

Data File : VX012021.D
Acq On : 03 Sep 2019 14:07
Operator : SY/SP
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 03 14:33:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 12:11:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	148196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118096	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100490	76.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.46%	
35) Dibromofluoromethane	5.48	113	82589	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
50) Toluene-d8	8.71	98	311352	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.14	95	135631	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	62859	70.273	ug/l	97
3) Chloromethane	1.31	50	65942	74.174	ug/l	99
4) Vinyl Chloride	1.40	62	62651	69.377	ug/l	96
5) Bromomethane	1.62	94	30671	47.903	ug/l	96
6) Chloroethane	1.71	64	38539	67.473	ug/l	100
7) Trichlorofluoromethane	1.92	101	97277	59.341	ug/l	100
8) Diethyl Ether	2.17	74	34194	68.599	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72151	69.113	ug/l #	82
10) Methyl Iodide	2.50	142	66573	63.832	ug/l	96
11) Tert butyl alcohol	3.03	59	43757	404.454	ug/l	96
12) 1,1-Dichloroethene	2.36	96	70008	73.497	ug/l	95
13) Acrolein	2.28	56	11813	298.245	ug/l	98
14) Allyl chloride	2.72	41	127909	78.353	ug/l	98
15) Acrylonitrile	3.13	53	104242	408.757	ug/l	99
16) Acetone	2.43	43	115384	448.927	ug/l	99
17) Carbon Disulfide	2.56	76	221025	82.248	ug/l	100
18) Methyl Acetate	2.76	43	51449	77.247	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	224805	79.168	ug/l	99
20) Methylene Chloride	2.84	84	87106	75.032	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	83673	73.898	ug/l	98
22) Diisopropyl ether	3.84	45	252033	76.769	ug/l	96
23) Vinyl Acetate	3.80	43	857831	415.567	ug/l	99
24) 1,1-Dichloroethane	3.68	63	147037	76.798	ug/l	99
25) 2-Butanone	4.65	43	149910	428.135	ug/l	99
26) 2,2-Dichloropropane	4.56	77	134714	75.855	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	95216	73.193	ug/l	93
28) Bromochloromethane	5.00	49	61511	78.172	ug/l	82
29) Tetrahydrofuran	5.11	42	88270	409.906	ug/l	98
30) Chloroform	5.20	83	156516	74.478	ug/l	95
31) Cyclohexane	5.56	56	118620	74.368	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	139324	71.260	ug/l	97
36) 1,1-Dichloropropene	5.79	75	115539	55.369	ug/l	96
37) Ethyl Acetate	4.82	43	63495	60.785	ug/l	99
38) Carbon Tetrachloride	5.77	117	118612	46.744	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130615	51.550	ug/l	97
40) Benzene	6.13	78	330494	54.838	ug/l	100
41) Methacrylonitrile	5.03	41	37051	58.854	ug/l	99
42) 1,2-Dichloroethane	6.18	62	118395	57.990	ug/l	98
43) Isopropyl Acetate	6.43	43	126144	58.422	ug/l	99
44) Trichloroethene	7.21	130	88271	44.099	ug/l	89
45) 1,2-Dichloropropane	7.51	63	83956	55.360	ug/l	99
46) Dibromomethane	7.65	93	49142	54.059	ug/l #	74
47) Bromodichloromethane	7.89	83	126119	54.959	ug/l #	99
48) Methyl methacrylate	7.76	41	63917	60.032	ug/l	98
49) 1,4-Dioxane	7.73	88	16639	1113.939	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	319998	294.886	ug/l	99
52) Toluene	8.78	92	213936	52.391	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129805	55.880	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144189	55.146	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	70313	52.984	ug/l	98
56) Ethyl methacrylate	9.17	69	101088	57.360	ug/l	97
57) 1,3-Dichloropropane	9.37	76	120979	55.509	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	237865	297.010	ug/l	93
59) 2-Hexanone	9.48	43	231391	299.533	ug/l	100
60) Dibromochloromethane	9.57	129	83467	45.245	ug/l	99
61) 1,2-Dibromoethane	9.67	107	68267	51.647	ug/l	98
64) Tetrachloroethene	9.33	164	72704	35.951	ug/l #	86
65) Chlorobenzene	10.14	112	230146	49.616	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	83079	44.632	ug/l	98
67) Ethyl Benzene	10.25	91	422689	53.939	ug/l	96
68) m/p-Xylenes	10.35	106	313631	101.922	ug/l	92
69) o-Xylene	10.70	106	150519	50.425	ug/l	91
70) Styrene	10.71	104	267049	52.143	ug/l	96
71) Bromoform	10.85	173	46776	36.217	ug/l #	98
73) Isopropylbenzene	11.01	105	411088	62.378	ug/l	96
74) N-amyl acetate	10.89	43	121228	73.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	84227	69.811	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	96613	103.349	ug/l	76
77) Bromobenzene	11.25	156	92571	48.042	ug/l	69
78) n-propylbenzene	11.35	91	492567	66.419	ug/l	94
79) 2-Chlorotoluene	11.42	91	293482	66.845	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	356553	62.719	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	28235	71.251	ug/l	98
82) 4-Chlorotoluene	11.51	91	360467	68.423	ug/l	90
83) tert-Butylbenzene	11.77	119	337236	57.390	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	368075	63.888	ug/l	94
85) sec-Butylbenzene	11.94	105	421754	62.485	ug/l	93
86) p-Isopropyltoluene	12.06	119	380153	57.525	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	178586	49.419	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	180278	50.211	ug/l	95
89) n-Butylbenzene	12.39	91	371273	64.871	ug/l	96
90) Hexachloroethane	12.59	117	74355	59.929	ug/l	58
91) 1,2-Dichlorobenzene	12.39	146	163930	50.248	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18068	76.273	ug/l	65

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090319\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDICCC050

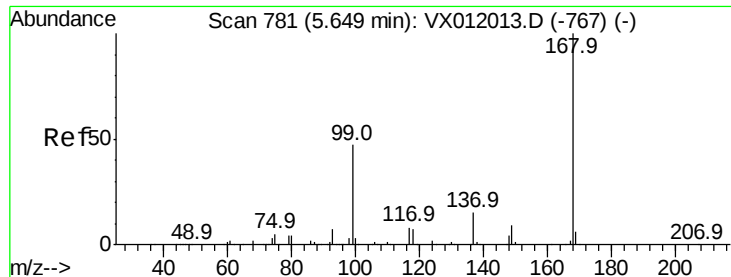
Quant Time: Sep 03 14:33:51 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 12:11:35 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	114966	40.500	ug/l	96
94) Hexachlorobutadiene	13.78	225	57575	29.030	ug/l	96
95) Naphthalene	13.83	128	256821	58.840	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	102647	41.125	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

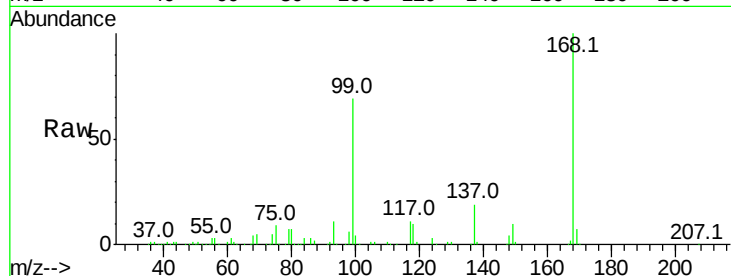
VSTDICCC050

Tgt Ion:168 Resp: 148196

Ion Ratio Lower Upper

168 100

99 68.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

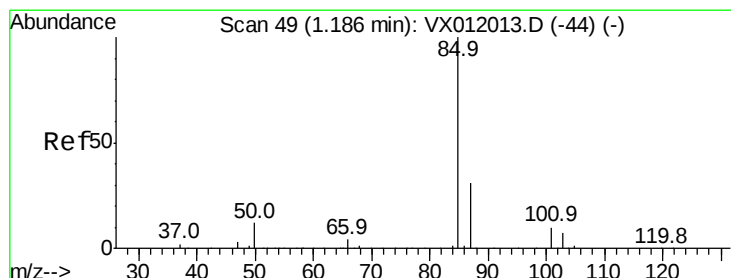
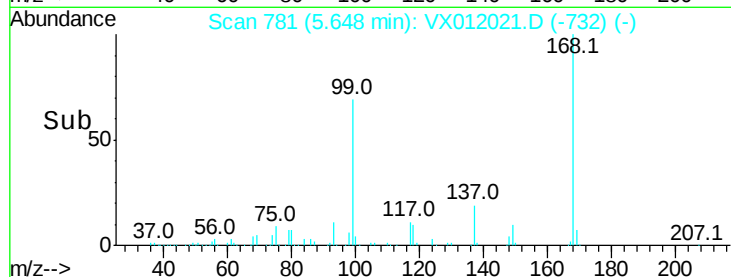
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 70.273 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012021.D

