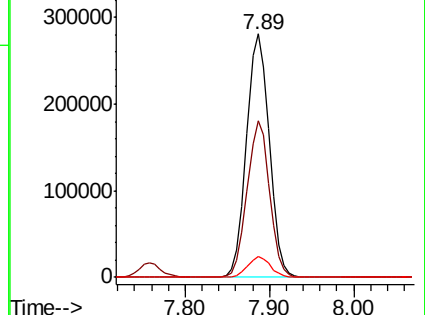
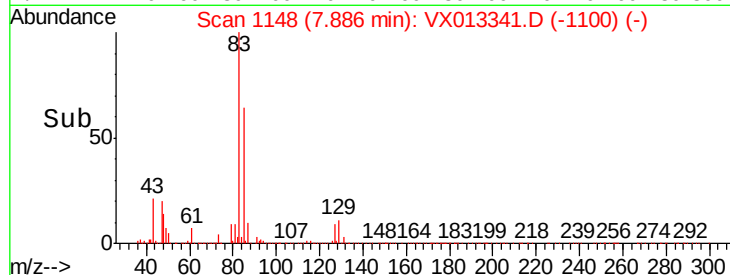
127 8.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.597 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

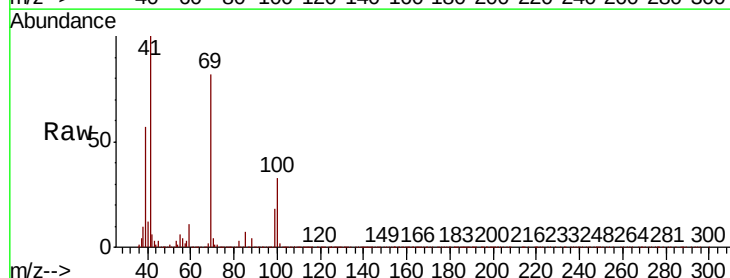
Tgt Ion: 41 Resp: 454330

Ion Ratio Lower Upper

41 100

69 80.7 63.0 94.6

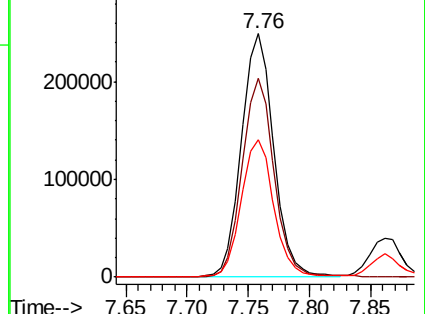
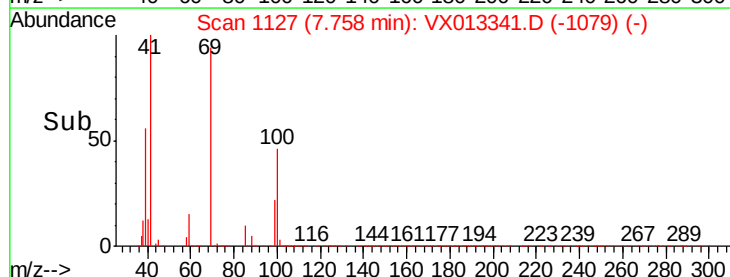
39 56.8 45.9 68.9

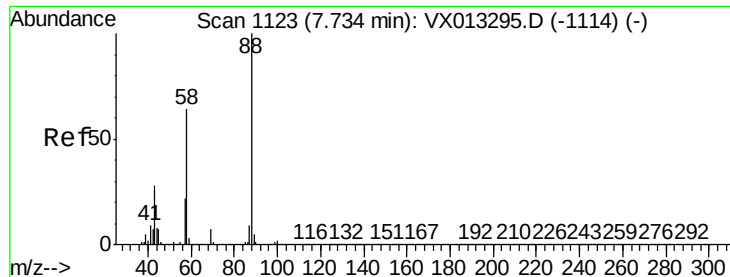


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 895.410 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

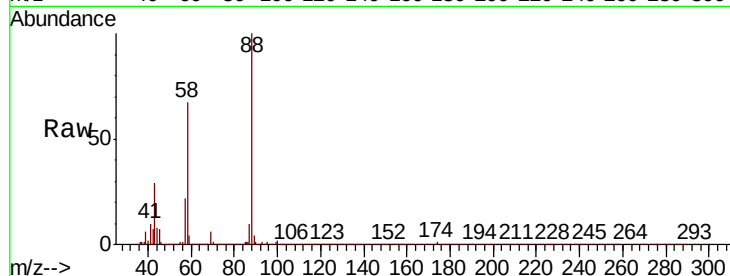
Tot Ion: 88 Resp: 184129

Ion Ratio Lower Upper

88 100

43 32.9 26.6 39.8

58 70.3 55.0 82.6

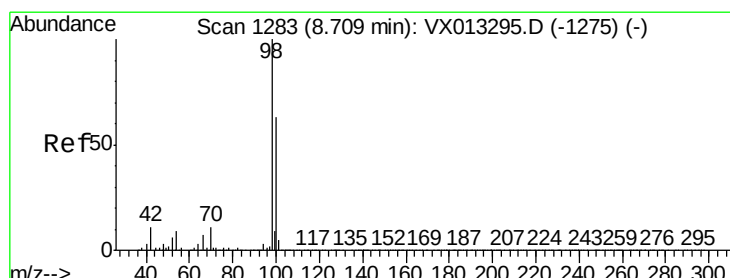
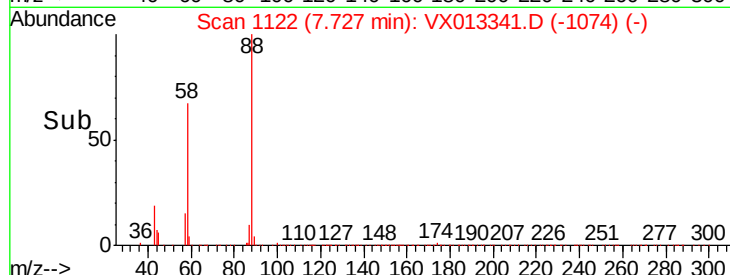
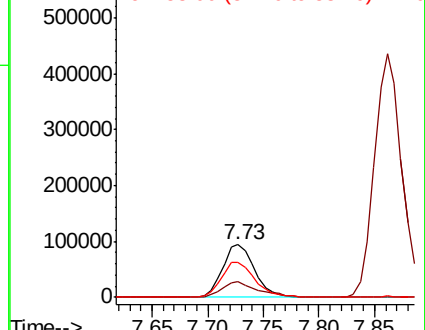


Abundance

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: 48.980 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013341.D

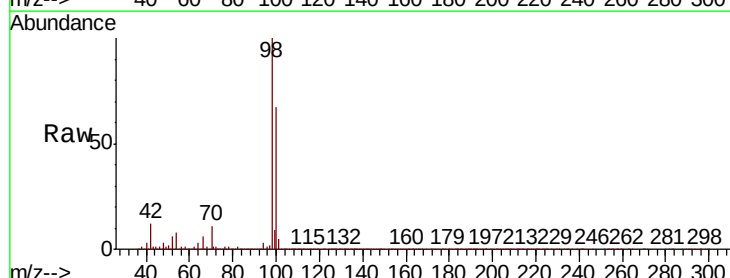
Acq: 06 Nov 2019 15:01

Tgt Ion: 98 Resp: 1262081

Ion Ratio Lower Upper

98 100

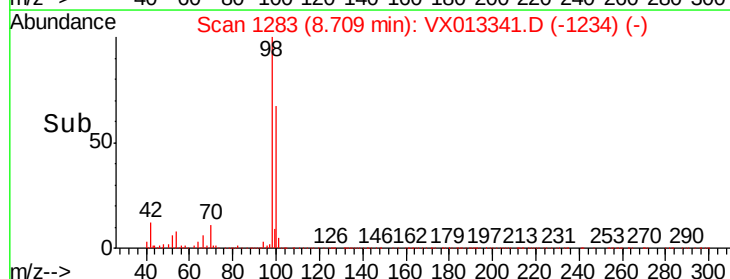
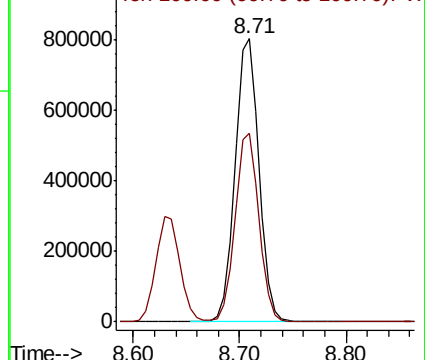
100 66.5 52.2 78.2

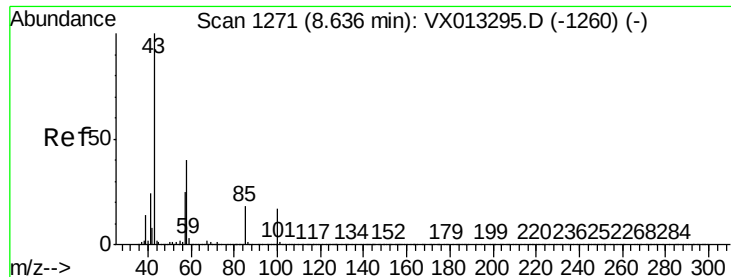


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 240.519 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

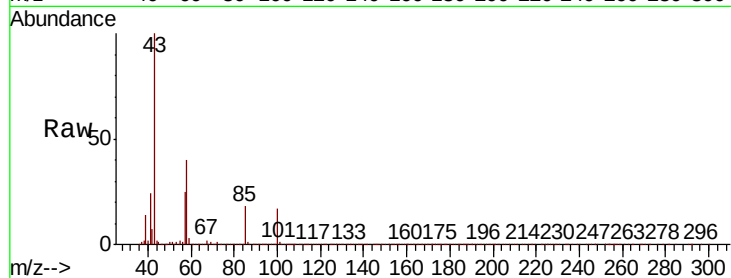
VSTDCCC050EC

Tot Ion: 43 Resp: 2838569

Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000000

1500000

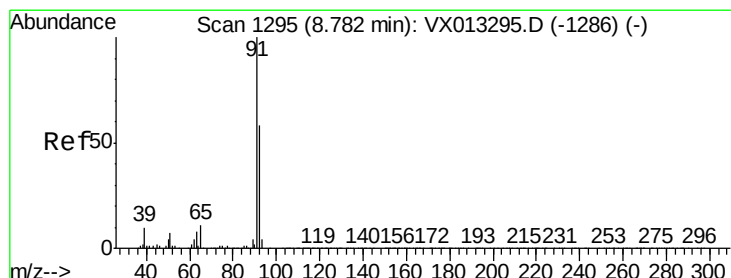
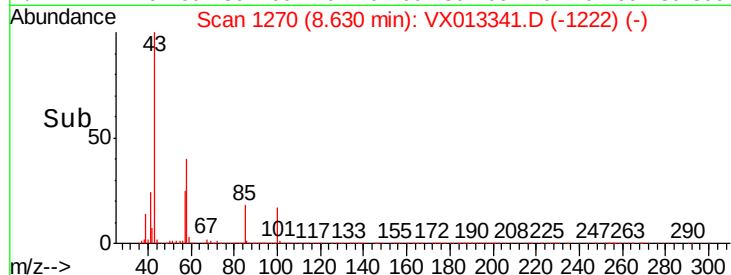
1000000

500000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 52.535 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013341.D

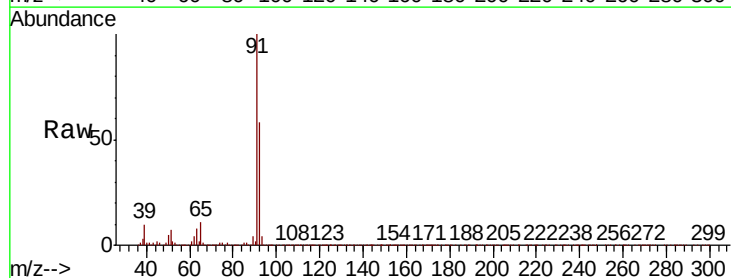
Acq: 06 Nov 2019 15:01

Tgt Ion: 92 Resp: 948204

Ion Ratio Lower Upper

92 100

91 172.0 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1200000

1000000

800000

600000

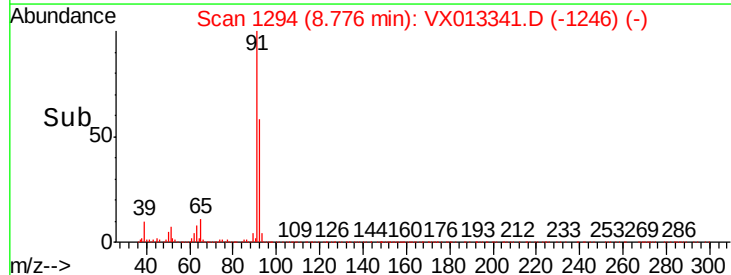
400000

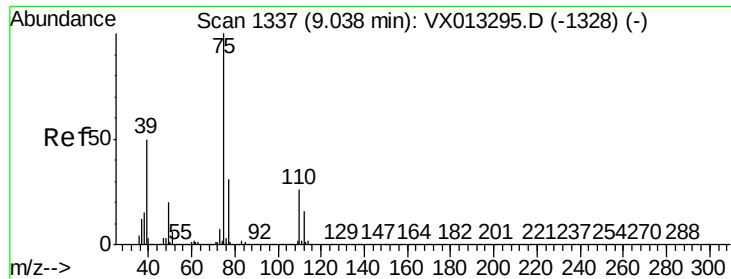
200000

0

8.70 8.75 8.80 8.85

Time-->

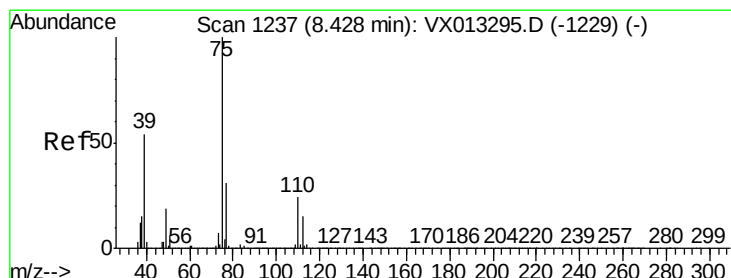
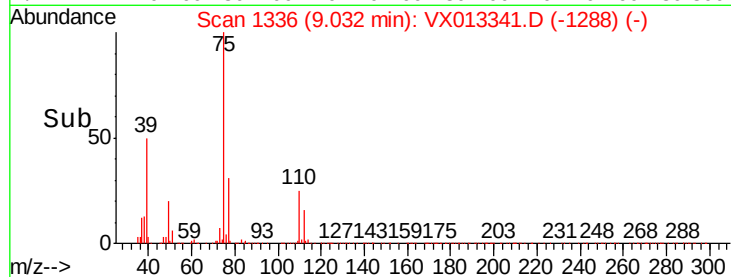
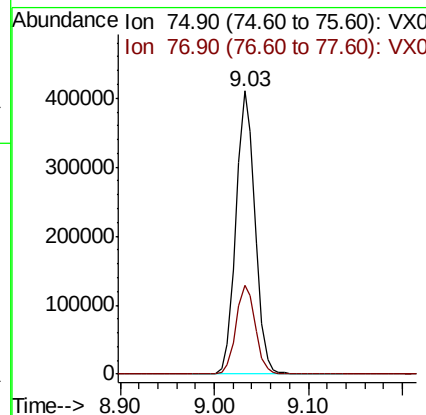
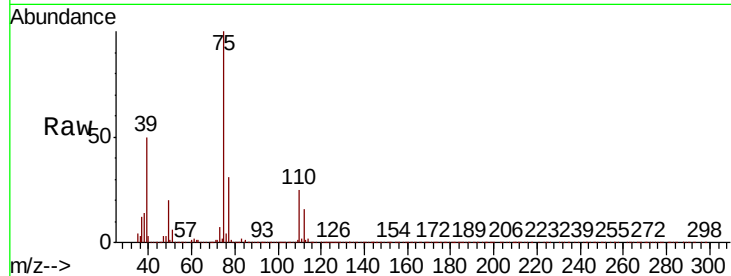




