

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013352.D
 Acq On : 08 Nov 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 02:53:40 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	5.65	168	747586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1121317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1016768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	524512	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	418231	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
35) Dibromofluoromethane	5.48	113	348228	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	8.71	98	1304134	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	474970	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	399580	46.389	ug/l	98
3) Chloromethane	1.31	50	426686	45.679	ug/l	100
4) Vinyl Chloride	1.40	62	488528	45.939	ug/l	99
5) Bromomethane	1.63	94	297056	40.084	ug/l	99
6) Chloroethane	1.71	64	268481	44.023	ug/l	99
7) Trichlorofluoromethane	1.92	101	537508	42.782	ug/l	98
8) Diethyl Ether	2.17	74	247092	44.474	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	337162	48.148	ug/l	99
10) Methyl Iodide	2.50	142	400223	46.162	ug/l	98
11) Tert butyl alcohol	3.03	59	420032	179.935	ug/l	100
12) 1,1-Dichloroethene	2.36	96	332692	48.515	ug/l	98
13) Acrolein	2.28	56	313967	248.164	ug/l	96
14) Allyl chloride	2.72	41	610377	48.988	ug/l	97
15) Acrylonitrile	3.12	53	1010954	231.844	ug/l	99
16) Acetone	2.43	43	1035949	234.505	ug/l	100
17) Carbon Disulfide	2.56	76	870376	47.421	ug/l	100
18) Methyl Acetate	2.76	43	568726	46.632	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1146533	50.128	ug/l	98
20) Methylene Chloride	2.84	84	377936	46.304	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	357232	47.844	ug/l	100
22) Diisopropyl ether	3.84	45	1216975	50.591	ug/l	99
23) Vinyl Acetate	3.79	43	5071293	246.373	ug/l	100
24) 1,1-Dichloroethane	3.69	63	652540	48.492	ug/l	99
25) 2-Butanone	4.65	43	1506560	232.470	ug/l	99
26) 2,2-Dichloropropane	4.56	77	540194	50.462	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	413914	49.487	ug/l	99
28) Bromochloromethane	5.00	49	190020	49.734	ug/l	99
29) Tetrahydrofuran	5.11	42	897035	224.615	ug/l	99
30) Chloroform	5.19	83	638653	48.064	ug/l	99
31) Cyclohexane	5.57	56	582450	48.102	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	540097	47.231	ug/l	99
36) 1,1-Dichloropropene	5.79	75	480127	49.912	ug/l	99
37) Ethyl Acetate	4.81	43	543804	45.750	ug/l	99
38) Carbon Tetrachloride	5.78	117	471020	50.073	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013352.D
 Acq On : 08 Nov 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 02:53:40 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)
39) Methylcyclohexane	7.45	83	604758	50.455	ug/l	99
40) Benzene	6.13	78	1468677	49.014	ug/l	99
41) Methacrylonitrile	5.02	41	313190	47.009	ug/l	98
42) 1,2-Dichloroethane	6.18	62	520371	48.145	ug/l	98
43) Isopropyl Acetate	6.43	43	912221	49.284	ug/l	100
44) Trichloroethene	7.20	130	399290	48.409	ug/l	99
45) 1,2-Dichloropropane	7.50	63	388333	50.864	ug/l	98
46) Dibromomethane	7.65	93	253608	48.650	ug/l	97
47) Bromodichloromethane	7.89	83	508585	51.739	ug/l	95
48) Methyl methacrylate	7.76	41	460003	49.787	ug/l	98
49) 1,4-Dioxane	7.73	88	179023	846.069	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2817246	231.991	ug/l	99
52) Toluene	8.78	92	931486	50.156	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	571732	53.190	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	638961	53.141	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	390116	50.679	ug/l	98
56) Ethyl methacrylate	9.17	69	626967	47.780	ug/l	97
57) 1,3-Dichloropropane	9.36	76	647172	49.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1356856	257.792	ug/l	100
59) 2-Hexanone	9.48	43	2284439	243.429	ug/l	99
60) Dibromochloromethane	9.57	129	416271	52.875	ug/l	98
61) 1,2-Dibromoethane	9.67	107	407246	49.821	ug/l	100
64) Tetrachloroethene	9.33	164	359689	49.416	ug/l	97
65) Chlorobenzene	10.13	112	1020928	49.596	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	381756	50.508	ug/l	100
67) Ethyl Benzene	10.24	91	1775124	49.965	ug/l	98
68) m/p-Xylenes	10.35	106	1366868	101.731	ug/l	99
69) o-Xylene	10.70	106	661097	50.257	ug/l	100
70) Styrene	10.71	104	1147061	52.165	ug/l	99
71) Bromoform	10.85	173	321778	46.177	ug/l	98
73) Isopropylbenzene	11.01	105	1761436	50.651	ug/l	100
74) N-amyl acetate	10.89	43	822954	51.031	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	611386	48.191	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	698141	65.531	ug/l	81
77) Bromobenzene	11.25	156	469713	50.666	ug/l	97
78) n-propylbenzene	11.35	91	2034333	52.515	ug/l	99
79) 2-Chlorotoluene	11.42	91	1183310	50.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1495564	51.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	210229	50.793	ug/l	96
82) 4-Chlorotoluene	11.51	91	1385275	50.703	ug/l	99
83) tert-Butylbenzene	11.76	119	1522557	52.216	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1506042	51.830	ug/l	99
85) sec-Butylbenzene	11.94	105	1735480	51.786	ug/l	99
86) p-Isopropyltoluene	12.06	119	1626020	52.692	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	828604	50.141	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	835948	49.650	ug/l	99
89) n-Butylbenzene	12.38	91	1420798	52.766	ug/l	99
90) Hexachloroethane	12.59	117	289944	52.735	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	827531	50.097	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	130824	42.326	ug/l	98

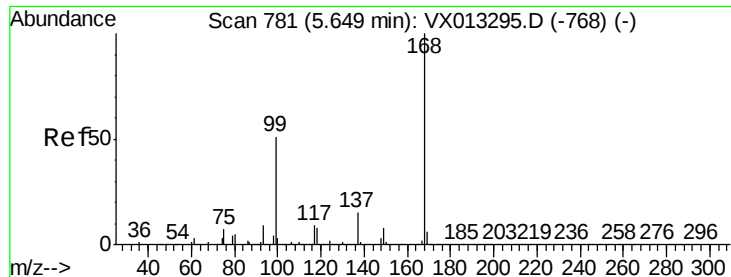
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
Data File : VX013352.D
Acq On : 08 Nov 2019 09:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Nov 11 02:53:40 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)
93) 1,2,4-Trichlorobenzene	13.64	180	590496	51.247	ug/l	100
94) Hexachlorobutadiene	13.78	225	279843	49.642	ug/l	99
95) Naphthalene	13.83	128	1806672	49.975	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	587830	50.870	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

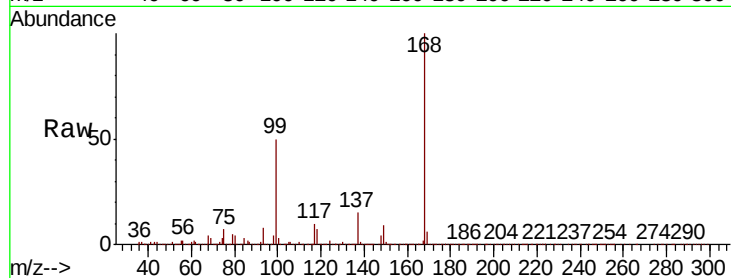
VSTDCCC050

Tot Ion:168 Resp: 747586

Ion Ratio Lower Upper

168 100

99 49.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

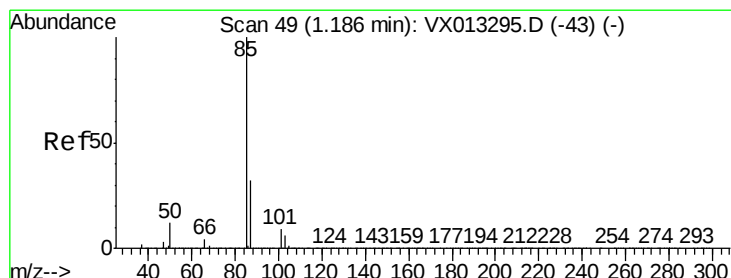
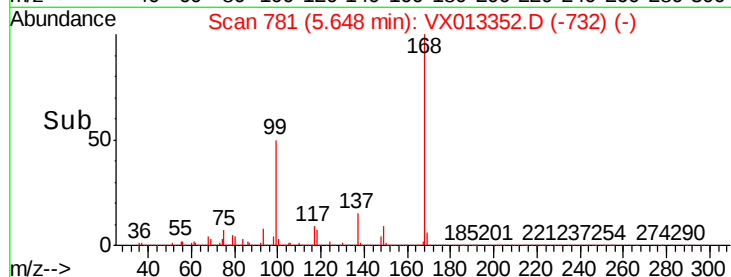
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.389 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013352.D

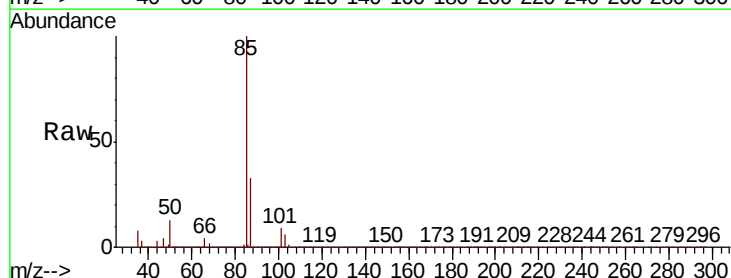
Acq: 08 Nov 2019 09:57

Tgt Ion: 85 Resp: 399580

Ion Ratio Lower Upper

85 100

87 32.6 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

400000

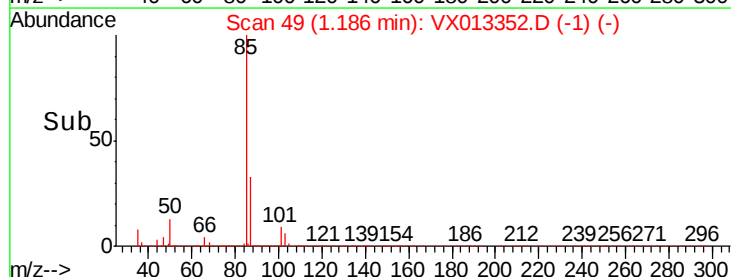
300000

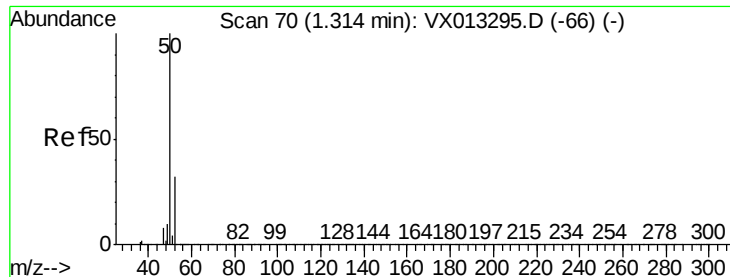
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.679 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

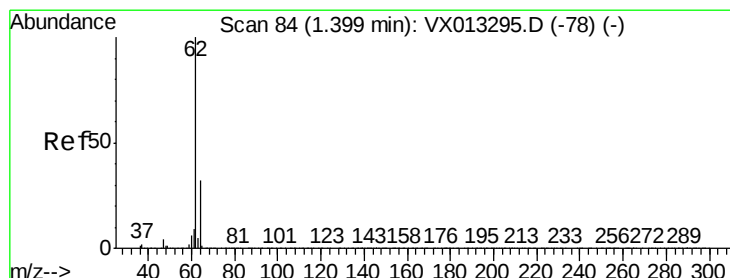
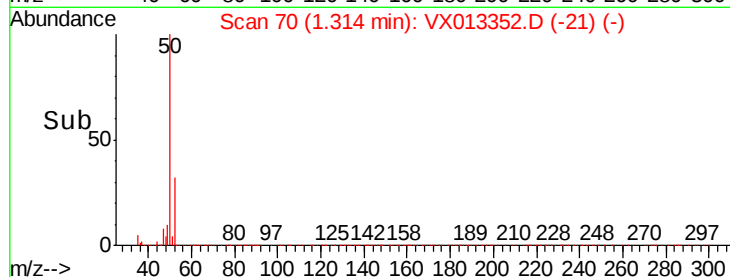
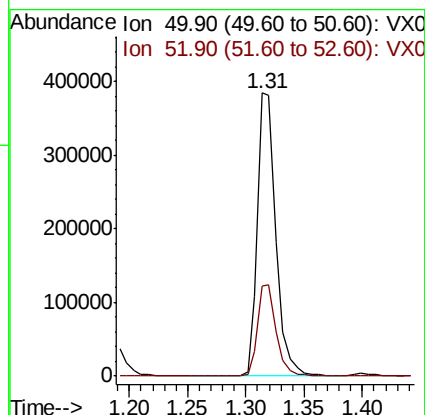
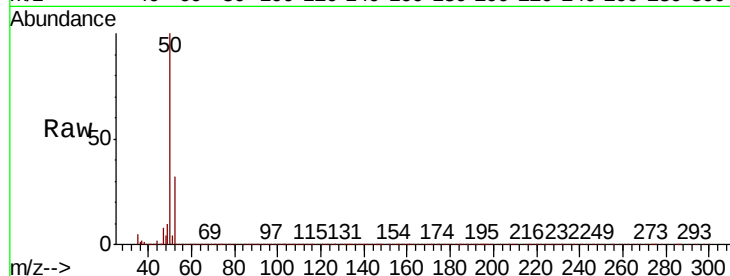
VSTDCCC050

Tot Ion: 50 Resp: 426686

Ion Ratio Lower Upper

50 100

52 31.7 25.5 38.3



#4

Vinyl Chloride

Concen: 45.939 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013352.D

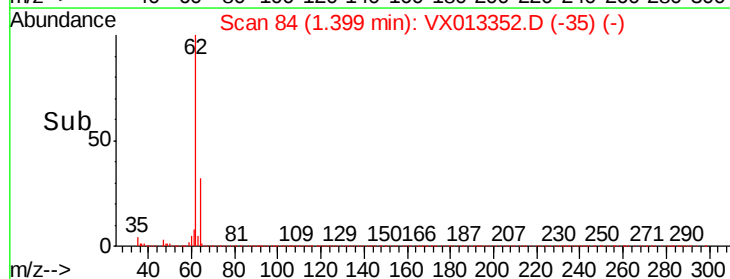
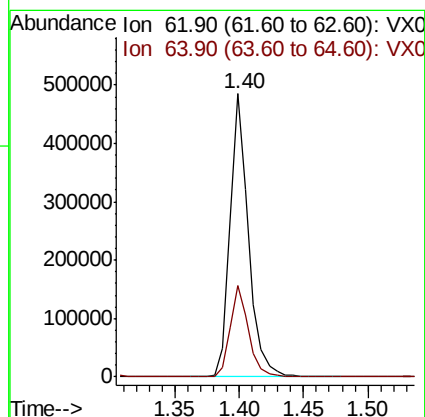
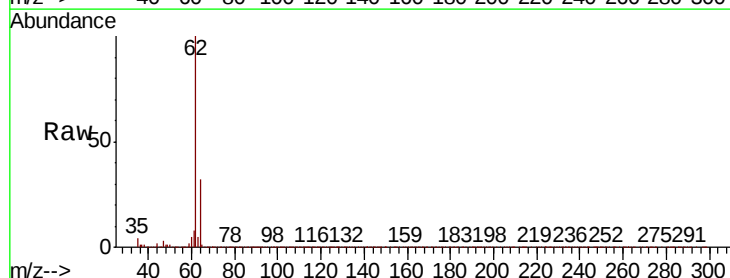
Acq: 08 Nov 2019 09:57

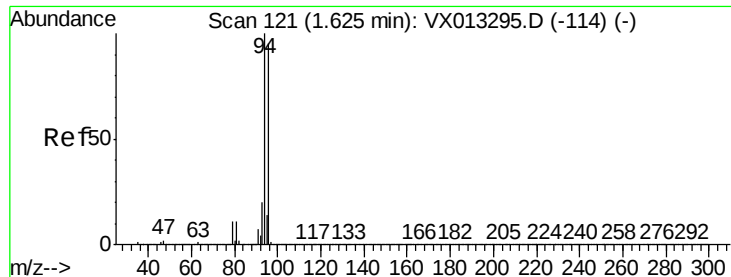
Tgt Ion: 62 Resp: 488528

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 40.084 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

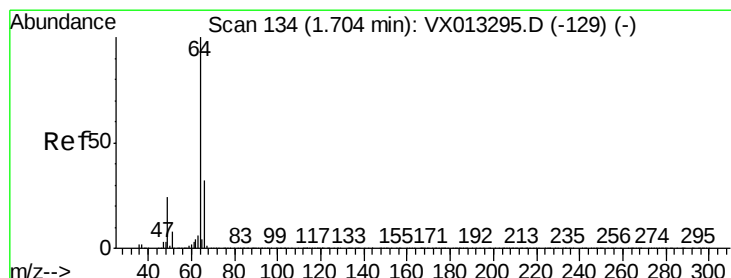
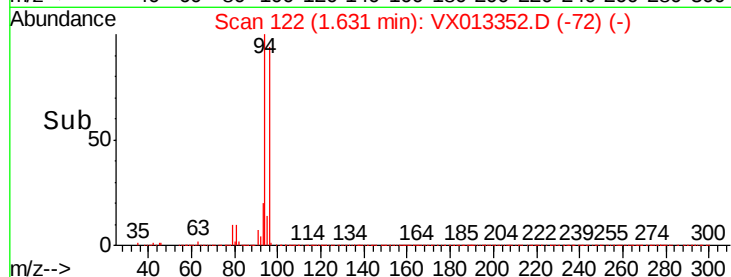
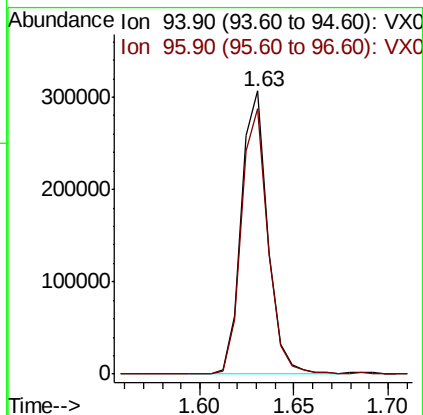
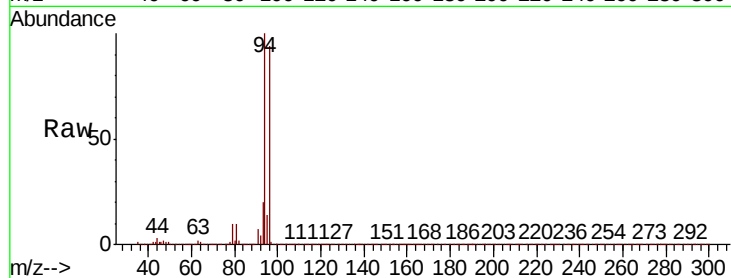
VSTDCCC050

Tot Ion: 94 Resp: 297056

Ion Ratio Lower Upper

94 100

96 93.9 75.8 113.8



#6

Chloroethane

Concen: 44.023 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013352.D

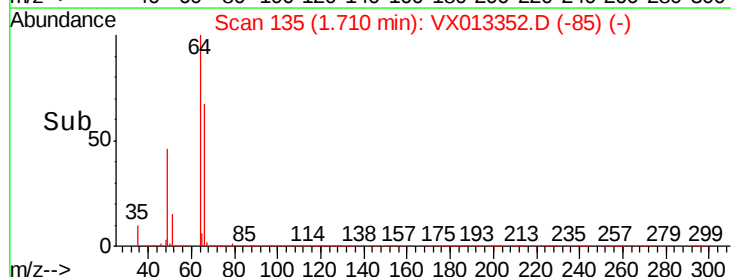
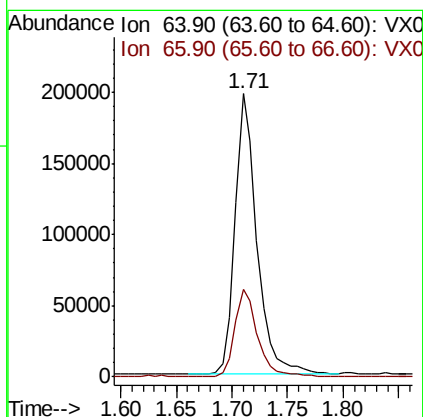
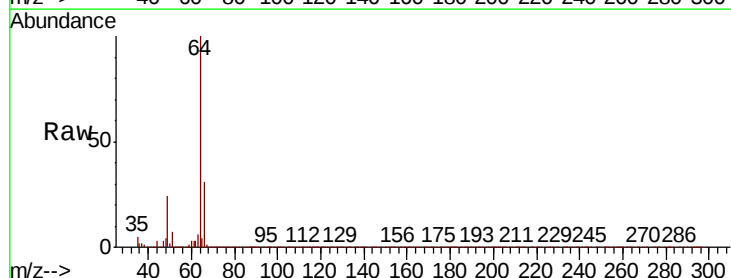
Acq: 08 Nov 2019 09:57

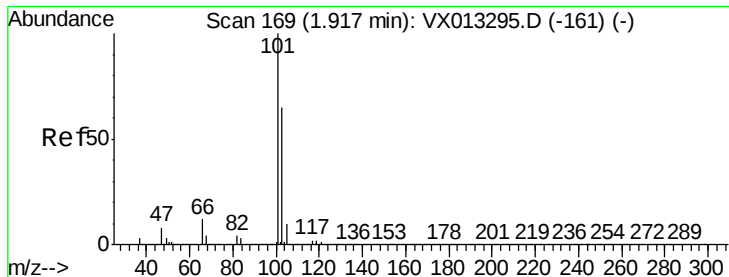
Tgt Ion: 64 Resp: 268481

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4



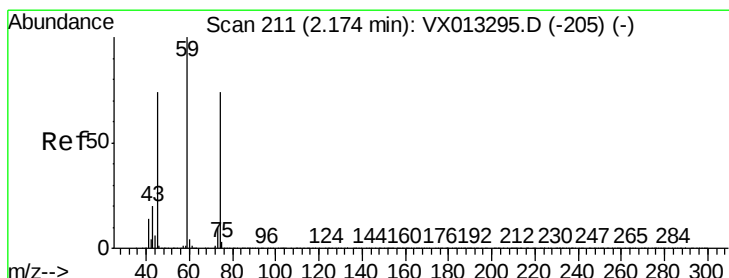
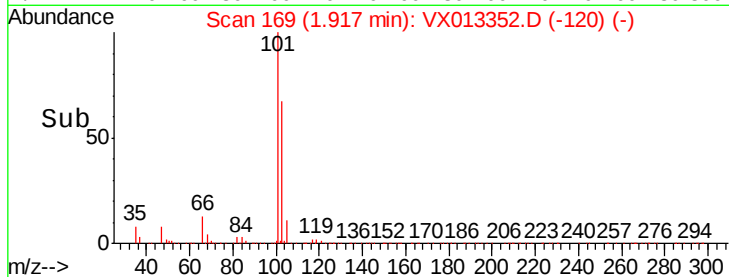
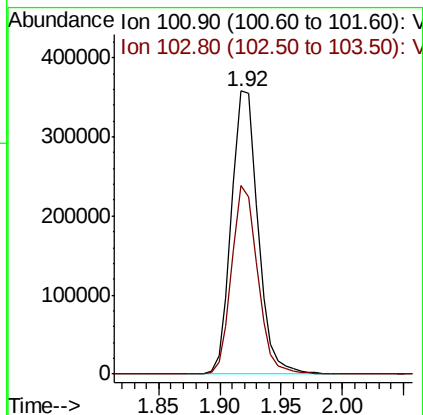
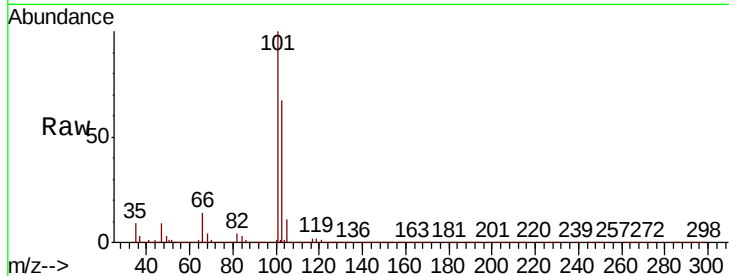


#7

Trichlorofluoromethane
Concen: 42.782 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

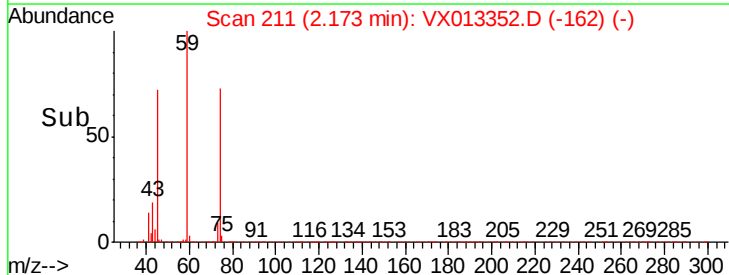
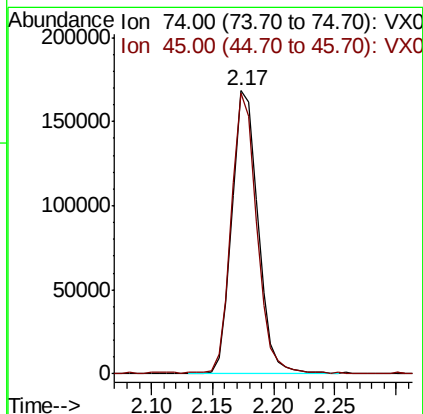
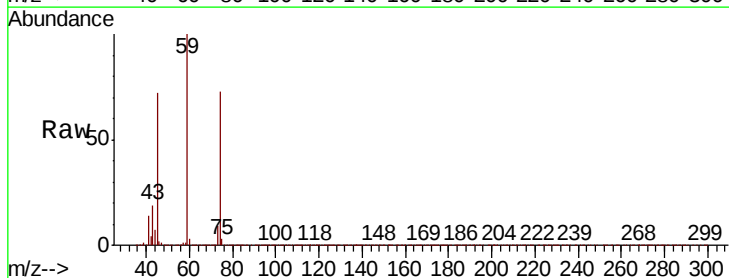
Tot Ion:101 Resp: 537508
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5

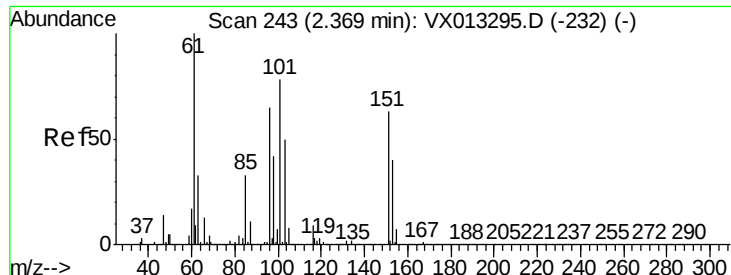


#8

Diethyl Ether
Concen: 44.474 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 74 Resp: 247092
Ion Ratio Lower Upper
74 100
45 97.4 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.148 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

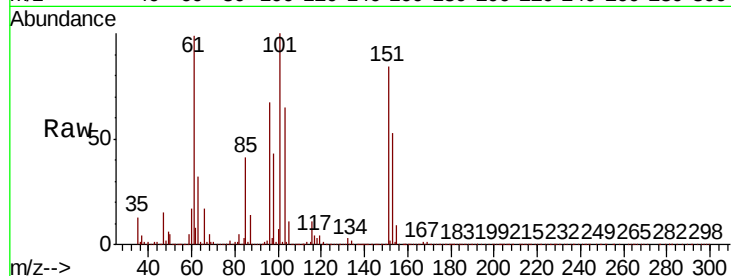
Tot Ion:101 Resp: 337162

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

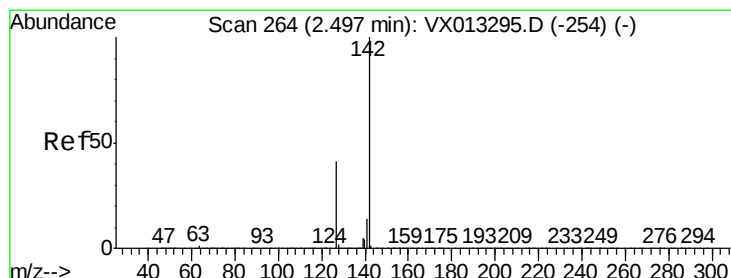
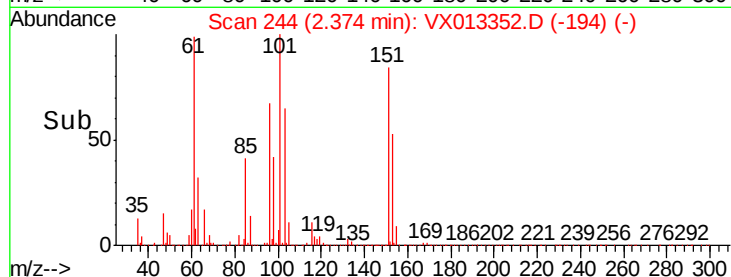
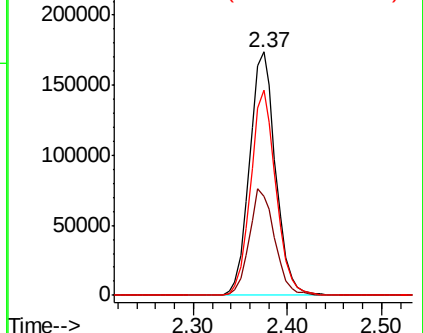
151 82.2 66.4 99.6



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: 46.162 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

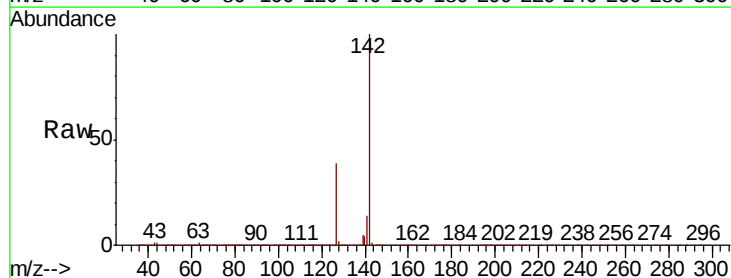
Tgt Ion:142 Resp: 400223

Ion Ratio Lower Upper

142 100

127 39.0 32.6 49.0

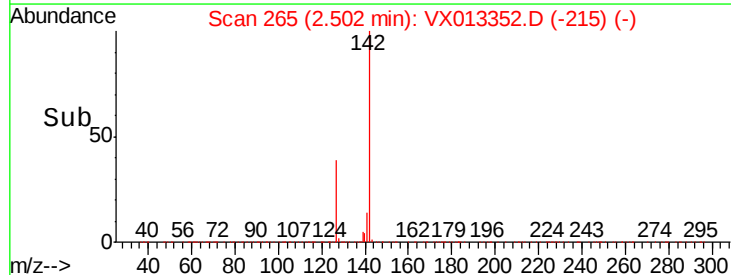
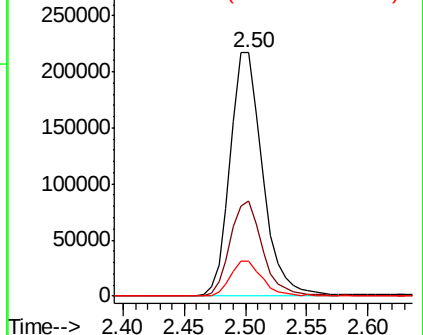
141 14.4 11.6 17.4