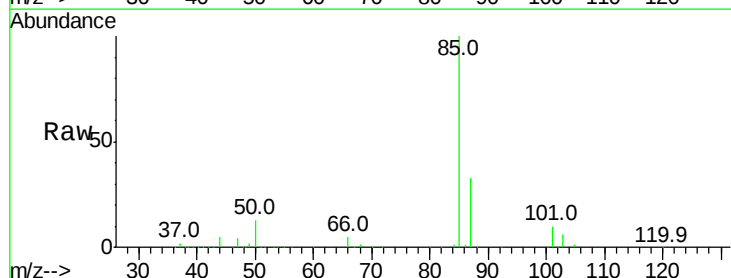
Acq: 03 Sep 2019 14:07

Tgt Ion: 85 Resp: 62859

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

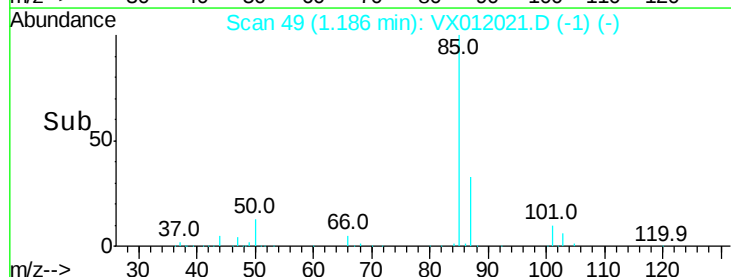
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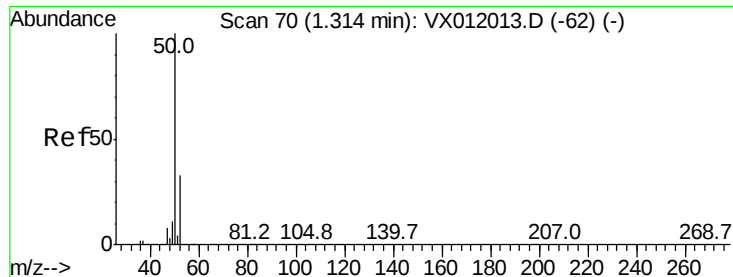
20000

10000

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Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 74.174 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

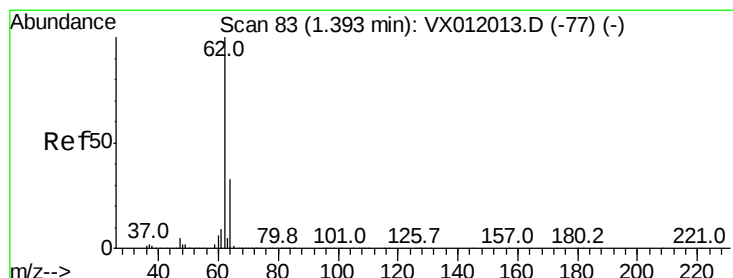
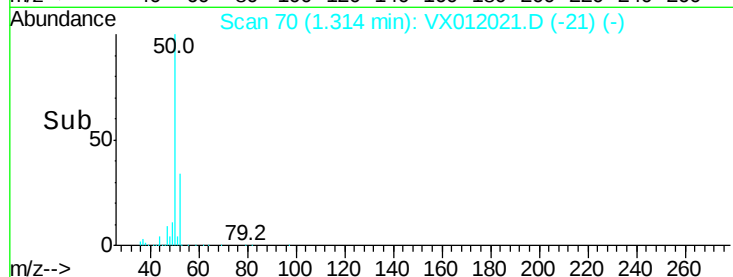
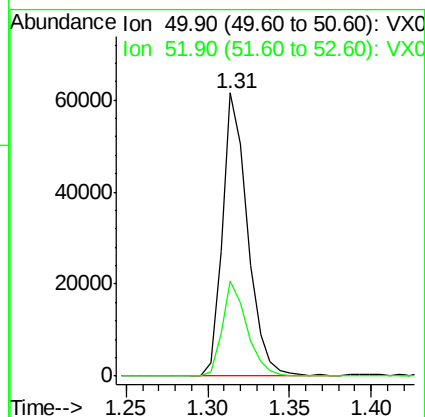
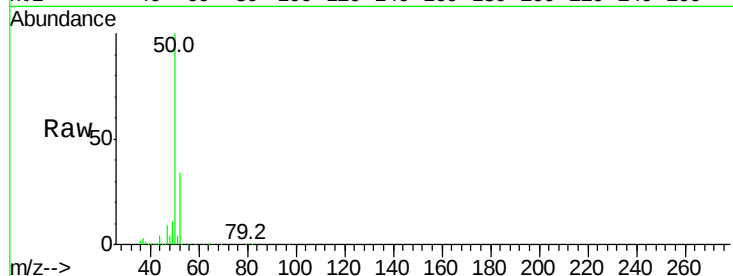
VSTDICCC050

Tgt Ion: 50 Resp: 65942

Ion Ratio Lower Upper

50 100

52 33.9 26.5 39.7



#4

Vinyl Chloride

Concen: 69.377 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012021.D

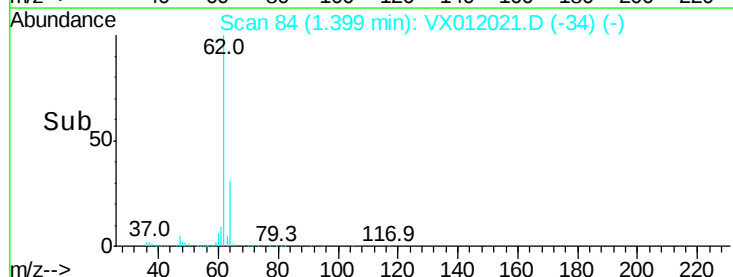
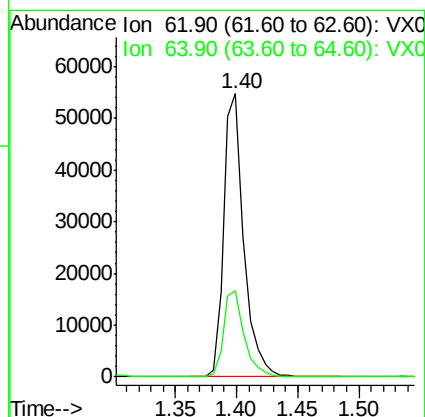
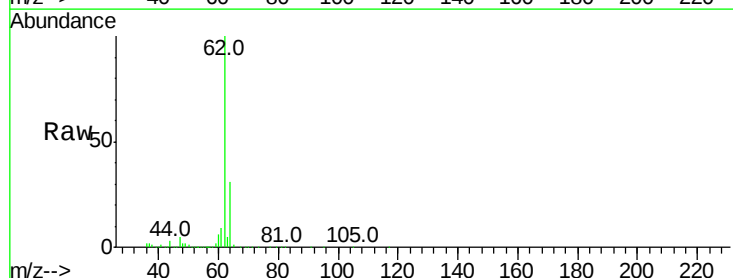
Acq: 03 Sep 2019 14:07