#53
 t-1,3-Dichloropropene
 Concen: 55.212 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

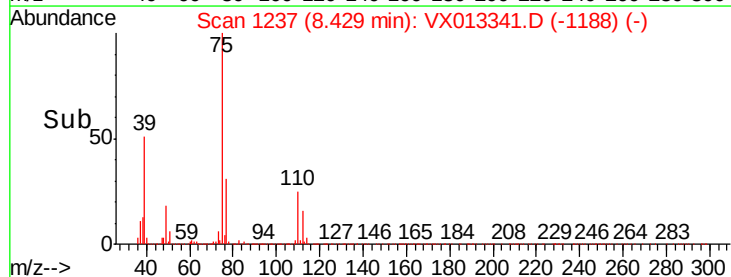
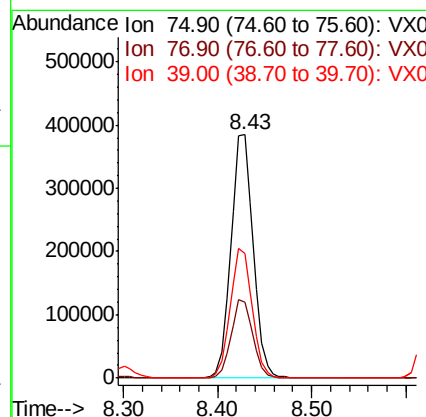
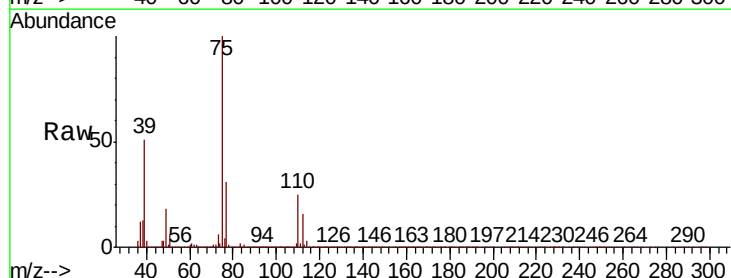
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

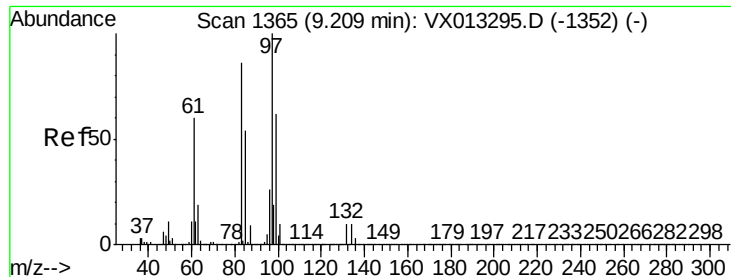
Tot Ion: 75 Resp: 576758
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.821 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion: 75 Resp: 628913
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.7 37.1
 39 50.8 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 51.366 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 384273

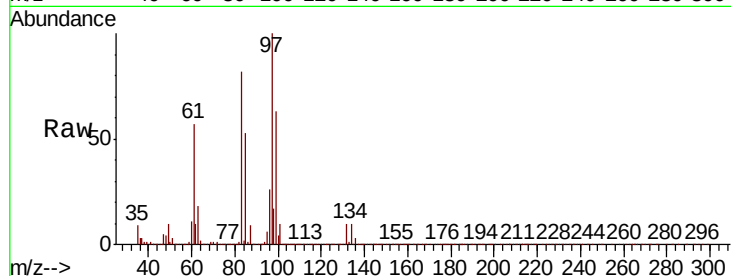
Ion Ratio Lower Upper

97 100

83 82.3 68.6 103.0

85 53.4 43.1 64.7

99 63.3 49.4 74.0

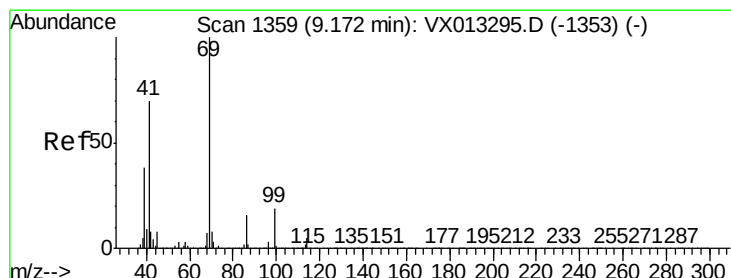
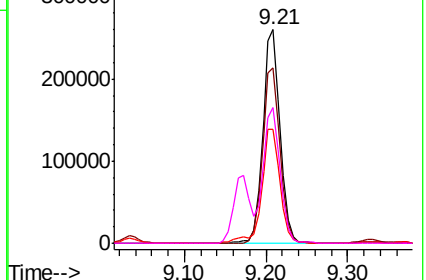
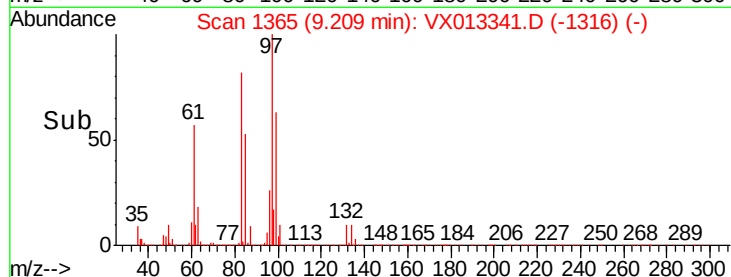


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.777 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

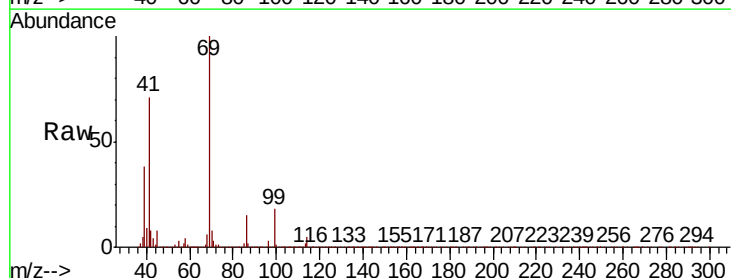
Tgt Ion: 69 Resp: 622465

Ion Ratio Lower Upper

69 100

41 68.6 56.2 84.2

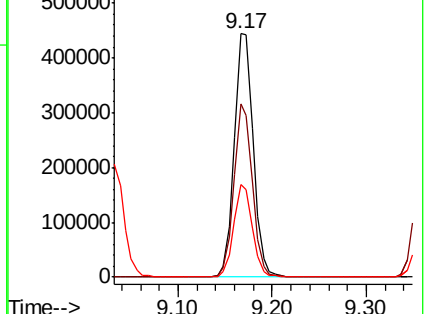
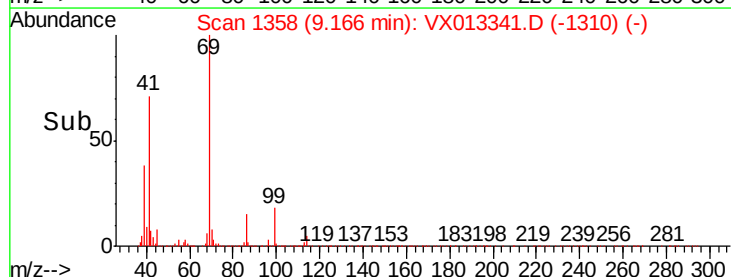
39 36.8 31.1 46.7

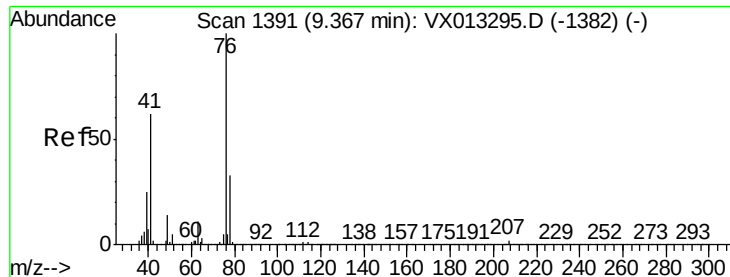


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.919 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

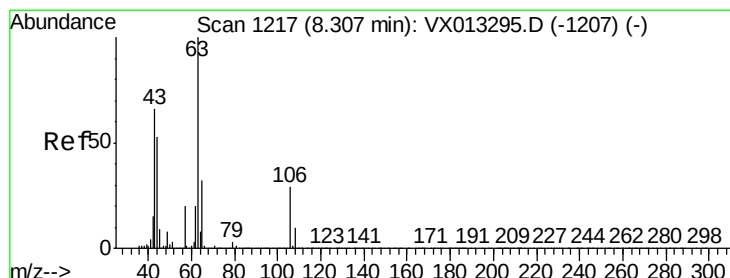
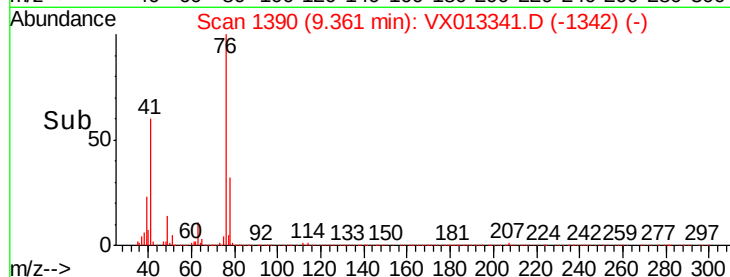
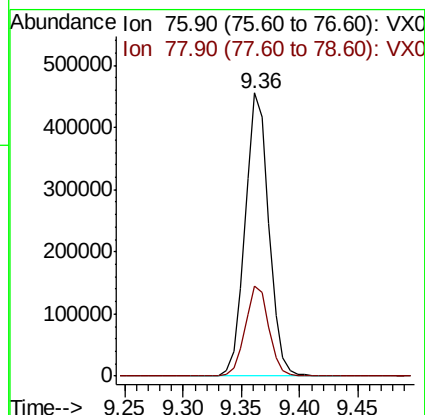
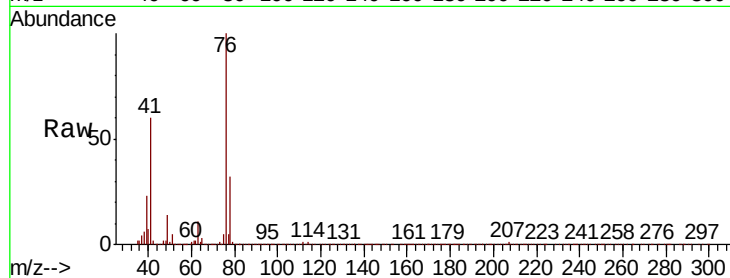
VSTDCCC050EC

Tot Ion: 76 Resp: 646637

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 257.166 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013341.D

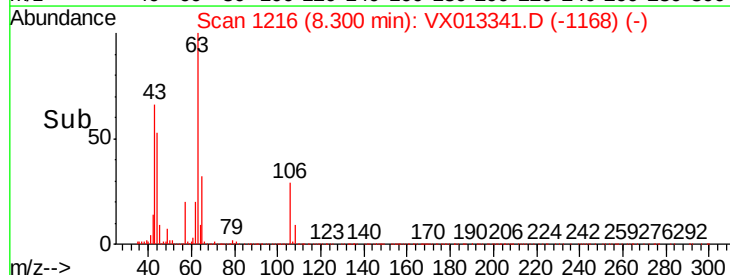
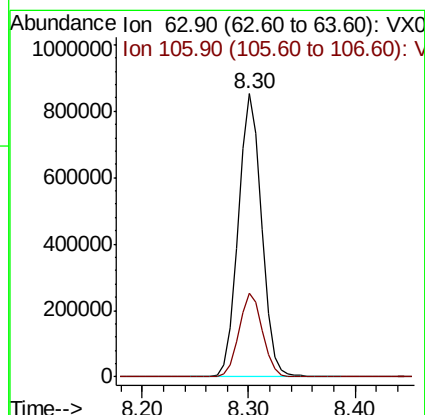
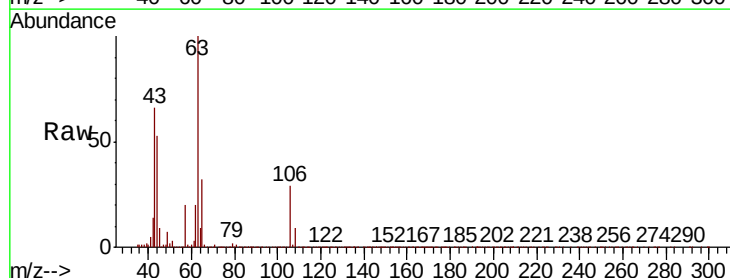
Acq: 06 Nov 2019 15:01

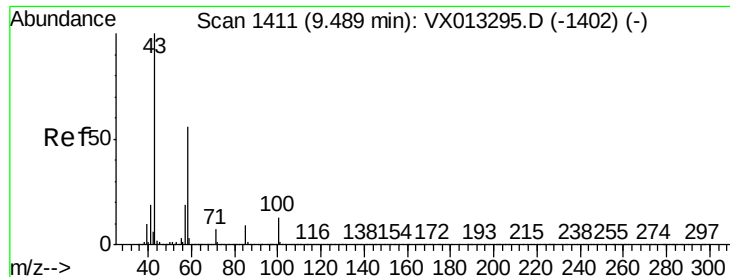
Tgt Ion: 63 Resp: 1315453

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2

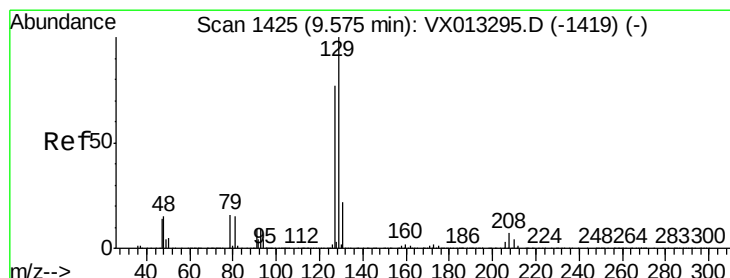
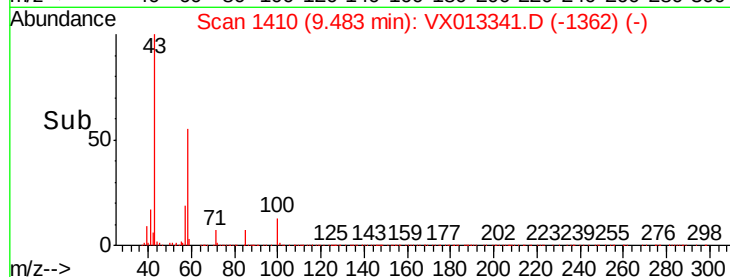
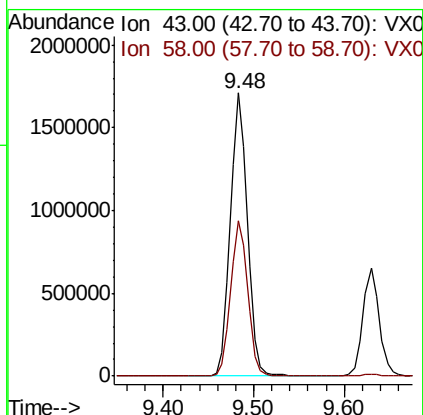
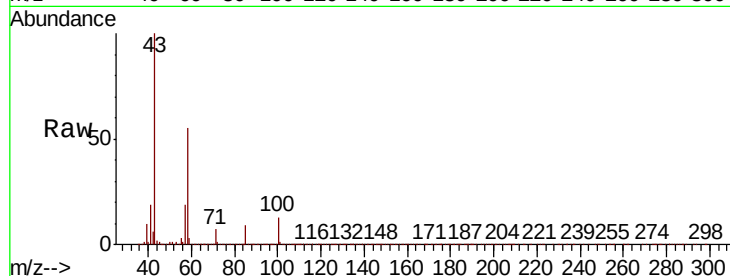