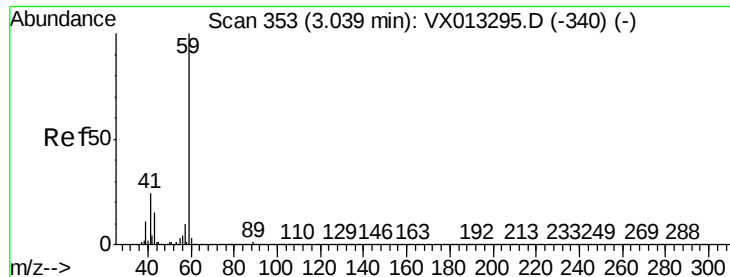


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

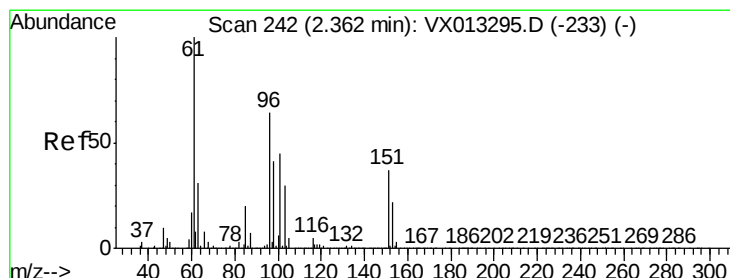
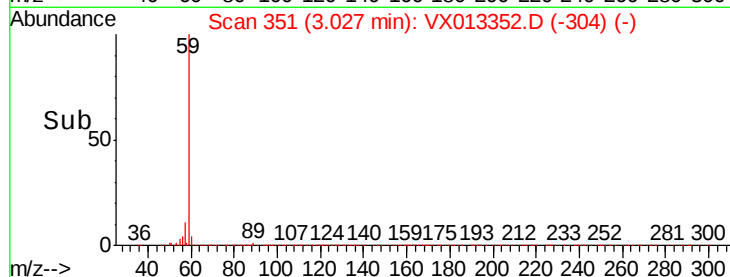
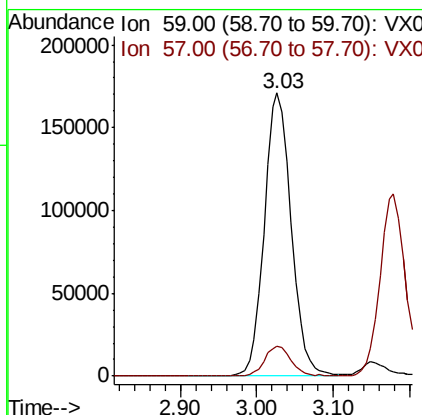
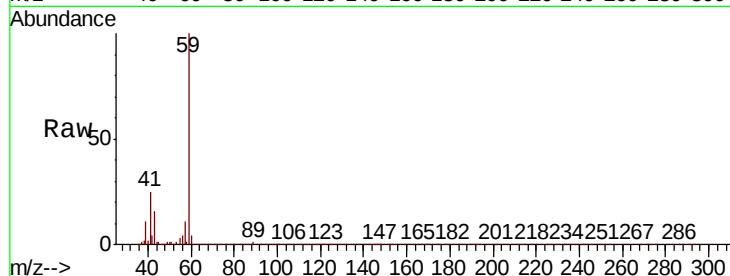




#11
Tert butyl alcohol
Concen: 179.935 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

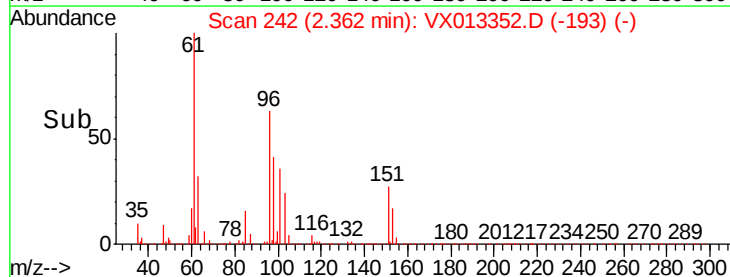
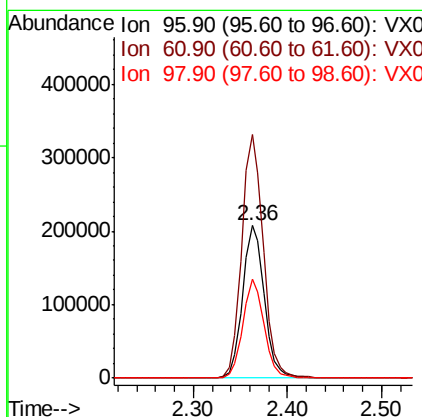
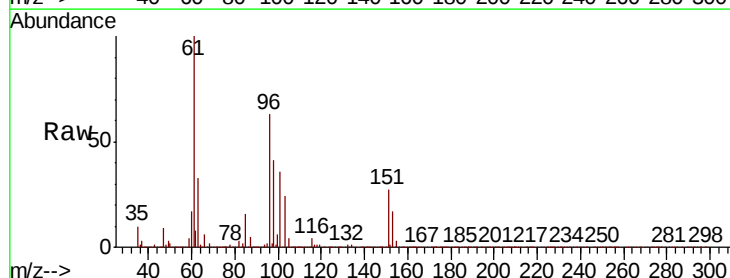
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

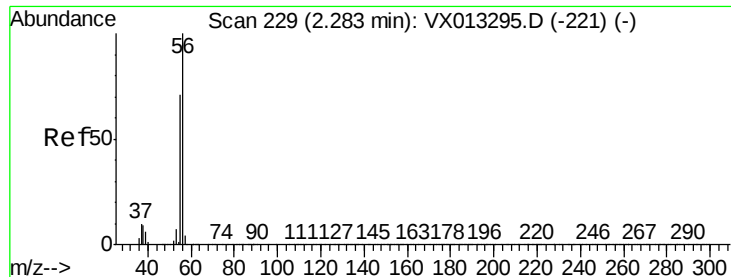
Tot Ion: 59 Resp: 420032
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 48.515 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 96 Resp: 332692
Ion Ratio Lower Upper
96 100
61 159.6 125.0 187.6
98 64.7 50.7 76.1





#13

Acrolein

Concen: 248.164 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

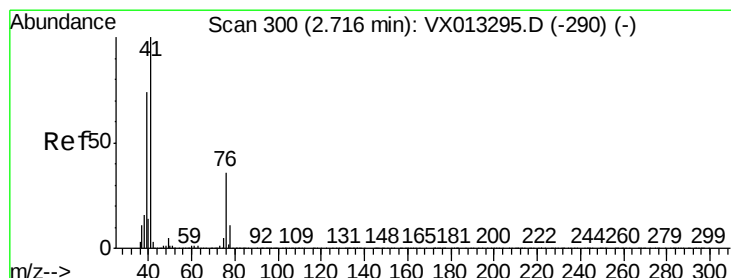
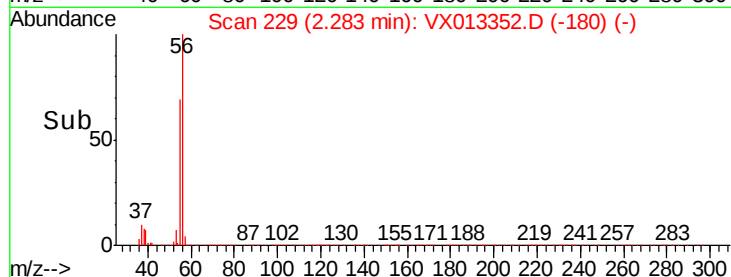
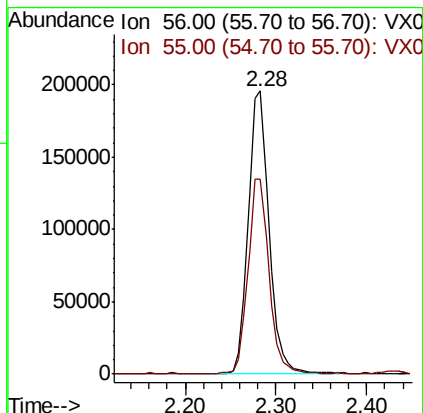
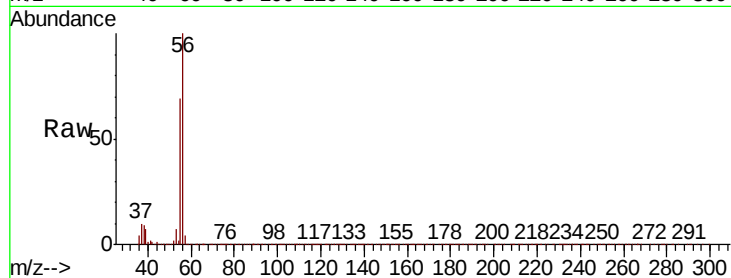
VSTDCCC050

Tot Ion: 56 Resp: 313967

Ion Ratio Lower Upper

56 100

55 68.5 57.4 86.0



#14

Allyl chloride

Concen: 48.988 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

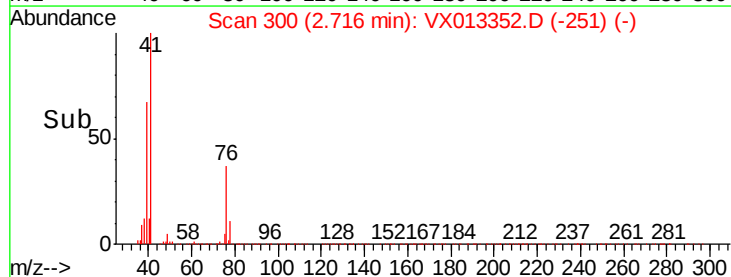
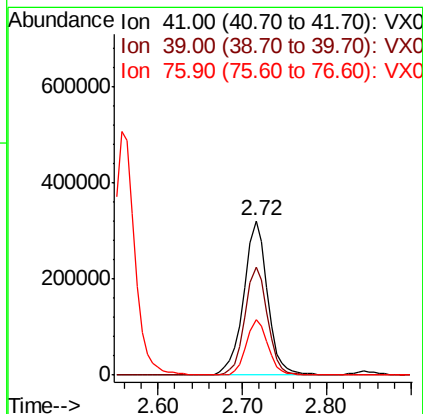
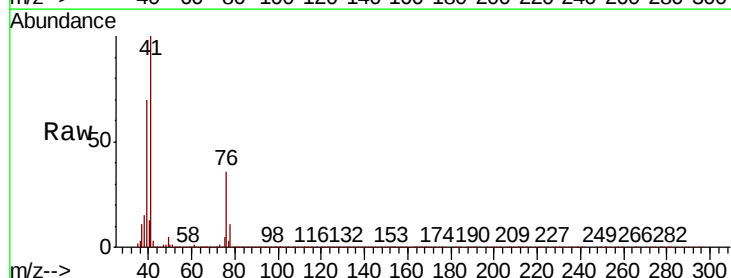
Tgt Ion: 41 Resp: 610377

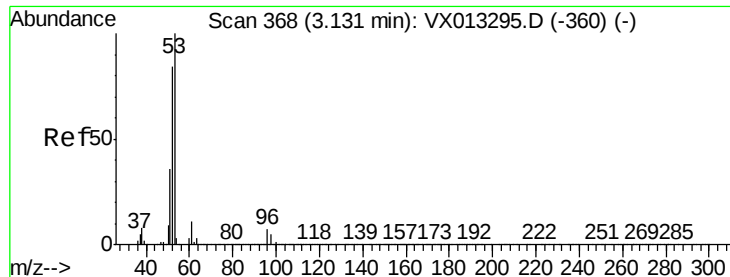
Ion Ratio Lower Upper

41 100

39 66.0 55.8 83.8

76 32.5 26.4 39.6





#15

Acrylonitrile

Concen: 231.844 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

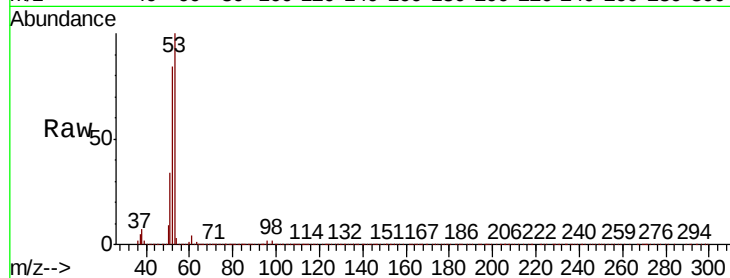
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1010954

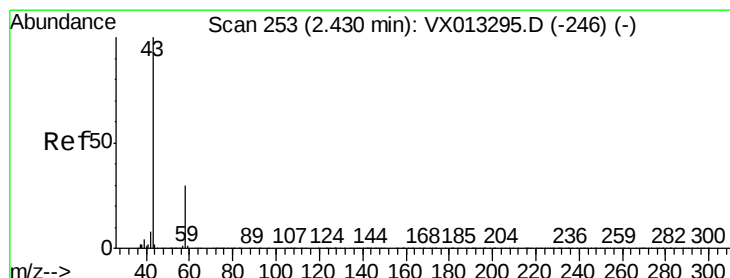
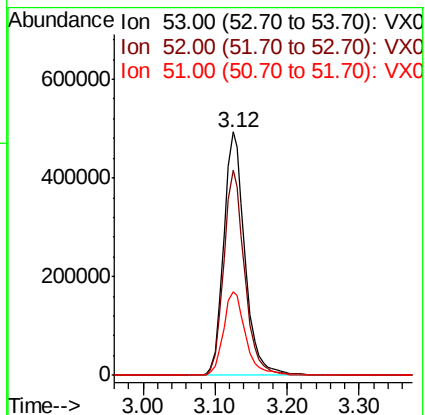
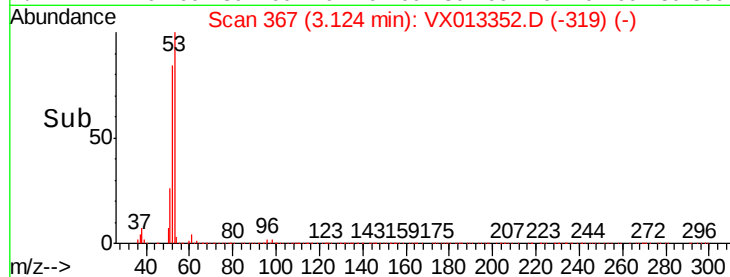
Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.4	101.0
51	35.9	29.4	44.2



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: 234.505 ug/l

RT: 2.43 min Scan# 253

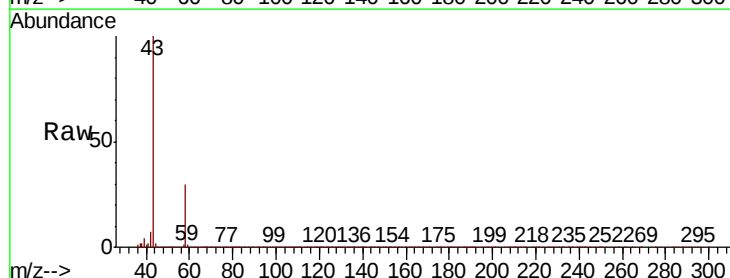
Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

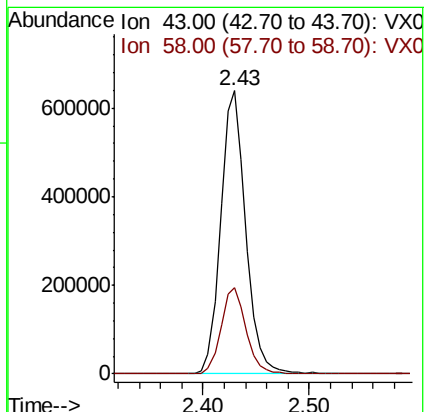
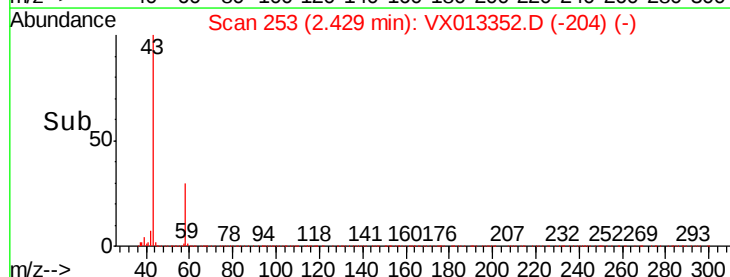
Tgt Ion: 43 Resp: 1035949

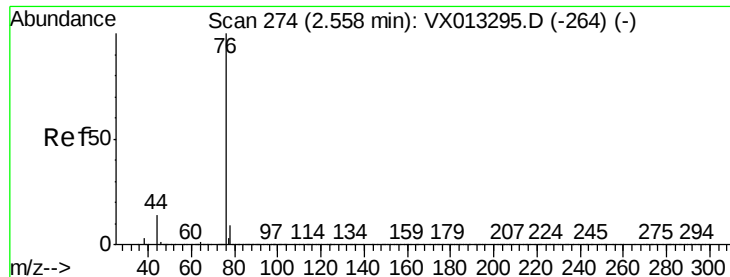
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.421 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

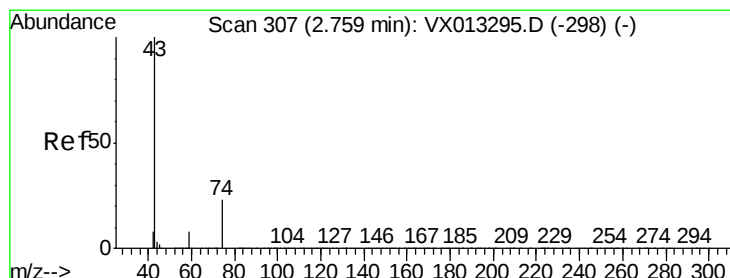
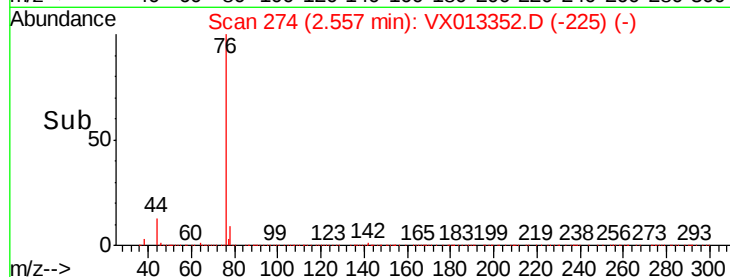
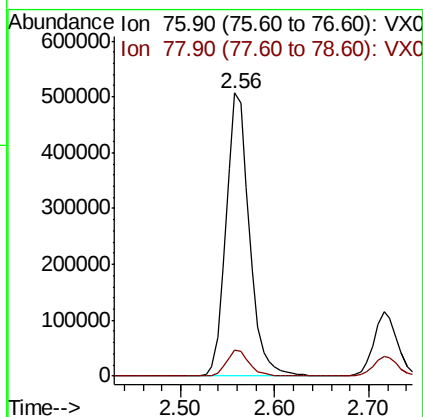
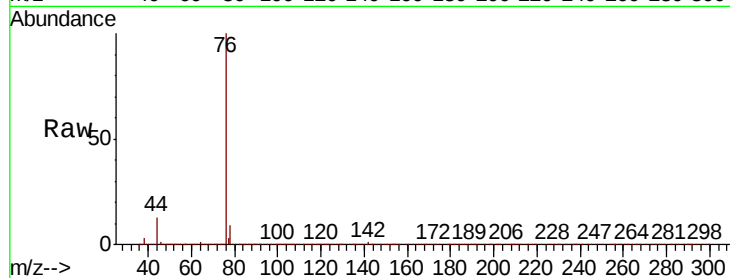
VSTDCCC050

Tot Ion: 76 Resp: 870376

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 46.632 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013352.D

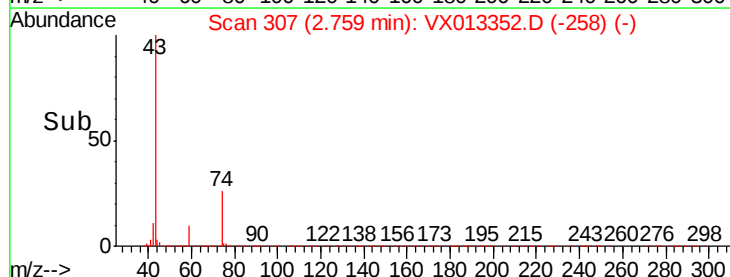
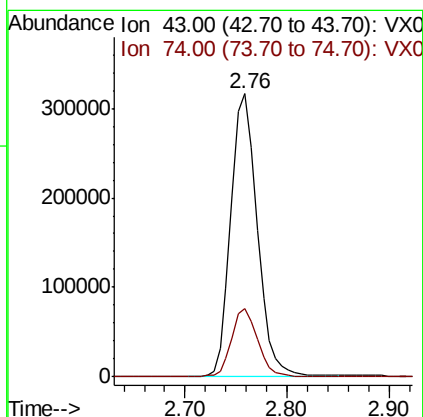
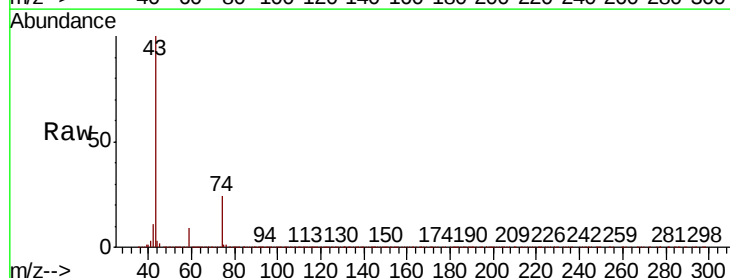
Acq: 08 Nov 2019 09:57

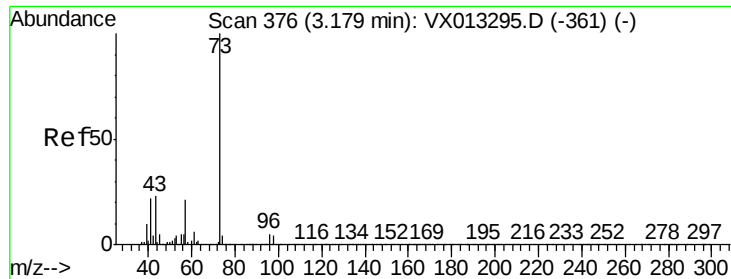
Tgt Ion: 43 Resp: 568726

Ion Ratio Lower Upper

43 100

74 24.0 19.0 28.6

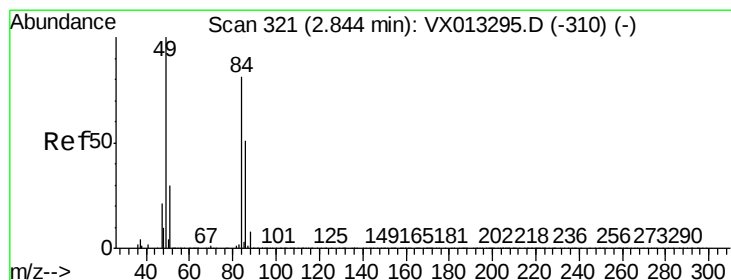
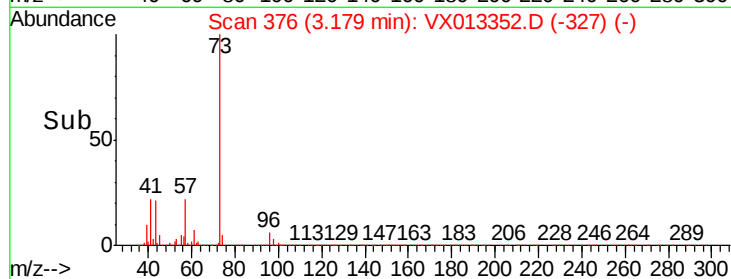
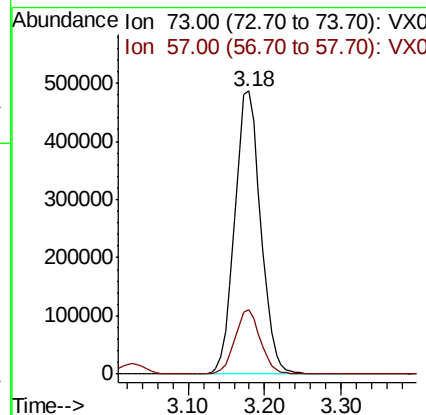
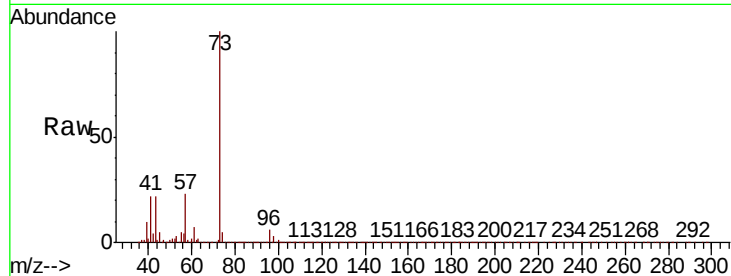




#19
Methvl tert-butvl Ether
Concen: 50.128 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

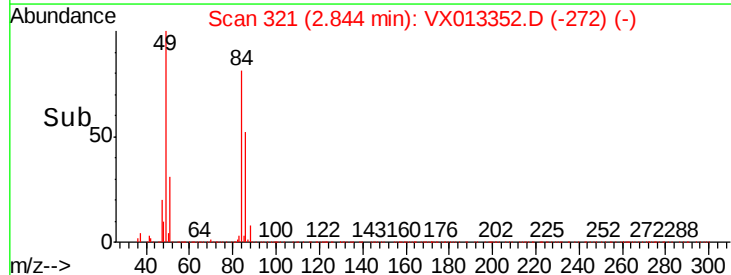
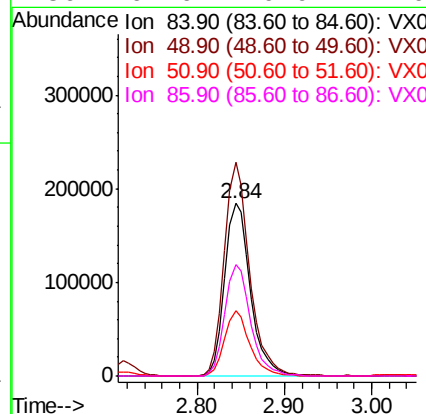
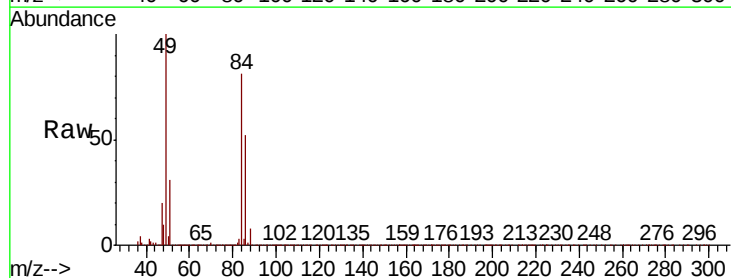
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

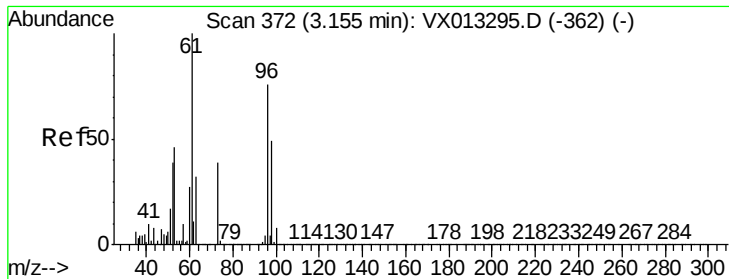
Tot Ion: 73 Resp: 1146533
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 46.304 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 84 Resp: 377936
Ion Ratio Lower Upper
84 100
49 123.6 98.2 147.4
51 37.8 29.9 44.9
86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.844 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

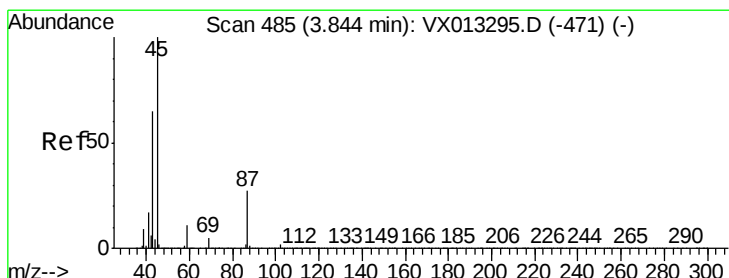
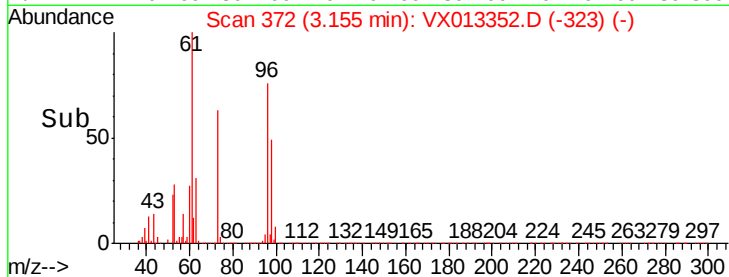
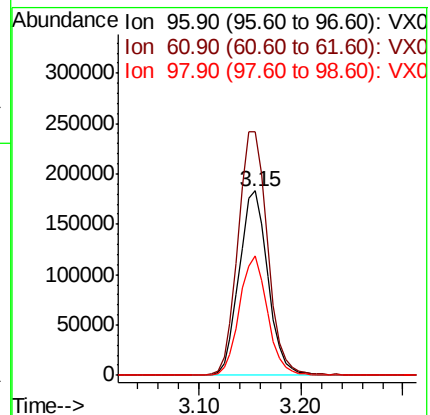
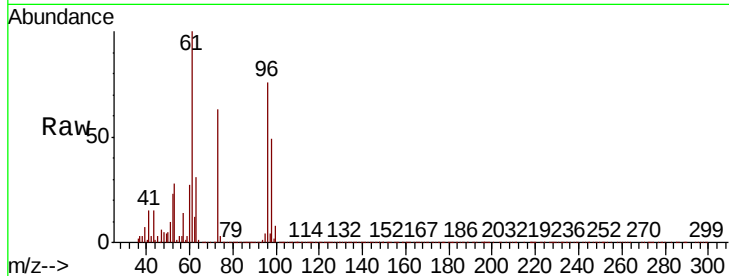
Tot Ion: 96 Resp: 357232

Ion Ratio Lower Upper

96 100

61 131.9 105.8 158.6

98 64.7 51.8 77.6



#22

Diisopropyl ether

Concen: 50.591 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion: 45 Resp: 1216975

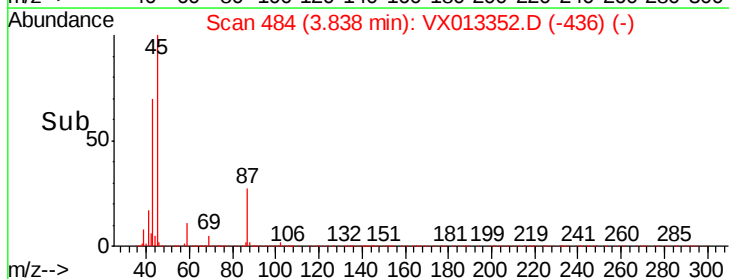
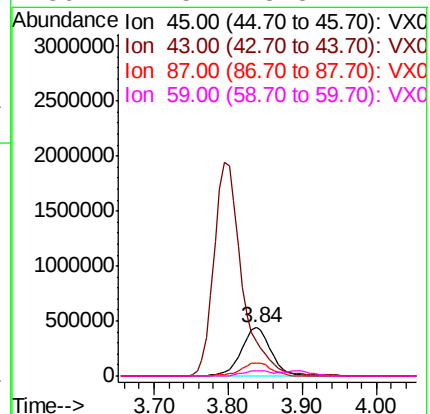
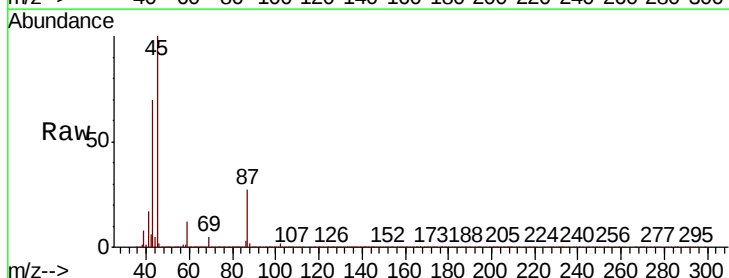
Ion Ratio Lower Upper