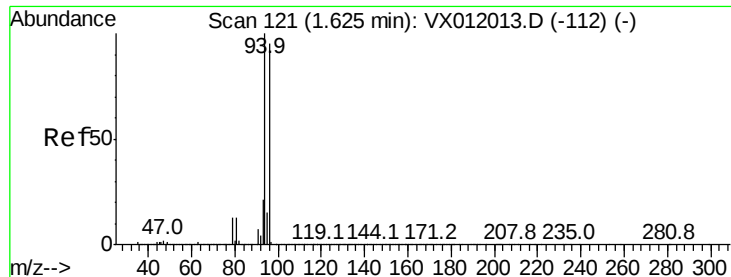
Tgt Ion: 62 Resp: 62651

Ion Ratio Lower Upper

62 100

64 30.3 26.2 39.4





#5

Bromomethane

Concen: 47.903 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

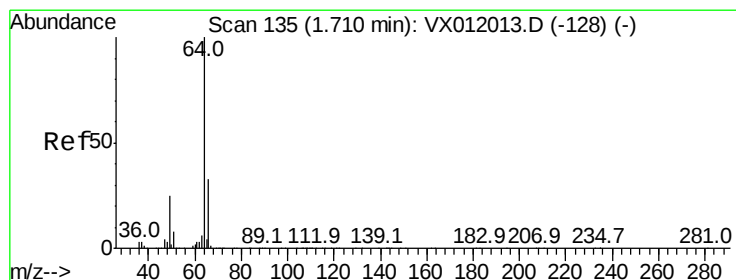
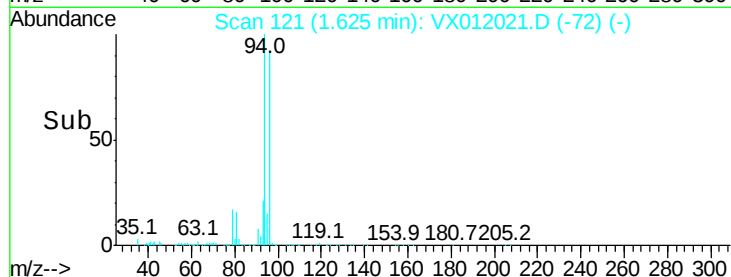
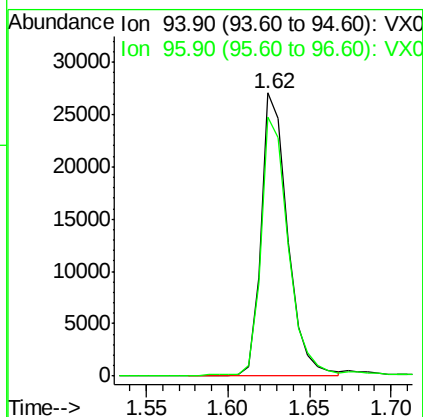
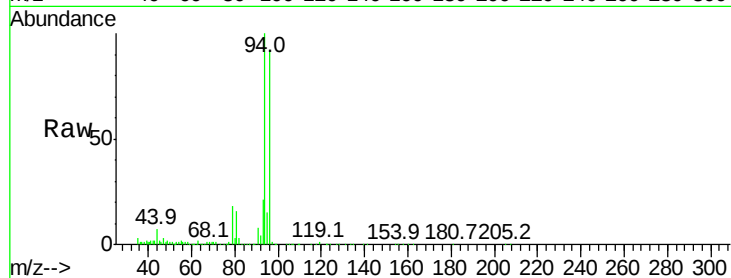
VSTDICCC050

Tgt Ion: 94 Resp: 30671

Ion Ratio Lower Upper

94 100

96 91.3 76.3 114.5



#6

Chloroethane

Concen: 67.473 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012021.D

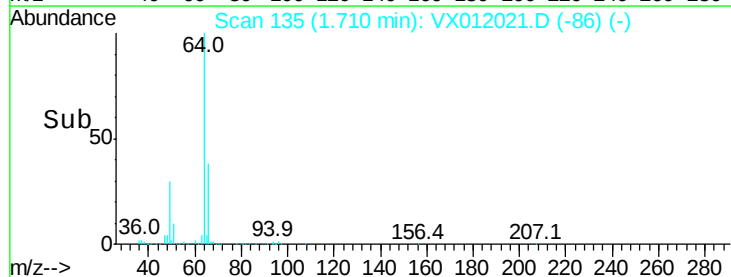
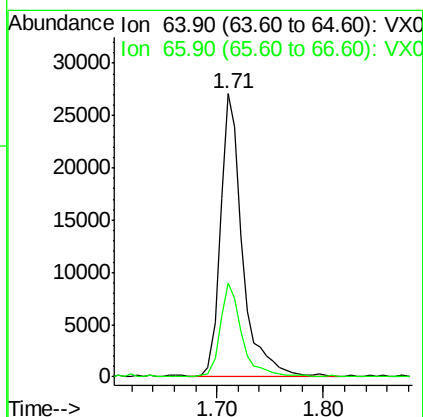
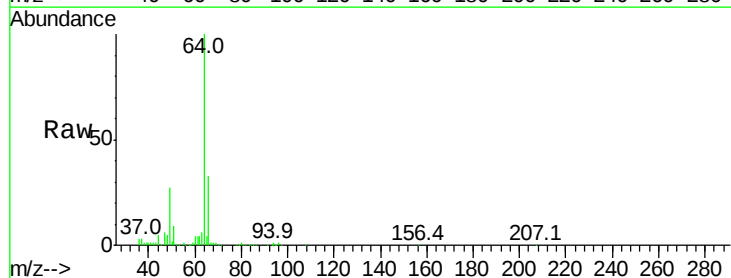
Acq: 03 Sep 2019 14:07

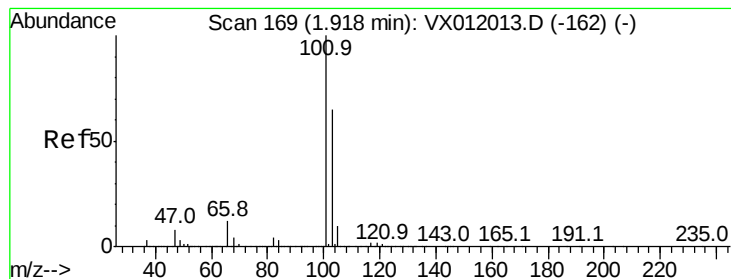
Tgt Ion: 64 Resp: 38539

Ion Ratio Lower Upper

64 100

66 33.0 26.3 39.5



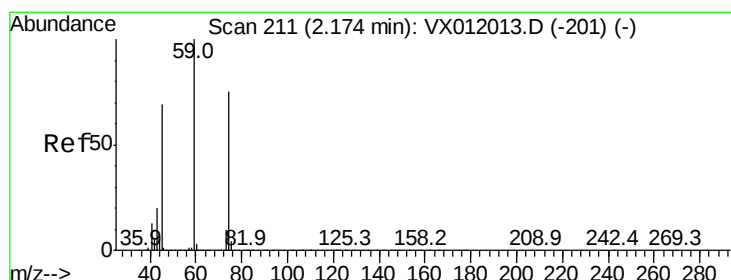
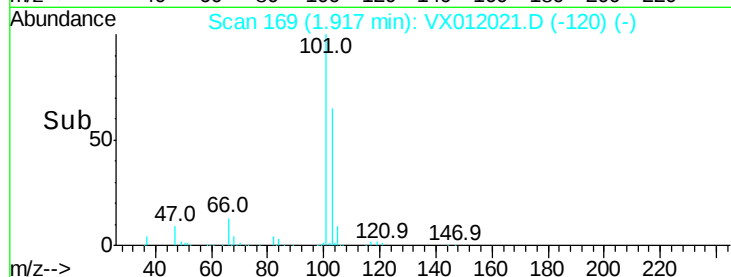
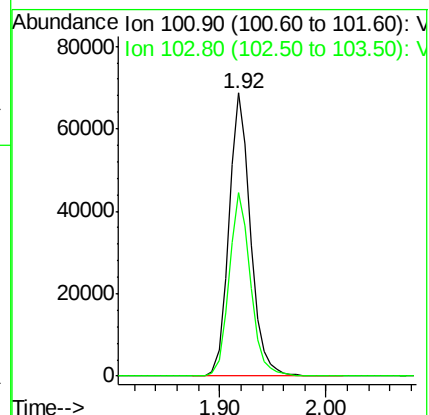
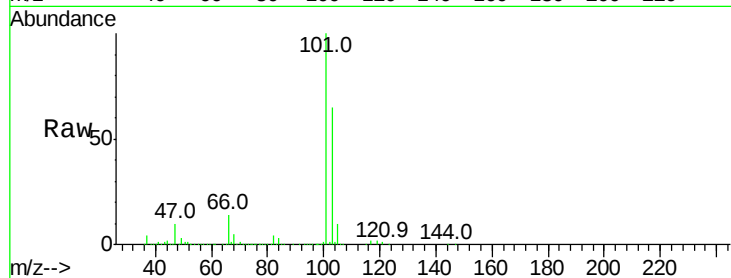


#7

Trichlorofluoromethane
 Concen: 59.341 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
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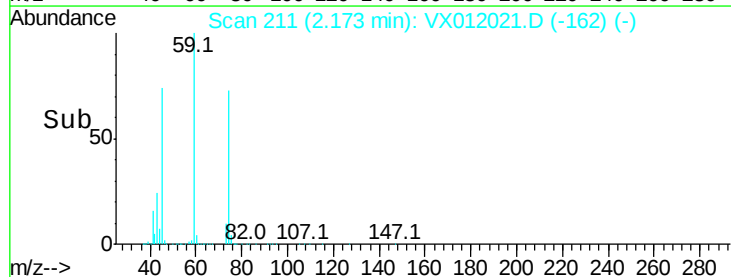
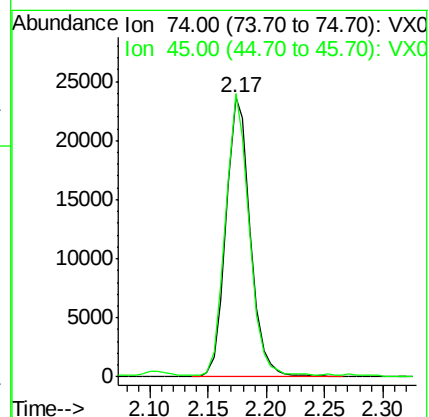
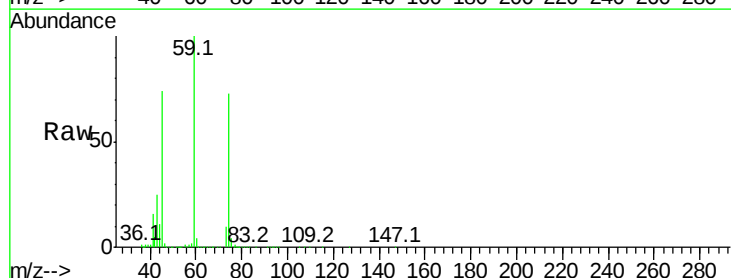
Tgt Ion:101 Resp: 97277
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.6 77.4