#59
2-Hexanone
Concen: 245.227 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

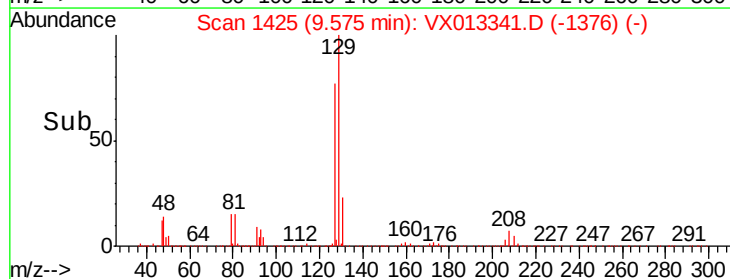
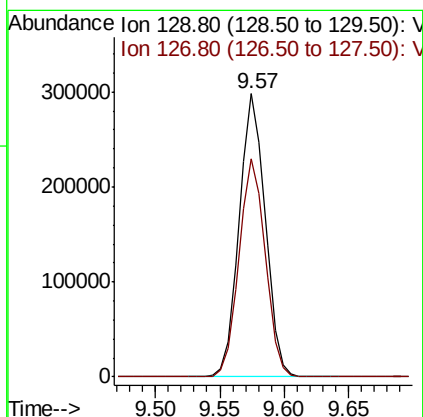
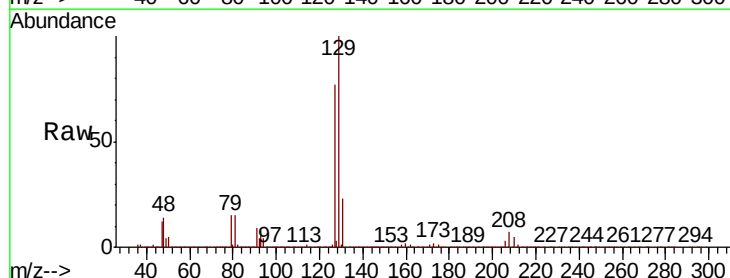
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

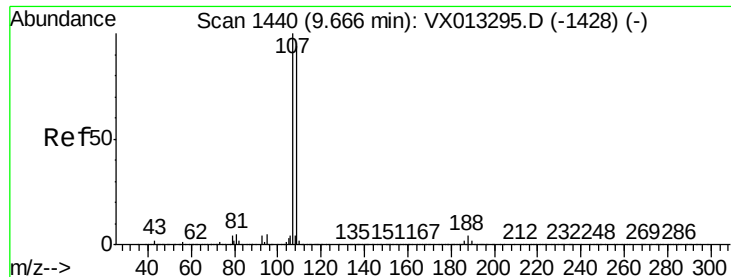
Tot Ion: 43 Resp: 2236522
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 54.702 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion: 129 Resp: 418527
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.240 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

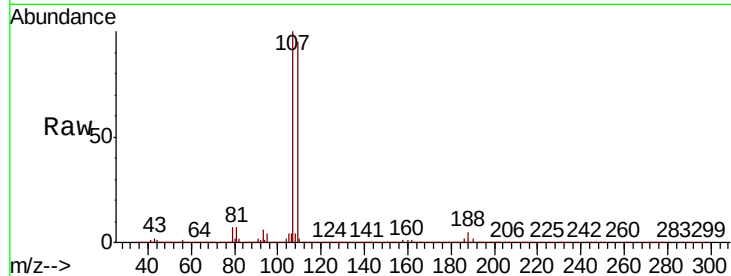
VSTDCCC050EC

Tot Ion:107 Resp: 407046

Ion Ratio Lower Upper

107 100

109 93.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

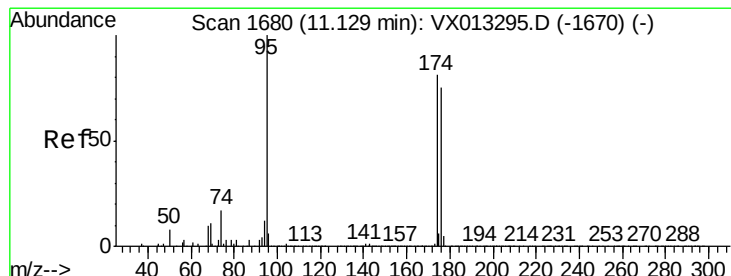
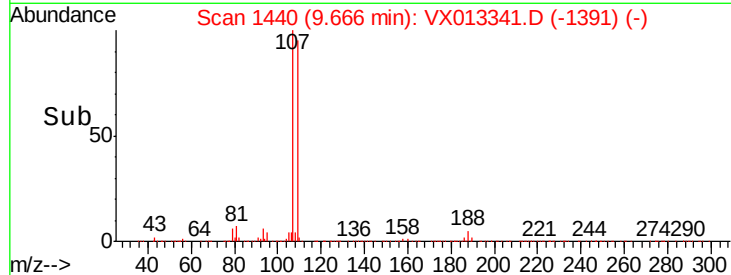
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.989 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

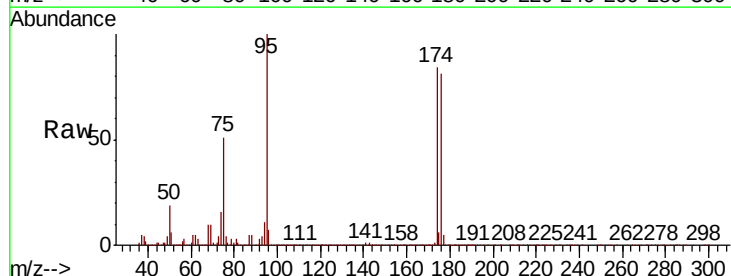
Tgt Ion: 95 Resp: 455575

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 86.8 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

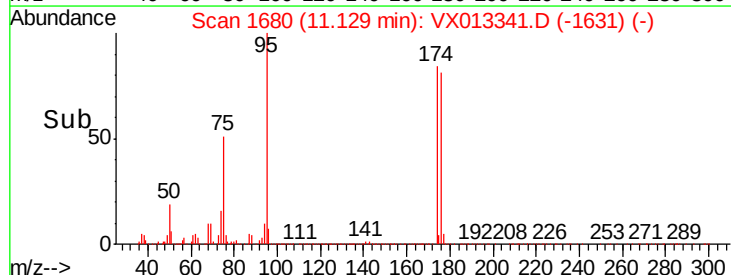
300000

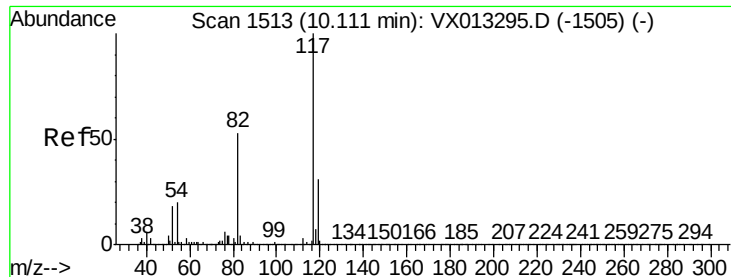
200000

100000

0

Time-->

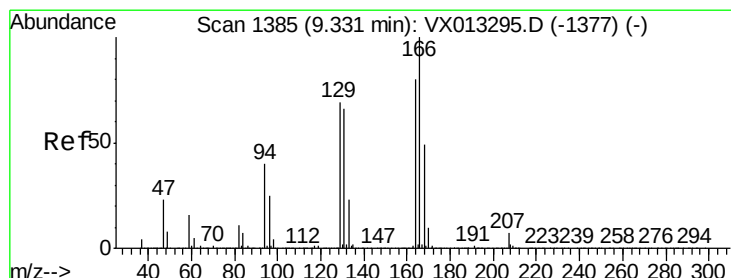
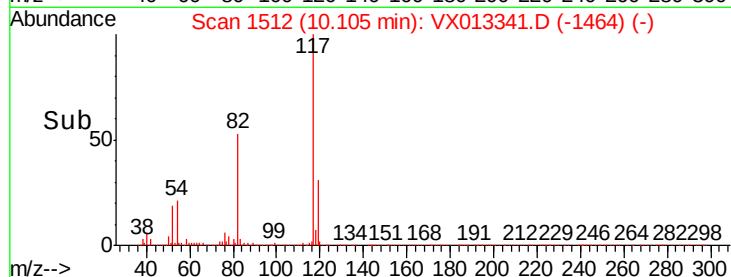
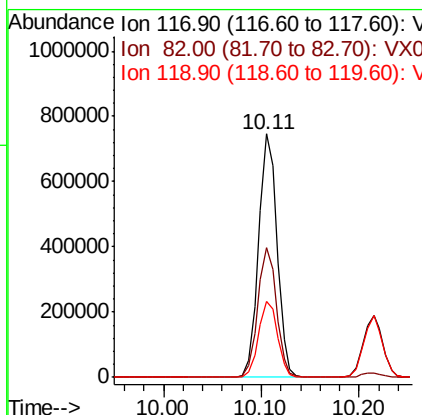
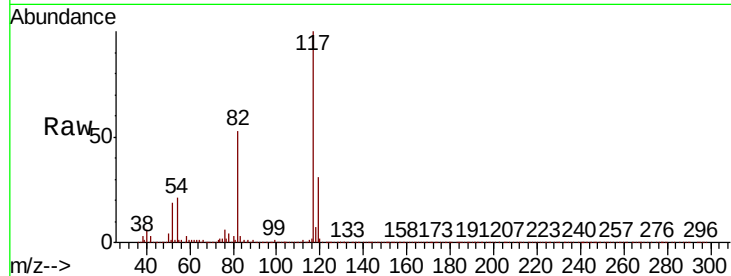




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

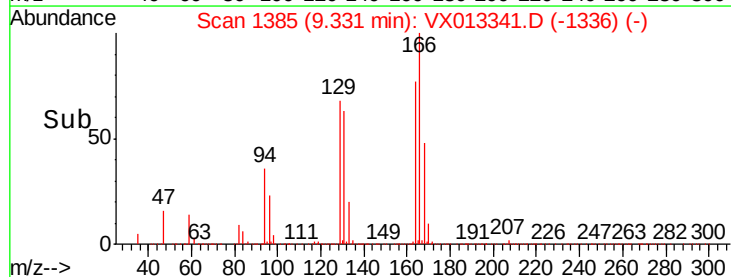
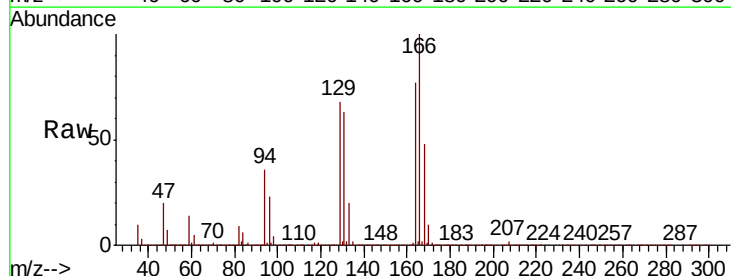
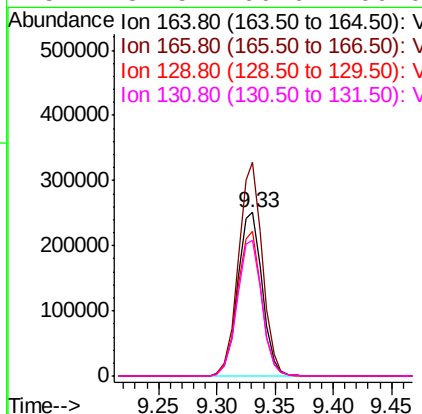
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

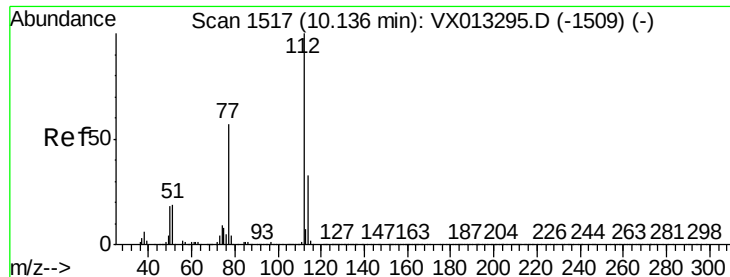
Tot Ion:117 Resp: 983444
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 31.3 24.8 37.2



#64
Tetrachloroethene
Concen: 52.188 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion:164 Resp: 367413
Ion Ratio Lower Upper
164 100
166 130.5 100.4 150.6
129 88.1 69.4 104.2
131 82.5 66.6 100.0





#65

Chlorobenzene

Concen: 51.946 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

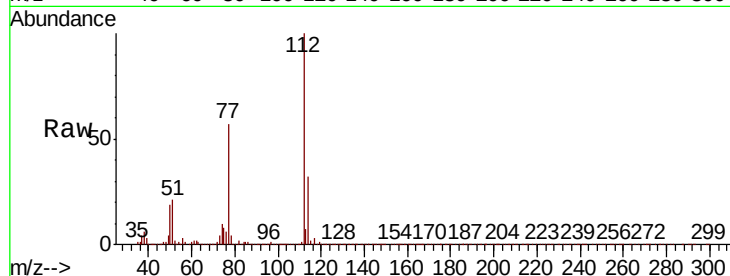
VSTDCCC050EC

Tot Ion:112 Resp: 1034261

Ion Ratio Lower Upper

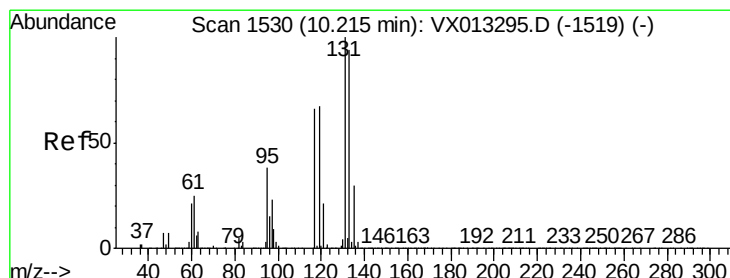
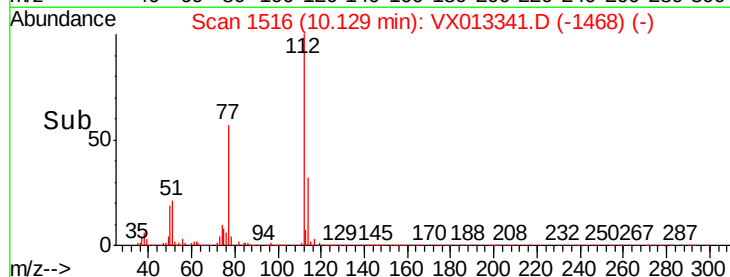
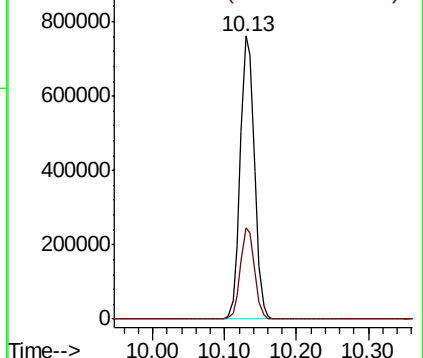
112 100

114 32.3 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.047 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