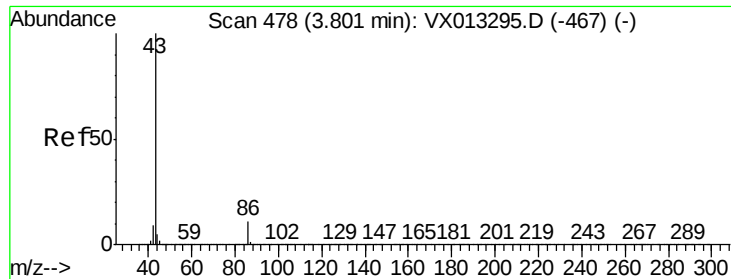
45 100

43 68.8 54.2 81.2

87 26.9 21.8 32.8

59 11.5 8.5 12.7

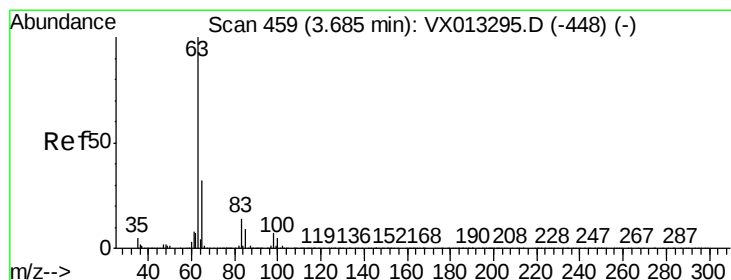
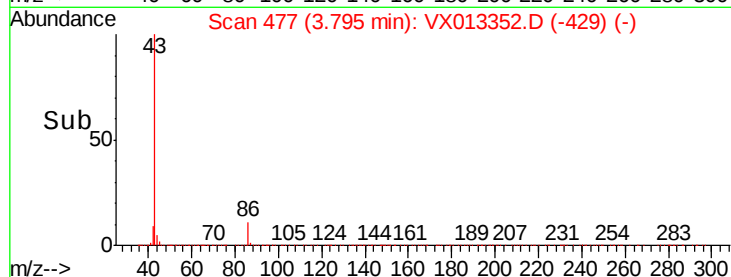
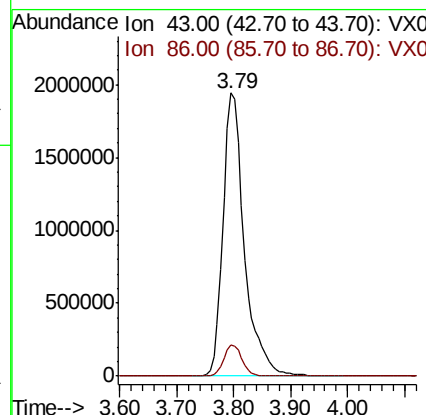
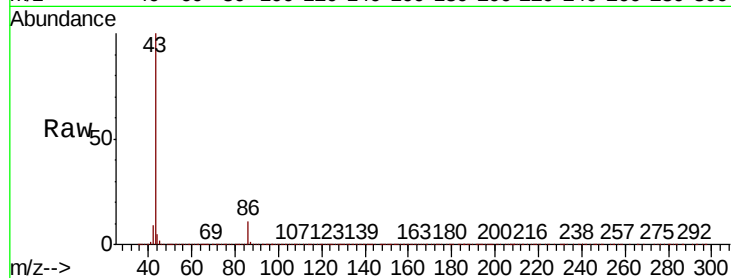




#23
 Vinyl Acetate
 Concen: 246.373 ug/l
 RT: 3.79 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

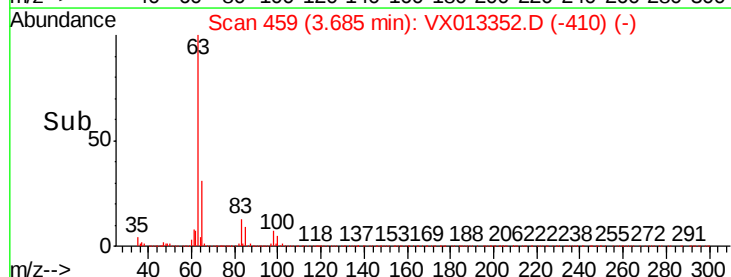
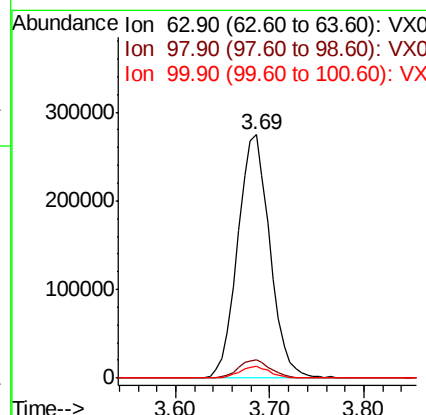
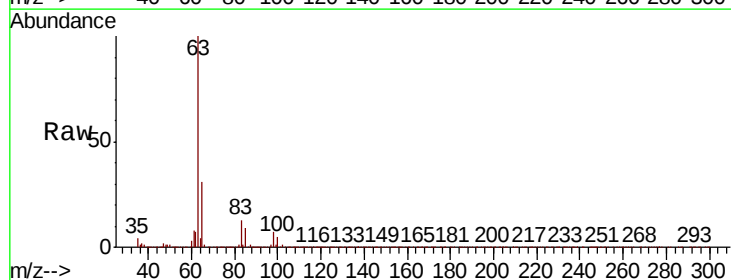
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

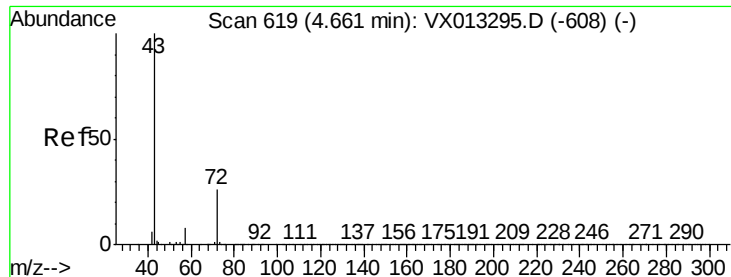
Tot Ion: 43 Resp: 5071293
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.492 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Tgt Ion: 63 Resp: 652540
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.6 2.4 7.2

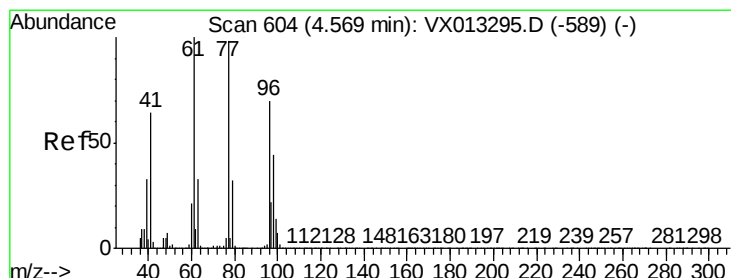
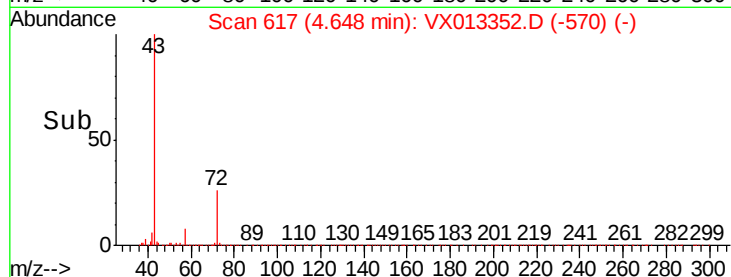
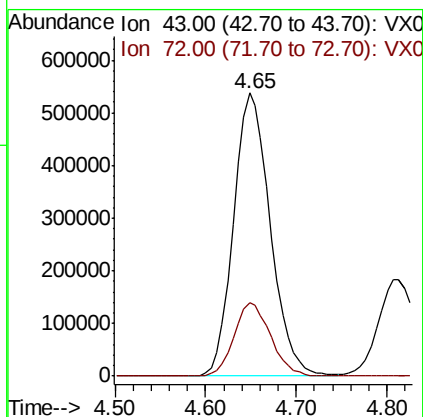
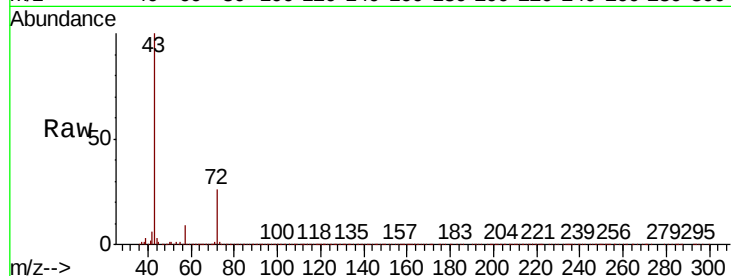




#25
2-Butanone
Concen: 232.470 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

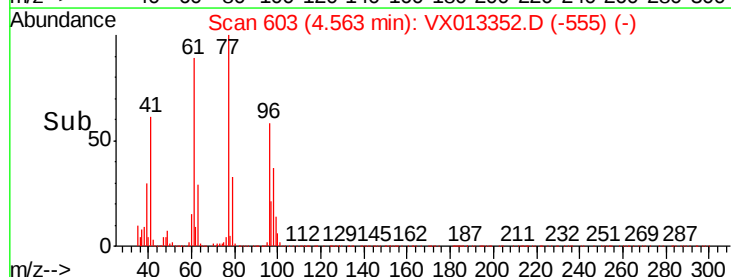
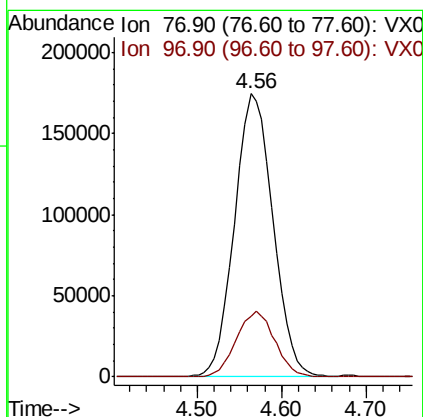
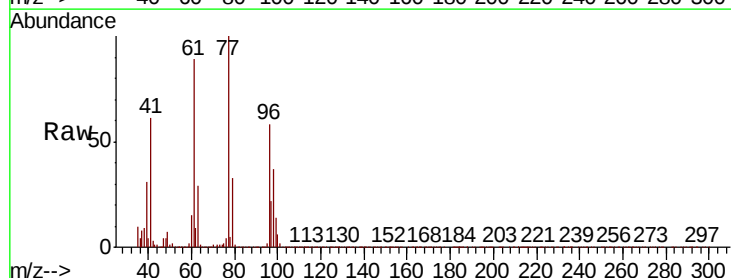
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

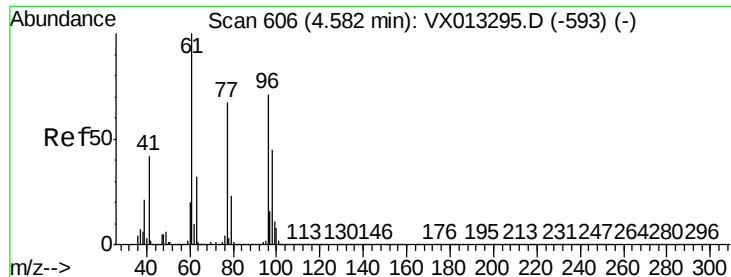
Tot Ion: 43 Resp: 1506560
Ion Ratio Lower Upper
43 100
72 25.8 21.0 31.6



#26
2,2-Dichloropropane
Concen: 50.462 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 77 Resp: 540194
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.8



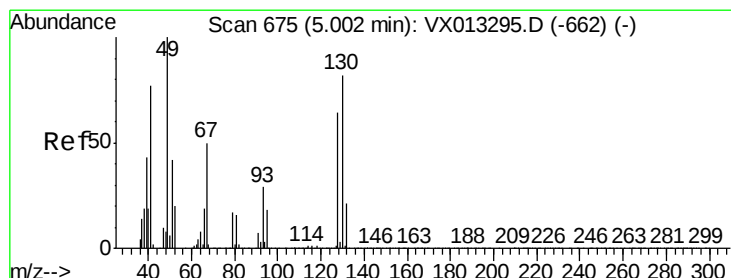
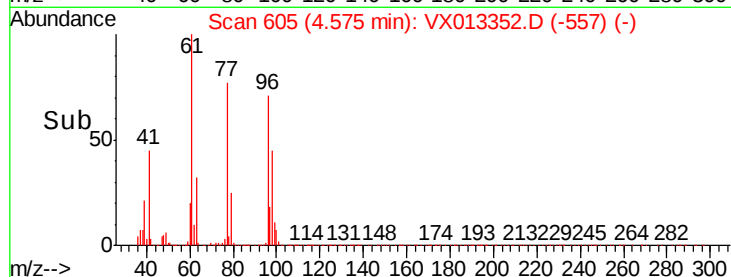
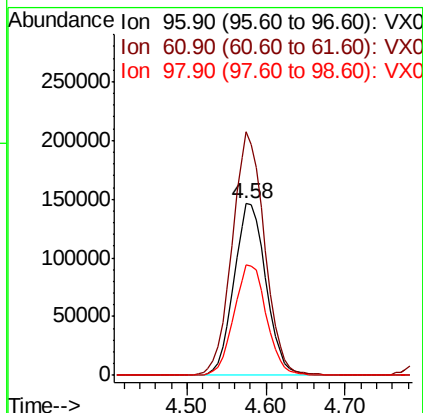
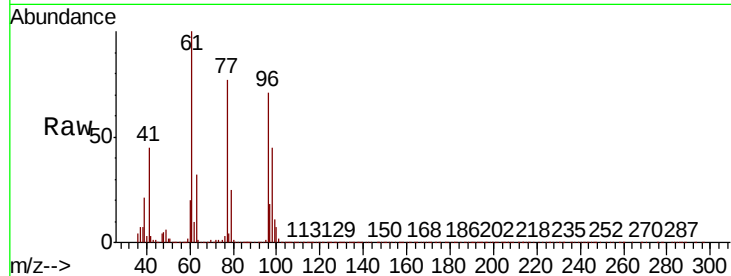


#27

cis-1,2-Dichloroethene
Concen: 49.487 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

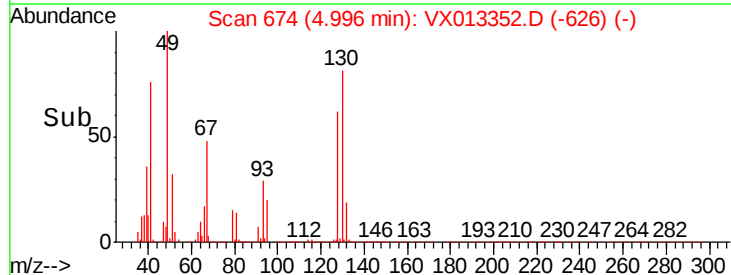
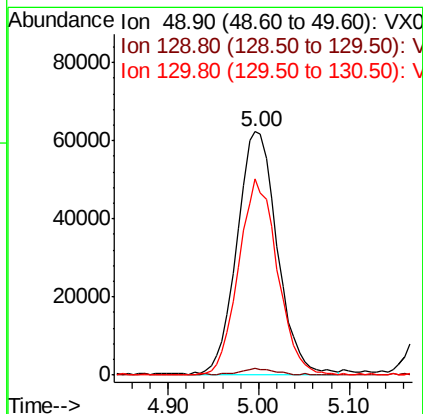
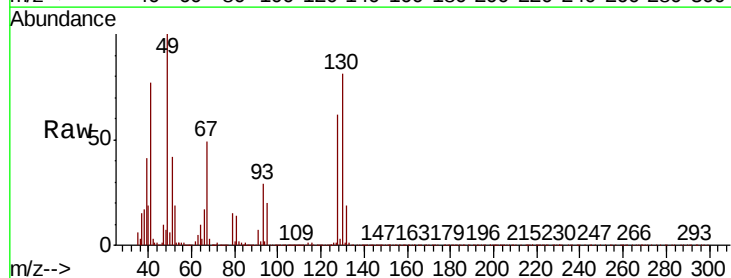
Tot Ion: 96 Resp: 413914
Ion Ratio Lower Upper
96 100
61 142.7 0.0 288.0
98 65.0 0.0 129.6

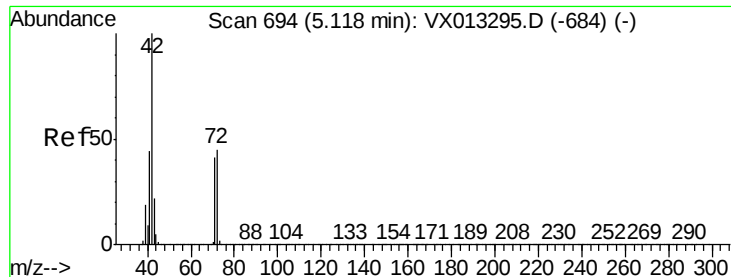


#28

Bromochloromethane
Concen: 49.734 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 49 Resp: 190020
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 78.6 63.8 95.6





#29

Tetrahydrofuran

Concen: 224.615 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

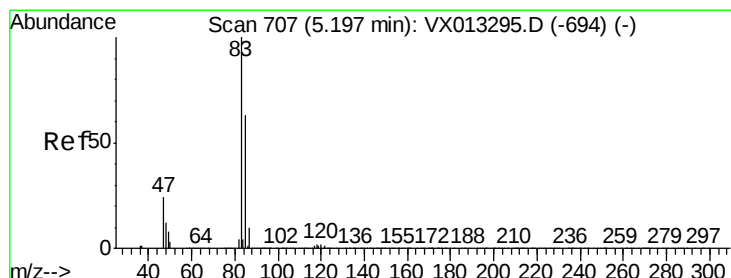
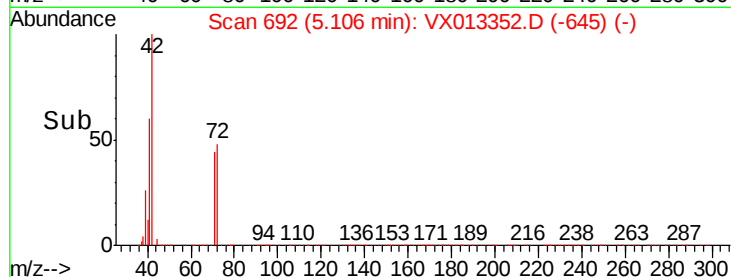
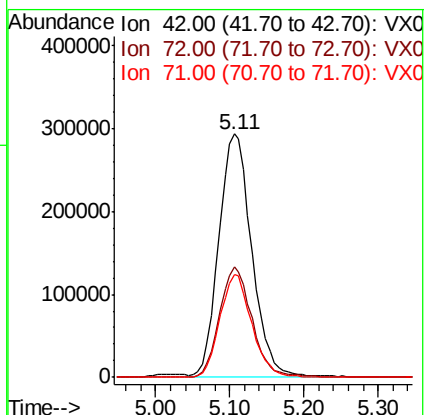
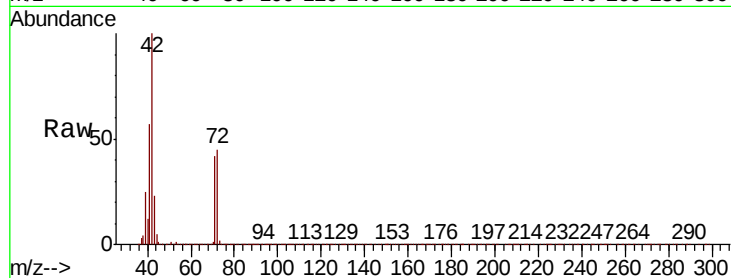
Tot Ion: 42 Resp: 897035

Ion Ratio Lower Upper

42 100

72 44.9 35.8 53.8

71 41.1 33.4 50.0



#30

Chloroform

Concen: 48.064 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013352.D

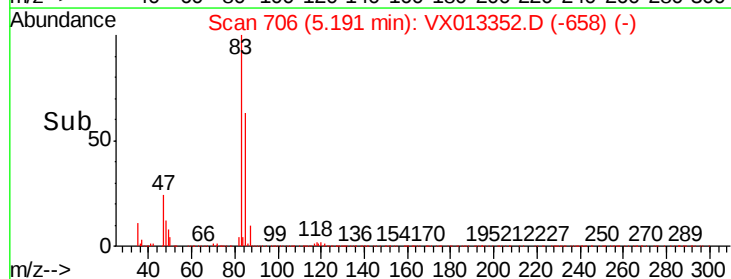
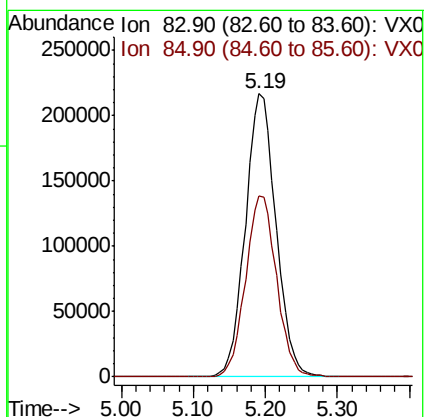
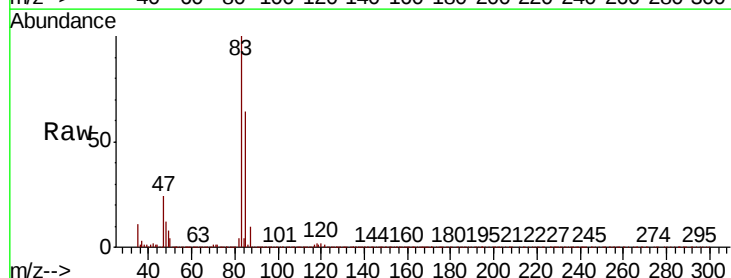
Acq: 08 Nov 2019 09:57

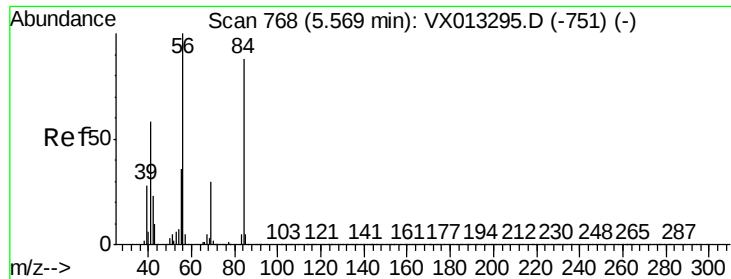
Tgt Ion: 83 Resp: 638653

Ion Ratio Lower Upper

83 100

85 63.9 50.2 75.4

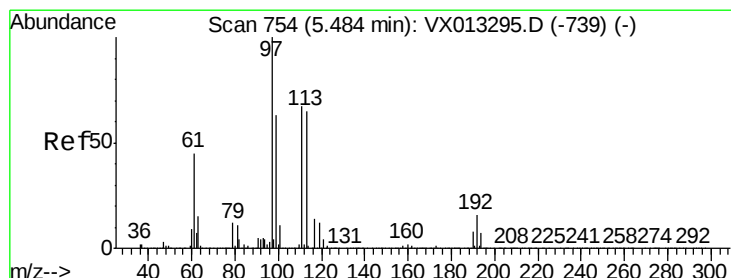
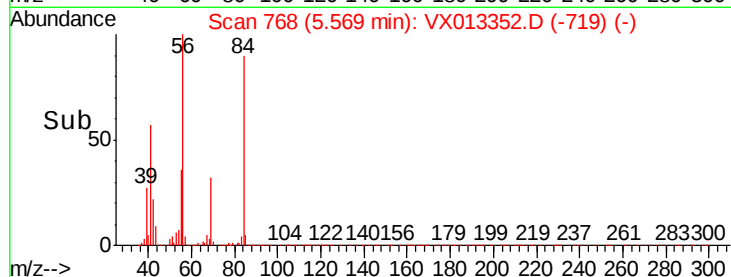
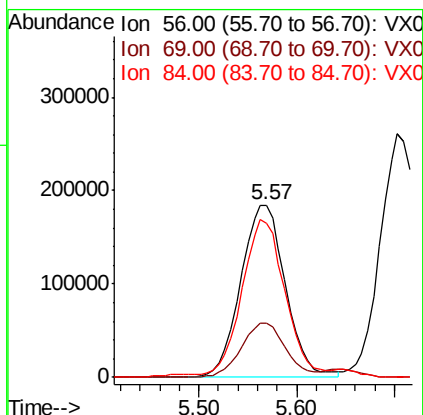
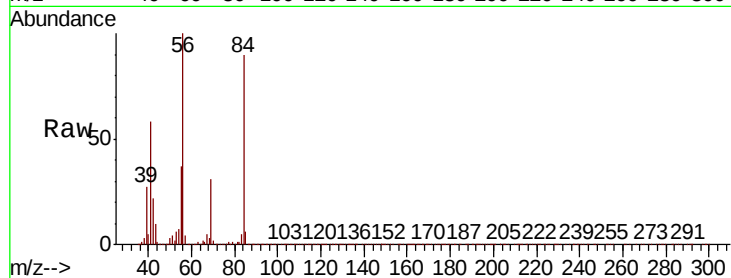




#31
Cyclohexane
Concen: 48.102 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

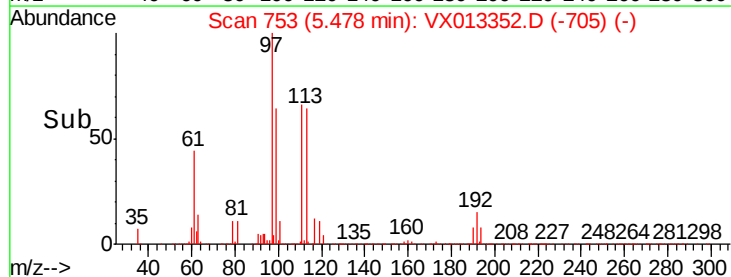
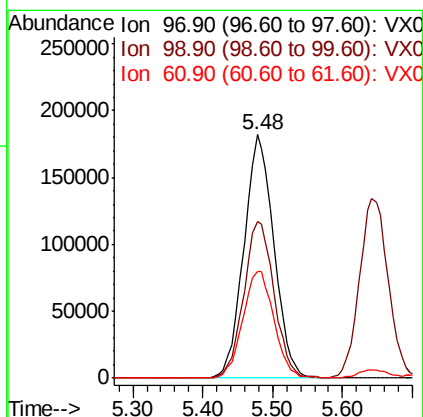
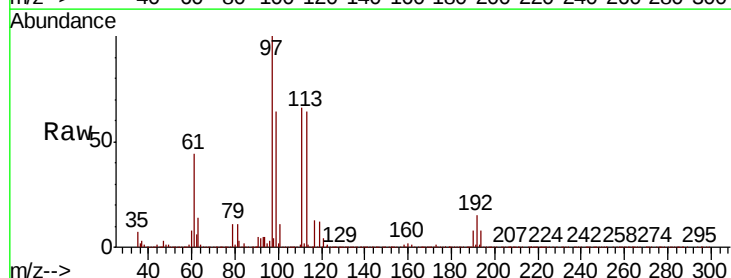
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

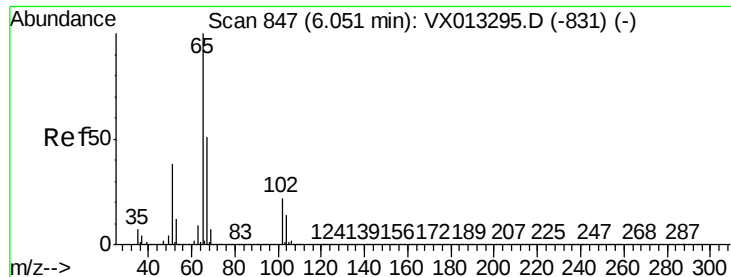
Tot Ion: 56 Resp: 582450
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 88.3 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 47.231 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 97 Resp: 540097
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 45.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.222 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

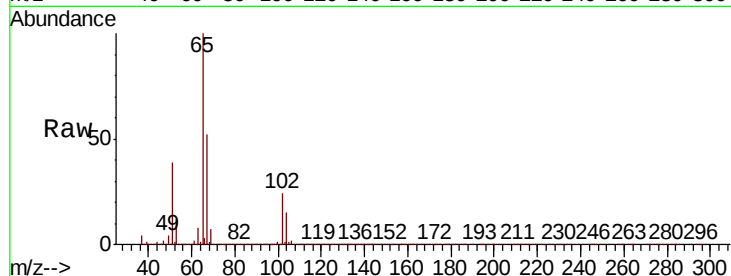
VSTDCCC050

Tot Ion: 65 Resp: 418231

Ion Ratio Lower Upper

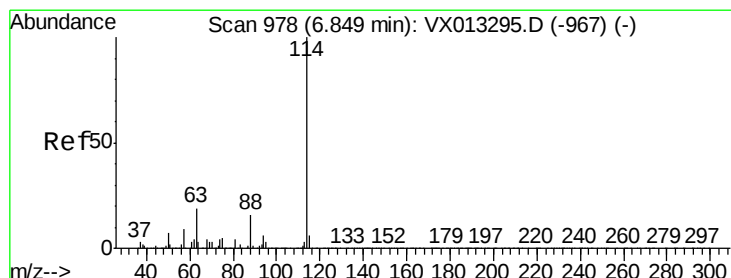
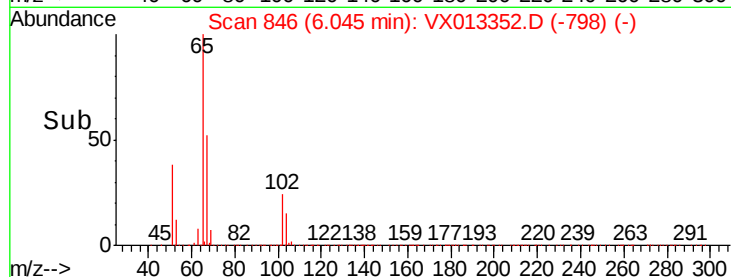
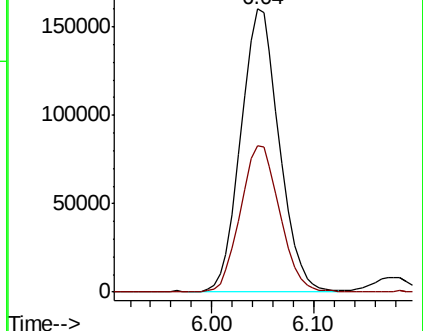
65 100

67 52.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

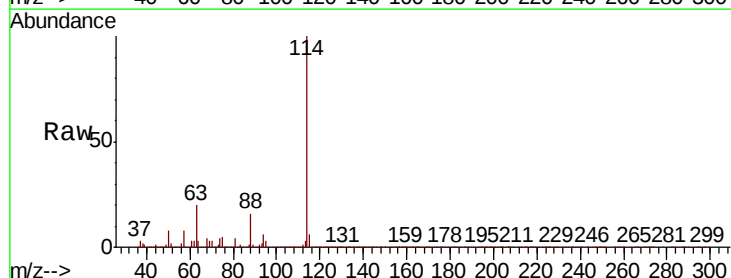
Tgt Ion: 114 Resp: 1121317

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

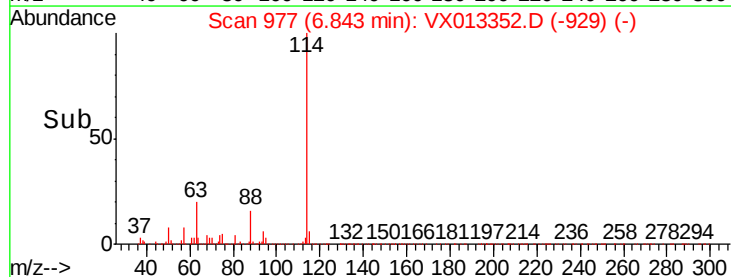
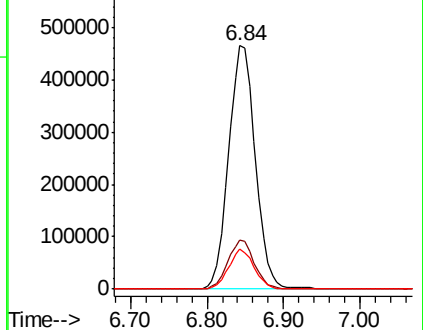
88 16.2 0.0 32.2