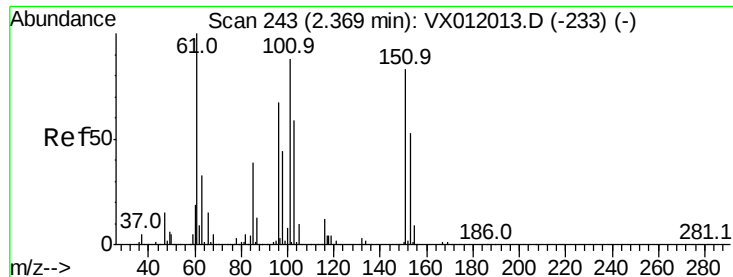


#8

Diethyl Ether
 Concen: 68.599 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

Tgt Ion: 74 Resp: 34194
 Ion Ratio Lower Upper
 74 100
 45 97.7 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.113 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

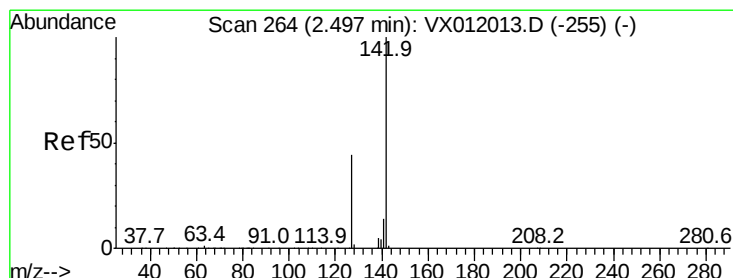
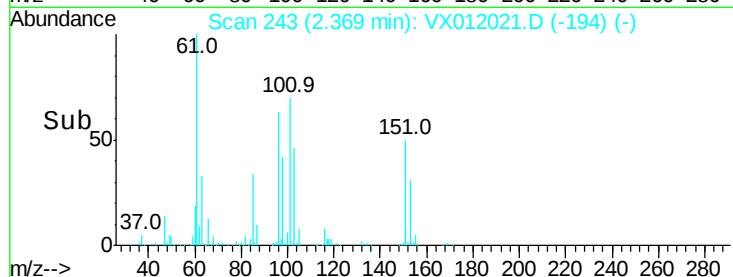
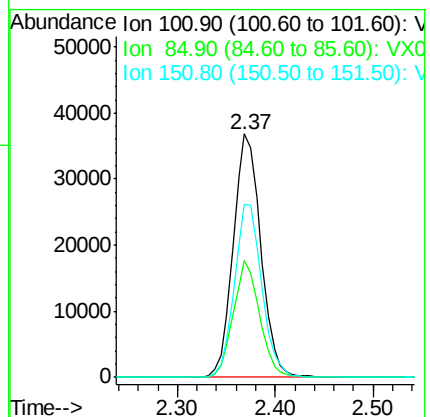
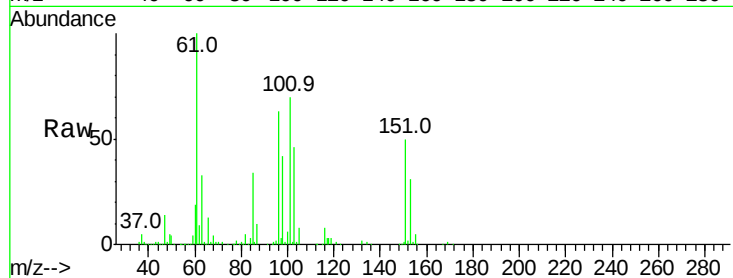
Tgt Ion:101 Resp: 72151

Ion Ratio Lower Upper

101 100

85 45.8 34.5 51.7

151 70.6 75.0 112.4#



#10

Methyl Iodide

Concen: 63.832 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

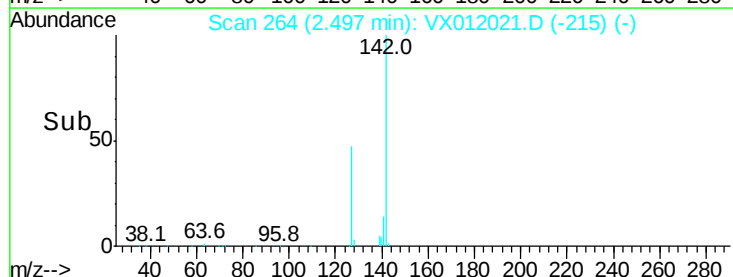
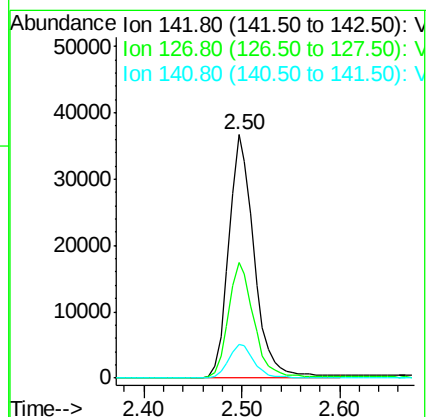
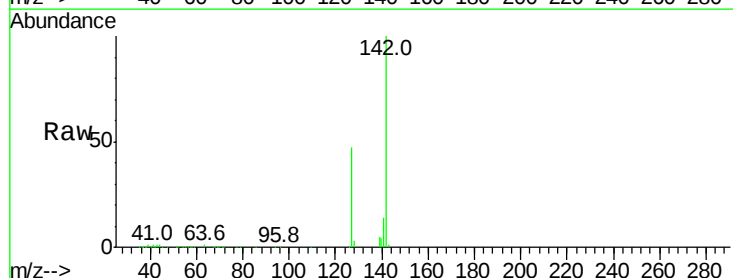
Tgt Ion:142 Resp: 66573

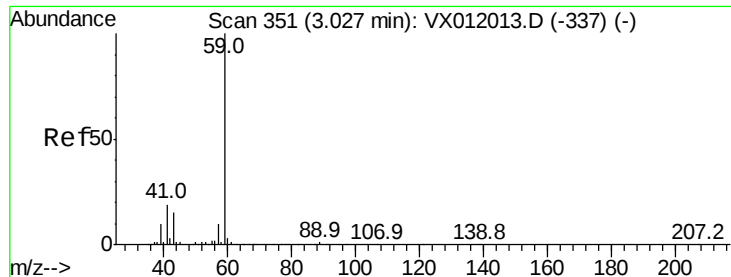
Ion Ratio Lower Upper

142 100

127 47.7 35.4 53.2

141 14.0 11.4 17.2

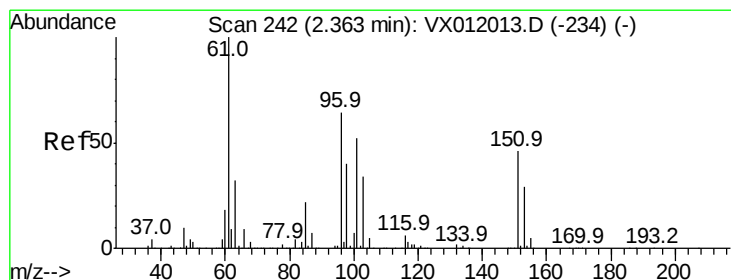
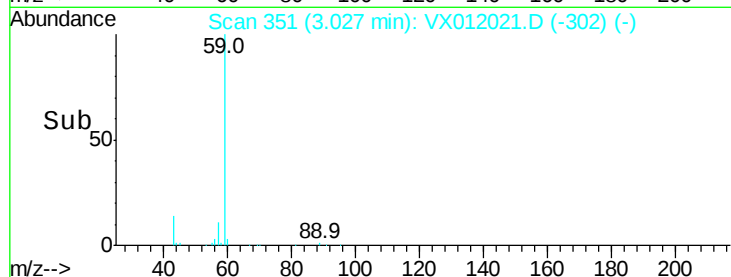
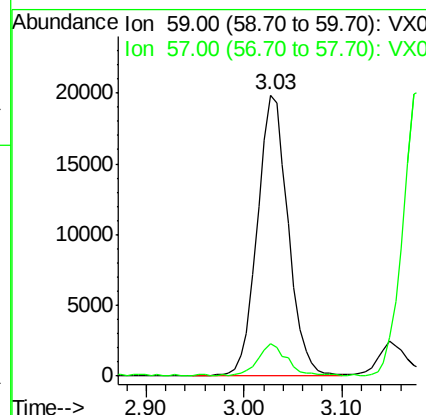
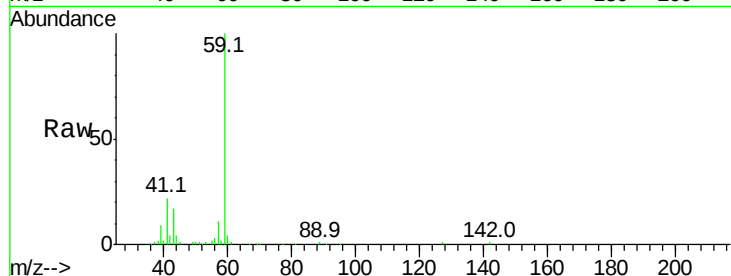