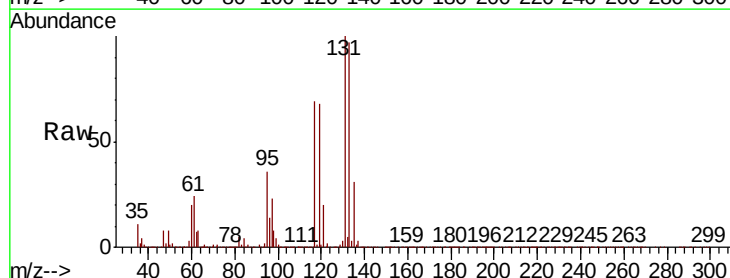
Tgt Ion:131 Resp: 380493

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.0

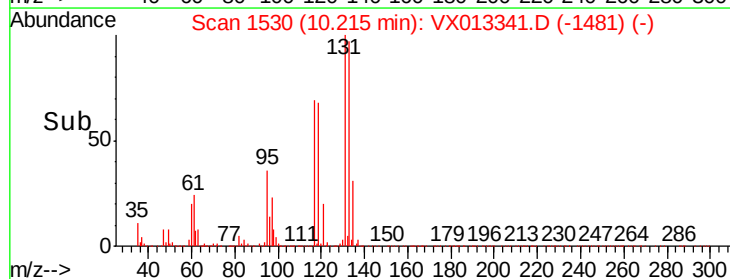
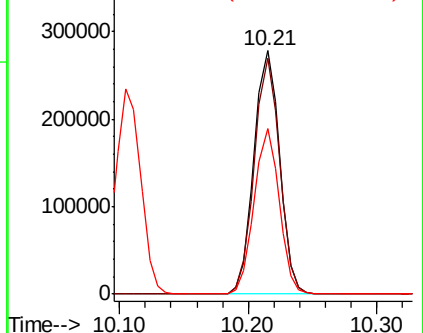
119 66.4 33.0 99.0

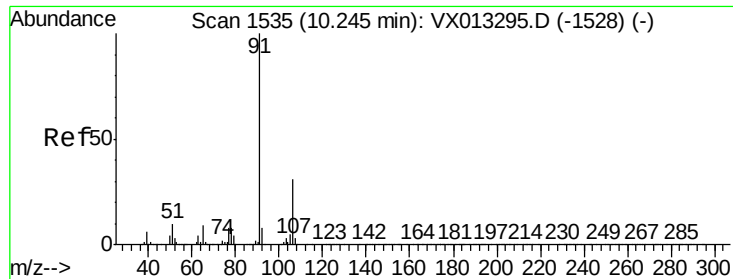


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

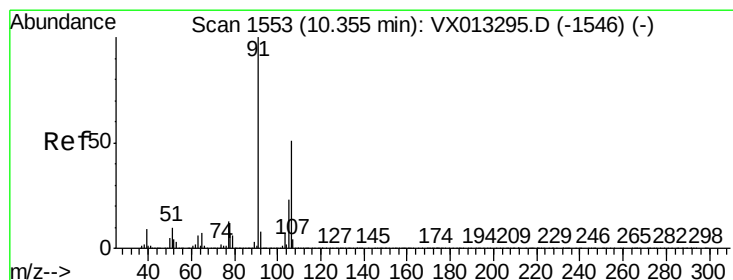
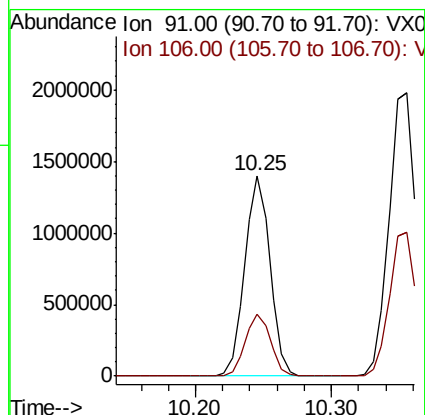
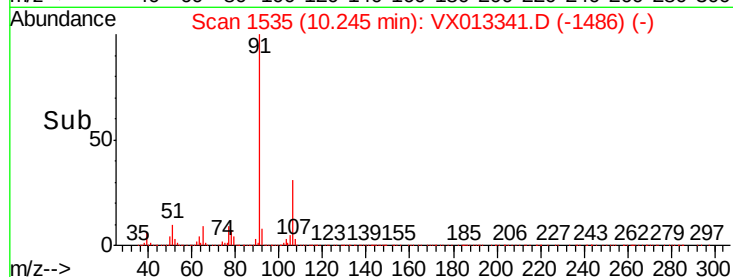
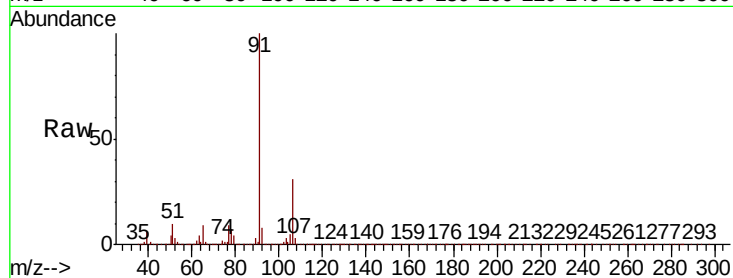




#67
Ethyl Benzene
Concen: 52.875 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

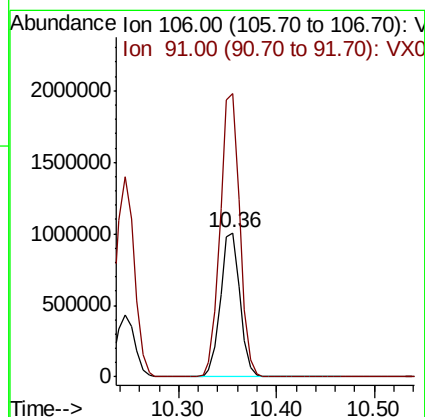
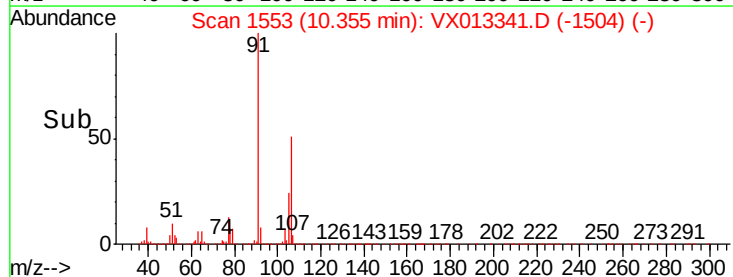
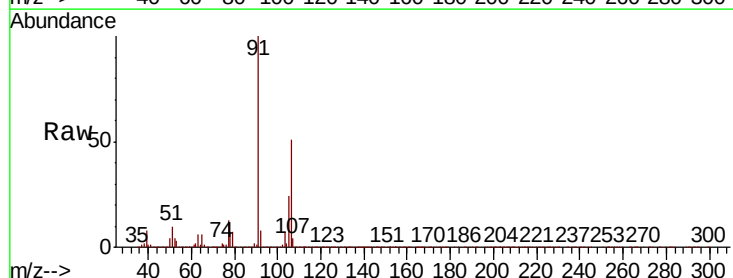
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

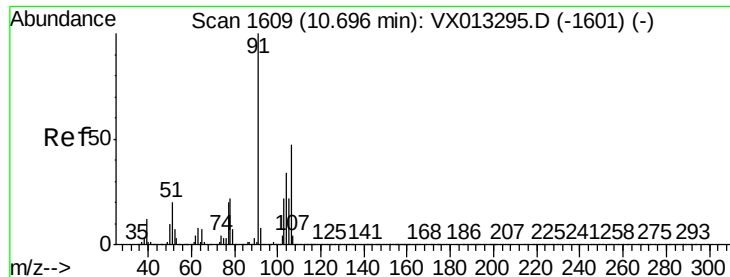
Tot Ion: 91 Resp: 1816943
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 106.605 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion: 106 Resp: 1385418
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9

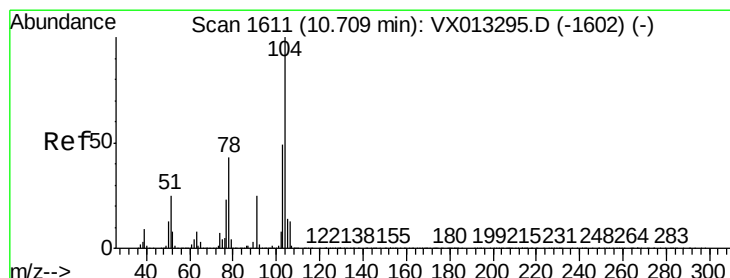
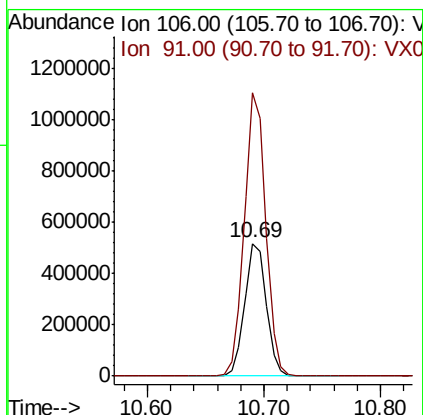
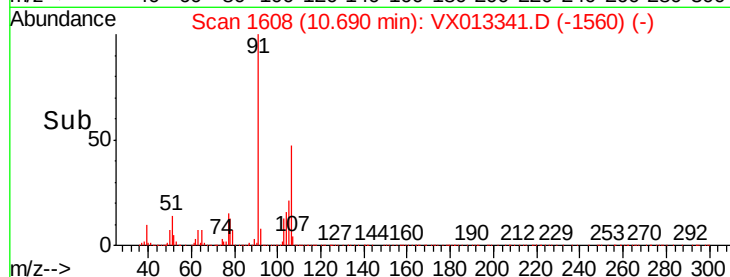
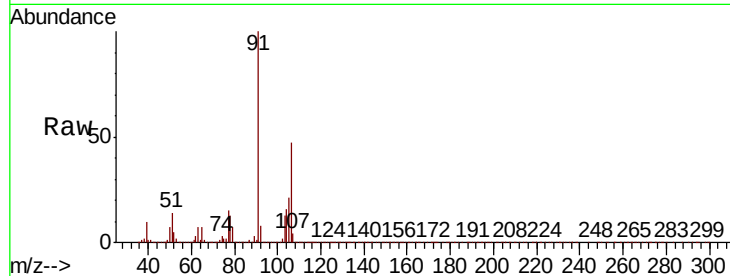




#69
o-Xylene
Concen: 52.950 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

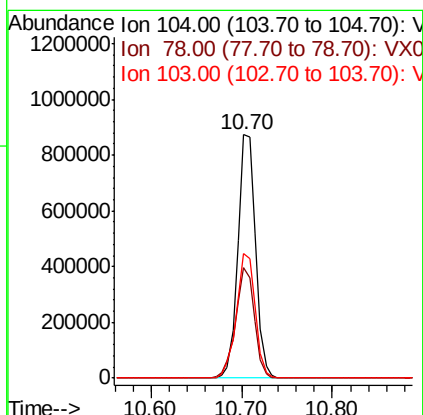
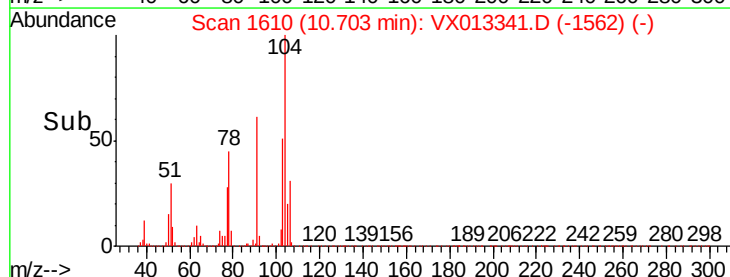
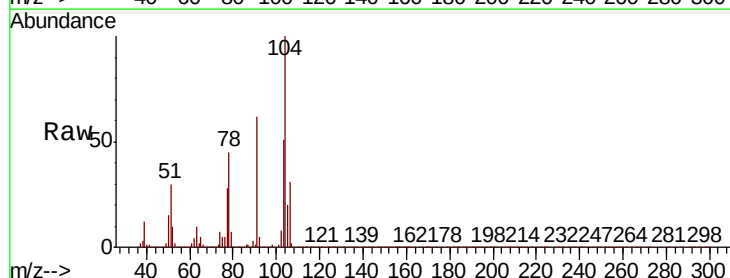
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

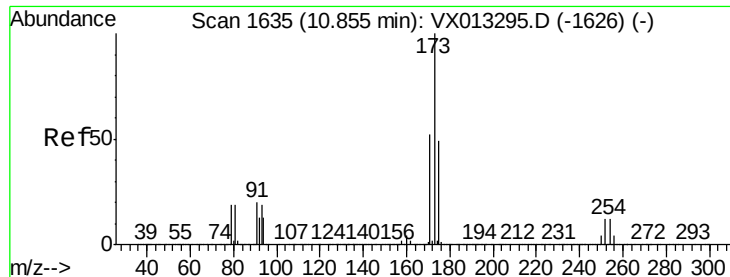
Tot Ion:106 Resp: 673695
Ion Ratio Lower Upper
106 100
91 211.4 105.7 317.0



#70
Styrene
Concen: 55.310 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion:104 Resp: 1176353
Ion Ratio Lower Upper
104 100
78 48.1 40.0 60.0
103 54.8 44.1 66.1





#71

Bromoform

Concen: 48.068 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

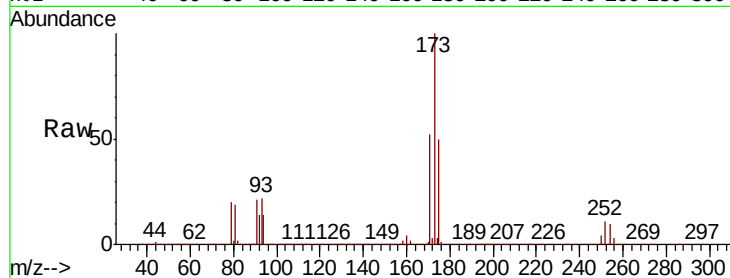
Tot Ion:173 Resp: 324926

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.4

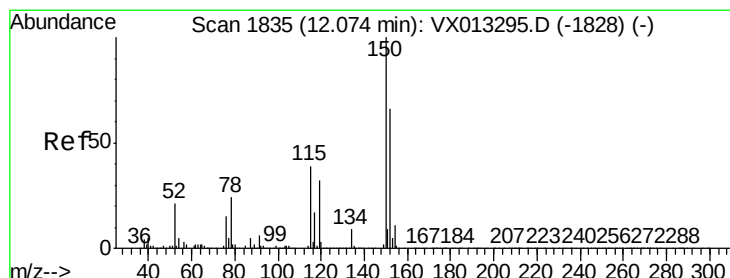
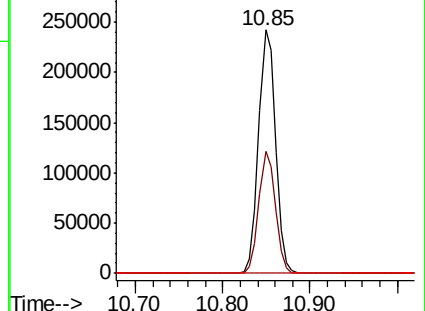
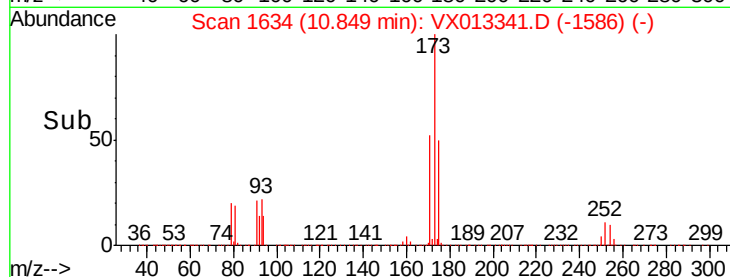
254 0.2 0.2 0.2#