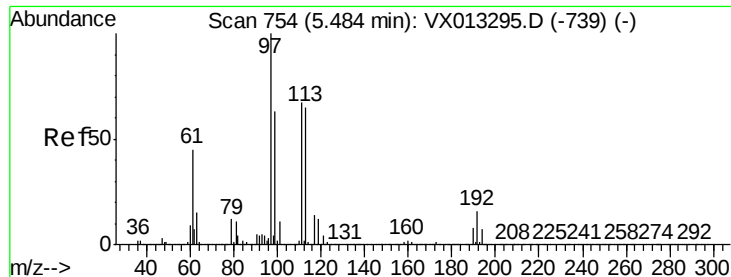


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

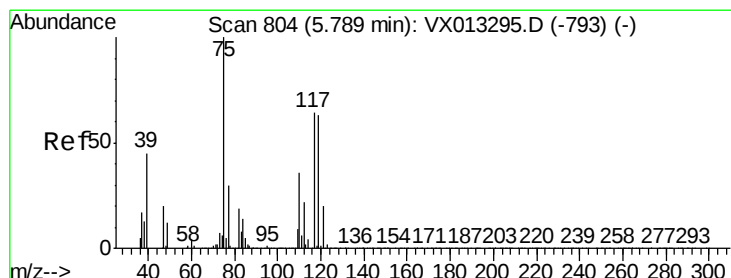
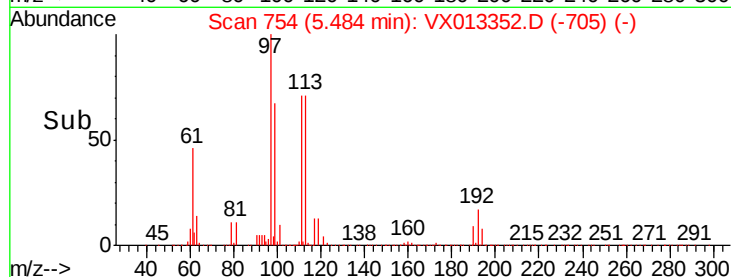
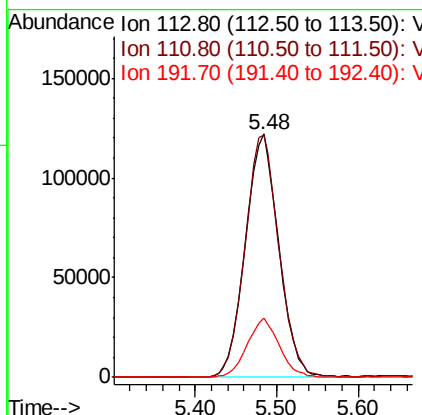
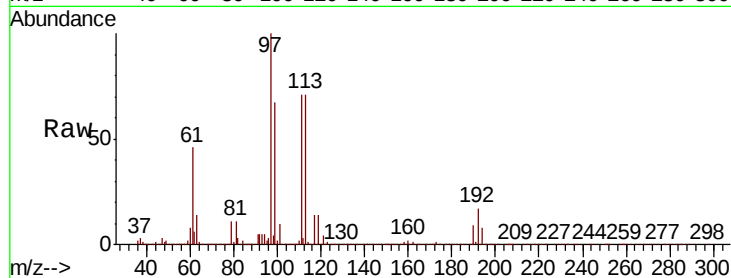




#35
 Dibromofluoromethane
 Concen: 49.513 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

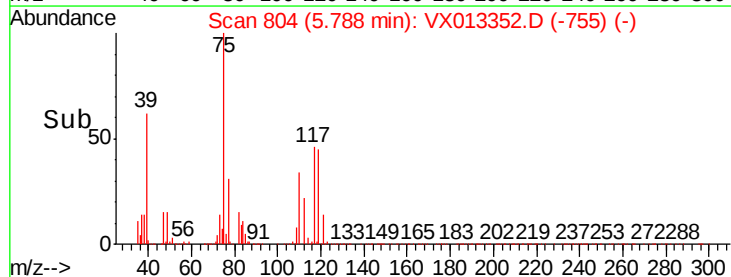
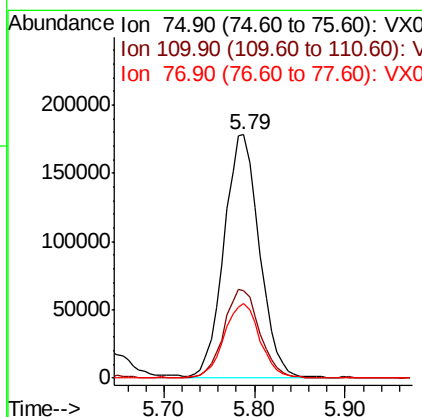
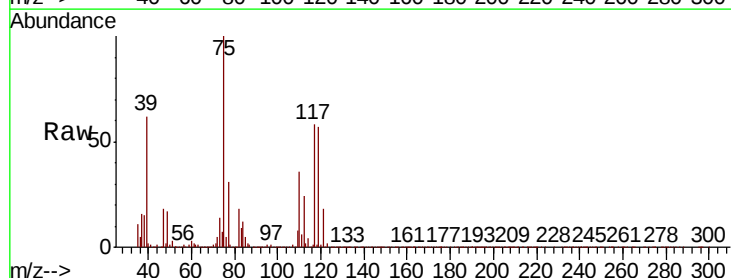
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

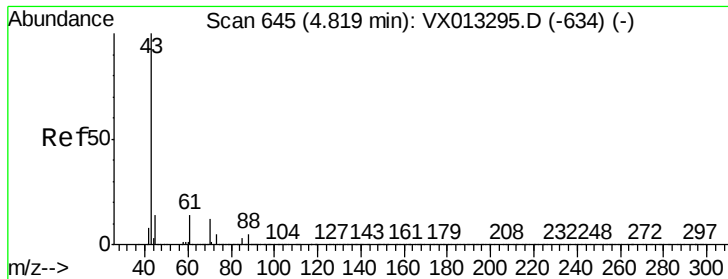
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.9	122.9
192	23.5	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 49.912 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.1
77	30.8	25.0	37.4

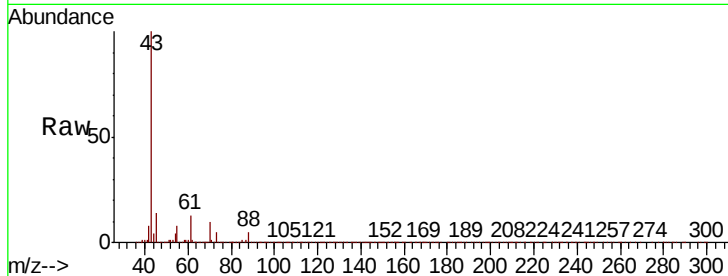




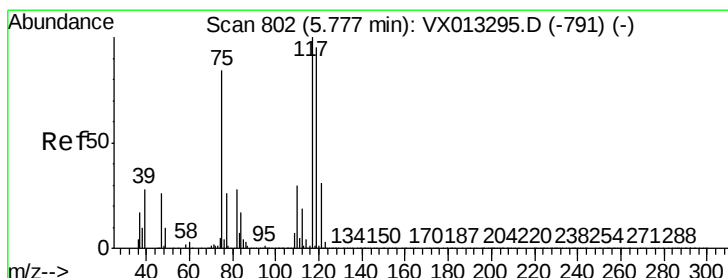
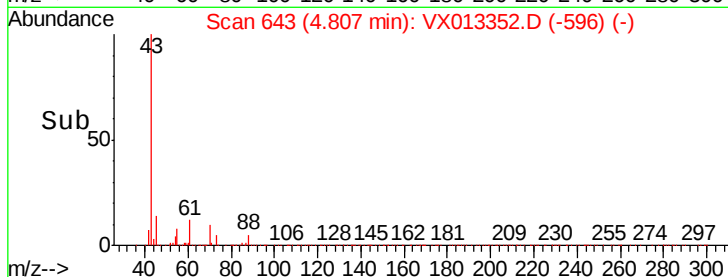
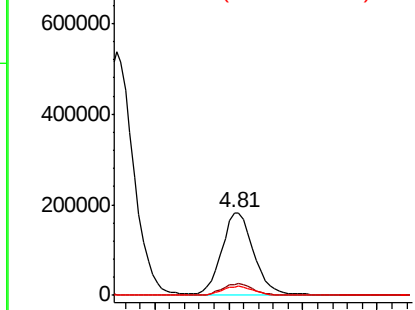
#37
Ethyl Acetate
Concen: 45.750 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 543804
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 10.4 8.7 13.1

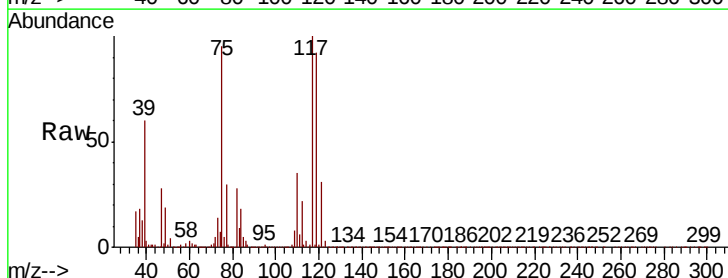


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

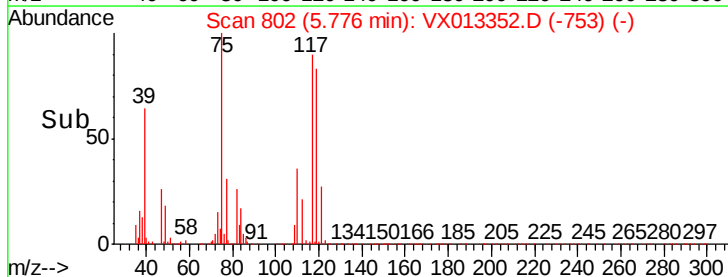
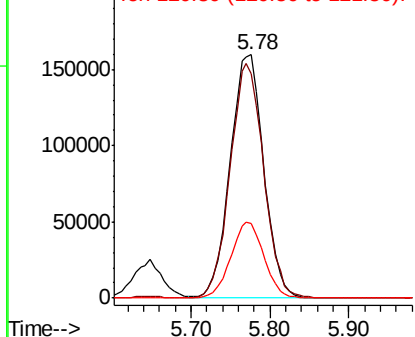


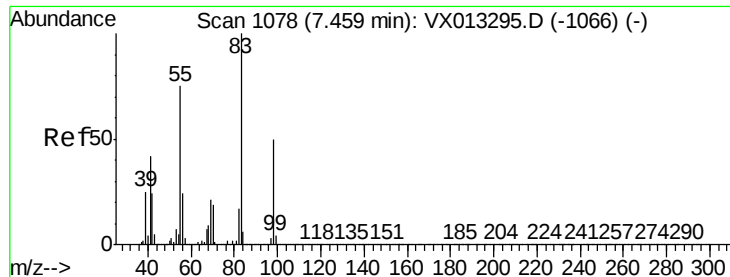
#38
Carbon Tetrachloride
Concen: 50.073 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 117 Resp: 471020
Ion Ratio Lower Upper
117 100
119 92.5 76.1 114.1
121 30.7 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

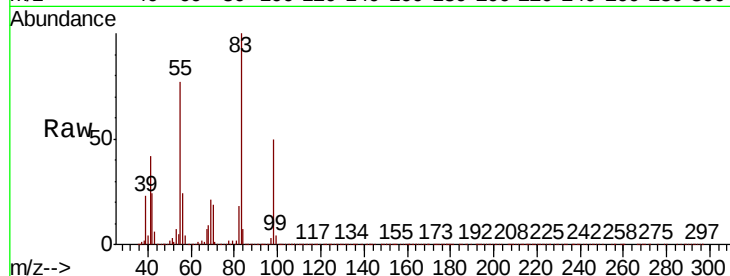




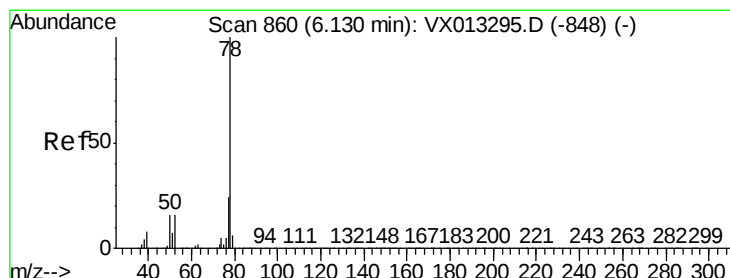
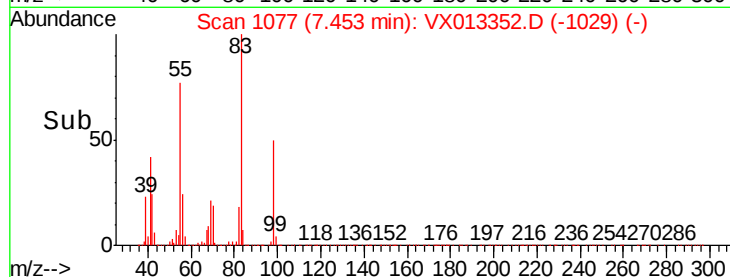
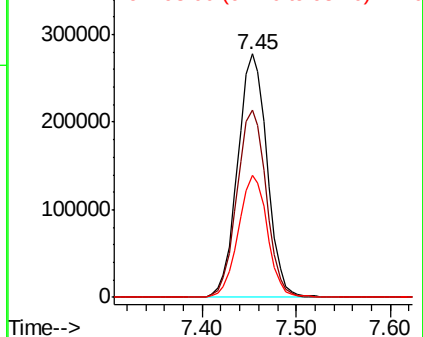
#39
Methvlcvclohexane
Concen: 50.455 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 604758
Ion Ratio Lower Upper
83 100
55 76.7 60.3 90.5
98 50.1 40.3 60.5

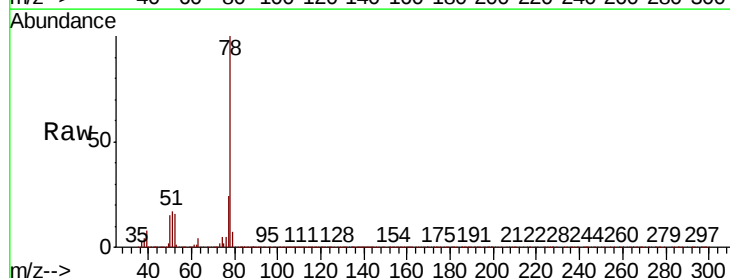


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

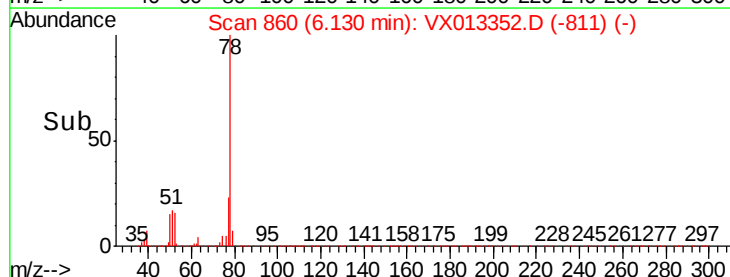
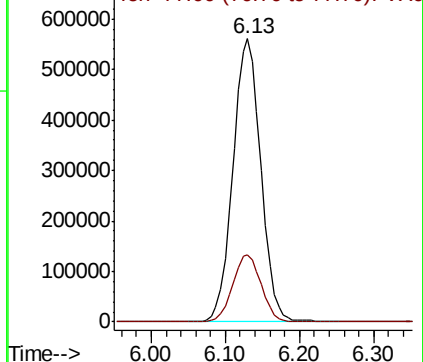


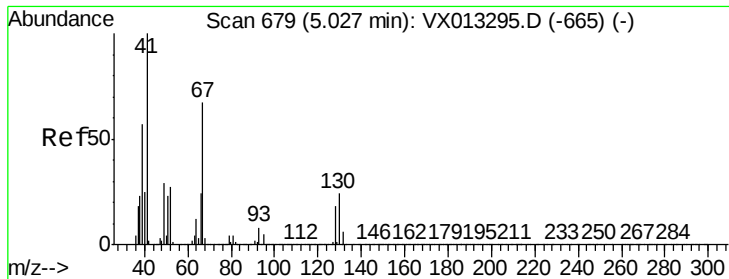
#40
Benzene
Concen: 49.014 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 78 Resp: 1468677
Ion Ratio Lower Upper
78 100
77 23.9 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: 47.009 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 313190

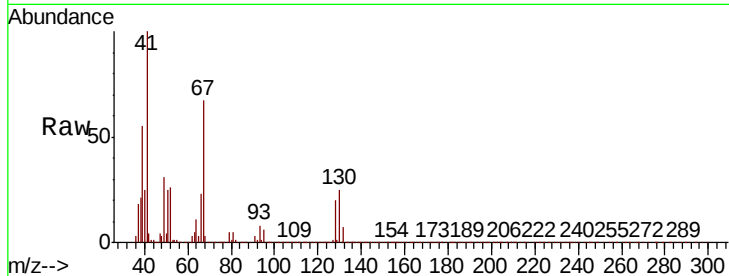
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.0	67.6
67	70.5	55.4	83.2
52	27.4	23.1	34.7

41 100

39 54.9 45.0 67.6

67 70.5 55.4 83.2

52 27.4 23.1 34.7



Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->

4.90 4.95 5.00 5.05 5.10

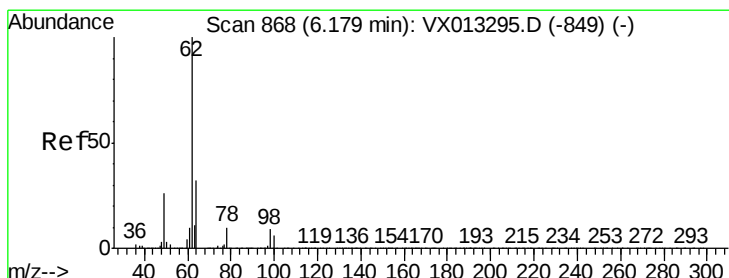
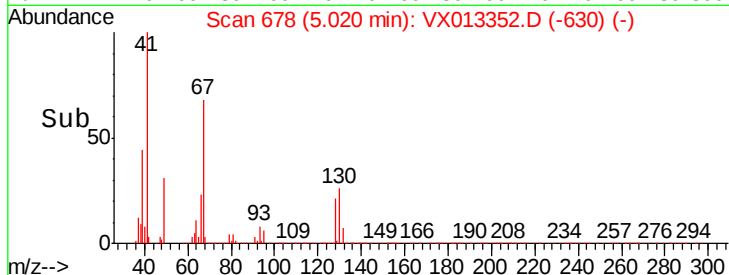
5.02

150000

100000

50000

0



#42

1,2-Dichloroethane

Concen: 48.145 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013352.D

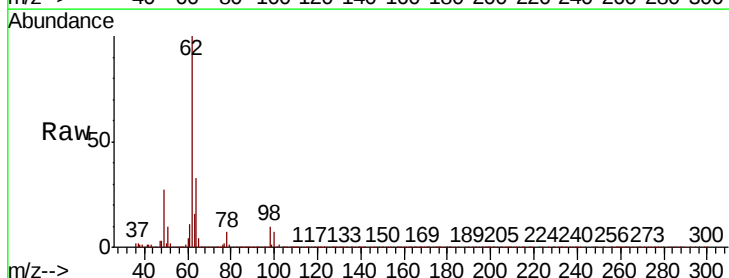
Acq: 08 Nov 2019 09:57

Tgt Ion: 62 Resp: 520371

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4

62 100

98 10.5 0.0 19.4



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->

6.00 6.10 6.20 6.30

6.18

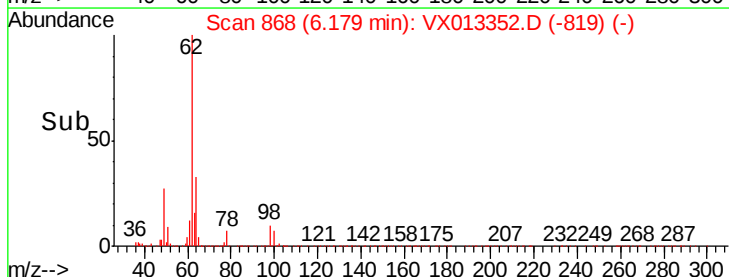
200000

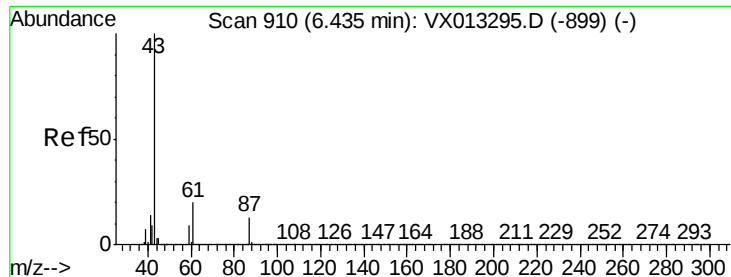
150000

100000

50000

0



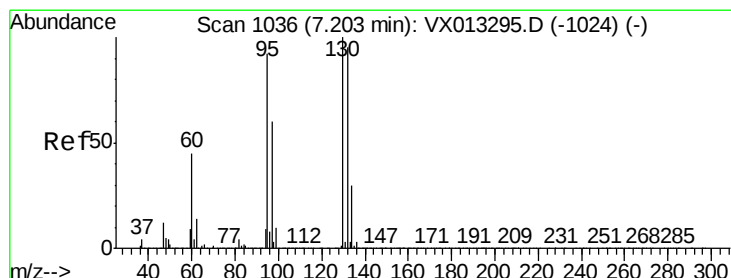
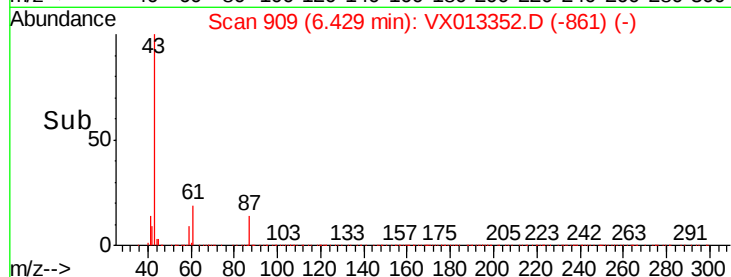
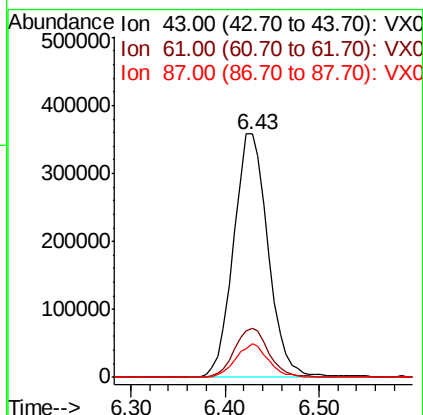
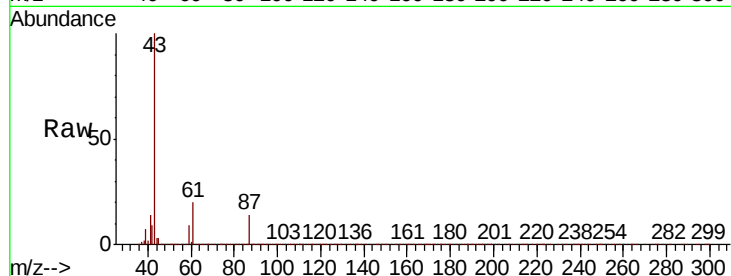


#43

Isopropyl Acetate
 Concen: 49.284 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

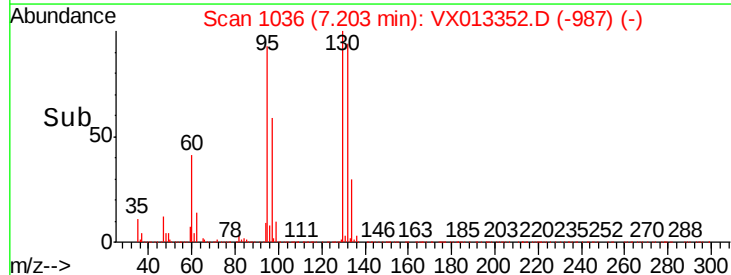
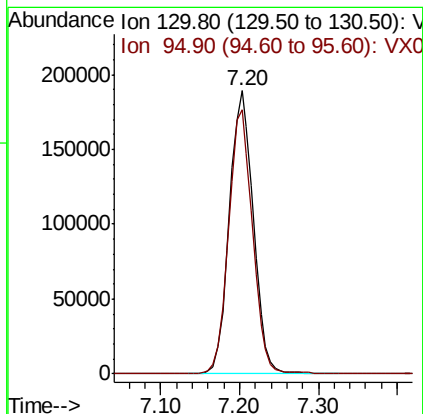
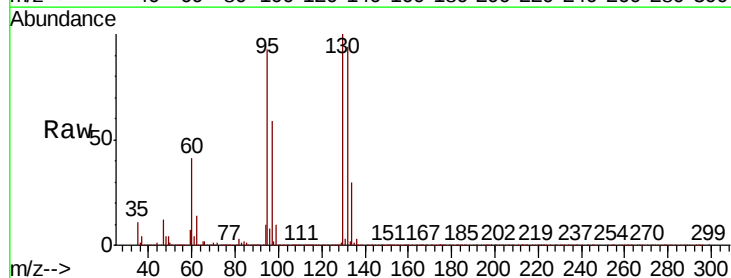
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.8	23.8
87	13.1	10.4	15.6

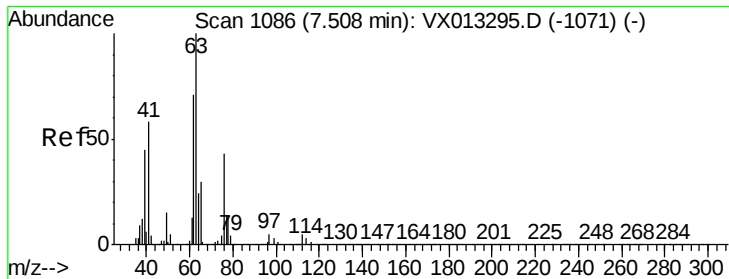


#44

Trichloroethene
 Concen: 48.409 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	184.8





#45

1,2-Dichloropropane

Concen: 50.864 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

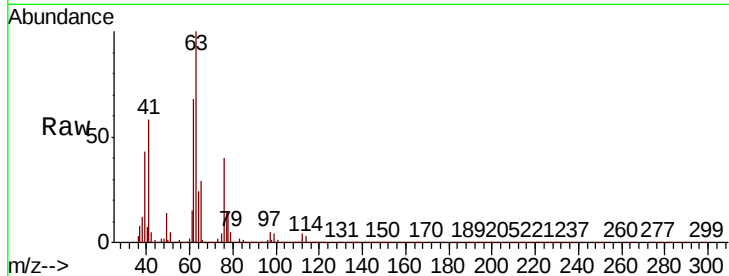
VSTDCCC050

Tot Ion: 63 Resp: 388333

Ion Ratio Lower Upper

63 100

65 29.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

200000

150000

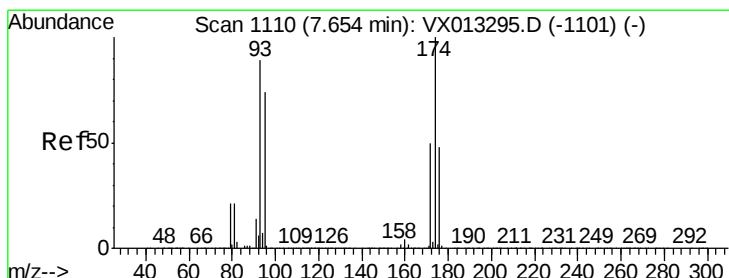
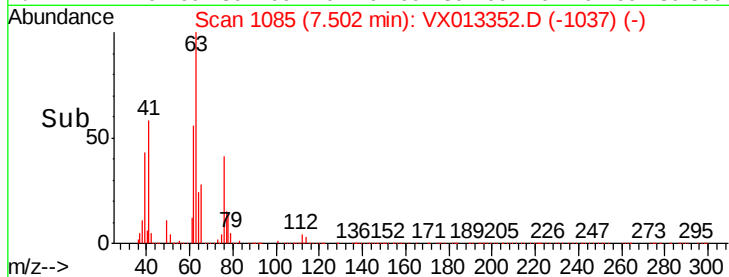
100000

50000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 48.650 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

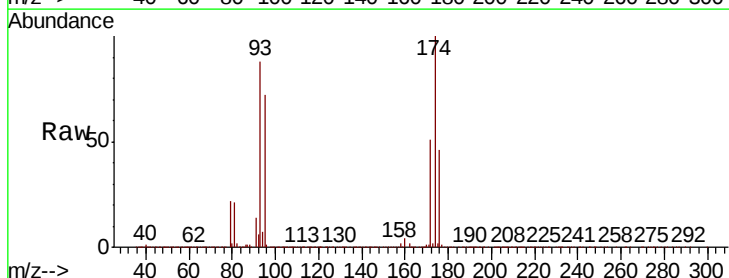
Tgt Ion: 93 Resp: 253608

Ion Ratio Lower Upper

93 100

95 84.8 65.8 98.6

174 116.8 90.4 135.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

200000

150000

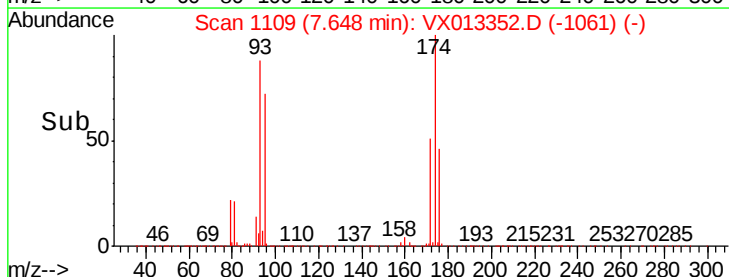
100000

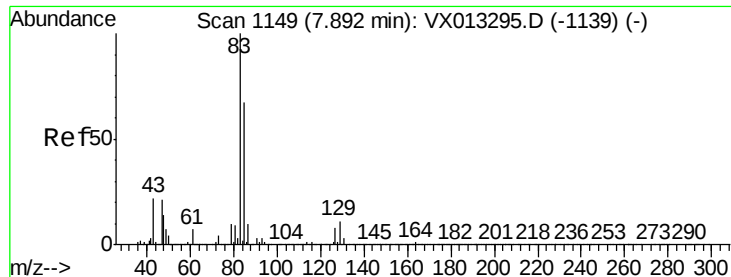
50000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 51.739 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