#11
Tert butyl alcohol
Concen: 404.454 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

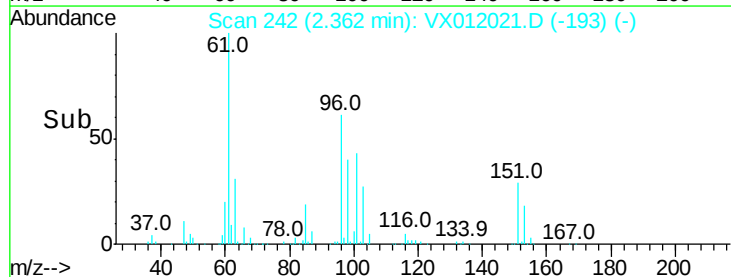
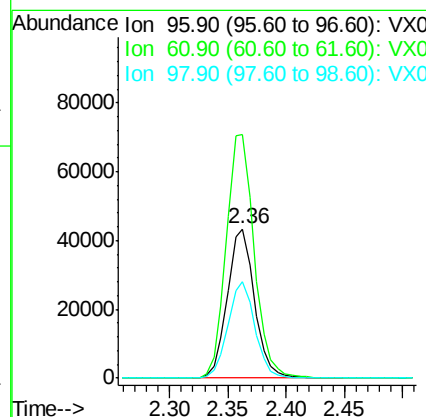
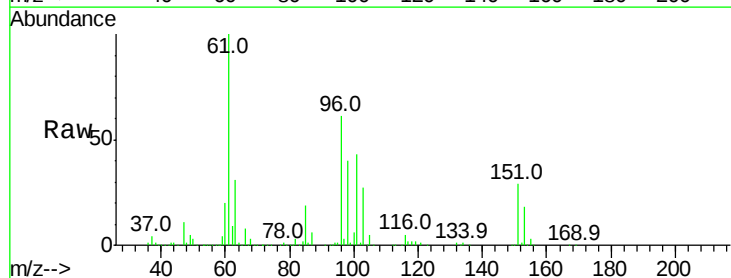
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

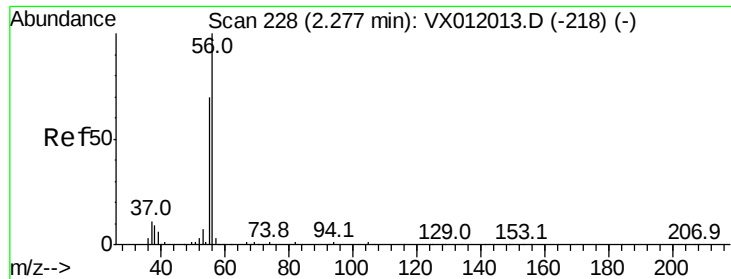
Tgt Ion: 59 Resp: 43757
Ion Ratio Lower Upper
59 100
57 11.3 7.9 11.9



#12
1,1-Dichloroethene
Concen: 73.497 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion: 96 Resp: 70008
Ion Ratio Lower Upper
96 100
61 162.8 124.1 186.1
98 64.7 50.2 75.2





#13

Acrolein

Concen: 298.245 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

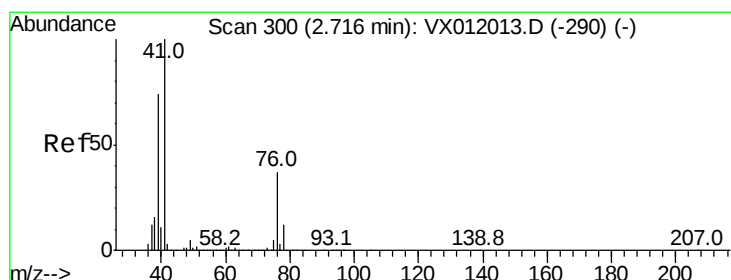
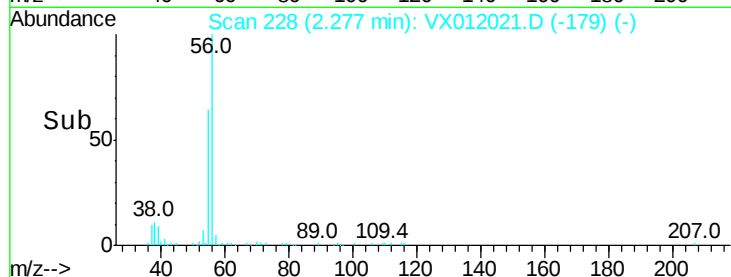
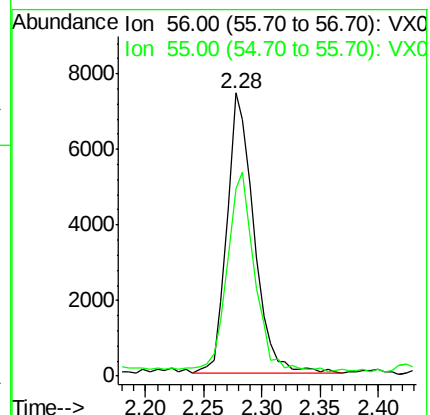
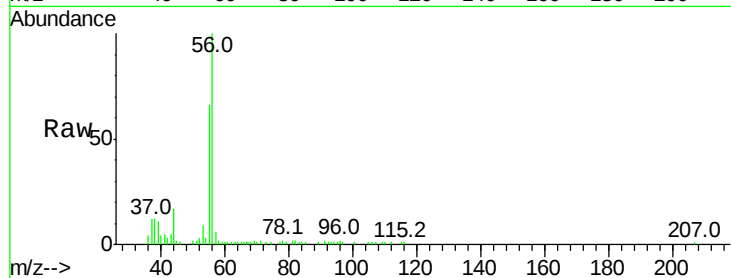
VSTDICCC050

Tgt Ion: 56 Resp: 11813

Ion Ratio Lower Upper

56 100

55 72.1 59.2 88.8



#14

Allyl chloride

Concen: 78.353 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

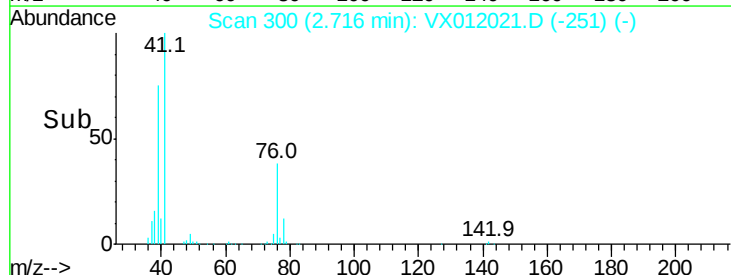
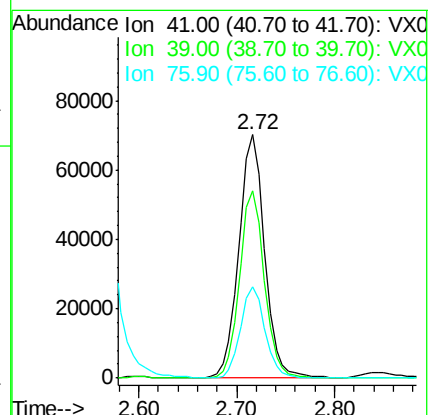
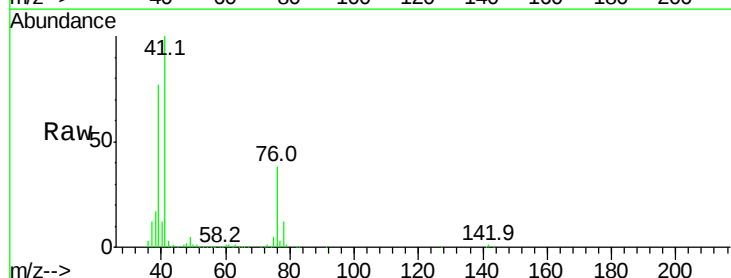
Tgt Ion: 41 Resp: 127909