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: VX013341.D

Acq: 06 Nov 2019 15:01

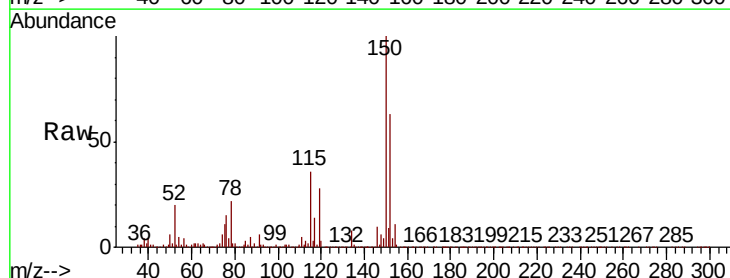
Tgt Ion:152 Resp: 503766

Ion Ratio Lower Upper

152 100

115 79.5 39.5 118.3

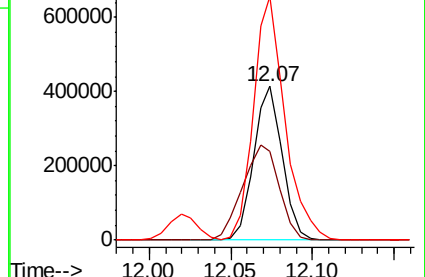
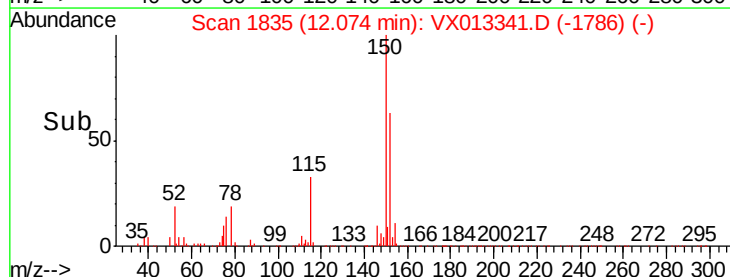
150 174.7 0.0 344.4

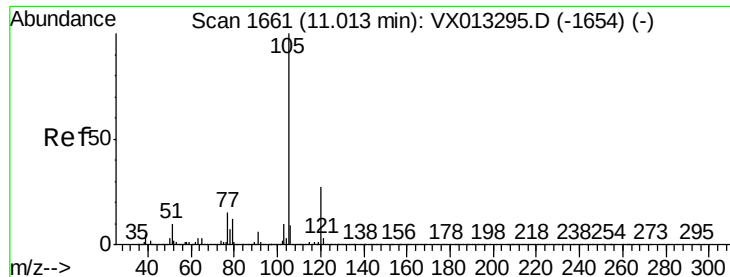


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

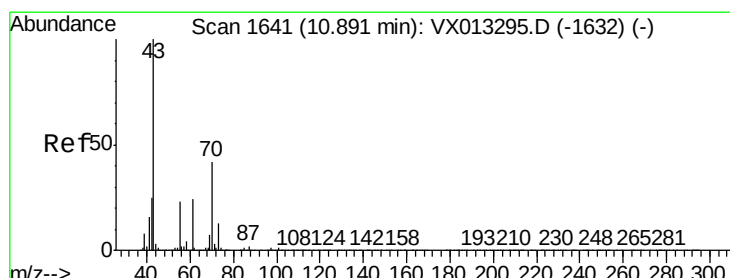
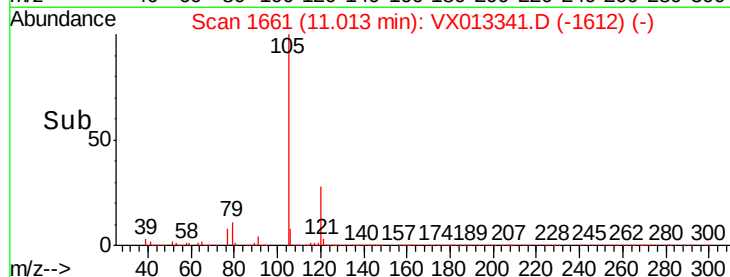
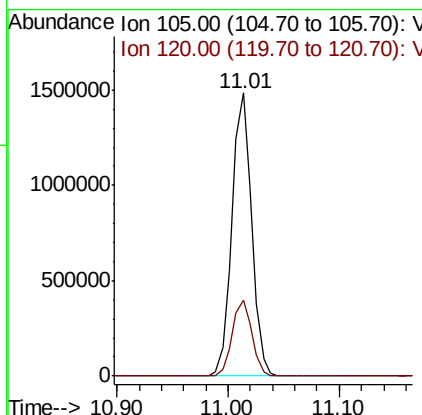
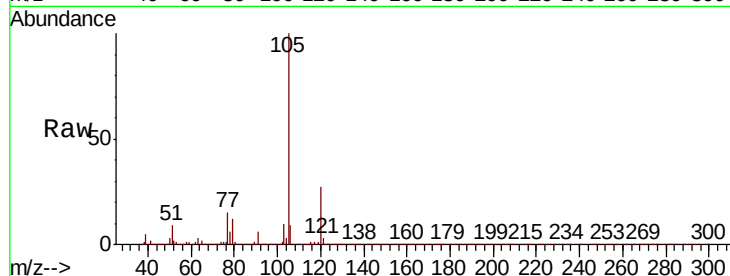




#73
Isopropylbenzene
Concen: 54.116 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

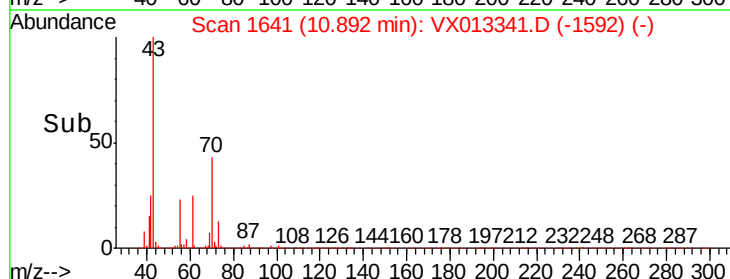
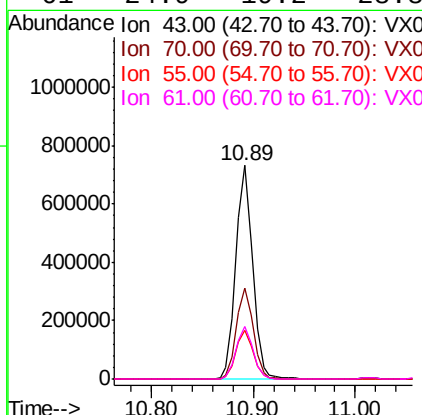
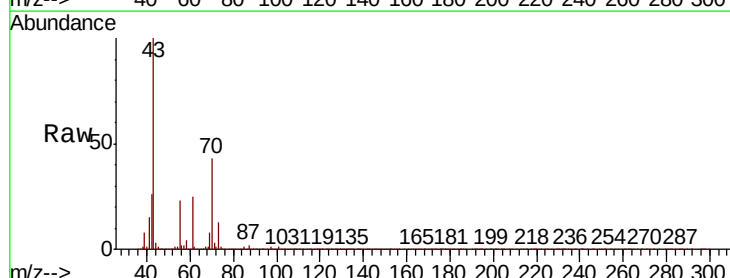
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

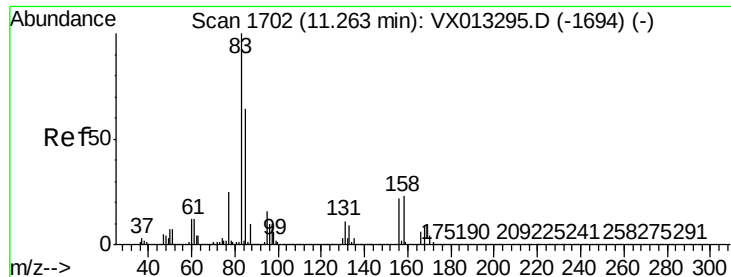
Tot Ion:105 Resp: 1807494
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5



#74
N-ethyl acetate
Concen: 53.140 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion: 43 Resp: 823065
Ion Ratio Lower Upper
43 100
70 43.3 34.1 51.1
55 23.5 18.9 28.3
61 24.9 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.919 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

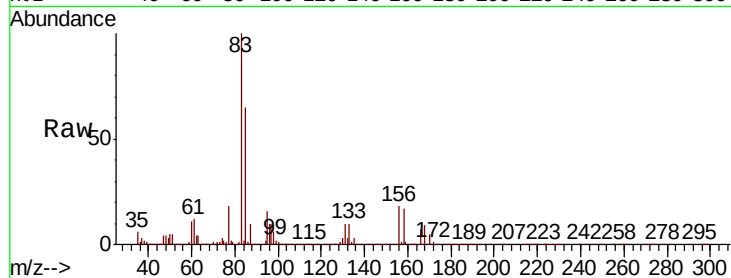
Tot Ion: 83 Resp: 608265

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

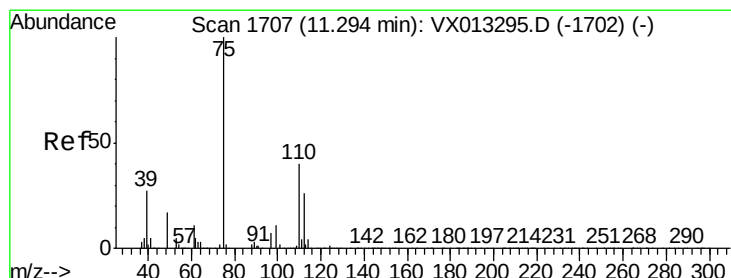
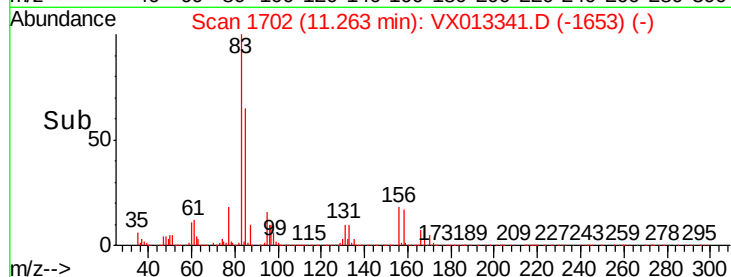
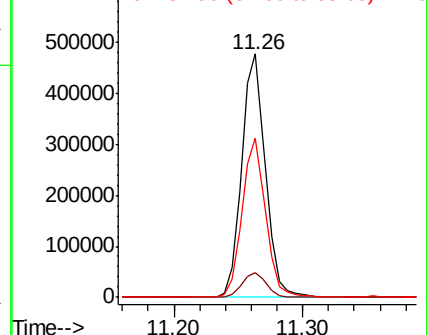
85 65.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.377 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013341.D

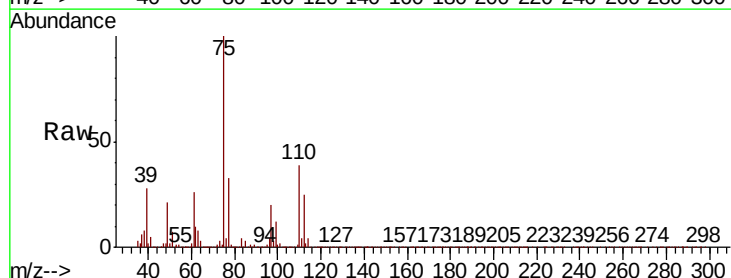
Acq: 06 Nov 2019 15:01

Tgt Ion: 75 Resp: 699646

Ion Ratio Lower Upper

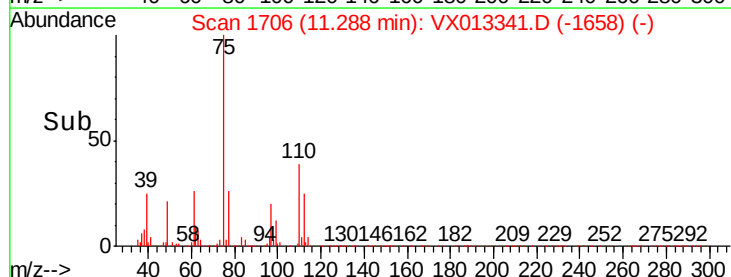
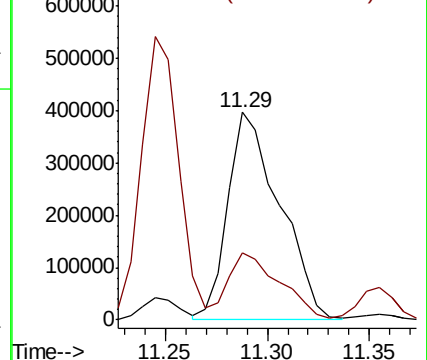
75 100

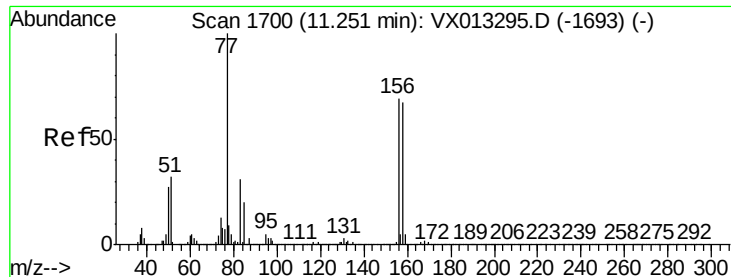
77 32.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.182 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

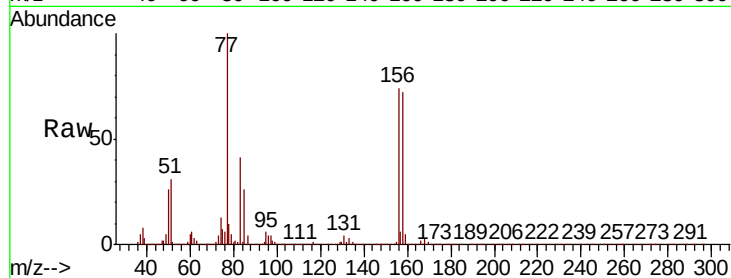
Tot Ion:156 Resp: 473543

Ion Ratio Lower Upper

156 100

77 145.4 75.8 227.4

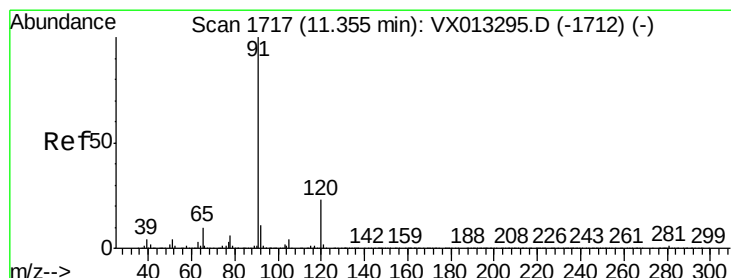
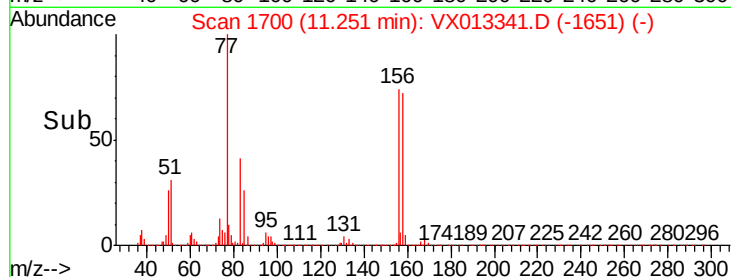
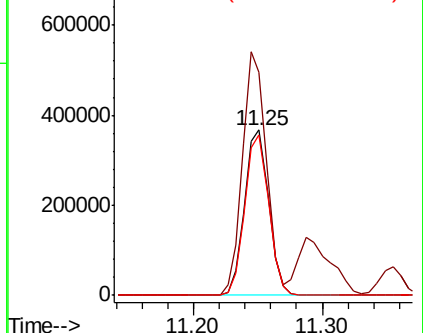
158 96.3 47.6 142.8



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: 55.755 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013341.D