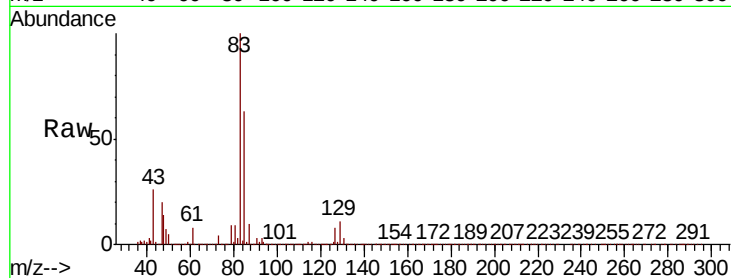
Tot Ion: 83 Resp: 508585

Ion Ratio Lower Upper

83 100

85 63.1 53.7 80.5

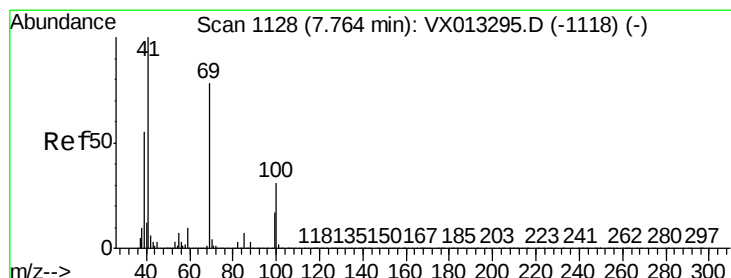
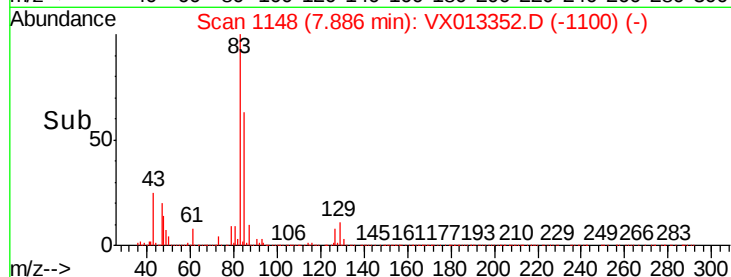
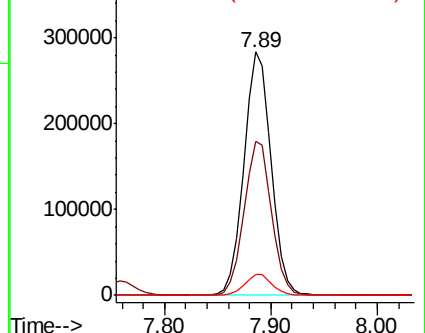
127 8.3 6.4 9.6



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: 49.787 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

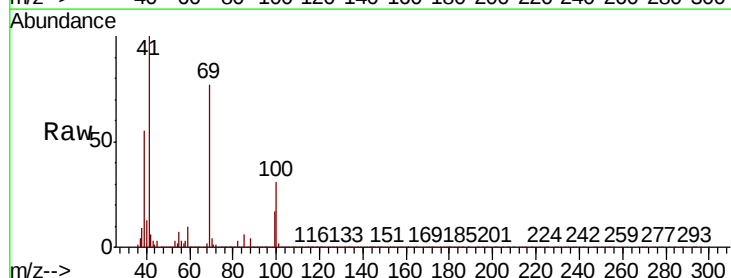
Tgt Ion: 41 Resp: 460003

Ion Ratio Lower Upper

41 100

69 79.6 63.0 94.6

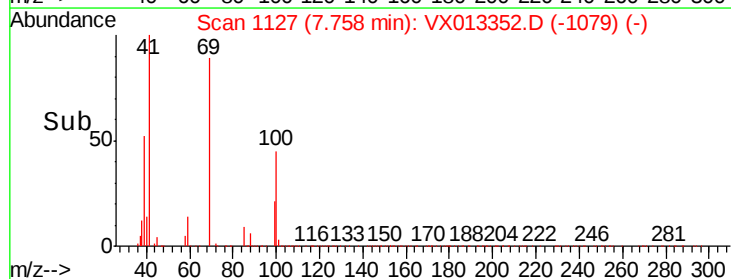
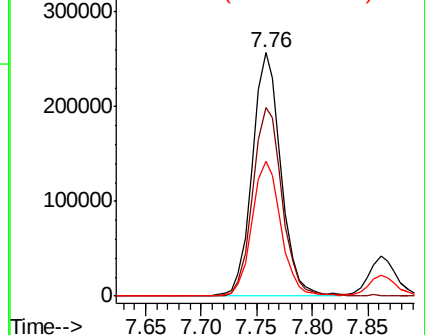
39 55.6 45.9 68.9

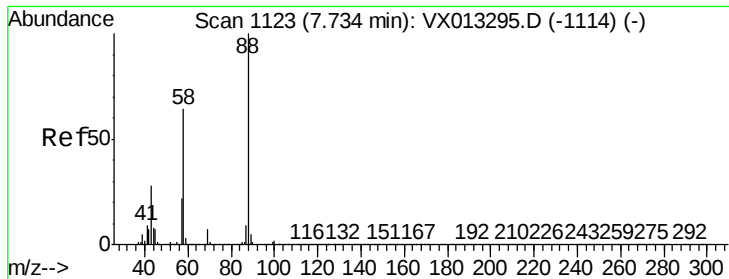


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 846.069 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

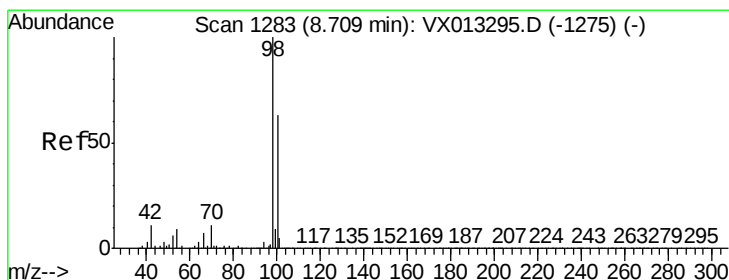
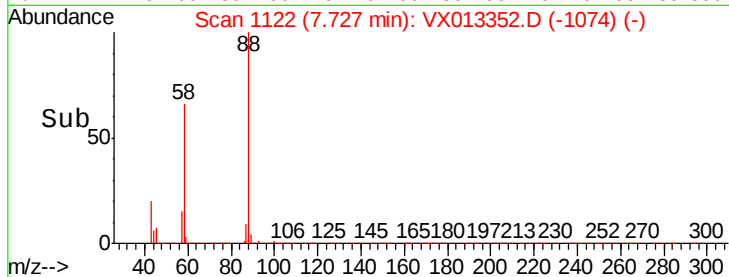
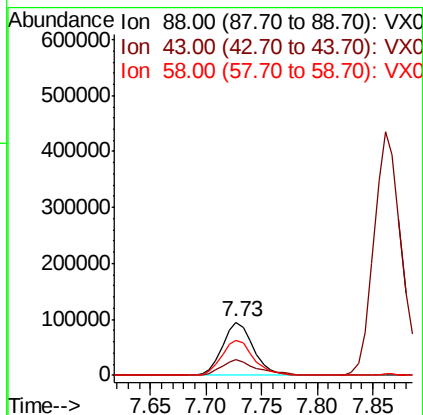
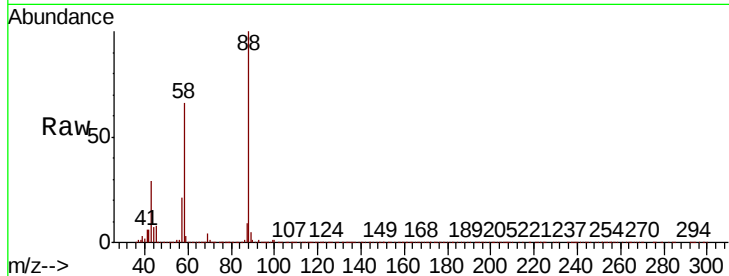
Tot Ion: 88 Resp: 179023

Ion Ratio Lower Upper

88 100

43 32.1 26.6 39.8

58 69.6 55.0 82.6



#50

Toluene-d8

Concen: 49.187 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013352.D

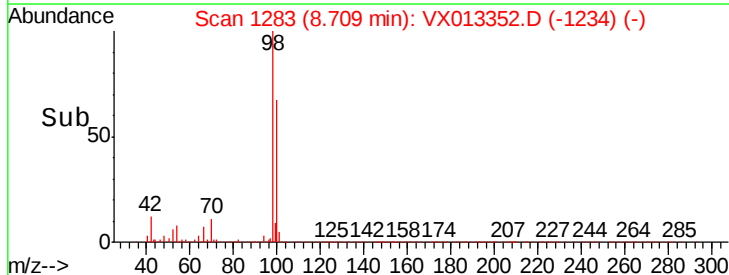
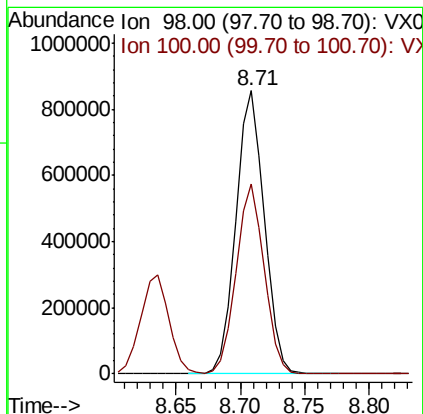
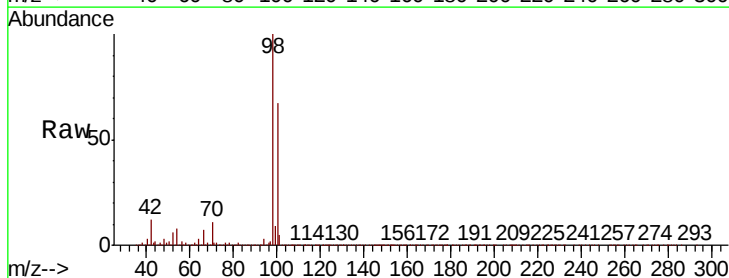
Acq: 08 Nov 2019 09:57

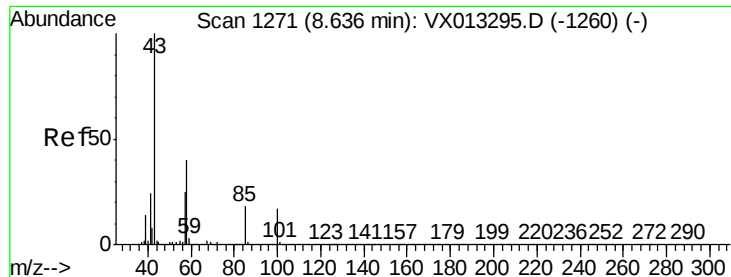
Tgt Ion: 98 Resp: 1304134

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2

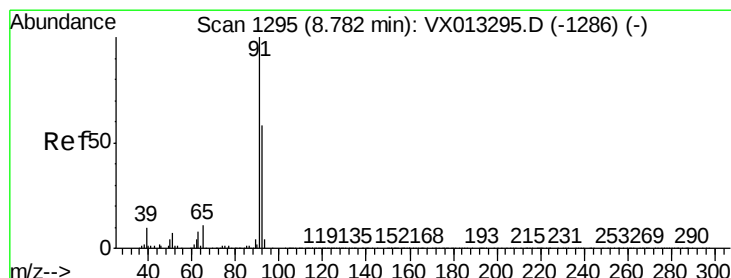
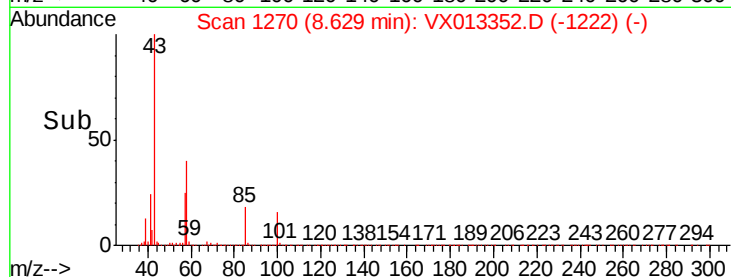
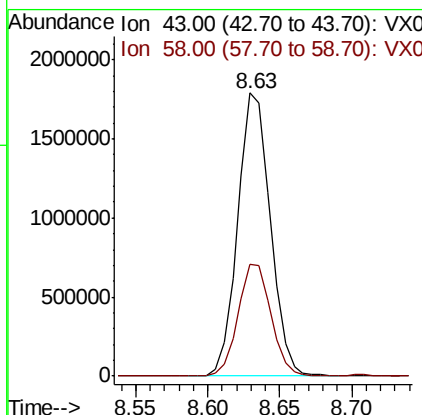
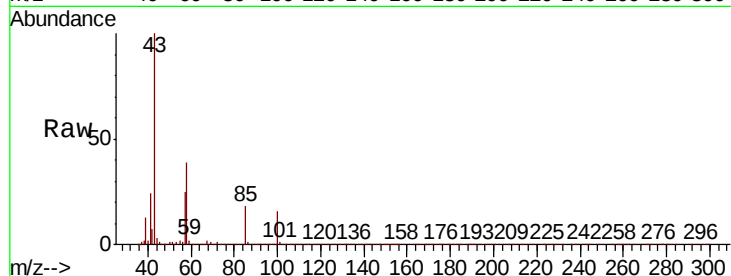




#51
4-Methyl-2-Pentanone
Concen: 231.991 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

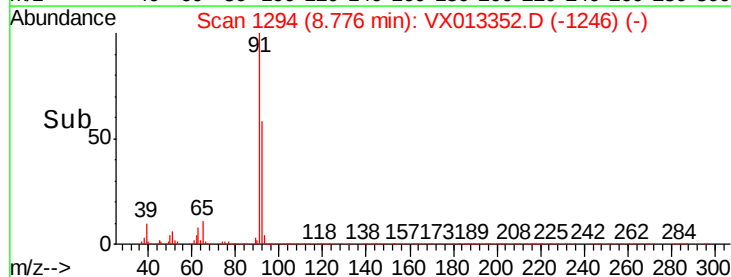
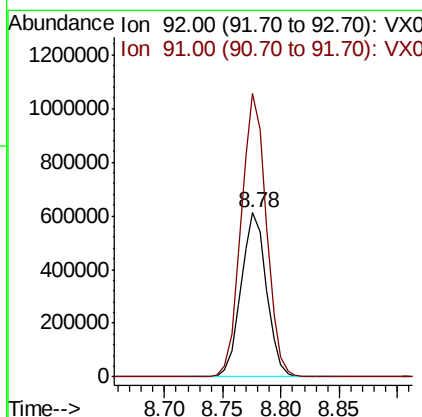
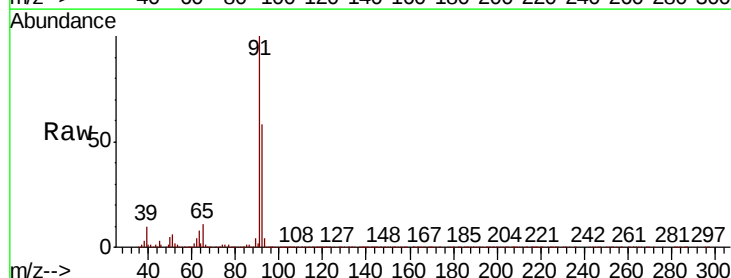
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

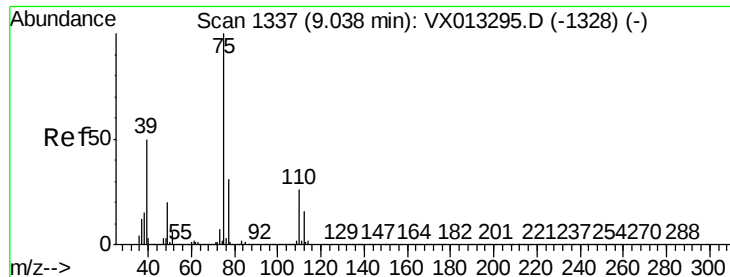
Tot Ion: 43 Resp: 2817246
Ion Ratio Lower Upper
43 100
58 39.9 31.4 47.0



#52
Toluene
Concen: 50.156 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 92 Resp: 931486
Ion Ratio Lower Upper
92 100
91 172.0 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 53.190 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

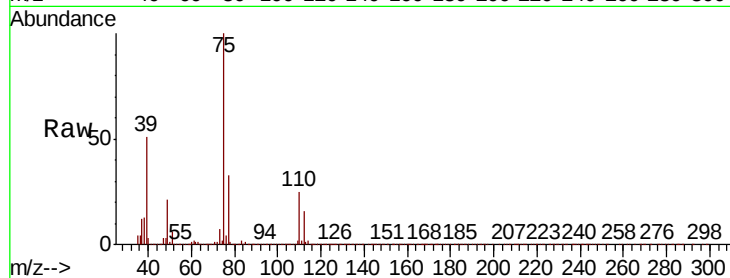
VSTDCCC050

Tot Ion: 75 Resp: 571732

Ion Ratio Lower Upper

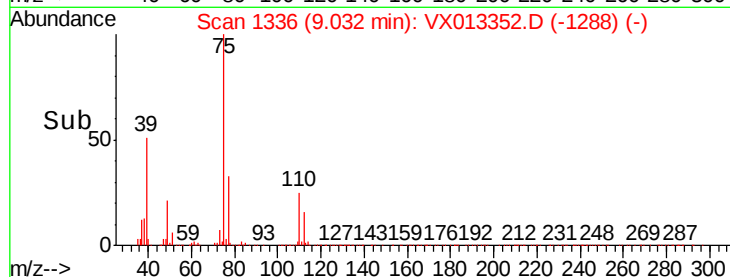
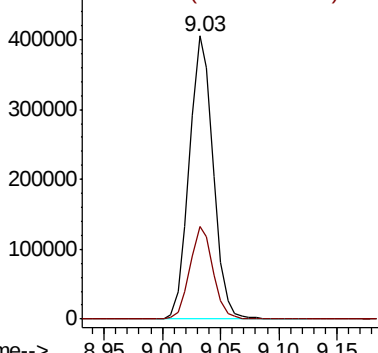
75 100

77 32.7 25.0 37.4

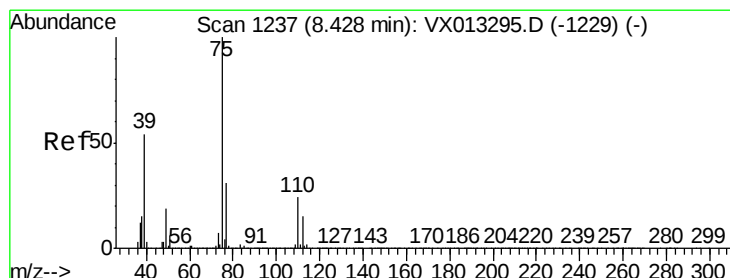


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.141 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

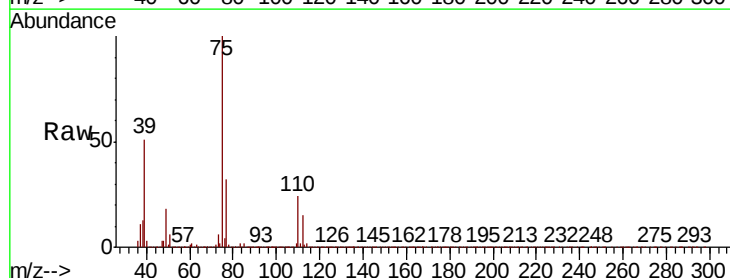
Tgt Ion: 75 Resp: 638961

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

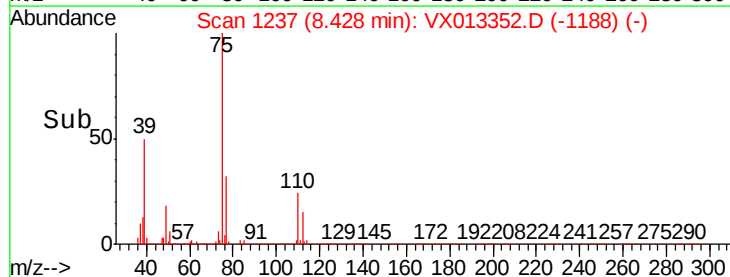
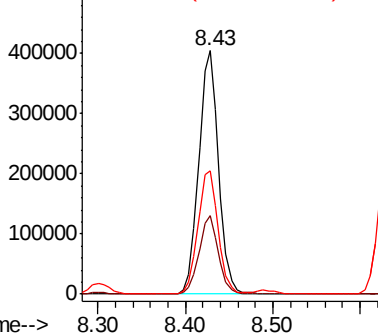
39 50.5 43.0 64.6

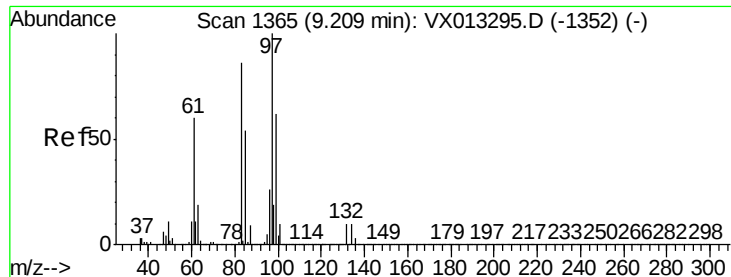


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.679 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 390116

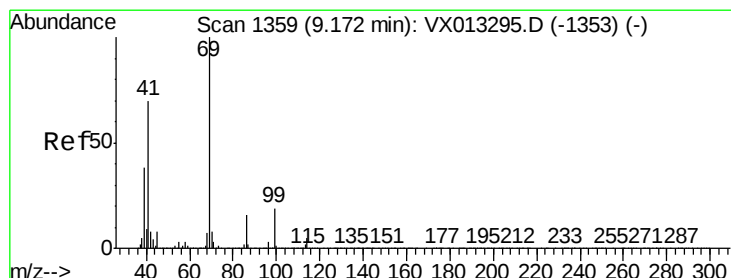
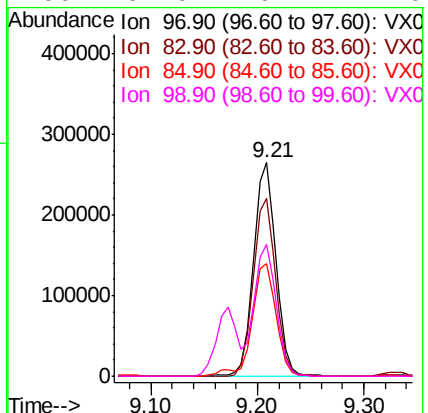
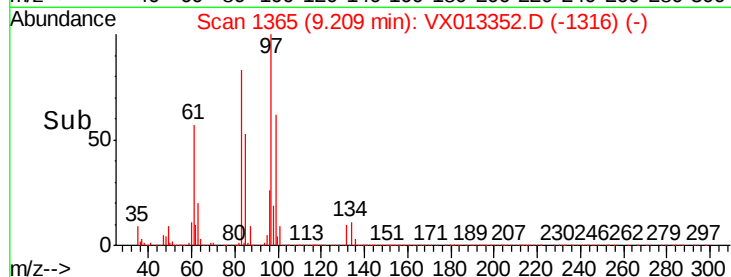
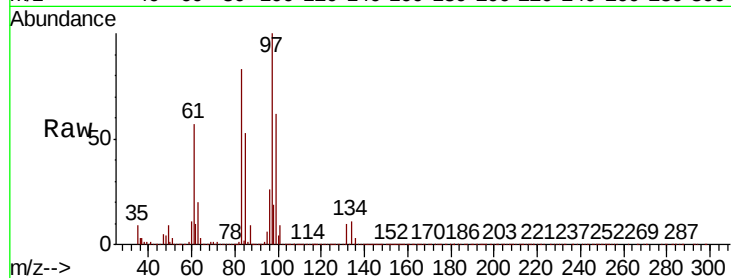
Ion Ratio Lower Upper

97 100

83 83.1 68.6 103.0

85 52.7 43.1 64.7

99 62.0 49.4 74.0



#56

Ethyl methacrylate

Concen: 47.780 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

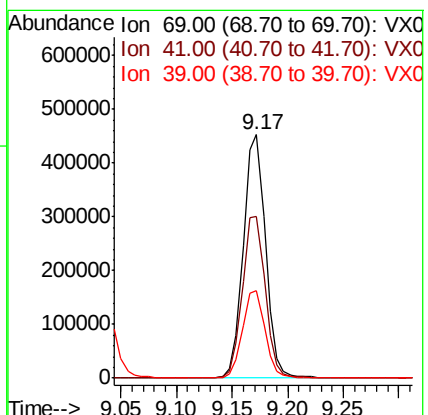
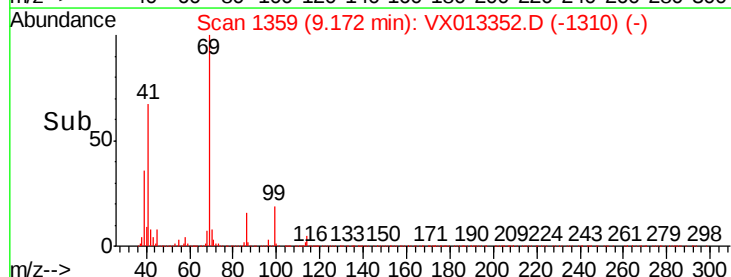
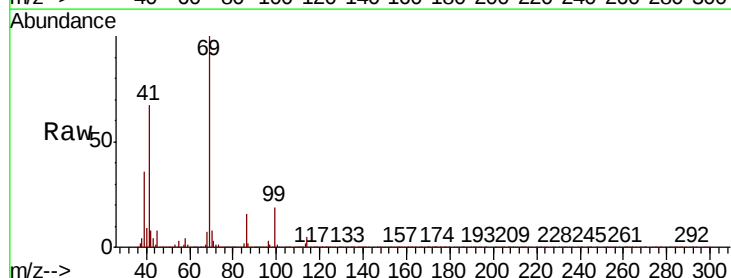
Tgt Ion: 69 Resp: 626967

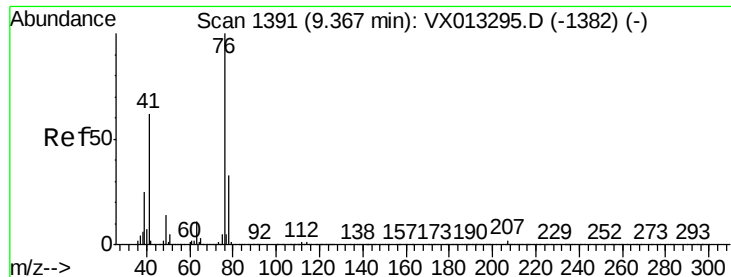
Ion Ratio Lower Upper

69 100

41 68.2 56.2 84.2

39 36.4 31.1 46.7





#57

1,3-Dichloropropane

Concen: 49.526 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

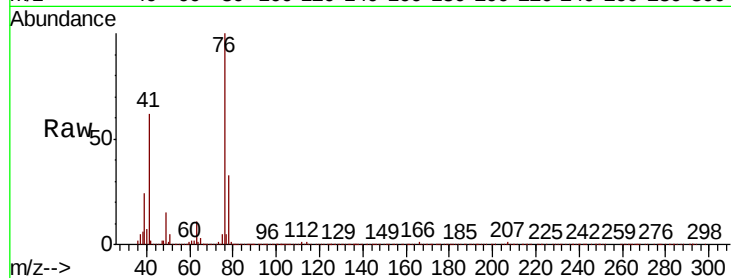
VSTDCCC050

Tot Ion: 76 Resp: 647172

Ion Ratio Lower Upper

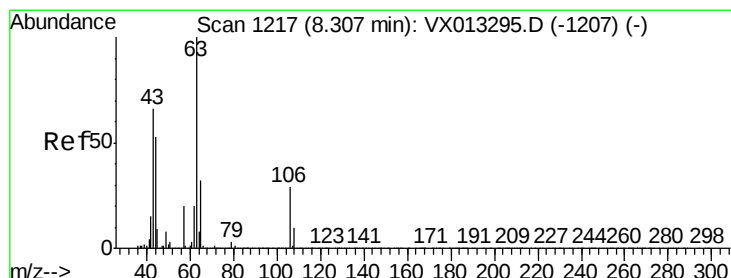
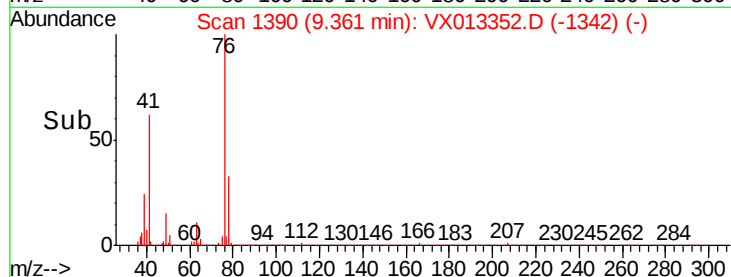
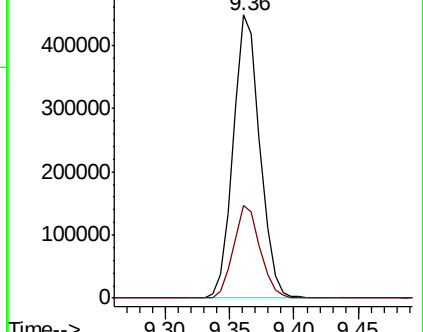
76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 257.792 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013352.D

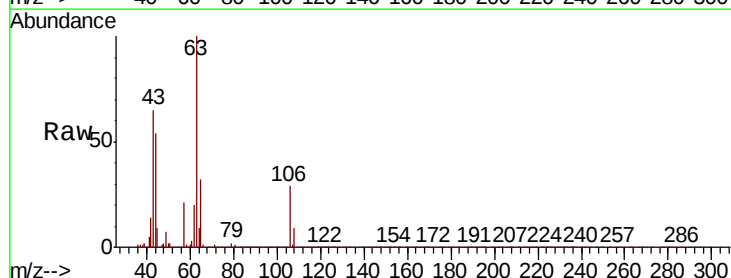
Acq: 08 Nov 2019 09:57

Tgt Ion: 63 Resp: 1356856

Ion Ratio Lower Upper

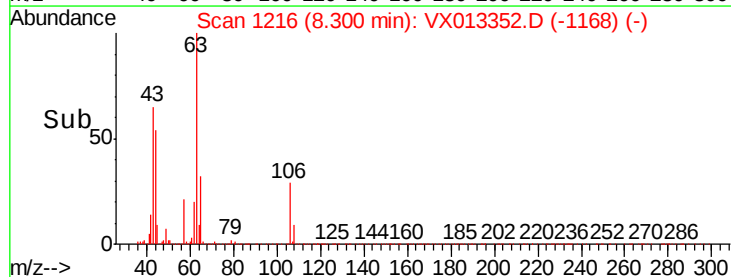
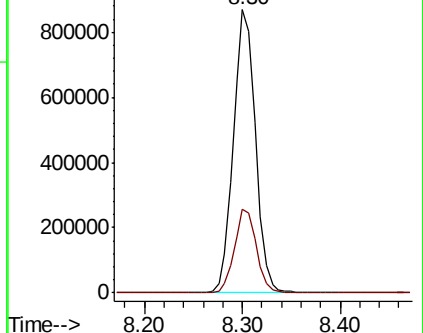
63 100

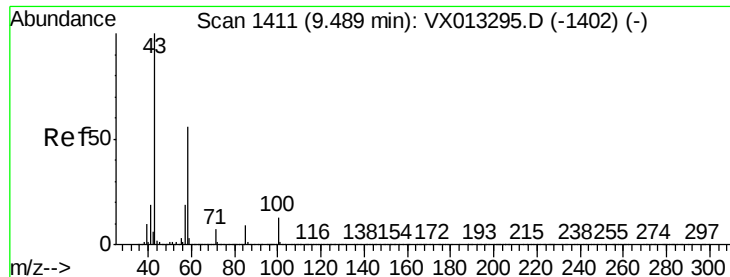
106 29.6 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 243.429 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

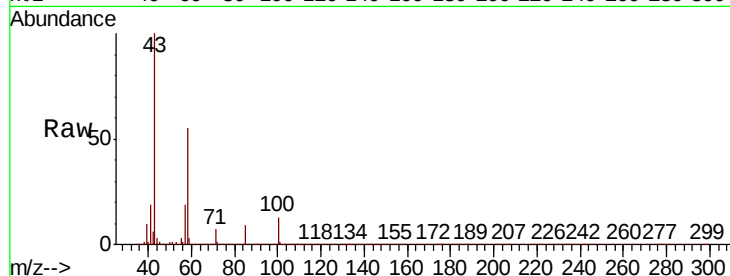
VSTDCCC050

Tot Ion: 43 Resp: 2284439

Ion Ratio Lower Upper

43 100

58 55.0 27.3 81.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000000

1500000

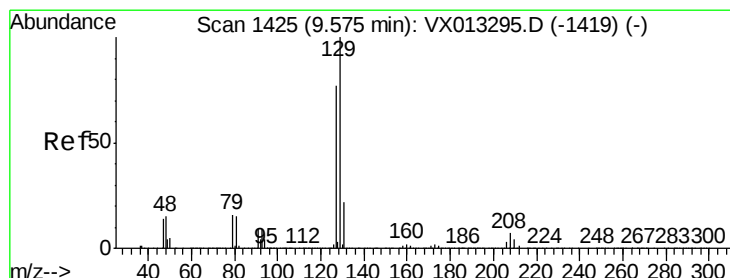
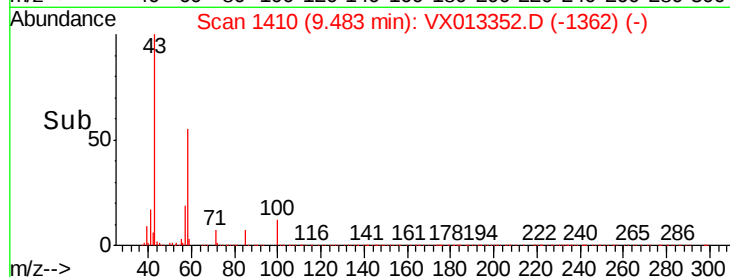
1000000