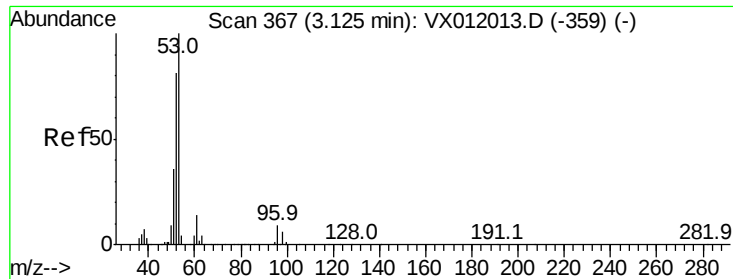
Ion Ratio Lower Upper

41 100

39 74.0 57.9 86.9

76 36.1 28.5 42.7





#15

Acrylonitrile

Concen: 408.757 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

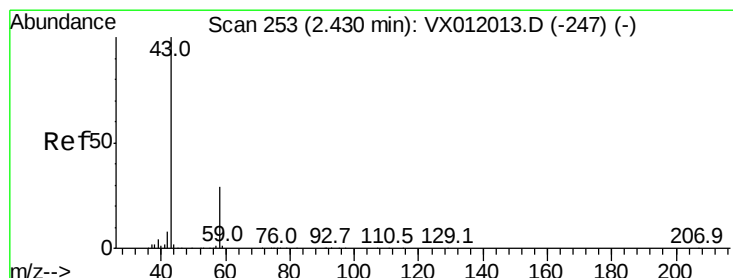
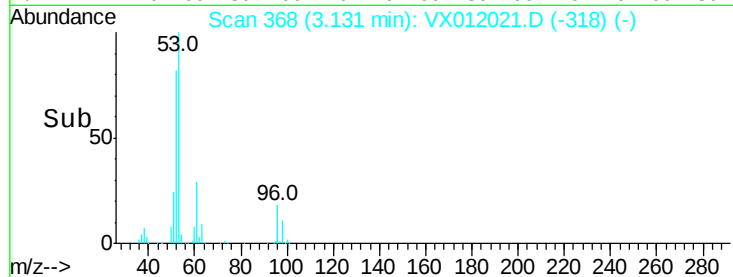
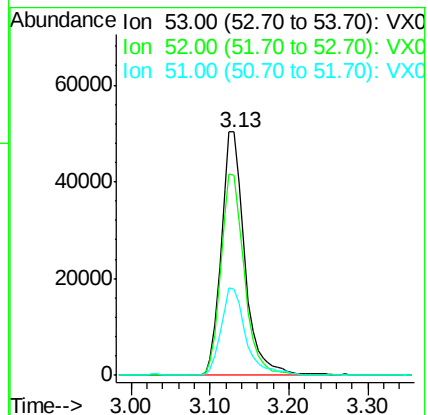
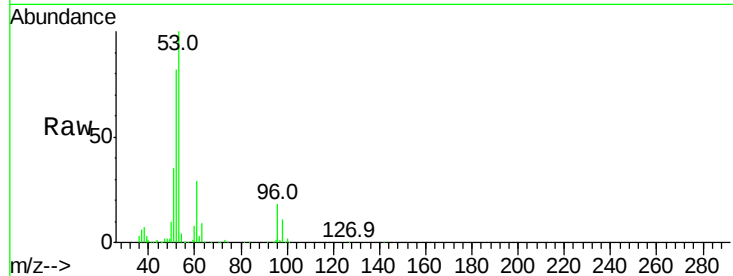
Tgt Ion: 53 Resp: 104242

Ion Ratio Lower Upper

53 100

52 82.5 65.6 98.4

51 38.2 29.8 44.6



#16

Acetone

Concen: 448.927 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012021.D

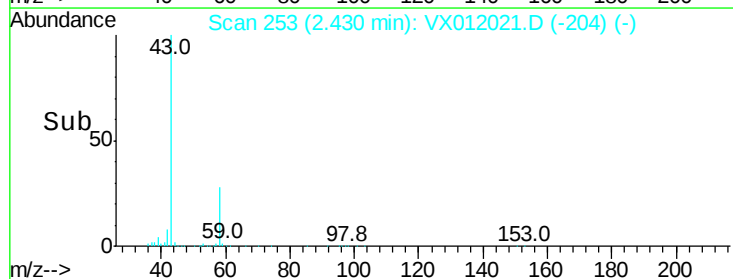
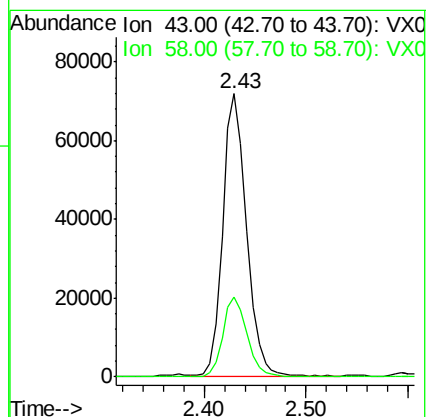
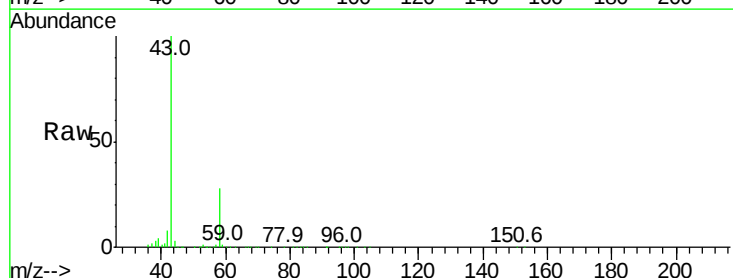
Acq: 03 Sep 2019 14:07

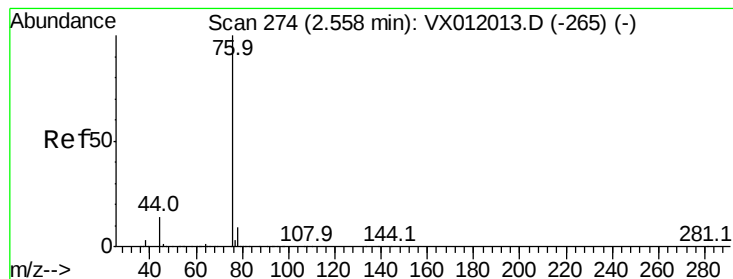
Tgt Ion: 43 Resp: 115384

Ion Ratio Lower Upper

43 100

58 28.0 22.8 34.2





#17

Carbon Disulfide

Concen: 82.248 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

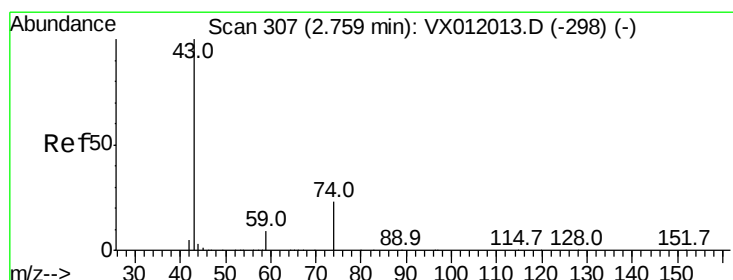
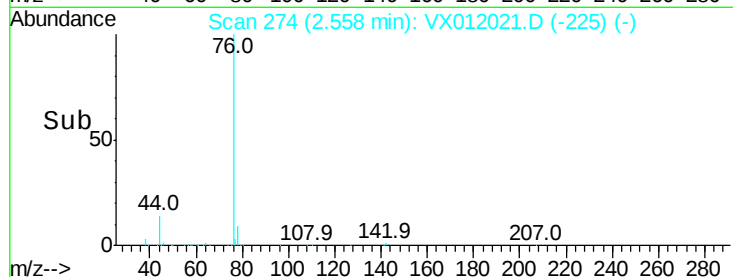
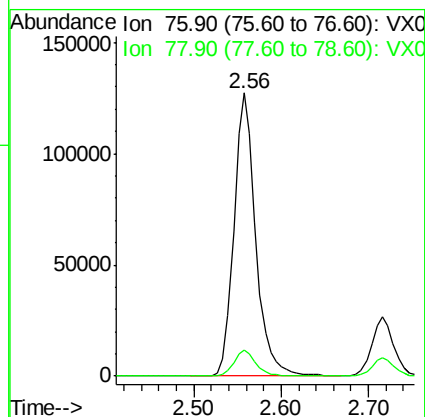
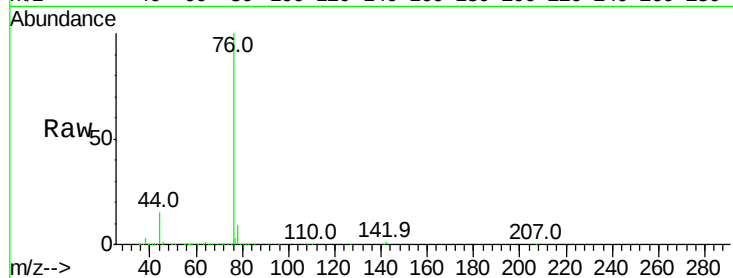
VSTDICCC050