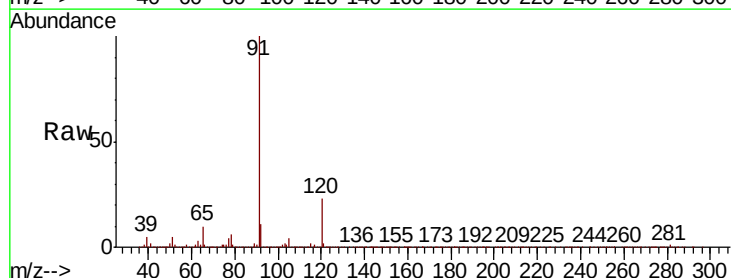
Acq: 06 Nov 2019 15:01

Tgt Ion: 91 Resp: 2074423

Ion Ratio Lower Upper

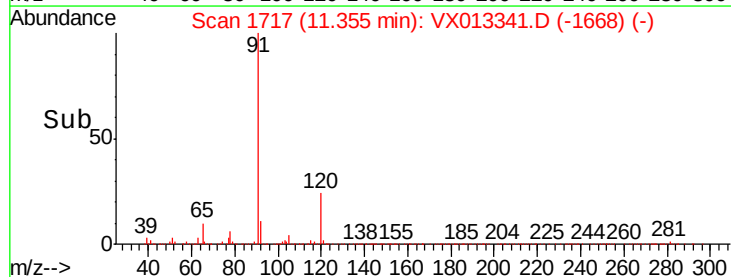
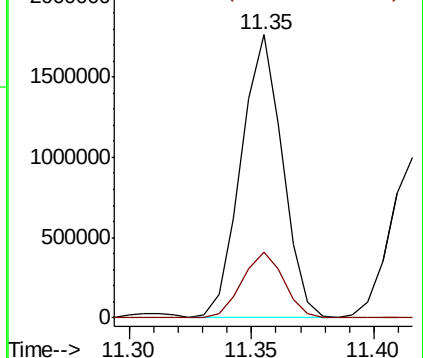
91 100

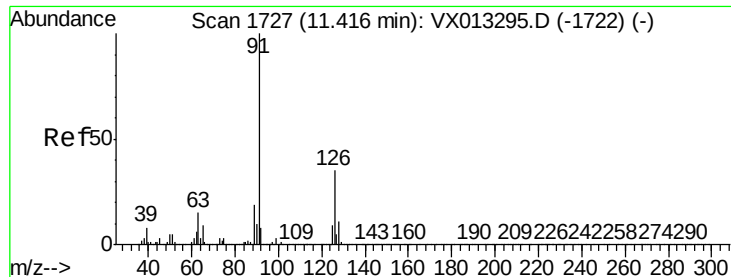
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

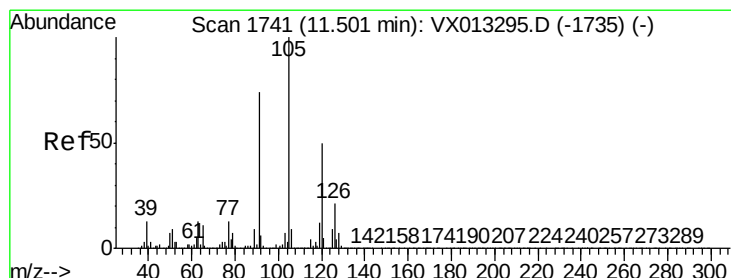
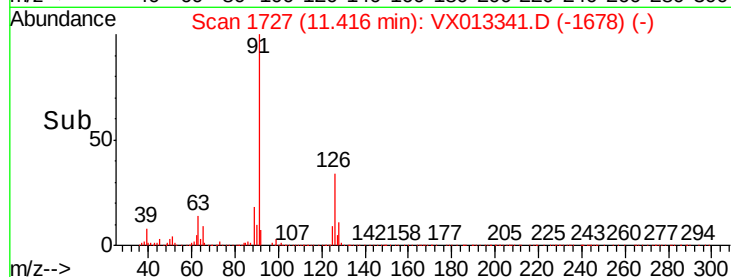
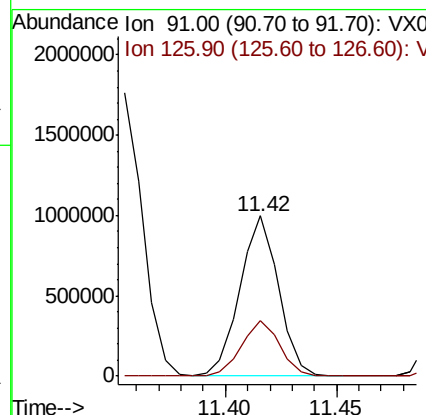
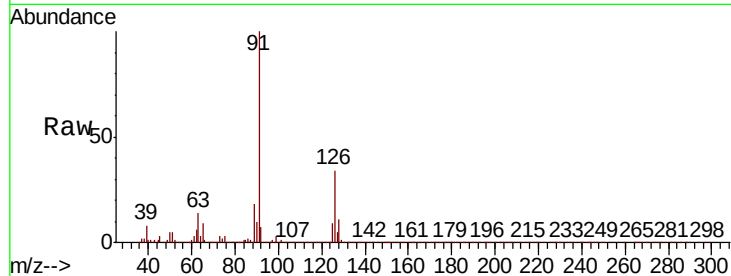




#79
2-Chlorotoluene
Concen: 53.552 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

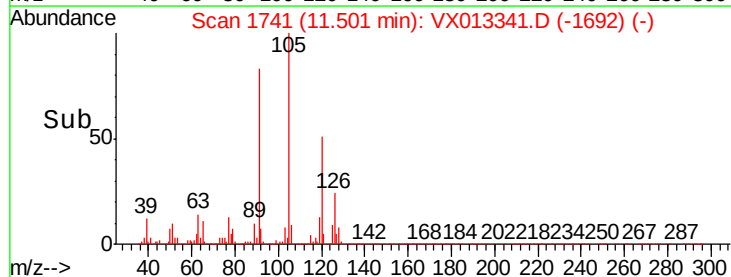
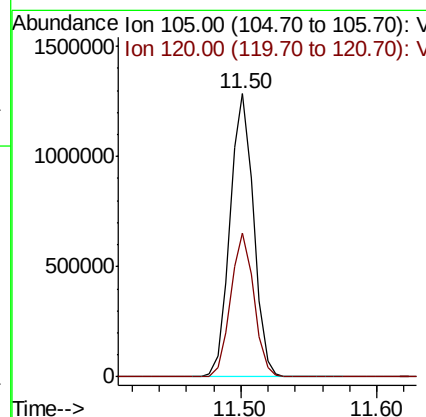
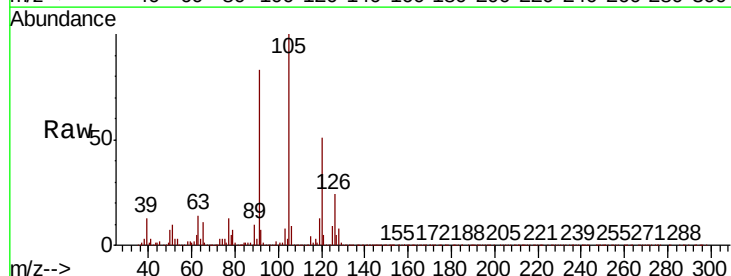
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

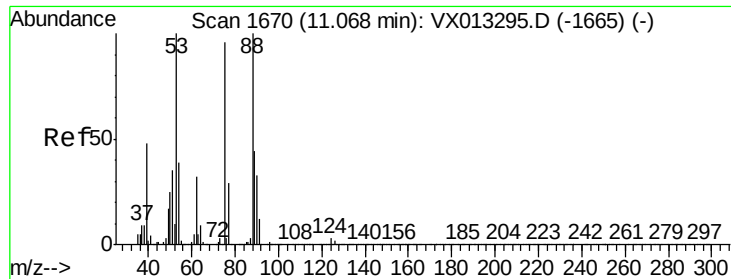
Tot Ion: 91 Resp: 1200452
Ion Ratio Lower Upper
91 100
126 34.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 55.232 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion: 105 Resp: 1536599
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.8

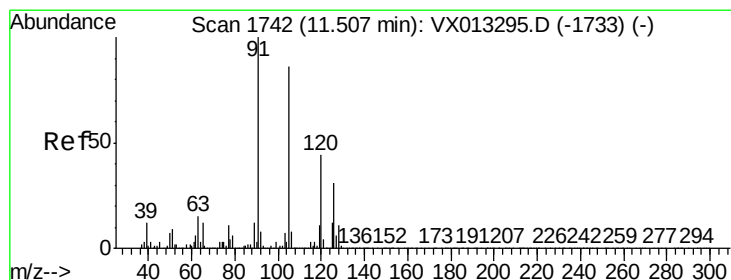
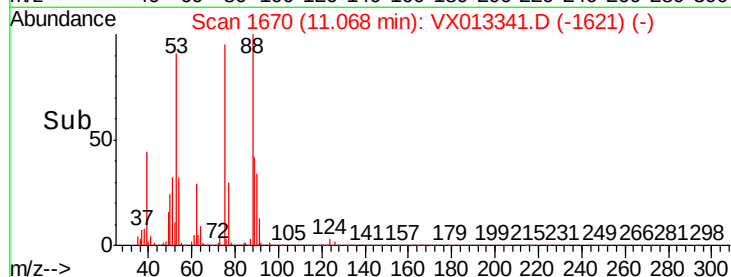
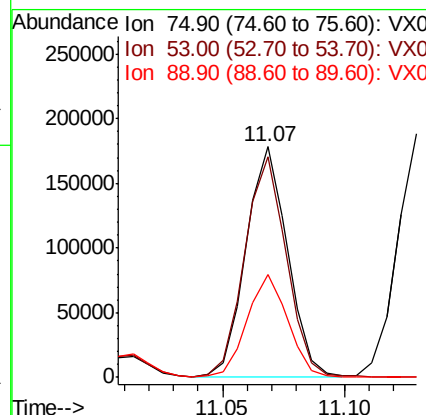
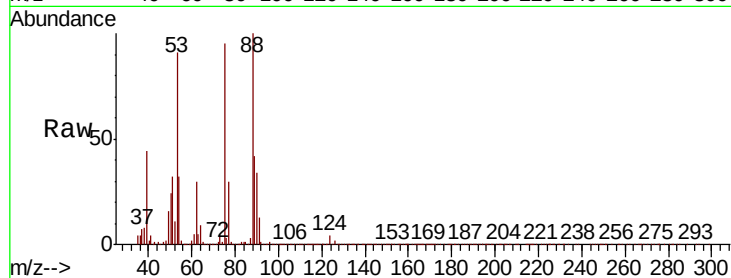




#81
trans-1,4-Dichloro-2-butene
Concen: 52.923 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

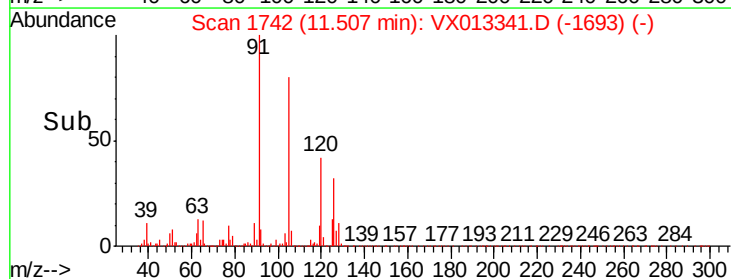
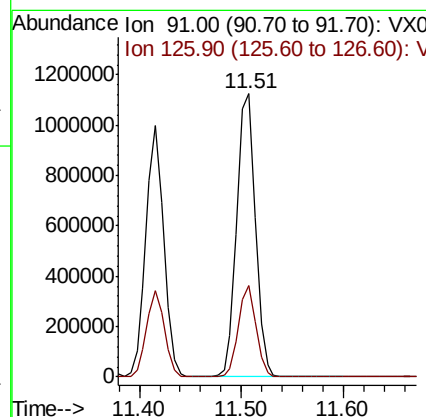
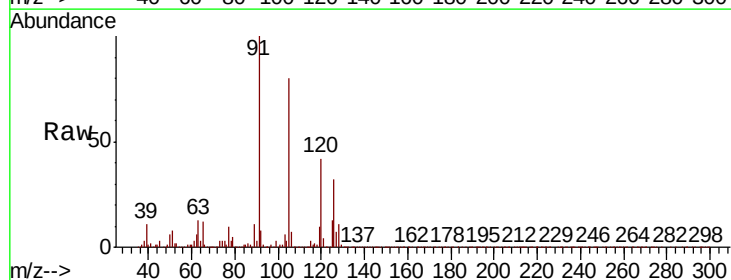
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

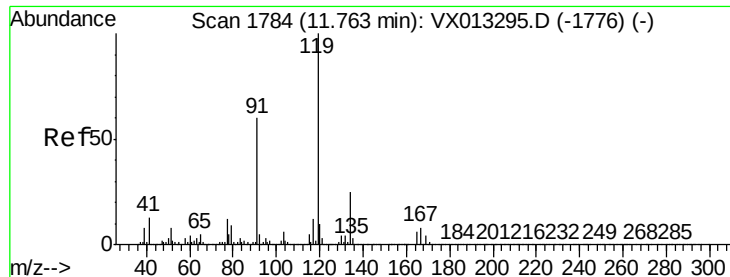
Tot Ion: 75 Resp: 210383
Ion Ratio Lower Upper
75 100
53 96.0 81.0 121.6
89 43.8 36.0 54.0



#82
4-Chlorotoluene
Concen: 53.833 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion: 91 Resp: 1412625
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.8

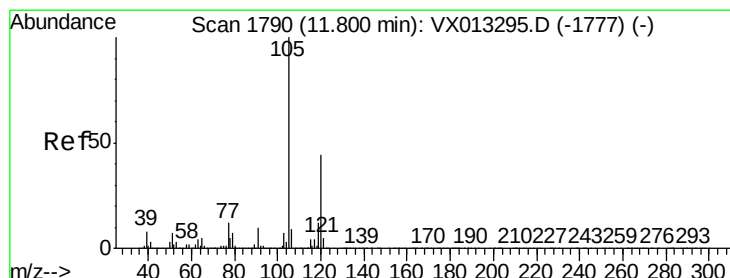
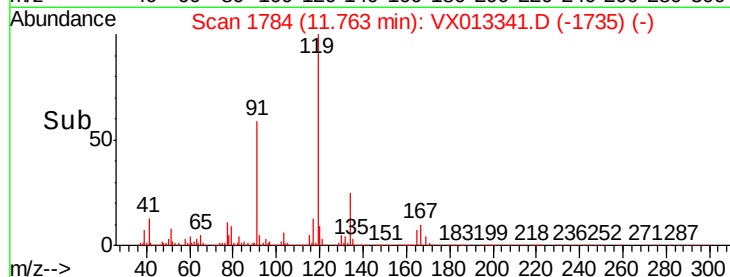
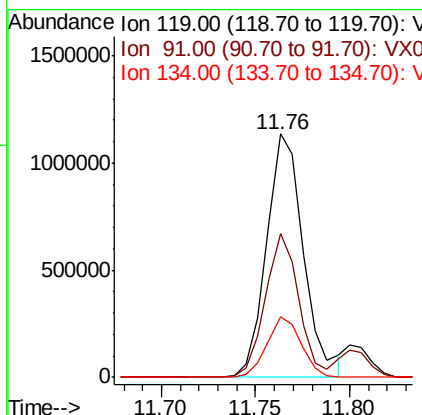
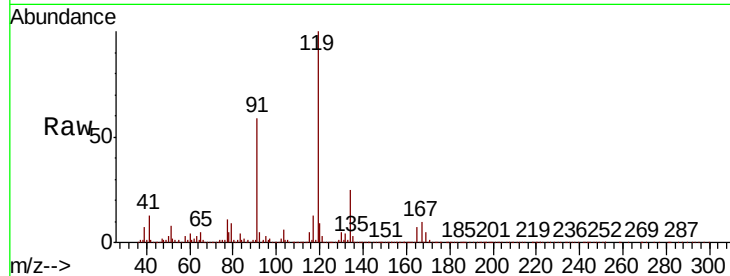




#83
tert-Butylbenzene
Concen: 55.075 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