500000

0

9.40 9.50 9.60

Time-->



#60

Dibromochloromethane

Concen: 52.875 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013352.D

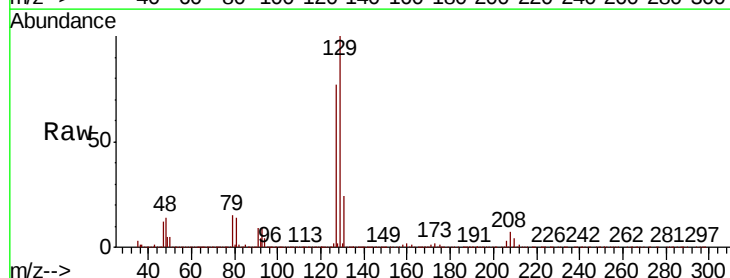
Acq: 08 Nov 2019 09:57

Tgt Ion: 129 Resp: 416271

Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

300000

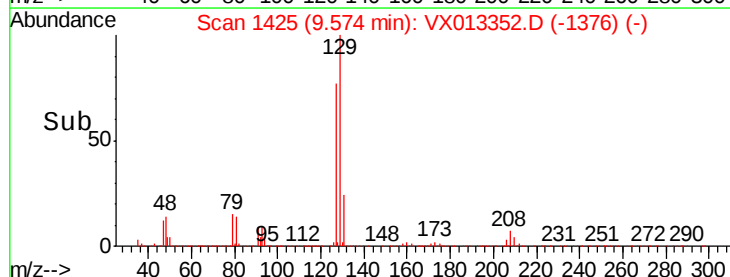
200000

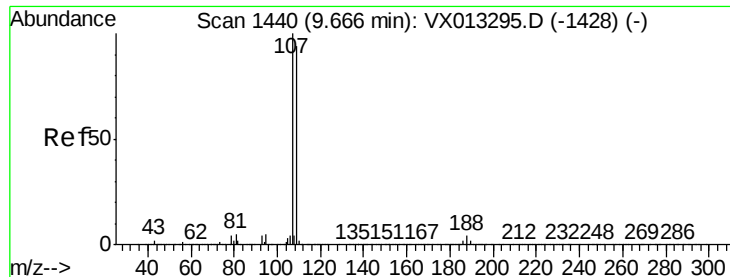
100000

0

9.45 9.50 9.55 9.60 9.65

Time-->





#61

1,2-Dibromoethane

Concen: 49.821 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

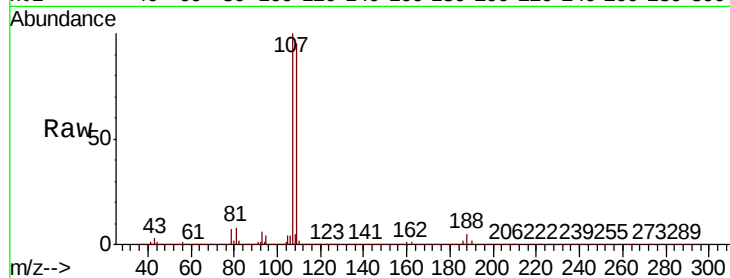
VSTDCCC050

Tot Ion:107 Resp: 407246

Ion Ratio Lower Upper

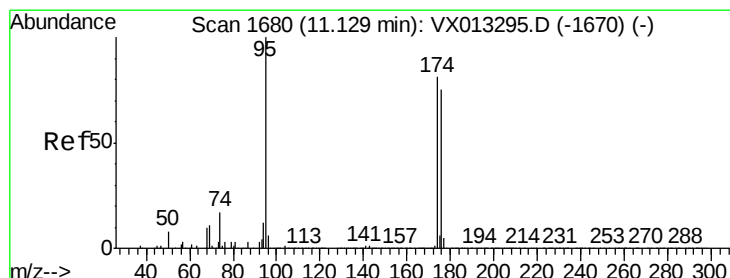
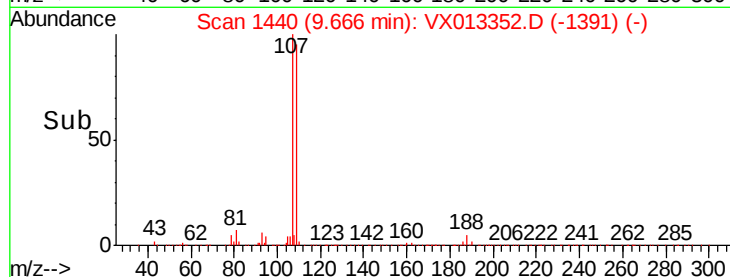
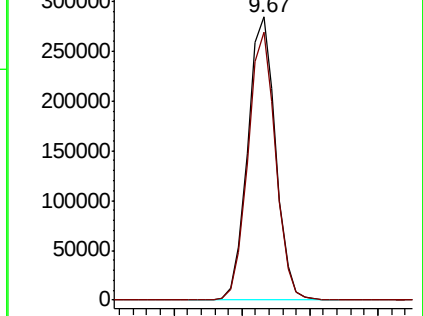
107 100

109 93.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.636 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

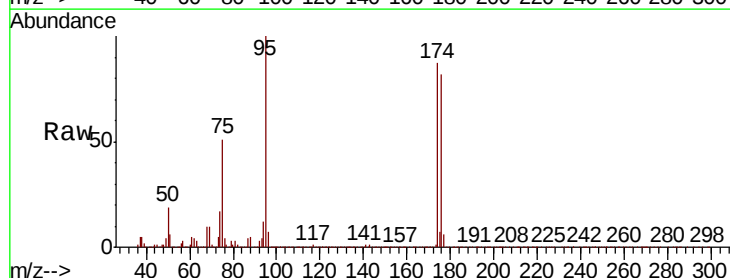
Tgt Ion: 95 Resp: 474970

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

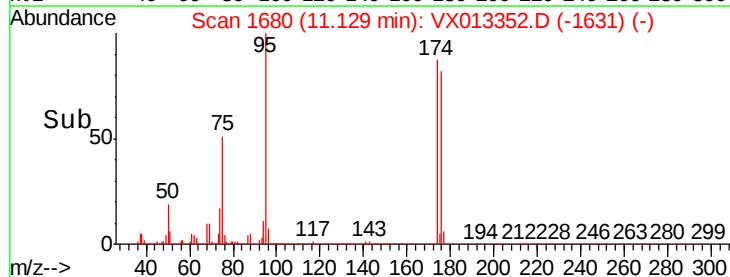
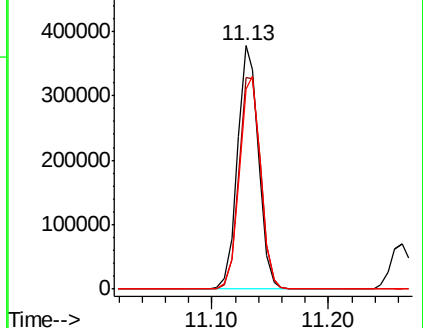
176 88.3 0.0 173.0

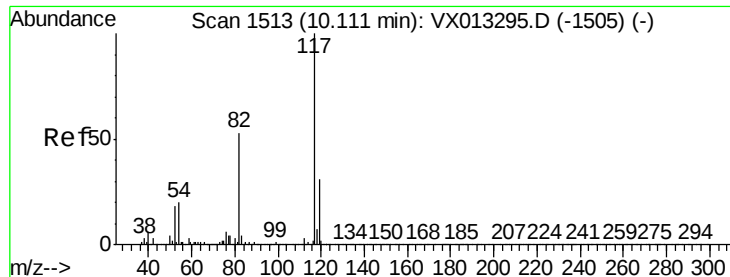


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

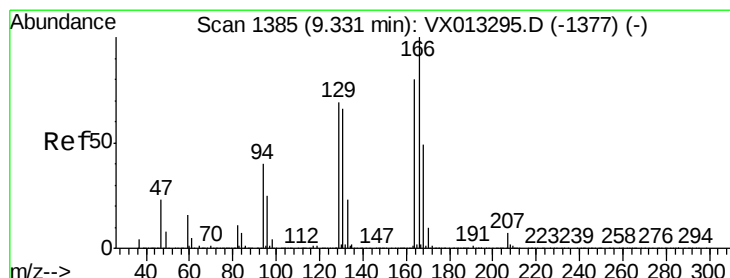
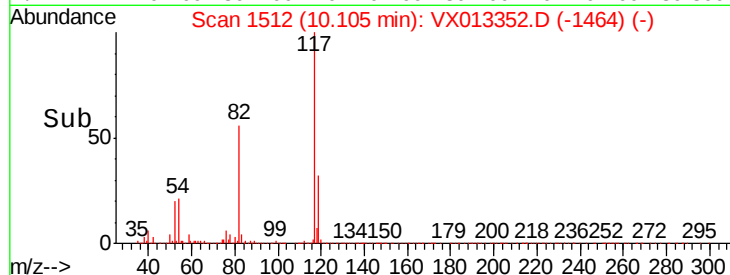
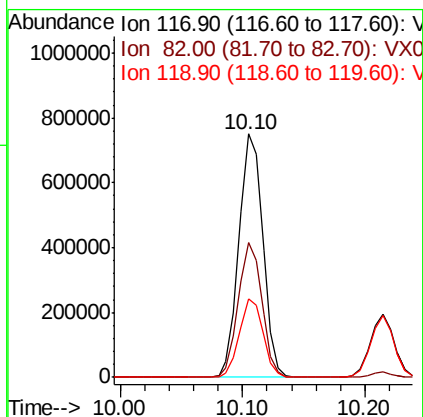
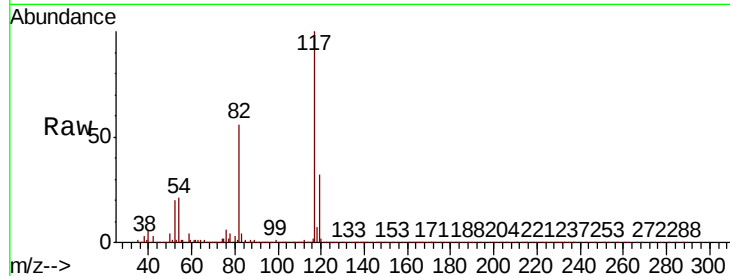




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

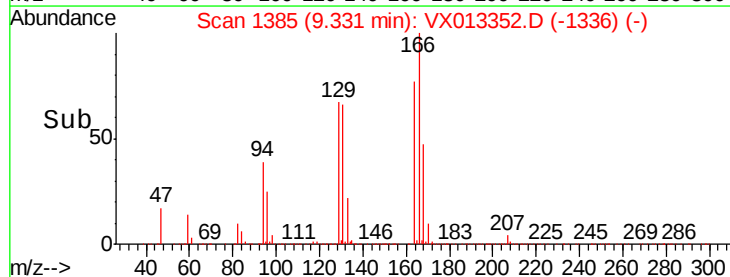
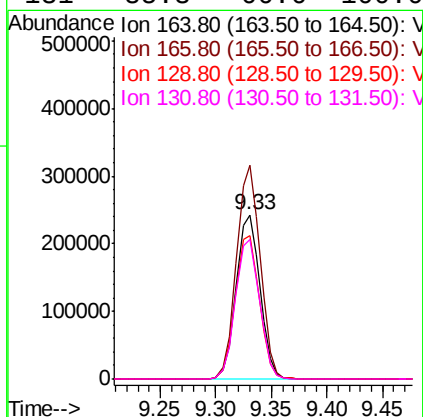
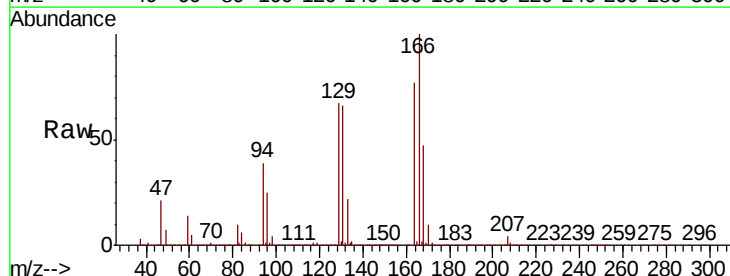
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

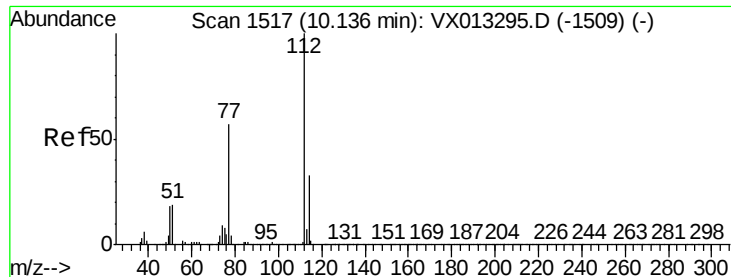
Tot Ion:117 Resp: 1016768
Ion Ratio Lower Upper
117 100
82 55.5 42.6 64.0
119 32.0 24.8 37.2



#64
Tetrachloroethene
Concen: 49.416 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion:164 Resp: 359689
Ion Ratio Lower Upper
164 100
166 130.2 100.4 150.6
129 87.1 69.4 104.2
131 85.3 66.6 100.0





#65

Chlorobenzene

Concen: 49.596 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

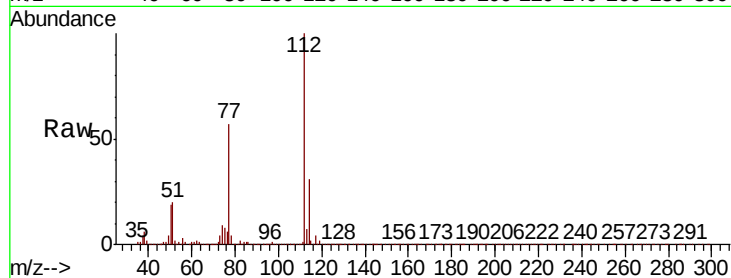
VSTDCCC050

Tot Ion:112 Resp: 1020928

Ion Ratio Lower Upper

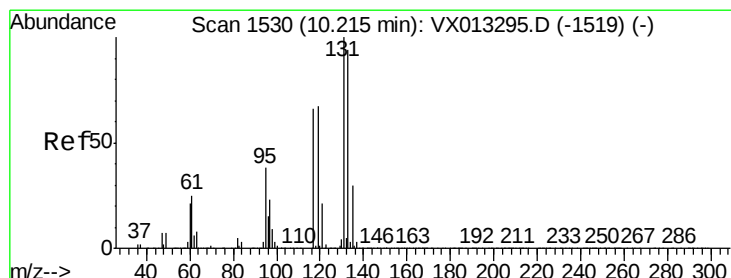
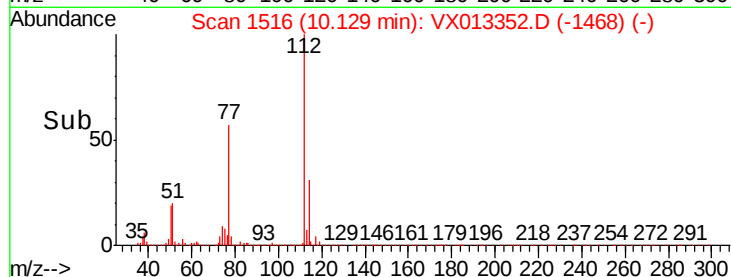
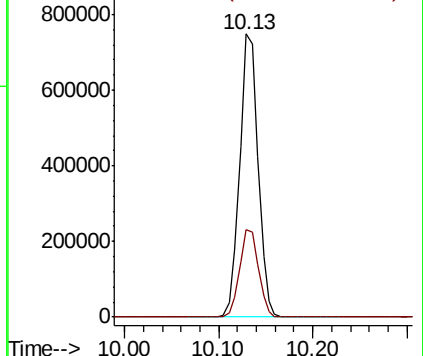
112 100

114 30.7 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: 50.508 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

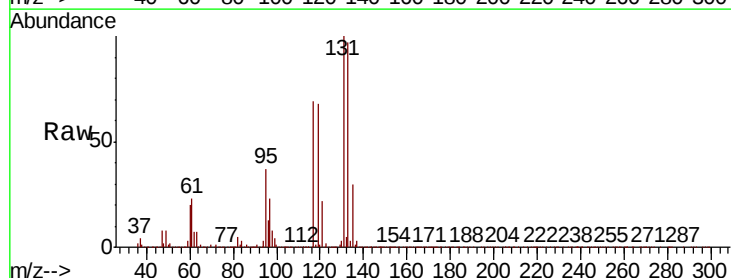
Tgt Ion:131 Resp: 381756

Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.0

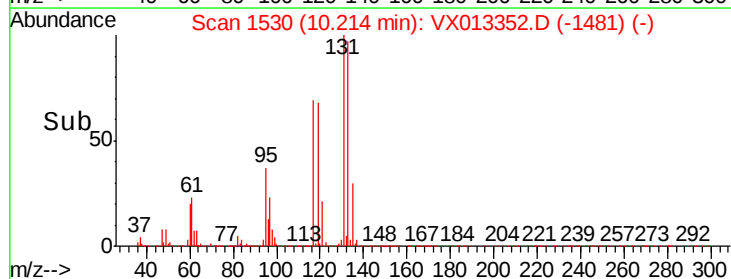
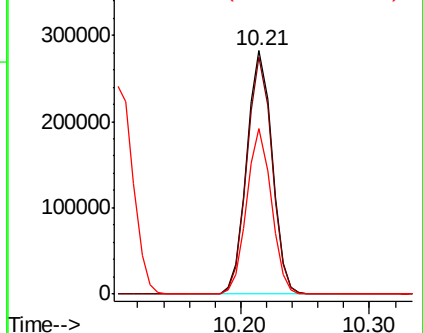
119 66.1 33.0 99.0

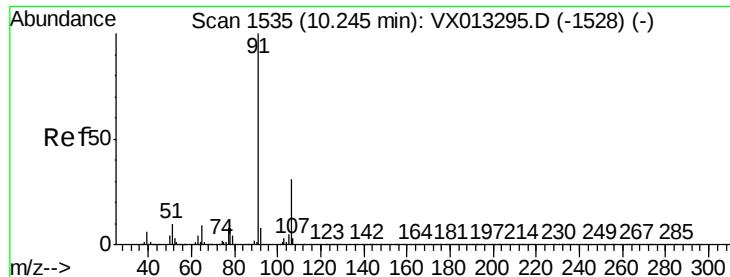


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.965 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

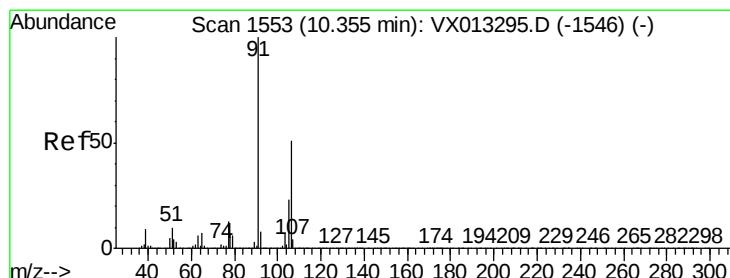
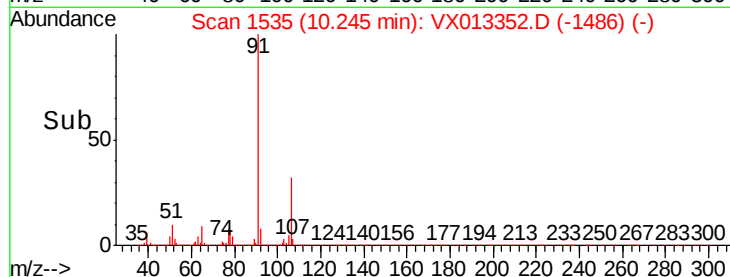
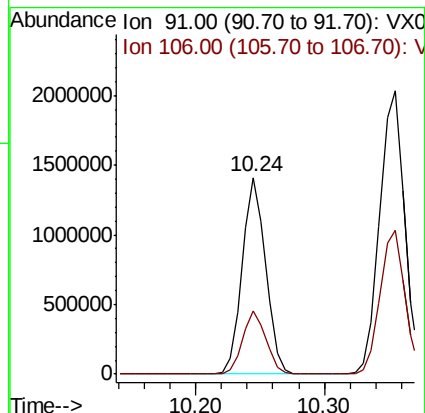
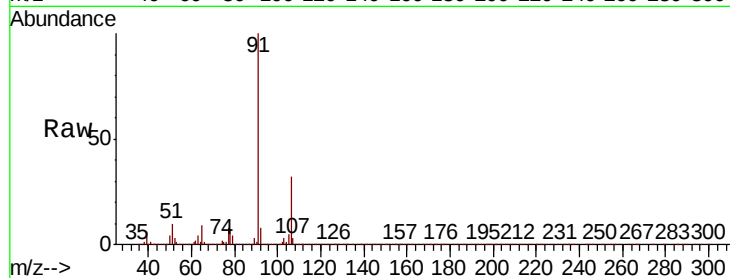
VSTDCCC050

Tot Ion: 91 Resp: 1775124

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 101.731 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013352.D

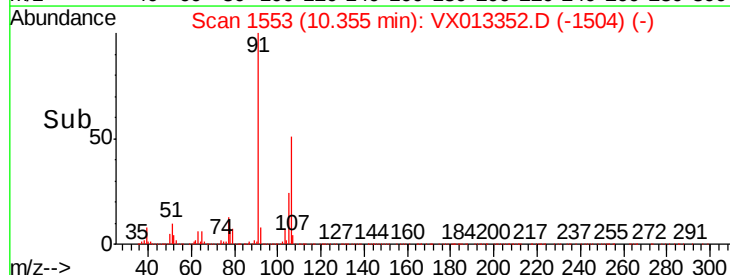
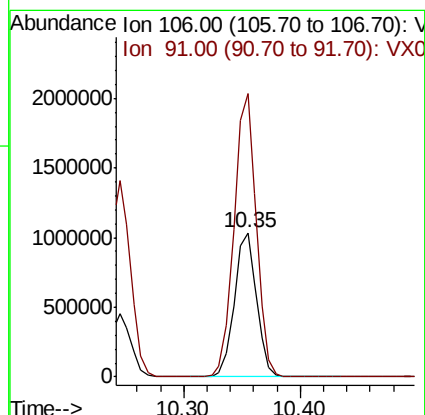
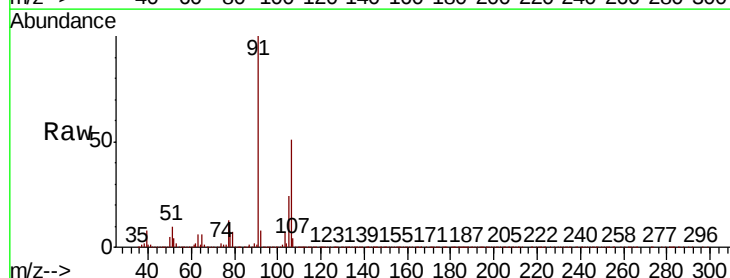
Acq: 08 Nov 2019 09:57

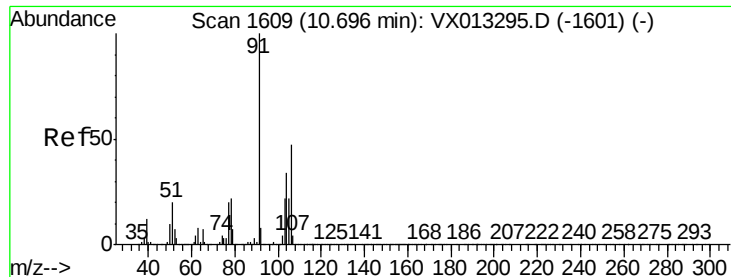
Tgt Ion: 106 Resp: 1366868

Ion Ratio Lower Upper

106 100

91 197.8 159.3 238.9

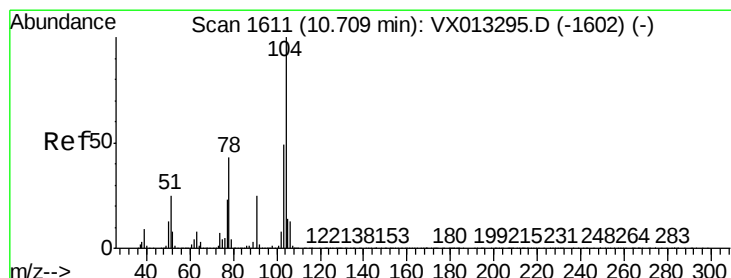
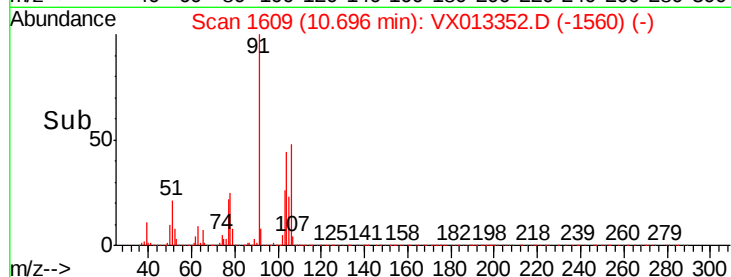
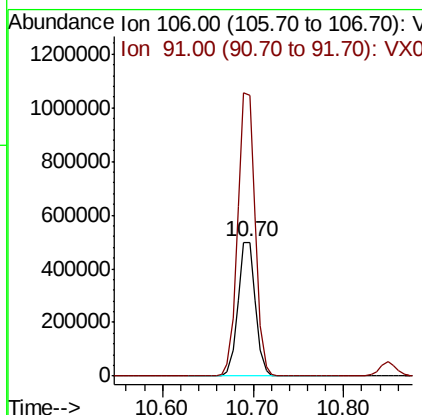
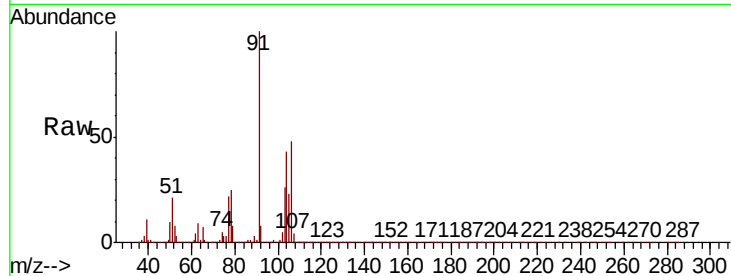




#69
o-Xylene
Concen: 50.257 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

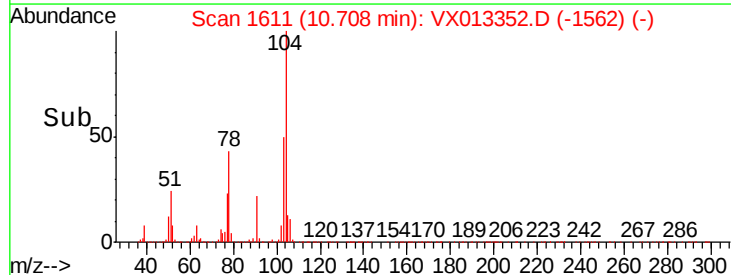
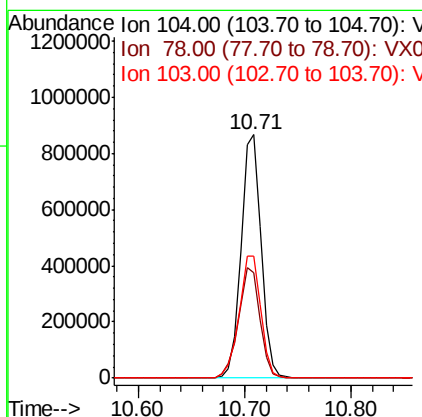
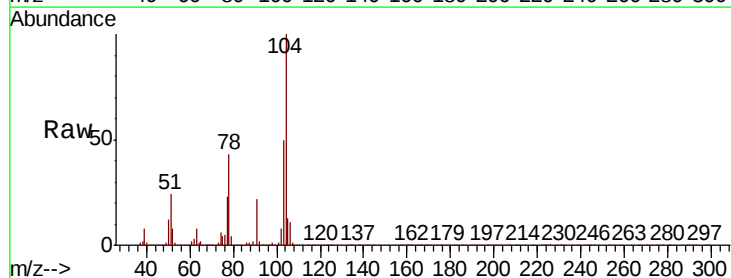
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

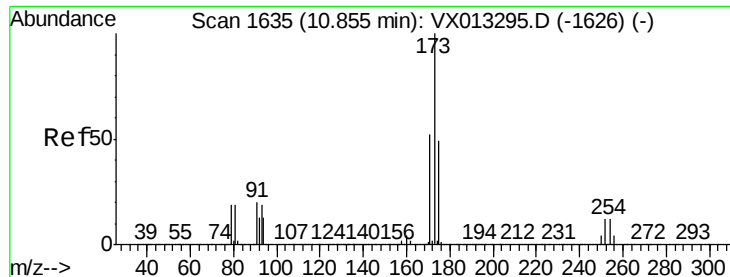
Tot Ion:106 Resp: 661097
Ion Ratio Lower Upper
106 100
91 211.7 105.7 317.0



#70
Styrene
Concen: 52.165 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion:104 Resp: 1147061
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 54.8 44.1 66.1

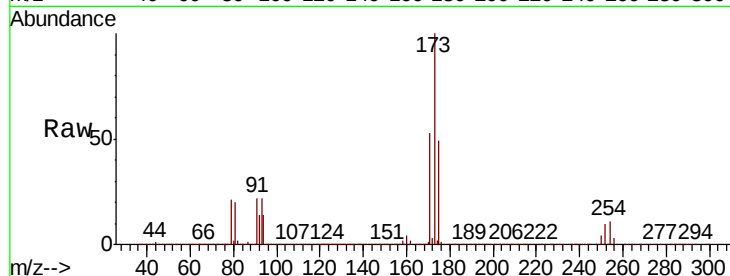




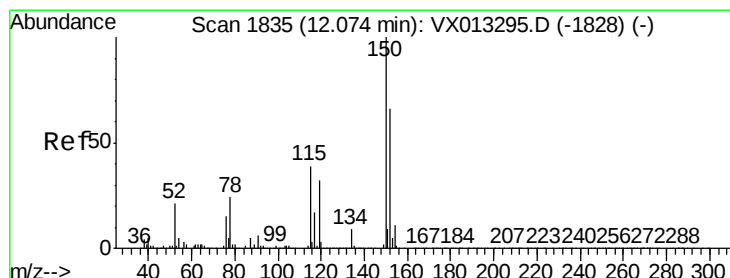
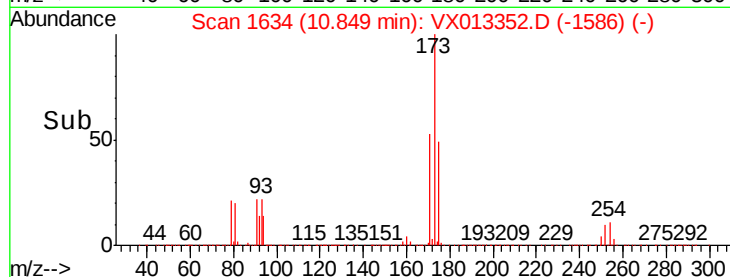
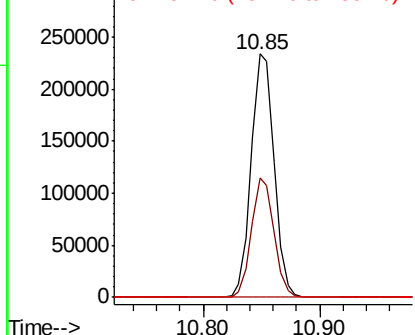
#71
Bromoform
Concen: 46.177 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 321778
Ion Ratio Lower Upper
173 100
175 48.2 24.8 74.4
254 0.2 0.2 0.2