Tgt Ion: 76 Resp: 221025

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



#18

Methyl Acetate

Concen: 77.247 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012021.D

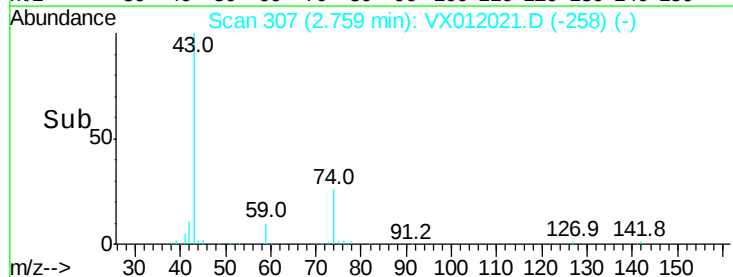
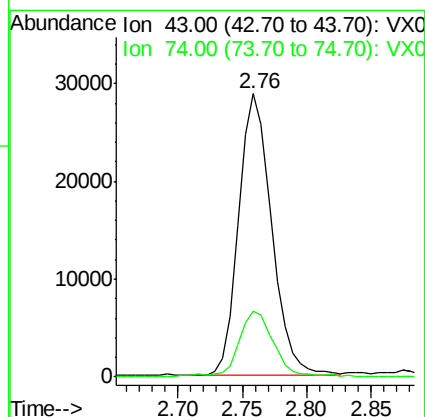
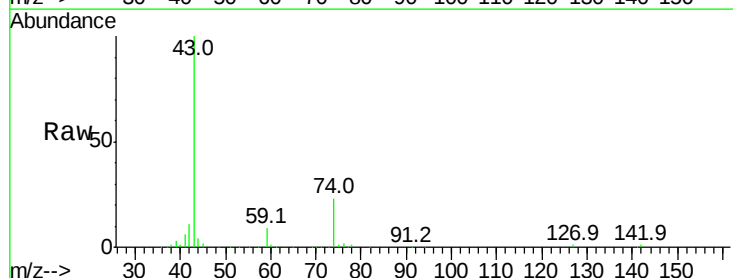
Acq: 03 Sep 2019 14:07

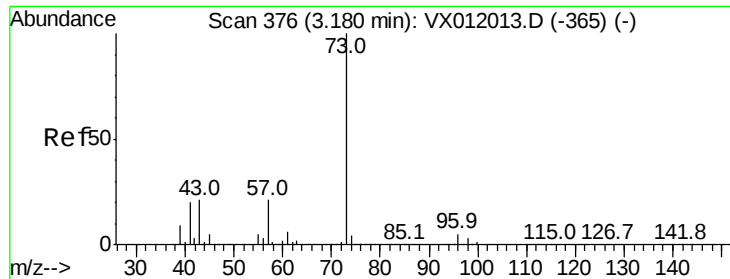
Tgt Ion: 43 Resp: 51449

Ion Ratio Lower Upper

43 100

74 24.6 19.5 29.3

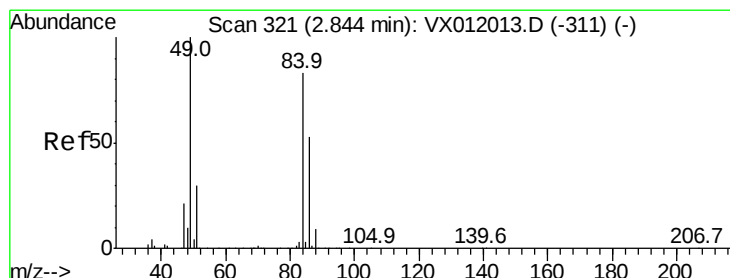
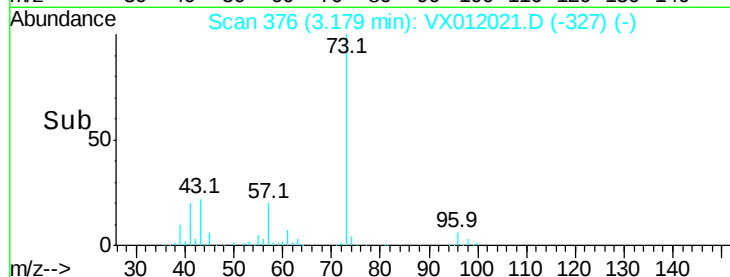
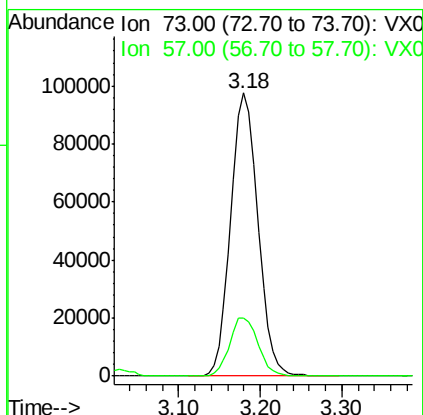
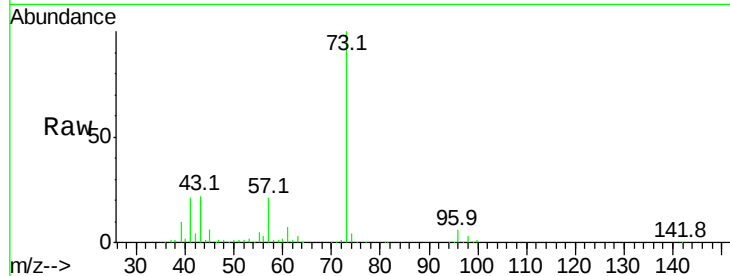




#19
Methyl tert-butyl Ether
Concen: 79.168 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

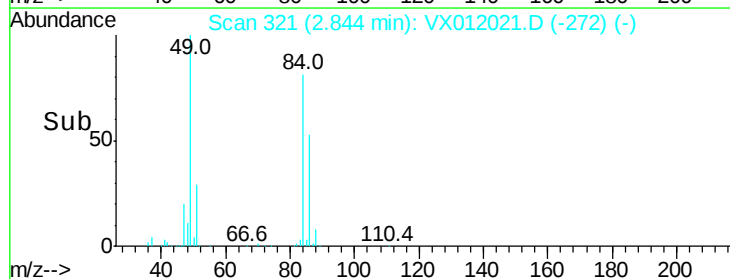
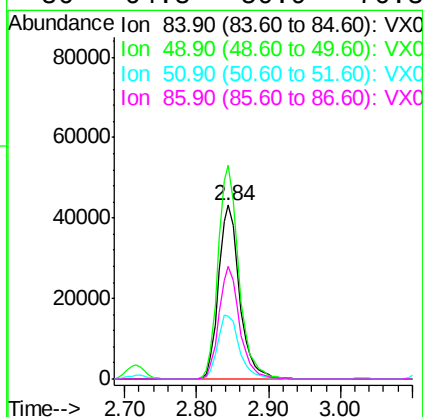
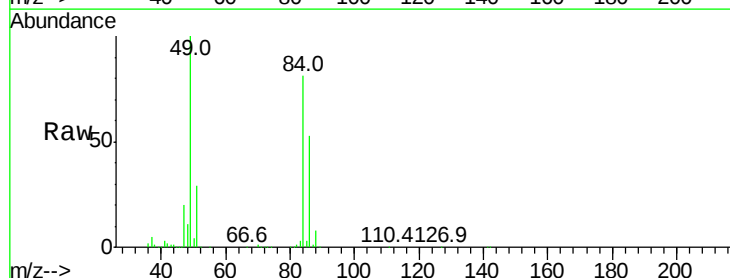
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

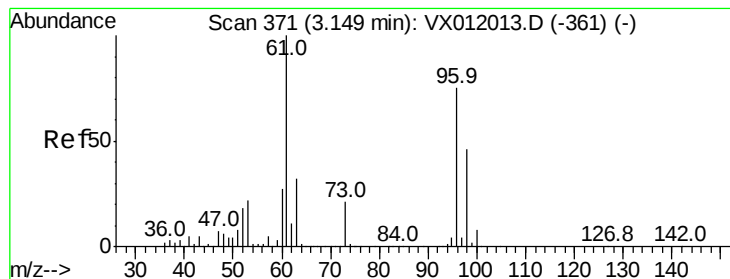
Tgt Ion: 73 Resp: 224805
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 75.032 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion: 84 Resp: 87106
Ion Ratio Lower Upper
84 100
49 123.0 95.8 143.8
51 36.2 28.6 43.0
86 64.8 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 73.898 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