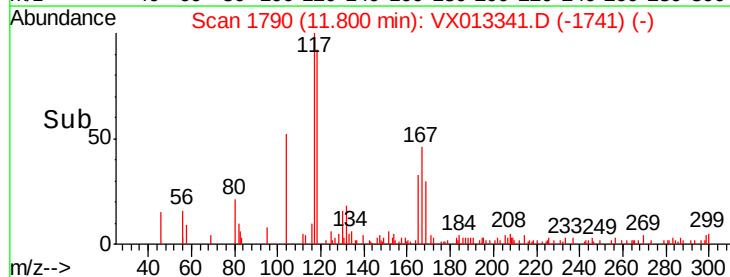
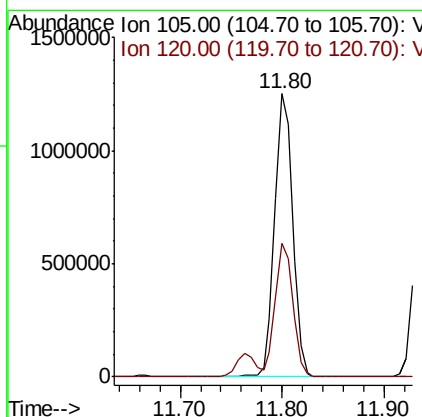
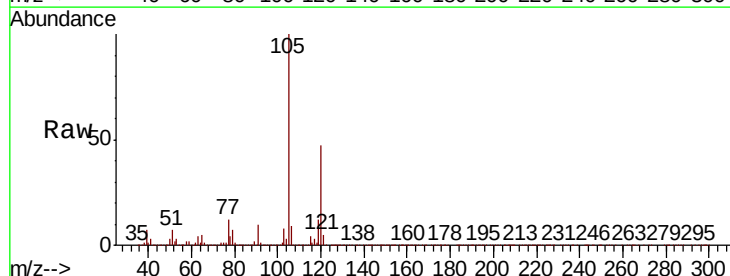
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

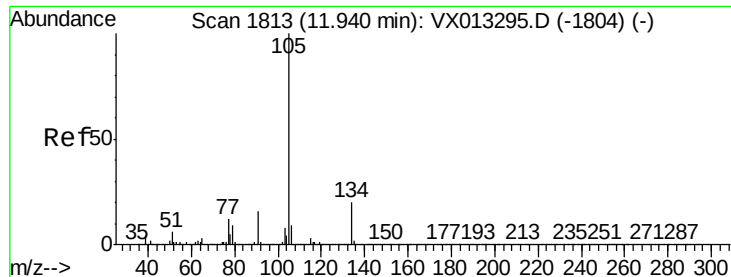
Tot Ion:119 Resp: 1542402
Ion Ratio Lower Upper
119 100
91 53.5 26.9 80.7
134 23.1 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 54.626 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion:105 Resp: 1524530
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 55.166 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

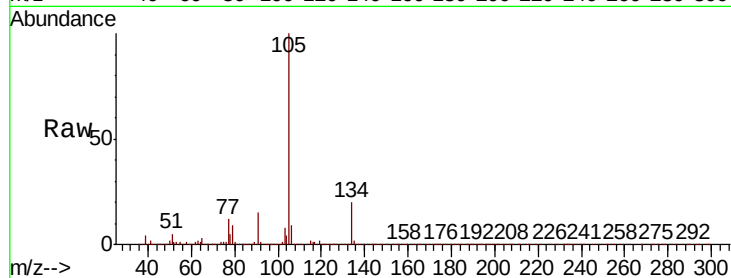
VSTDCCC050EC

Tot Ion:105 Resp: 1775601

Ion Ratio Lower Upper

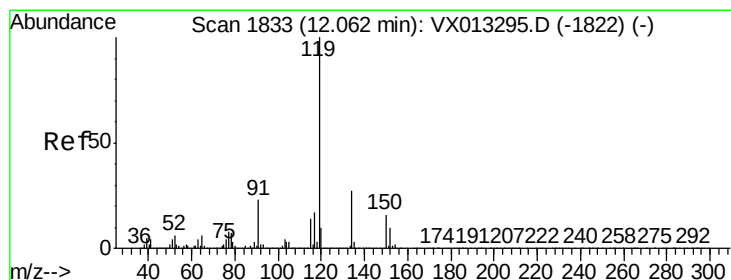
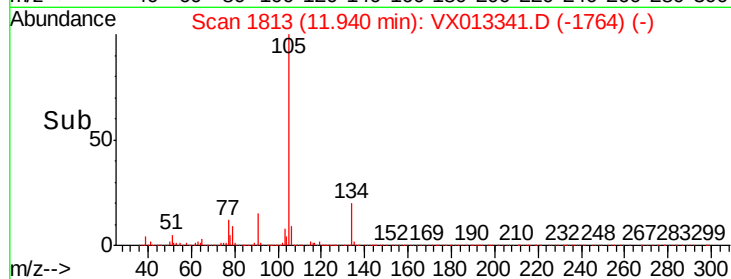
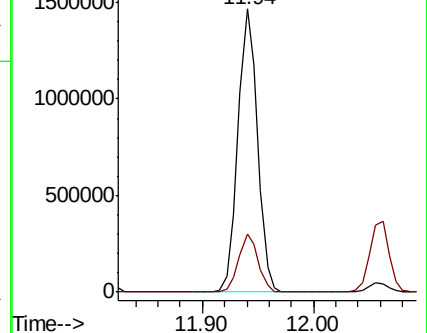
105 100

134 20.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.939 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

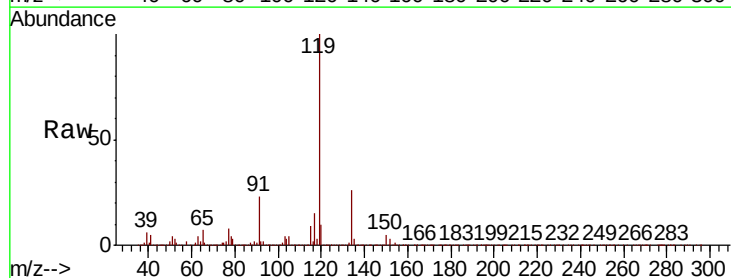
Tgt Ion:119 Resp: 1657940

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

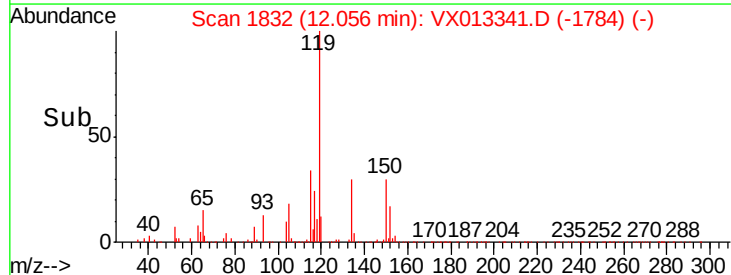
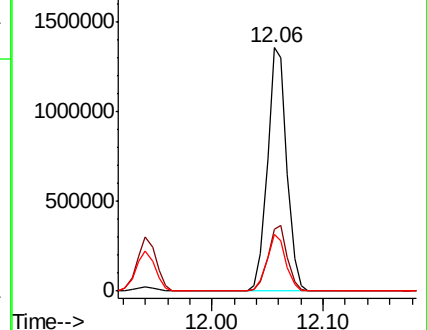
91 22.7 11.5 34.4

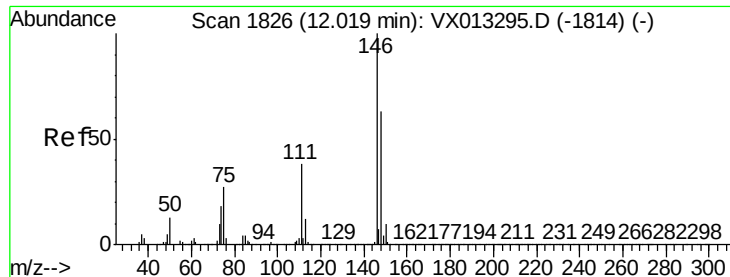


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

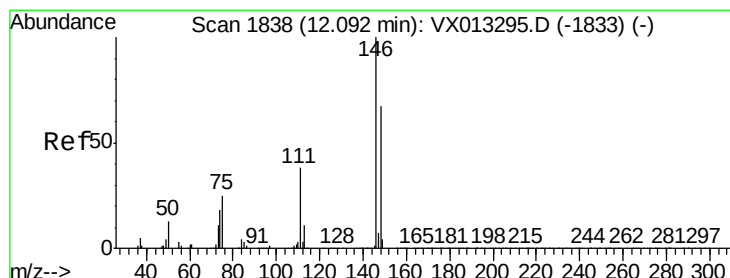
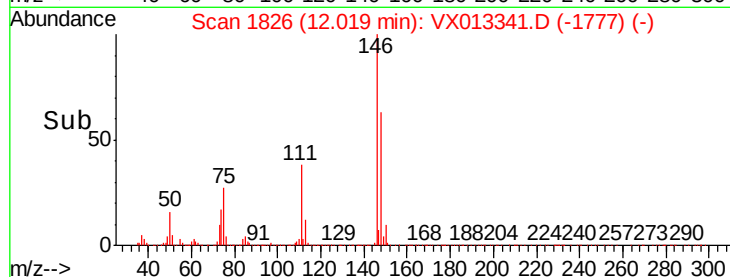
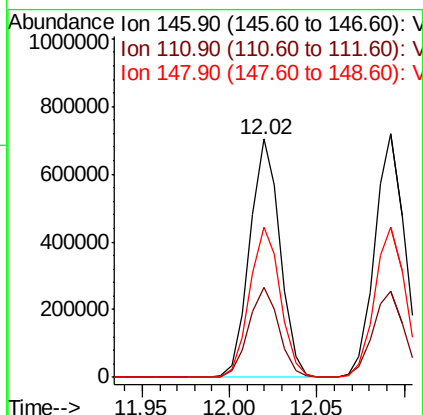
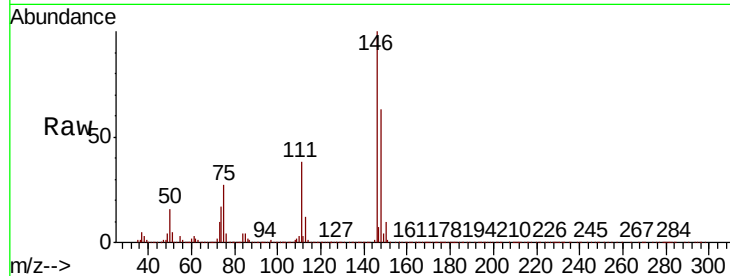




#87
 1,3-Dichlorobenzene
 Concen: 53.344 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

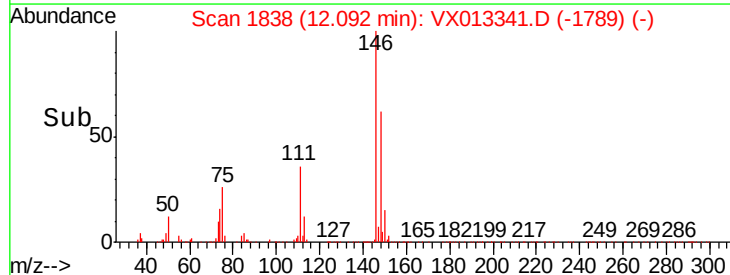
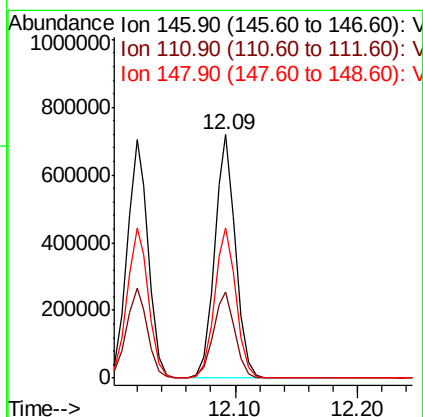
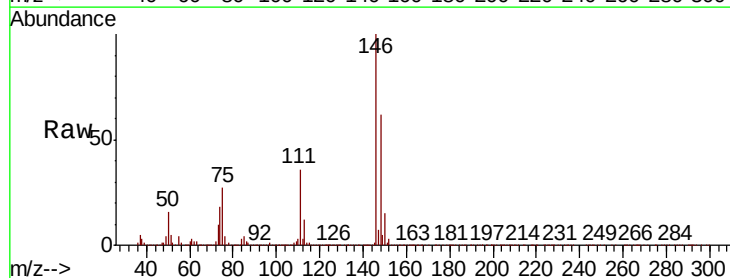
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

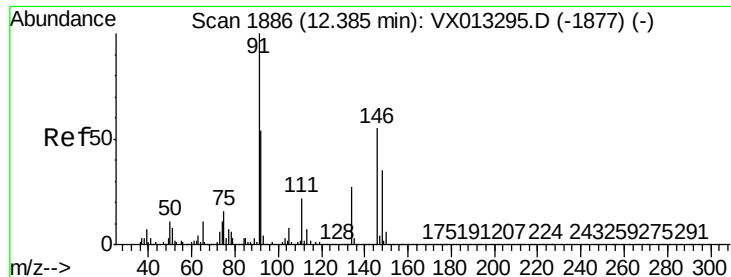
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	63.7	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.761 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.4
148	63.3	32.4	97.0





#89

n-Butylbenzene

Concen: 57.394 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

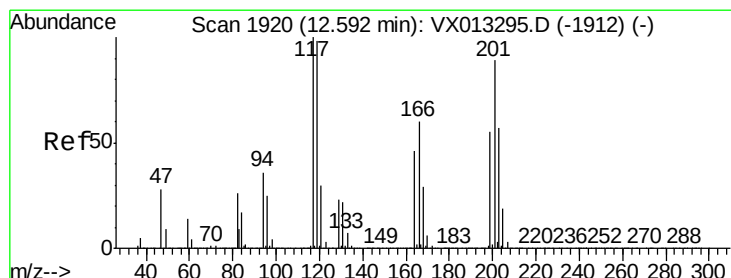
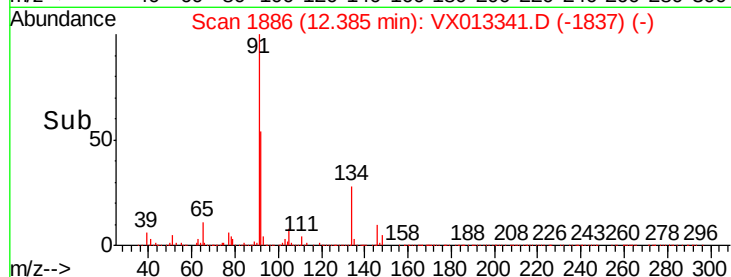
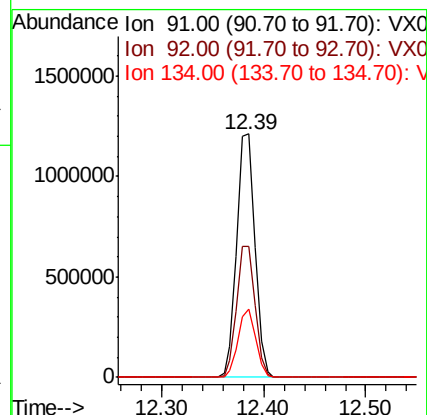
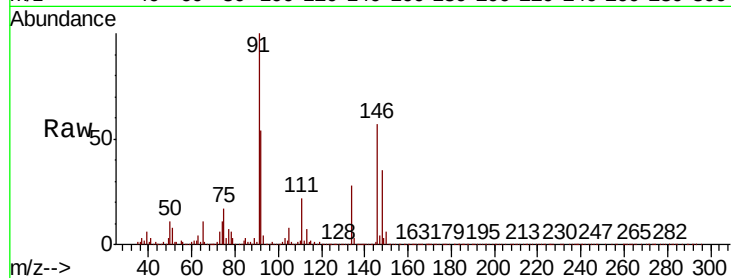
Tot Ion: 91 Resp: 1484307

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.3	81.8
134	27.1	13.5	40.5

91 100

92 54.2 27.3 81.8

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 55.940 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013341.D