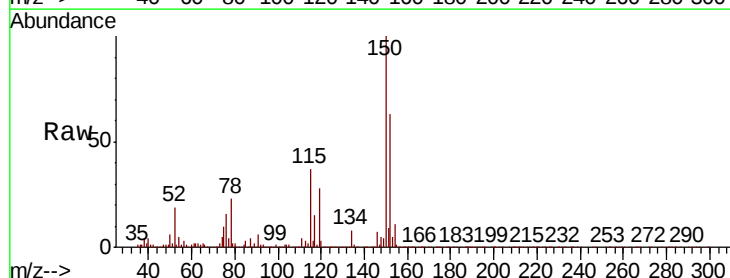


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

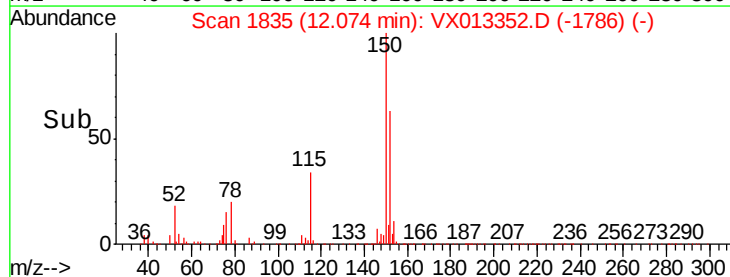
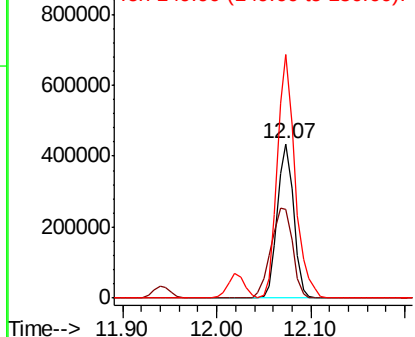


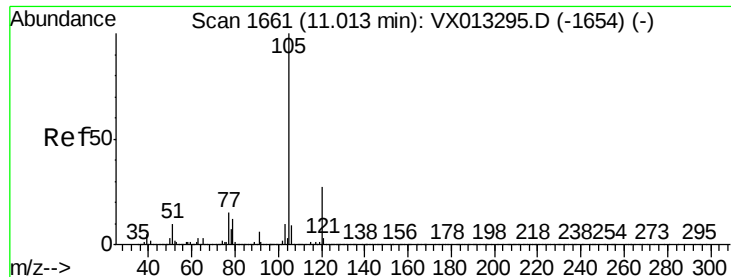
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion:152 Resp: 524512
Ion Ratio Lower Upper
152 100
115 77.4 39.5 118.3
150 171.3 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: 50.651 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

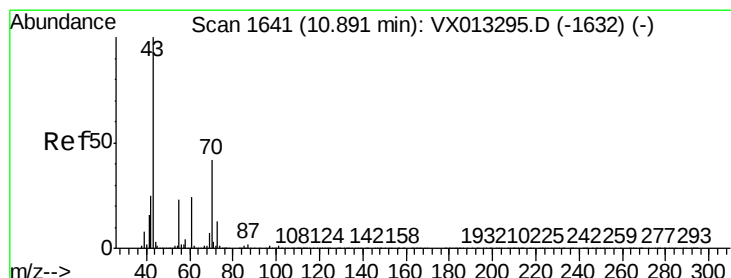
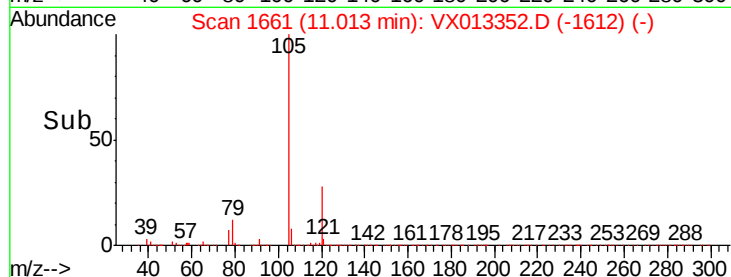
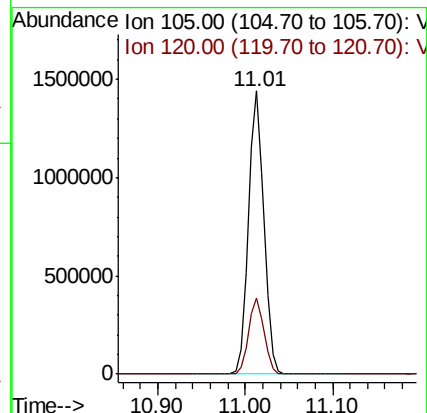
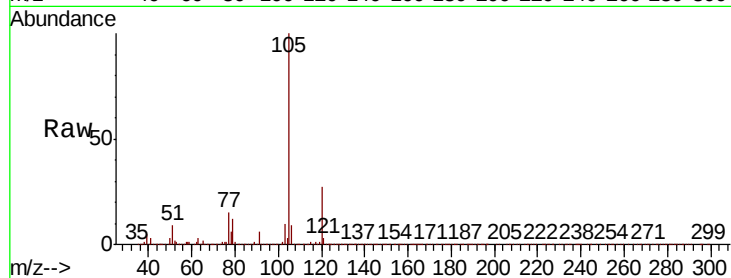
VSTDCCC050

Tot Ion:105 Resp: 1761436

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 51.031 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion: 43 Resp: 822954

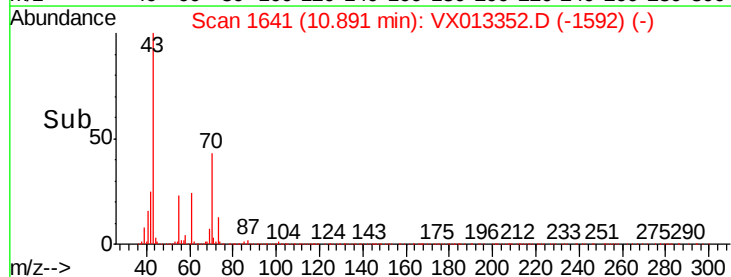
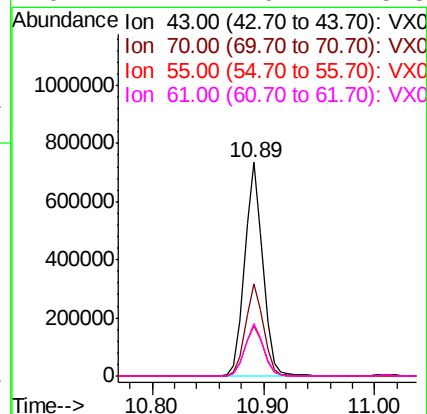
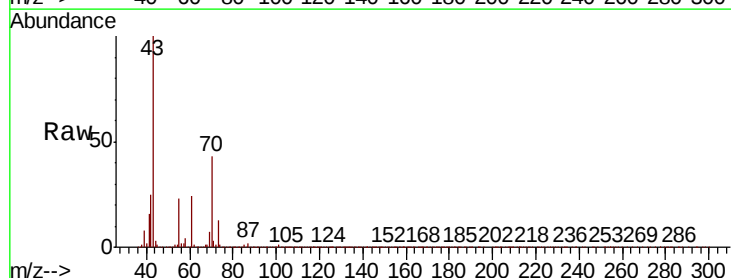
Ion Ratio Lower Upper

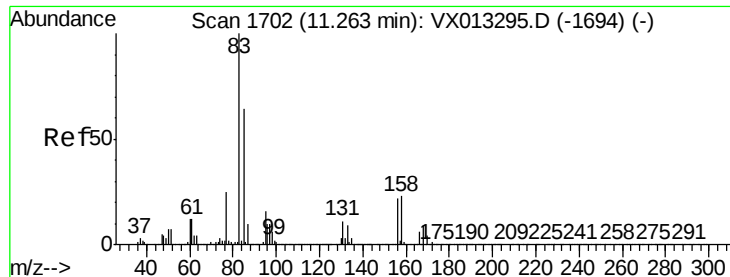
43 100

70 43.0 34.1 51.1

55 24.1 18.9 28.3

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.191 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

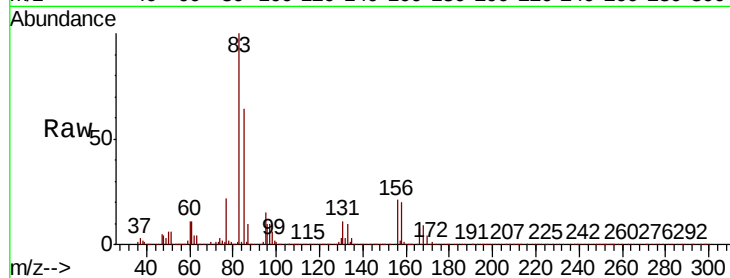
Tot Ion: 83 Resp: 611386

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

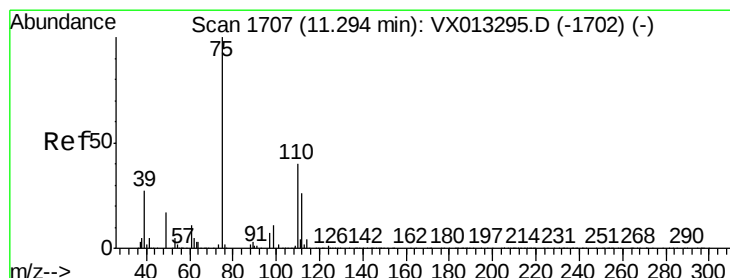
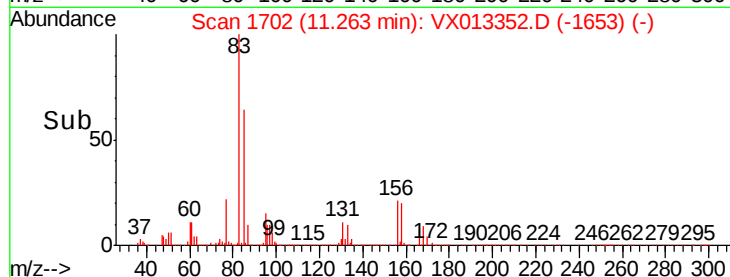
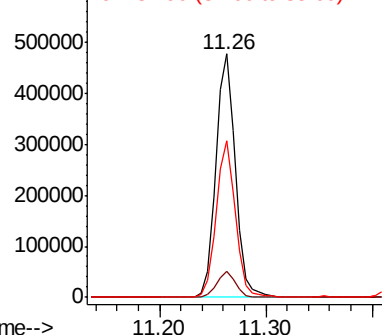
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.531 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013352.D

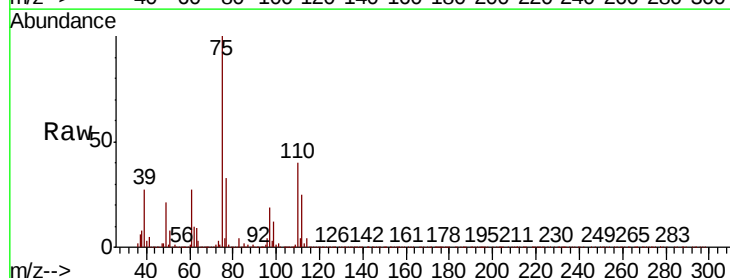
Acq: 08 Nov 2019 09:57

Tgt Ion: 75 Resp: 698141

Ion Ratio Lower Upper

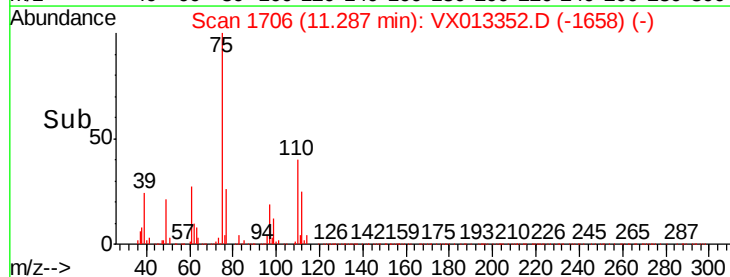
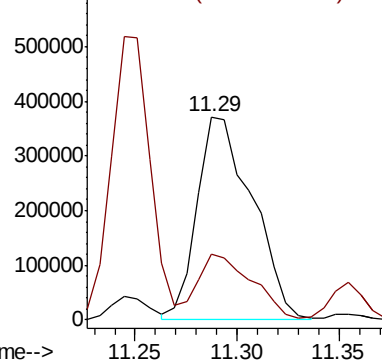
75 100

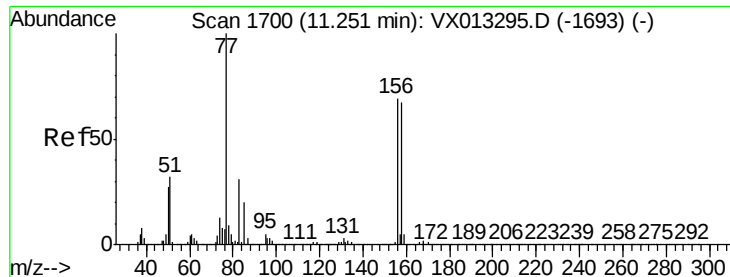
77 32.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.666 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

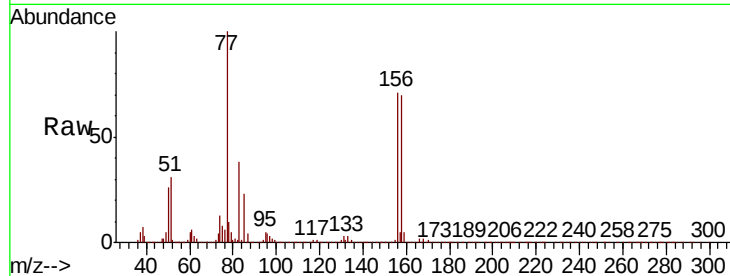
Tot Ion:156 Resp: 469713

Ion Ratio Lower Upper

156 100

77 146.6 75.8 227.4

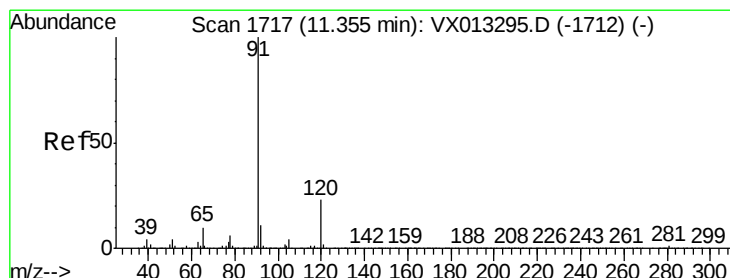
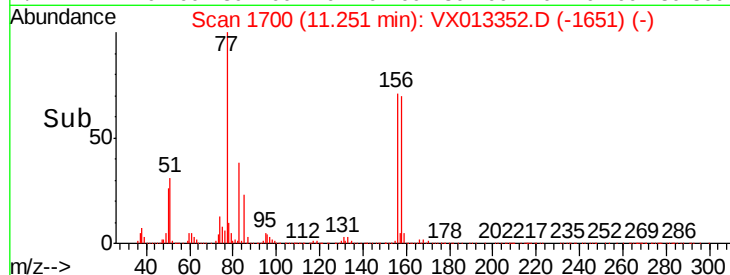
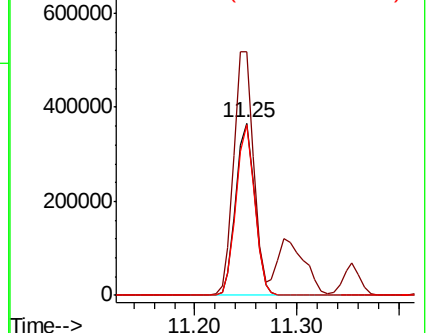
158 97.0 47.6 142.8



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: 52.515 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013352.D

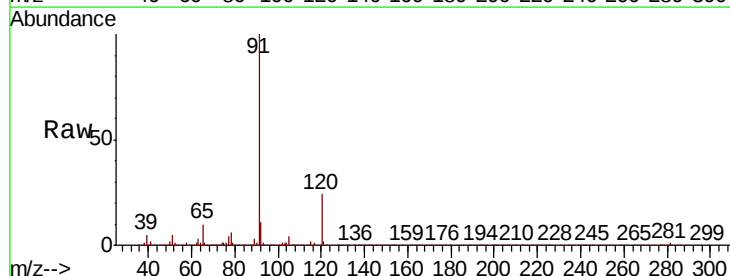
Acq: 08 Nov 2019 09:57

Tgt Ion: 91 Resp: 2034333

Ion Ratio Lower Upper

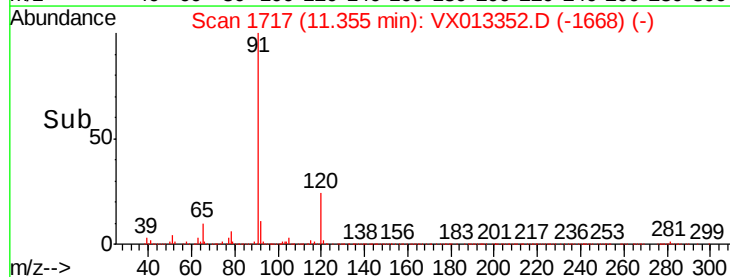
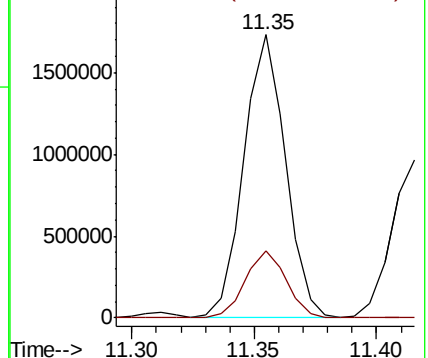
91 100

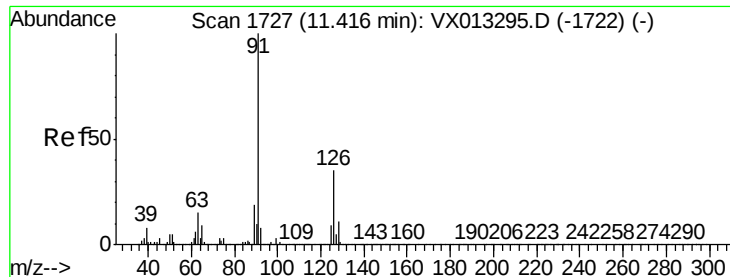
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.699 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

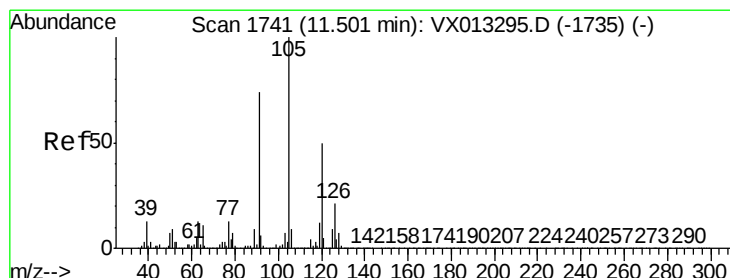
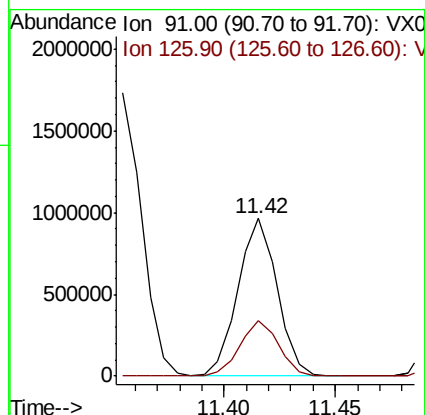
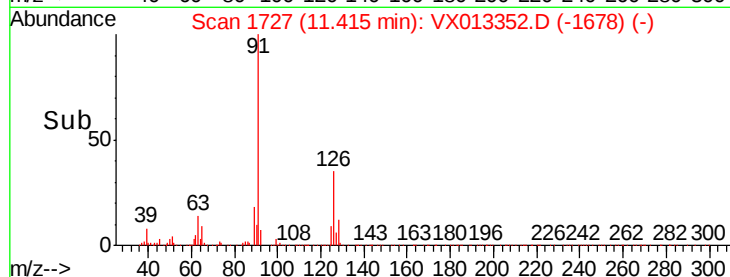
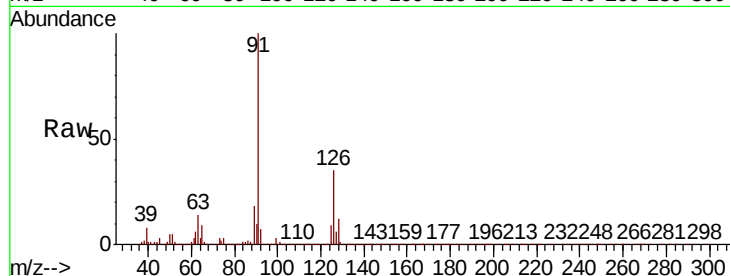
VSTDCCC050

Tot Ion: 91 Resp: 1183310

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 51.631 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013352.D

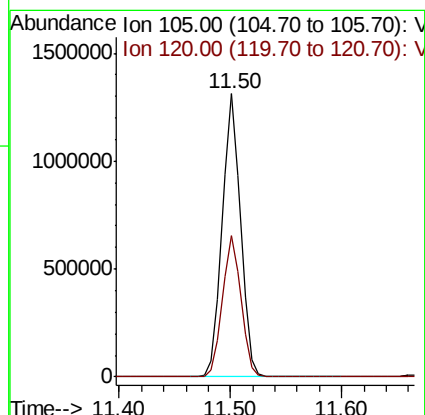
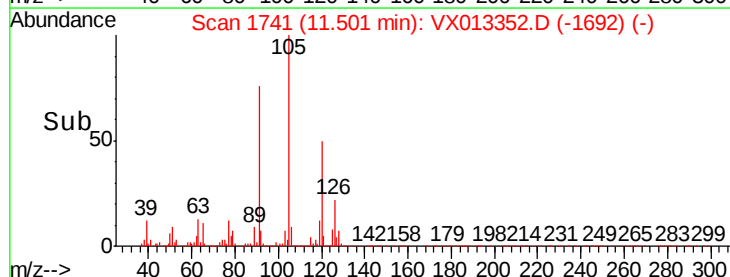
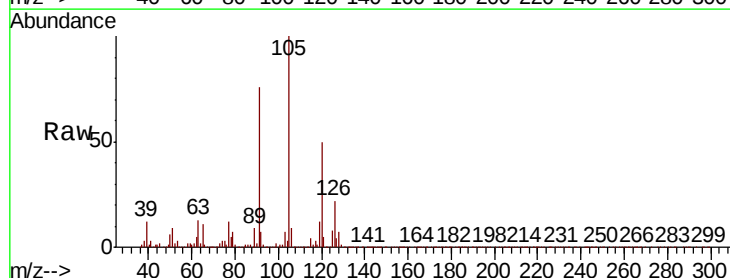
Acq: 08 Nov 2019 09:57

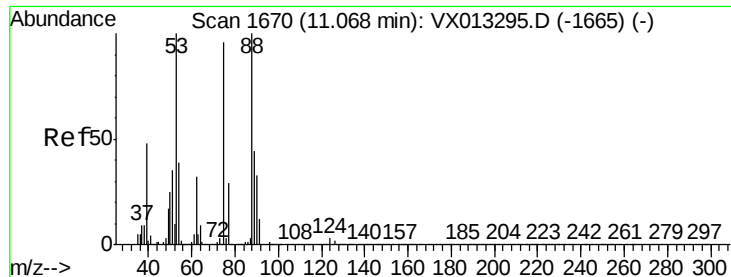
Tgt Ion: 105 Resp: 1495564

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.8

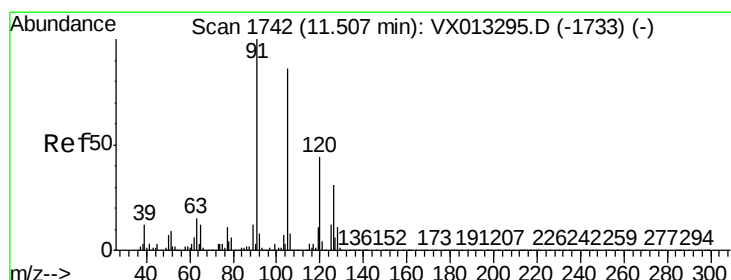
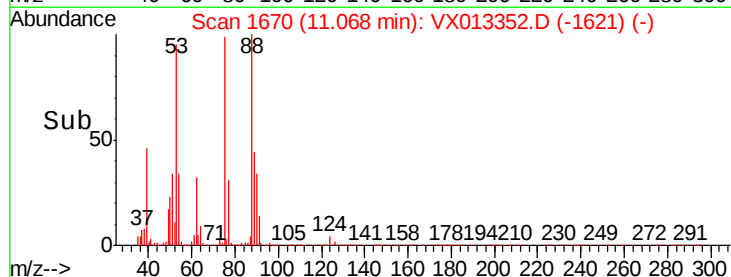
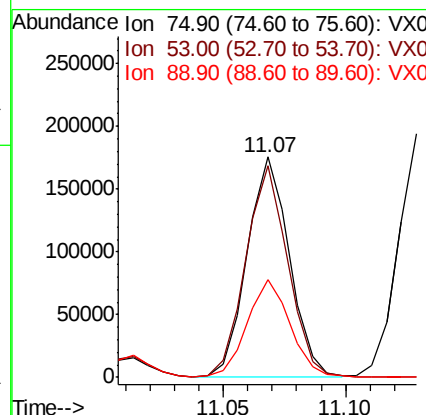
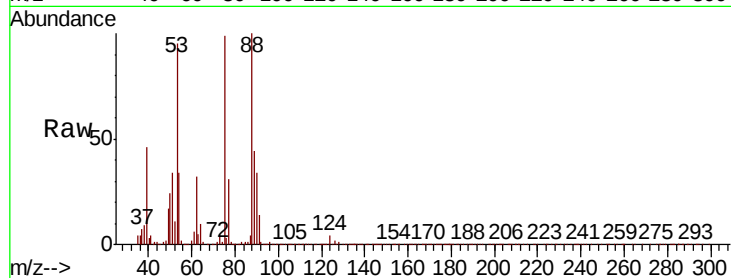




#81
trans-1,4-Dichloro-2-butene
Concen: 50.793 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

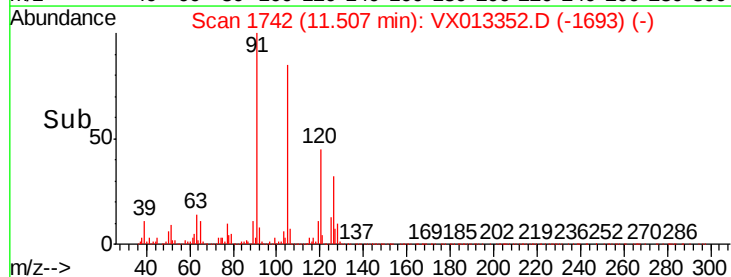
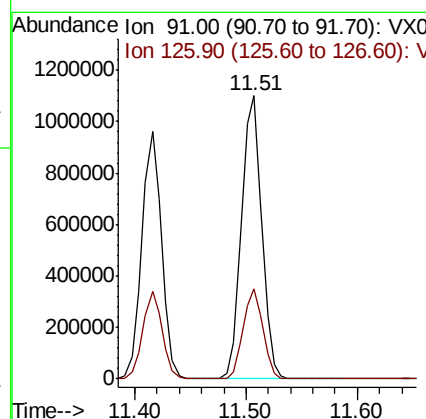
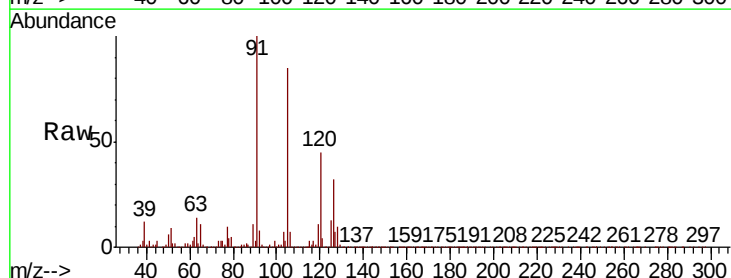
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

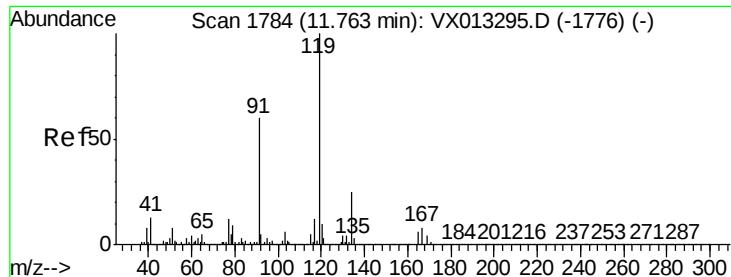
Tot Ion: 75 Resp: 210229
Ion Ratio Lower Upper
75 100
53 95.8 81.0 121.6
89 45.6 36.0 54.0



#82
4-Chlorotoluene
Concen: 50.703 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 91 Resp: 1385275
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.8





#83

tert-Butylbenzene

Concen: 52.216 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

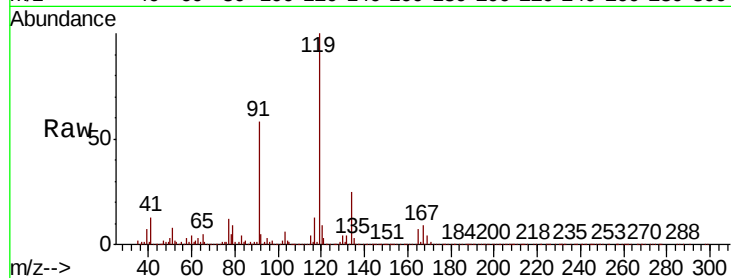
Tot Ion:119 Resp: 1522557

Ion Ratio Lower Upper

119 100

91 53.9 26.9 80.7

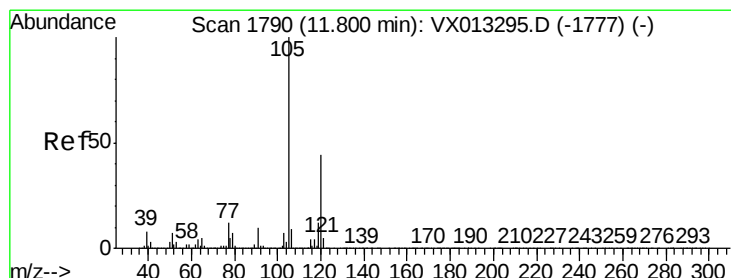
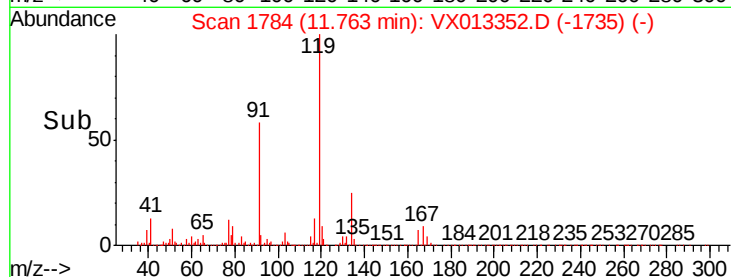
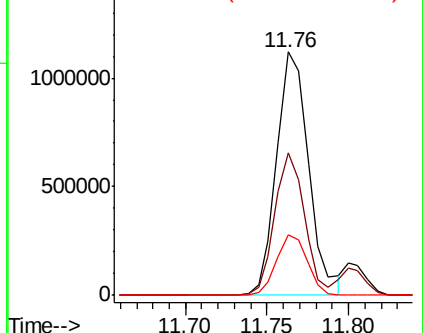
134 23.6 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.830 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013352.D