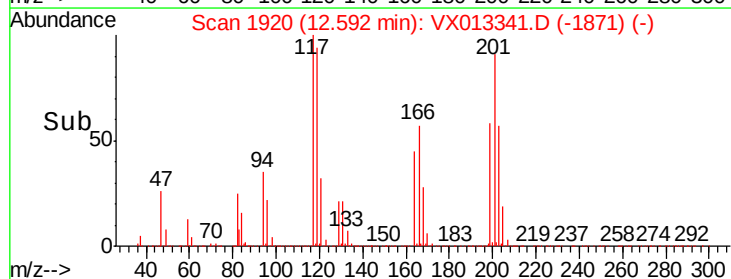
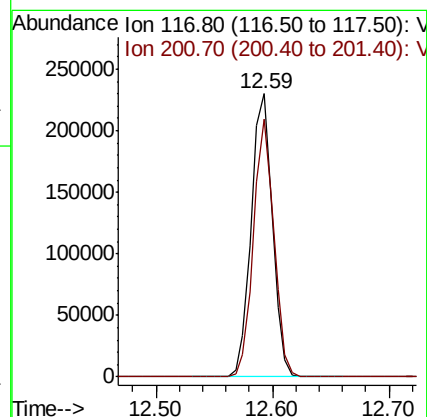
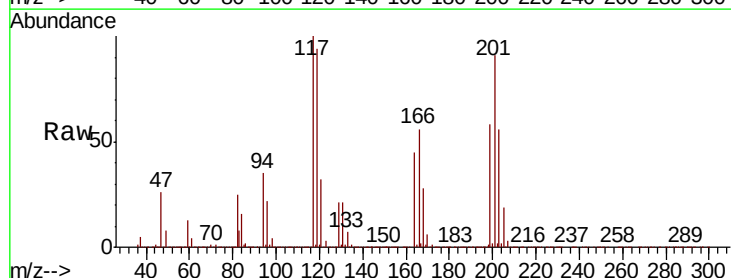
Acq: 06 Nov 2019 15:01

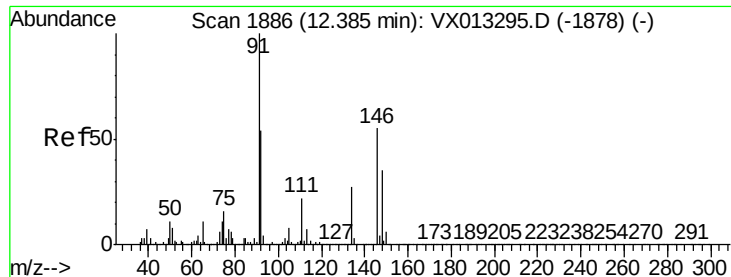
Tgt Ion: 117 Resp: 295403

Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.9	131.7

117 100

201 87.1 43.9 131.7

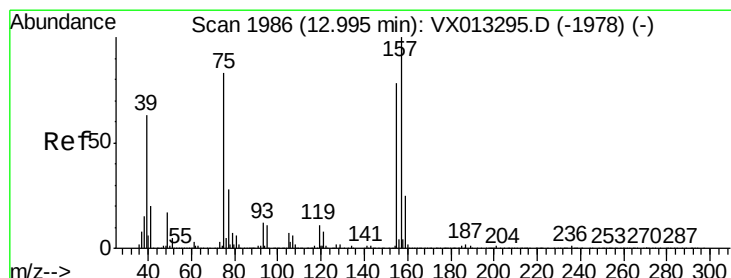
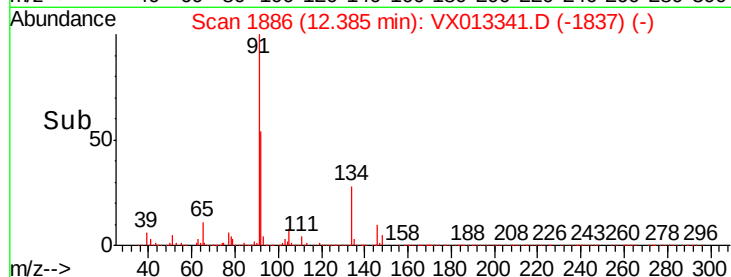
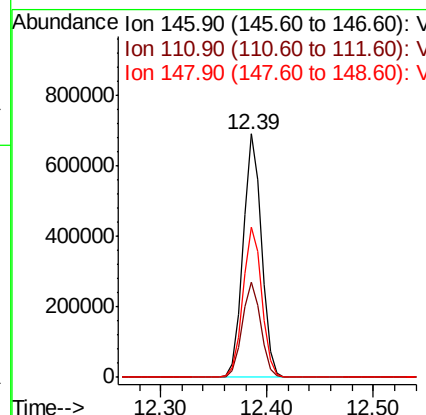
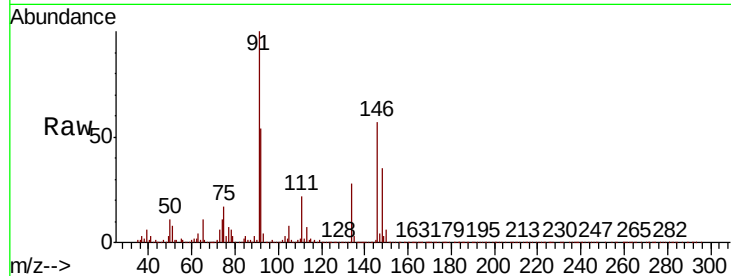




#91
 1,2-Dichlorobenzene
 Concen: 52.884 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

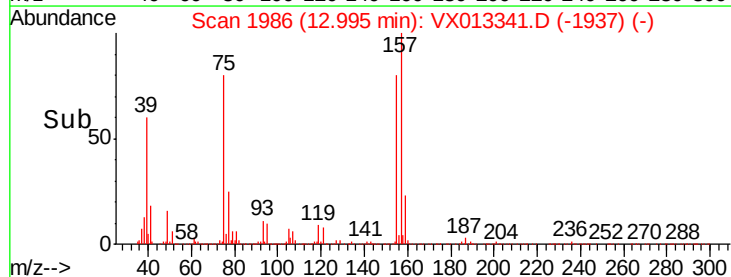
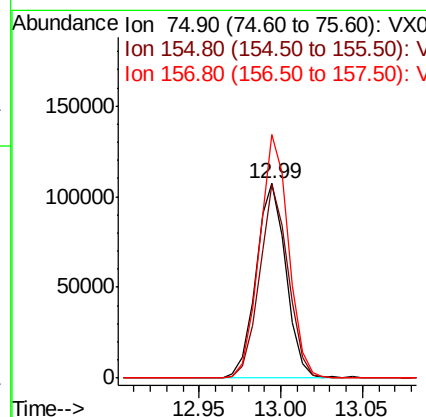
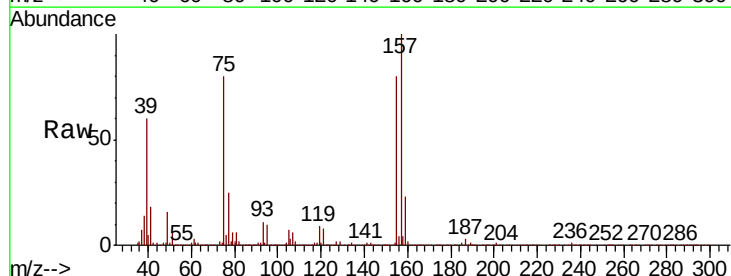
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

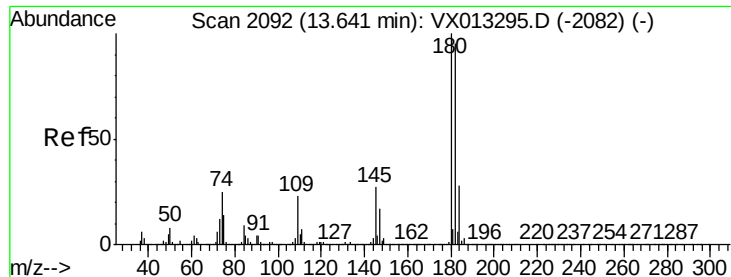
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.2
148	62.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.913 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	47.1	141.4
157	122.6	61.3	183.8

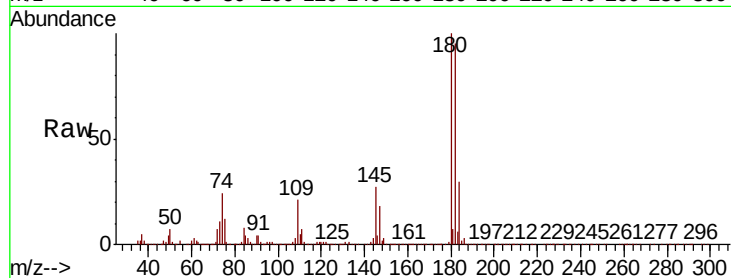




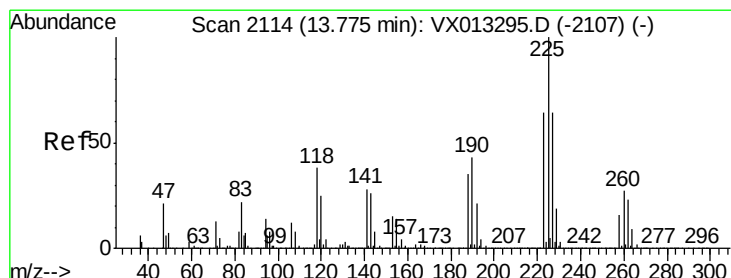
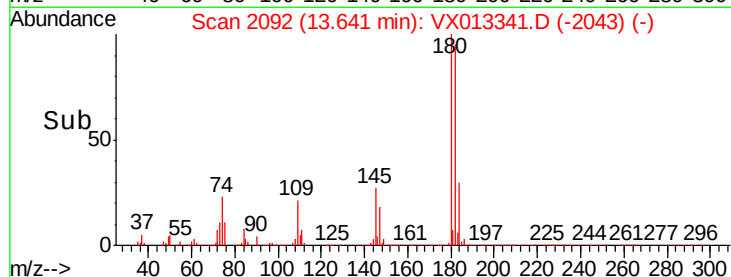
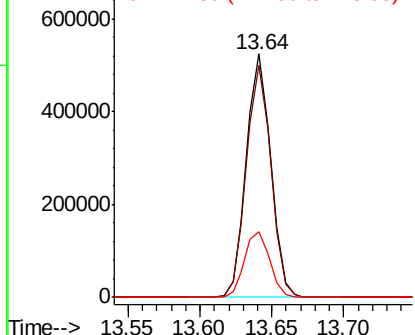
#93
 1,2,4-Trichlorobenzene
 Concen: 55.663 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 616014
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.4 145.0
 145 27.9 14.1 42.4

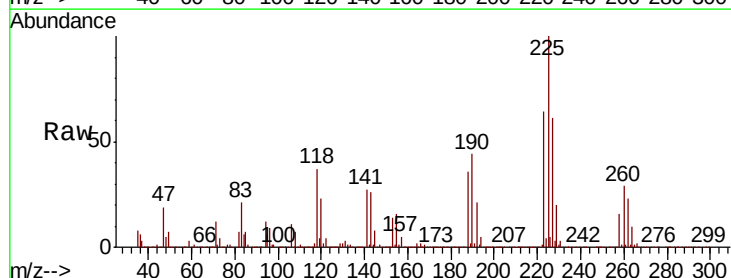


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

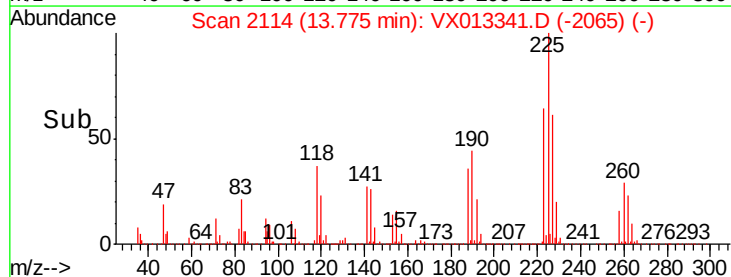
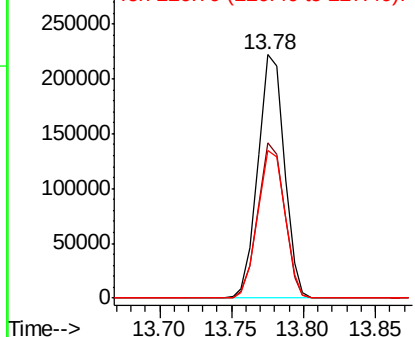


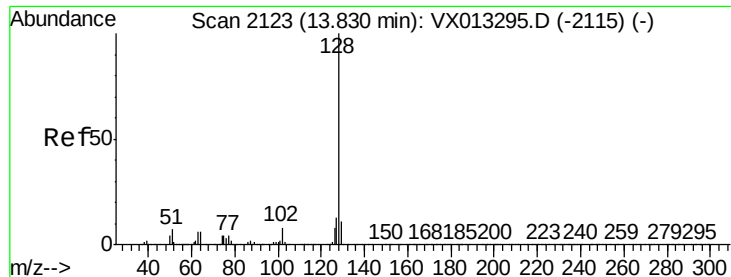
#94
 Hexachlorobutadiene
 Concen: 51.892 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013341.D
 Acq: 06 Nov 2019 15:01

Tgt Ion:225 Resp: 280958
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.9 95.7
 227 62.8 31.9 95.9



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

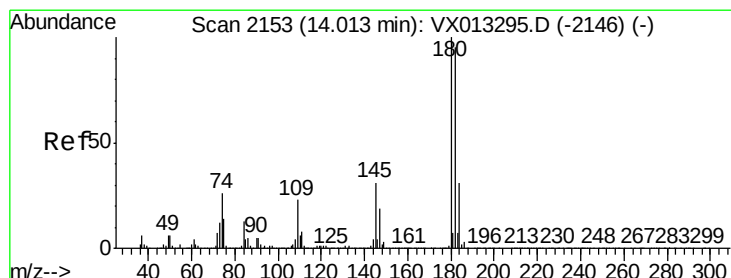
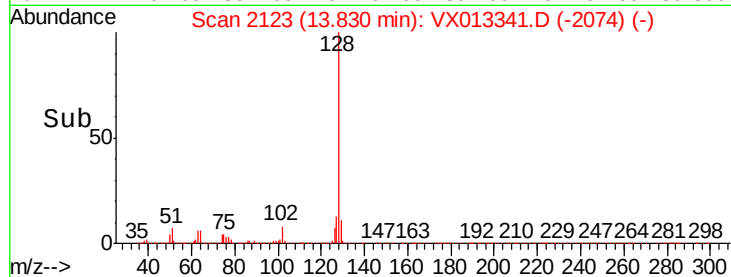
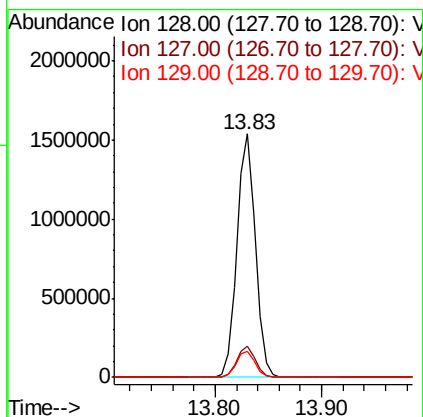
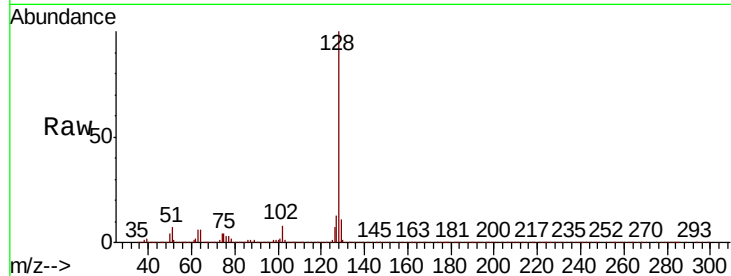




#95
Naphthalene
Concen: 53.801 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1868083
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 55.250 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013341.D
Acq: 06 Nov 2019 15:01

Tgt Ion:180 Resp: 613193
Ion Ratio Lower Upper
180 100
182 95.3 48.0 144.2
145 29.2 15.4 46.4