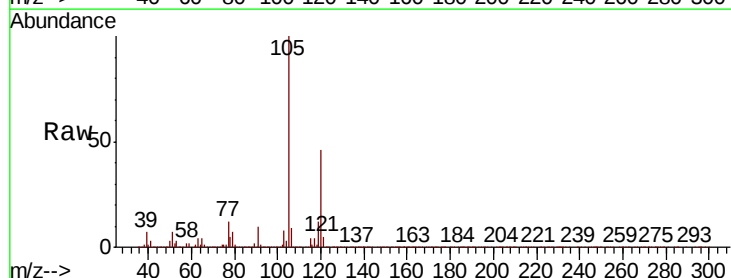
Acq: 08 Nov 2019 09:57

Tgt Ion:105 Resp: 1506042

Ion Ratio Lower Upper

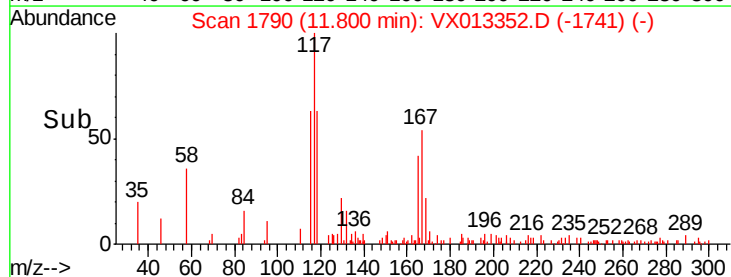
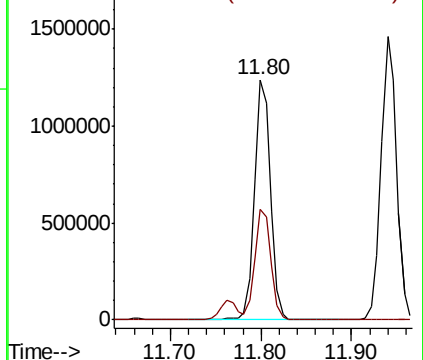
105 100

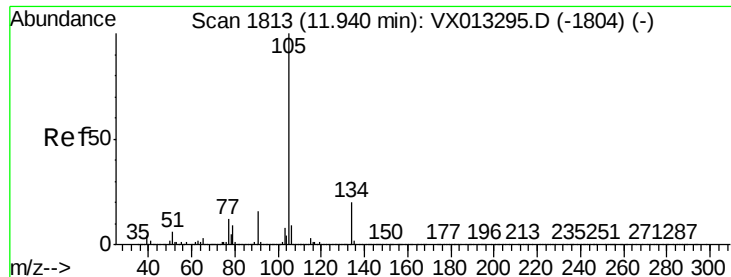
120 45.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.786 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

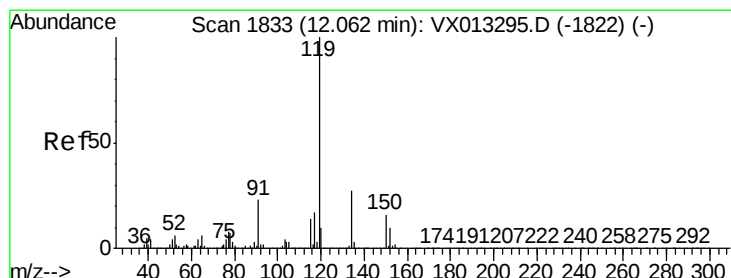
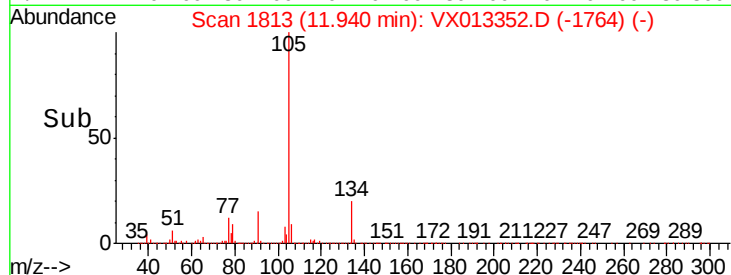
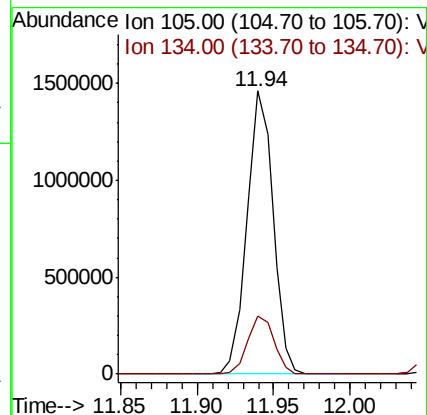
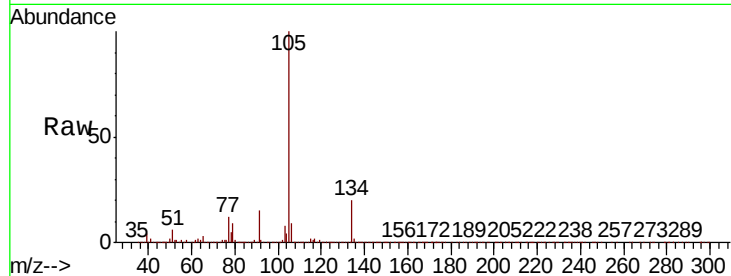
VSTDCCC050

Tot Ion:105 Resp: 1735480

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.9



#86

p-Isopropyltoluene

Concen: 52.692 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

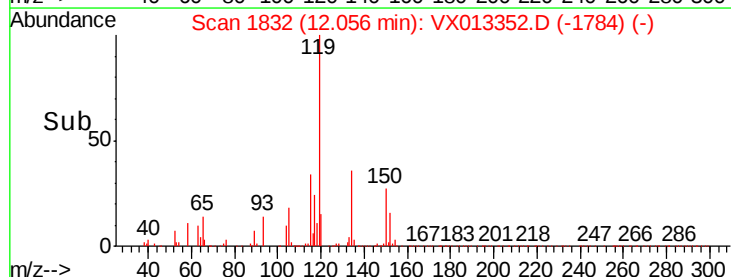
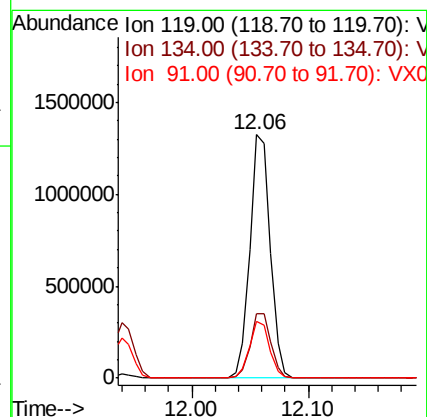
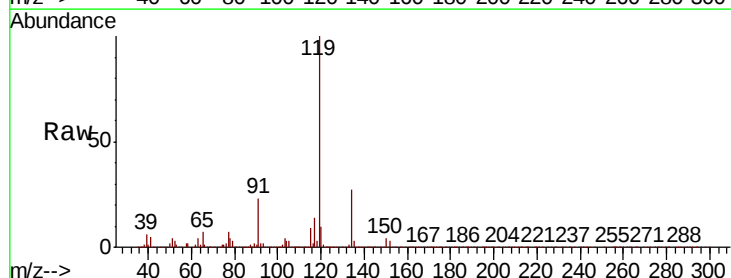
Tgt Ion:119 Resp: 1626020

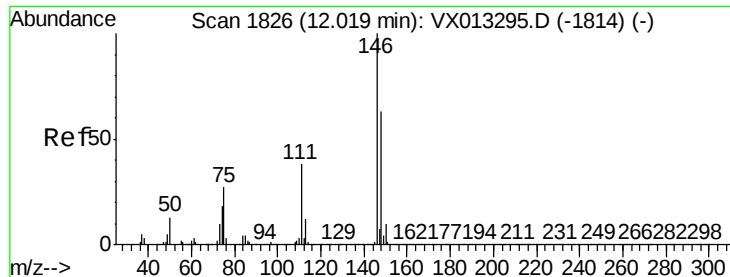
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.8 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 50.141 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

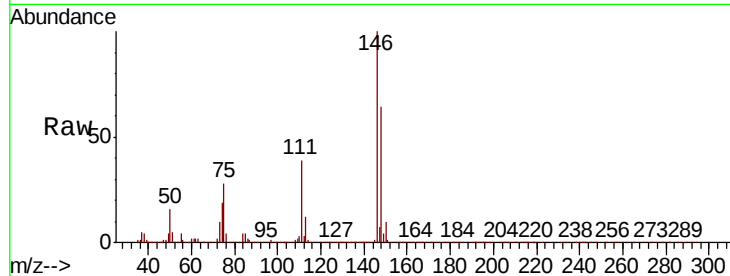
Tot Ion:146 Resp: 828604

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.5

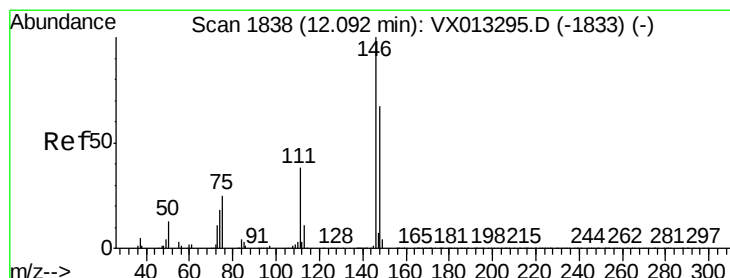
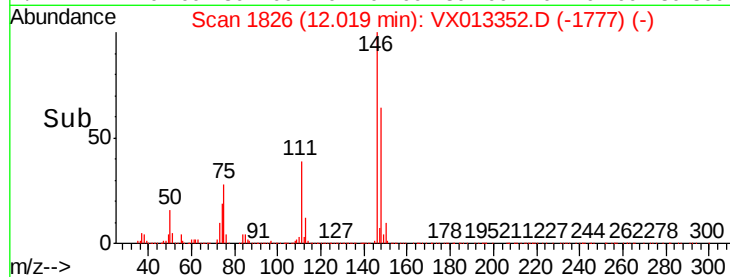
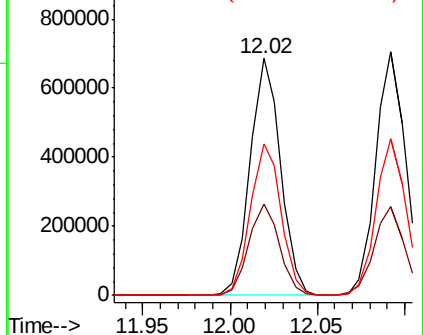
148 64.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.650 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

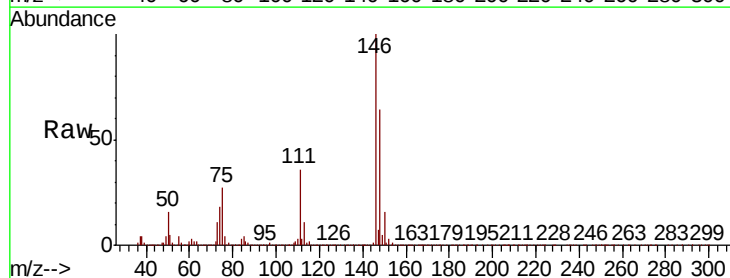
Tgt Ion:146 Resp: 835948

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.4

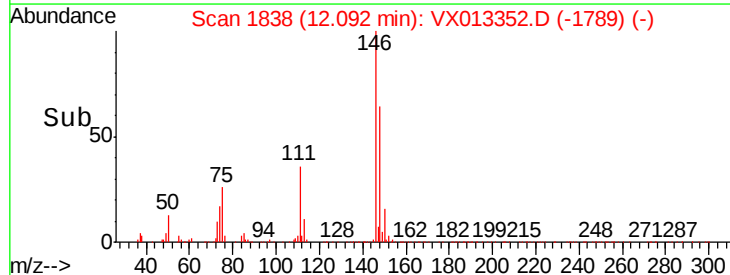
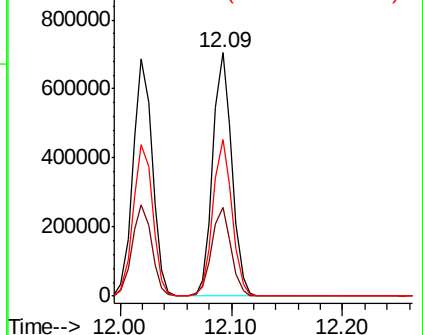
148 64.3 32.4 97.0

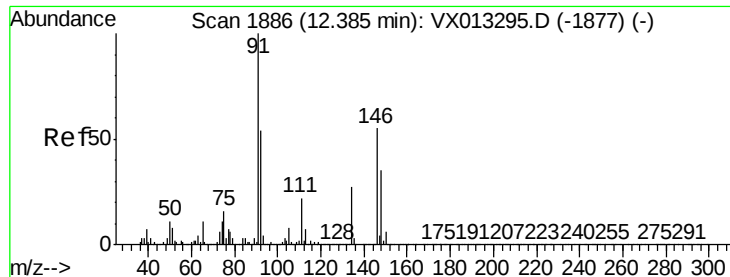


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

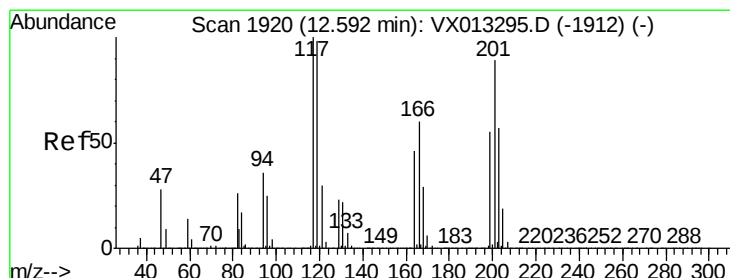
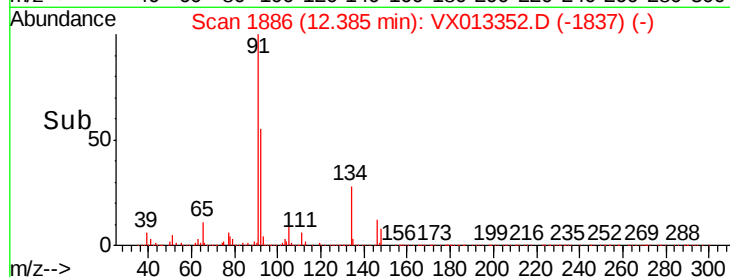
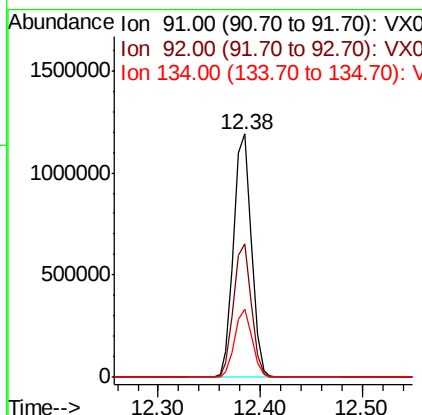
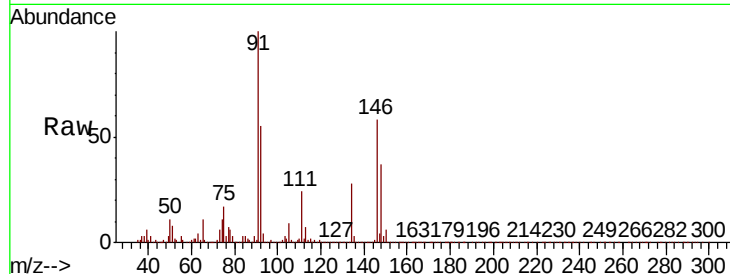




#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

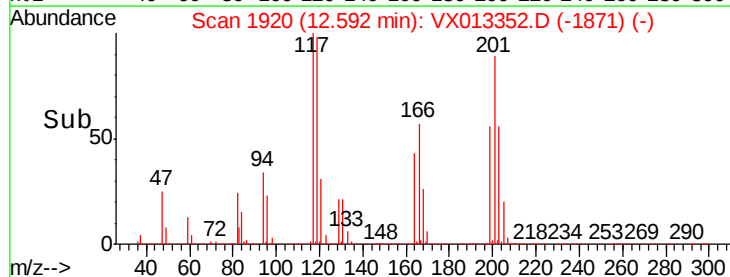
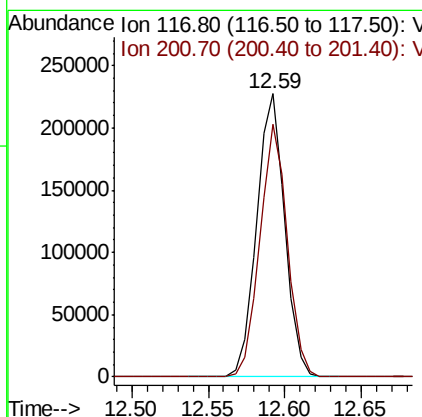
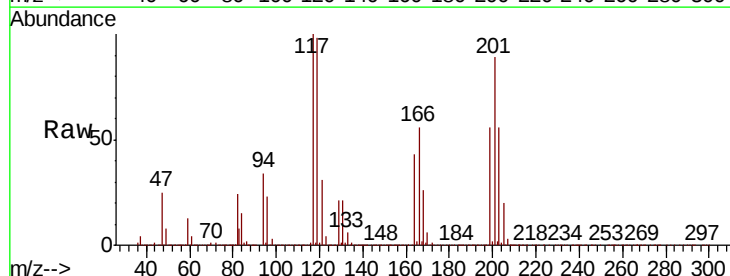
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

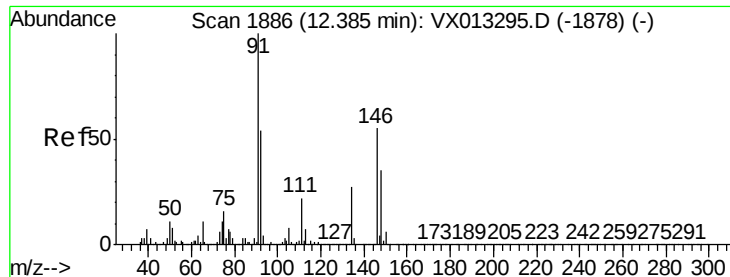
Tot Ion: 91 Resp: 1420798
Ion Ratio Lower Upper
91 100
92 54.9 27.3 81.8
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 52.735 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 117 Resp: 289944
Ion Ratio Lower Upper
117 100
201 87.6 43.9 131.7

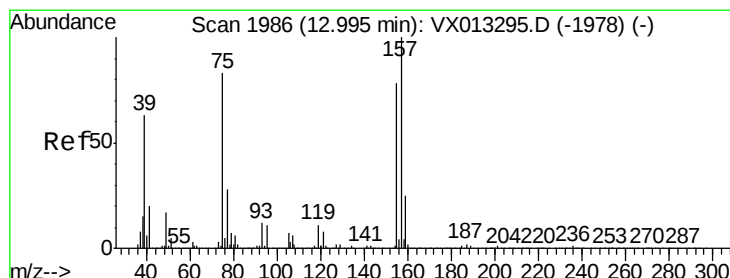
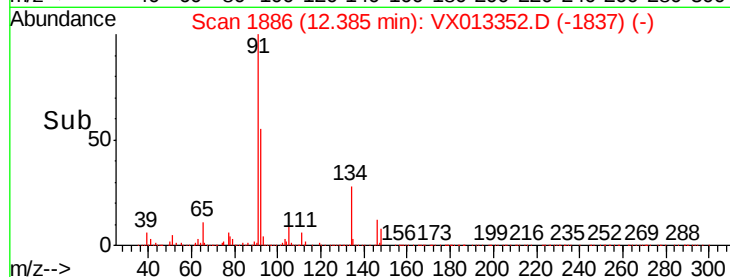
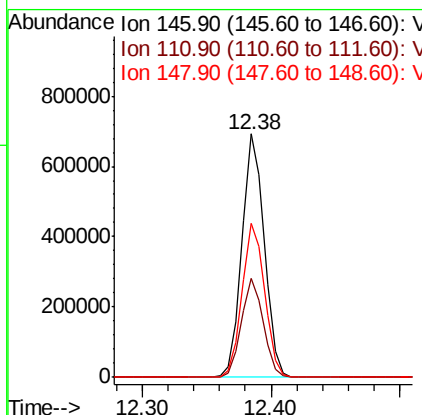
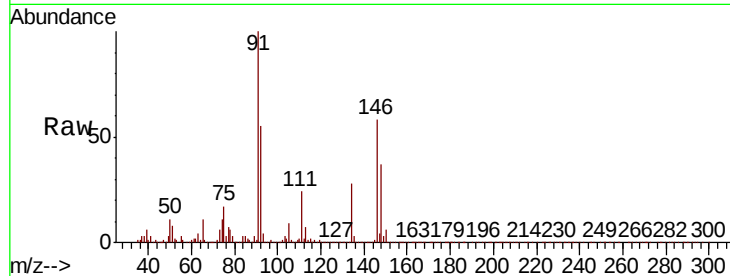




#91
 1,2-Dichlorobenzene
 Concen: 50.097 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

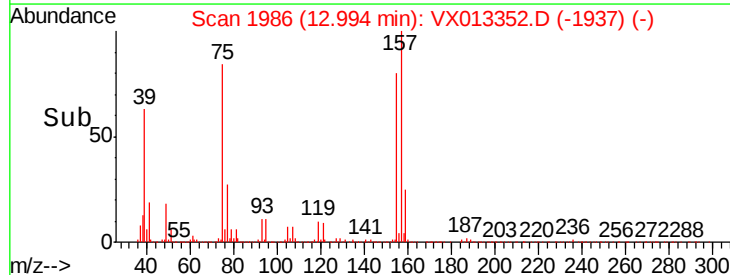
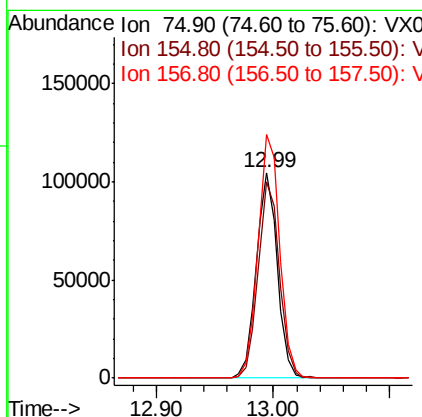
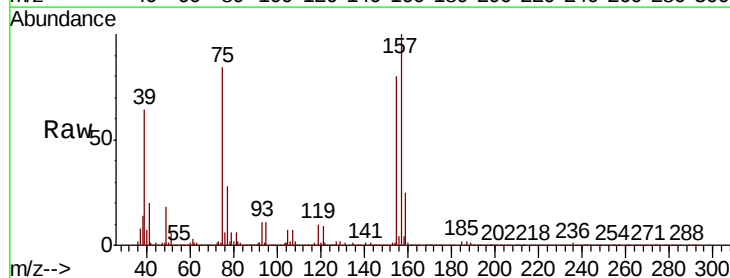
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

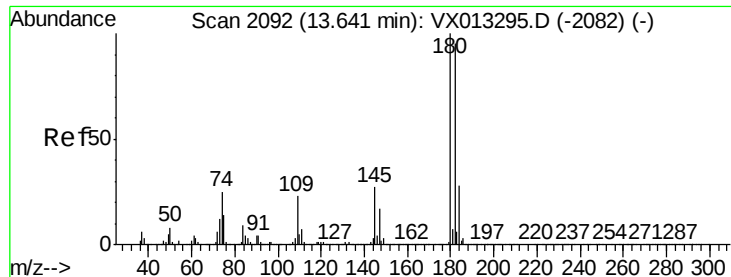
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	63.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.326 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	47.1	141.4
157	123.1	61.3	183.8

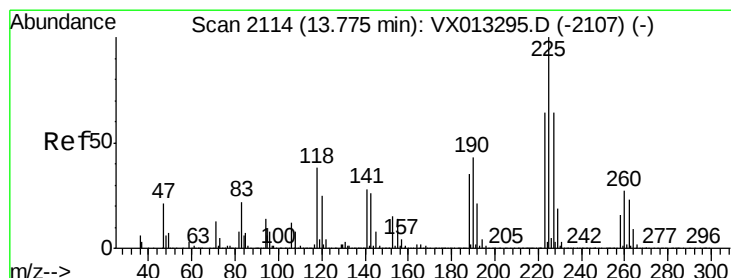
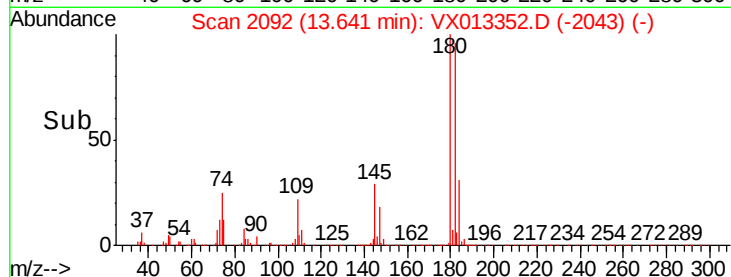
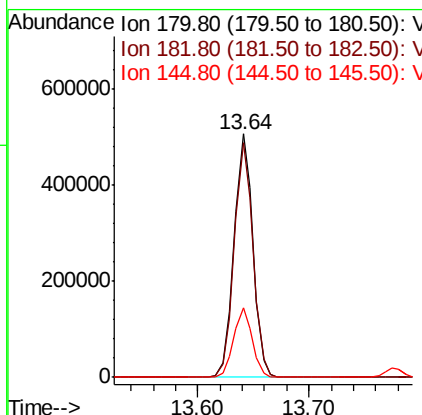
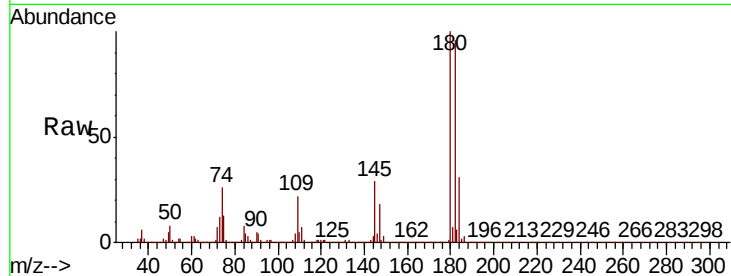




#93
 1,2,4-Trichlorobenzene
 Concen: 51.247 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

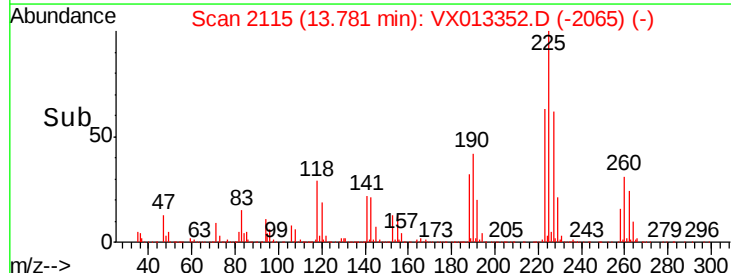
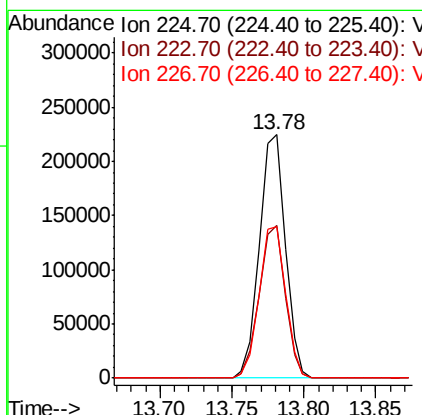
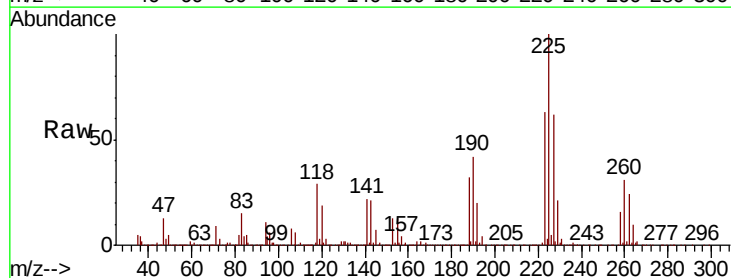
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

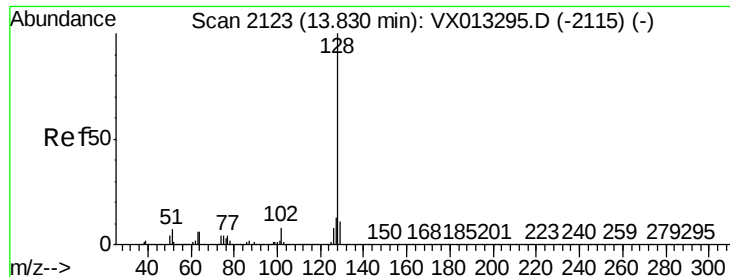
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.0
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 49.642 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	63.6	31.9	95.9

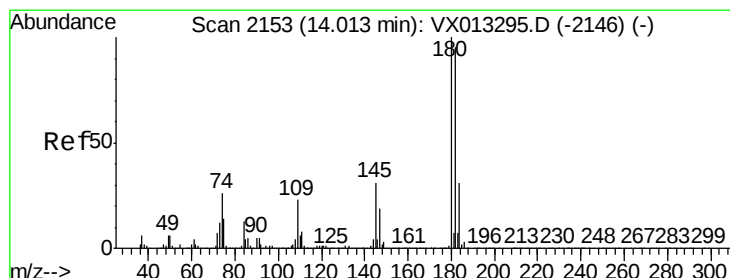
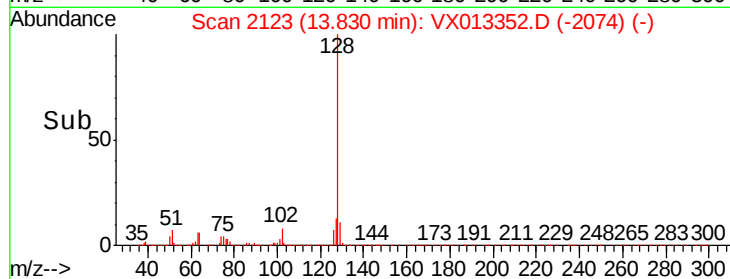
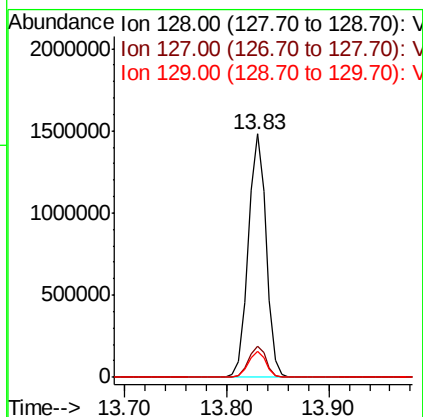
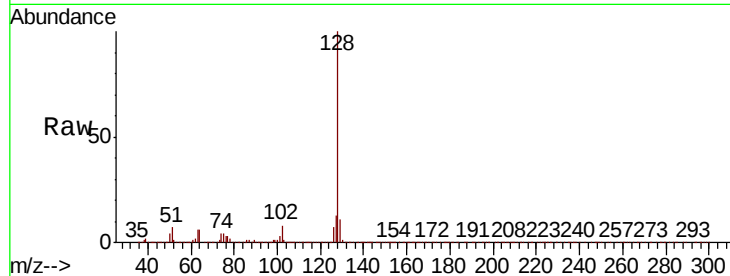




#95
Naphthalene
Concen: 49.975 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1806672
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.870 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion:180 Resp: 587830
Ion Ratio Lower Upper
180 100
182 96.3 48.0 144.2
145 30.4 15.4 46.4