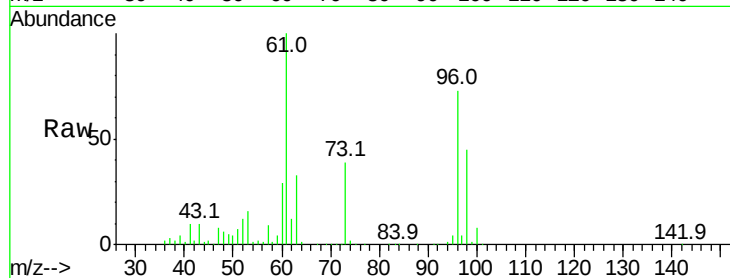
Tgt Ion: 96 Resp: 83673

Ion Ratio Lower Upper

96 100

61 137.0 107.0 160.6

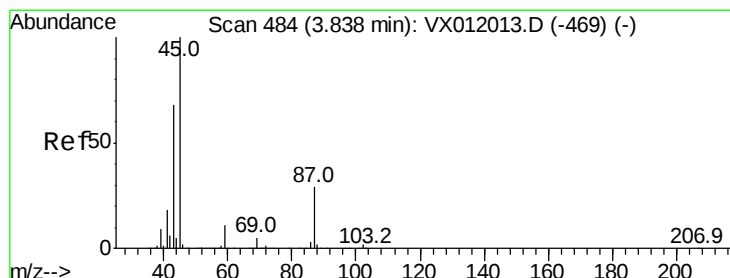
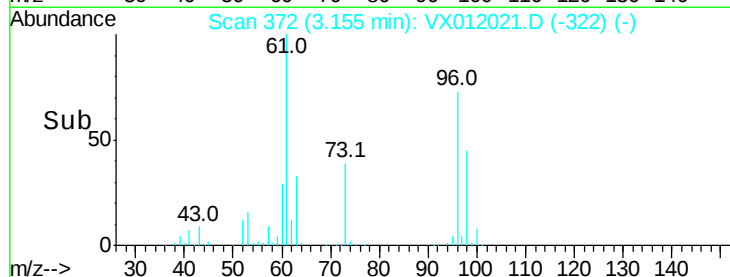
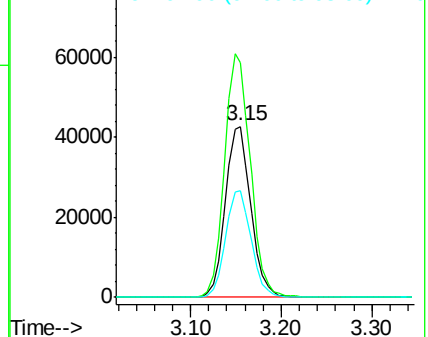
98 62.2 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 76.769 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Tgt Ion: 45 Resp: 252033

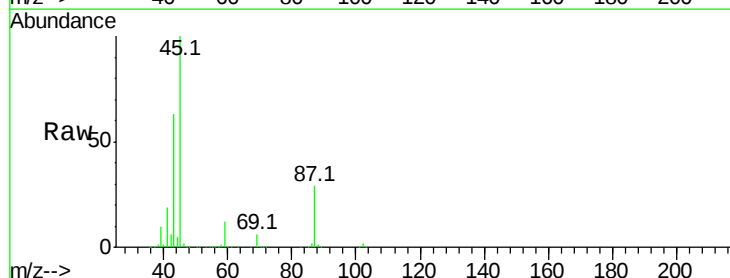
Ion Ratio Lower Upper

45 100

43 63.3 54.2 81.4

87 29.2 23.4 35.0

59 11.8 9.0 13.6

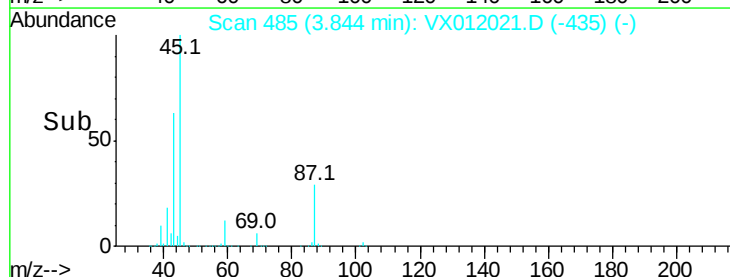
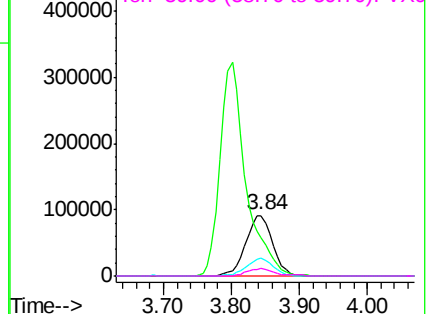


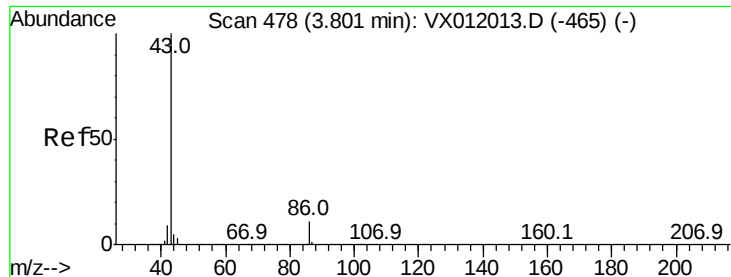
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

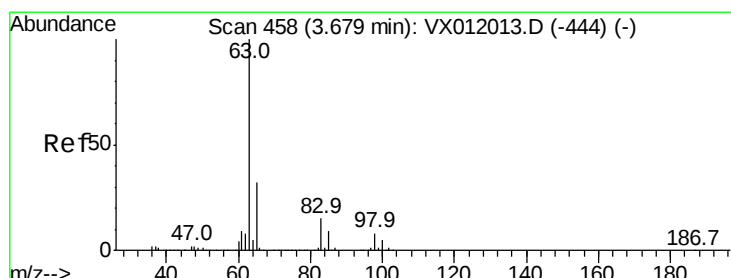
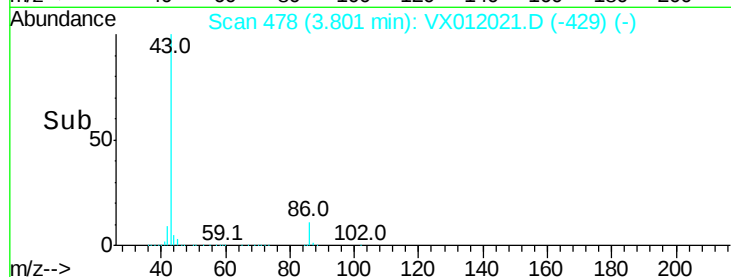
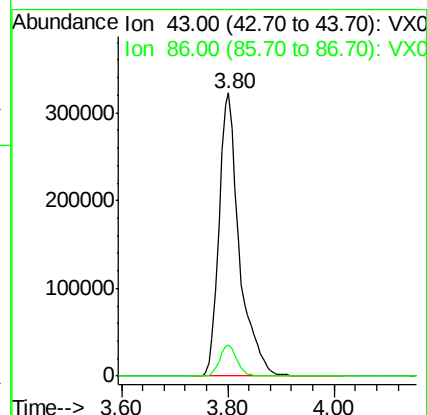
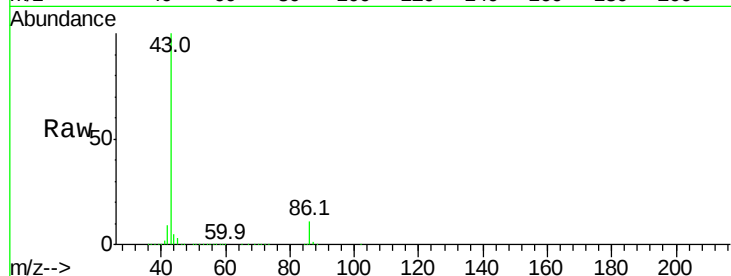




#23
 Vinyl Acetate
 Concen: 415.567 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

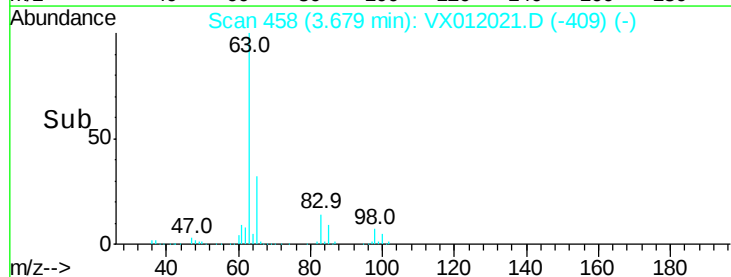
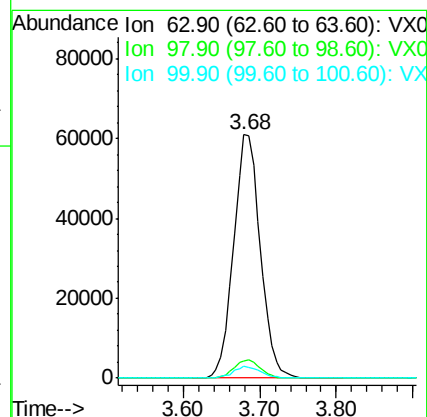
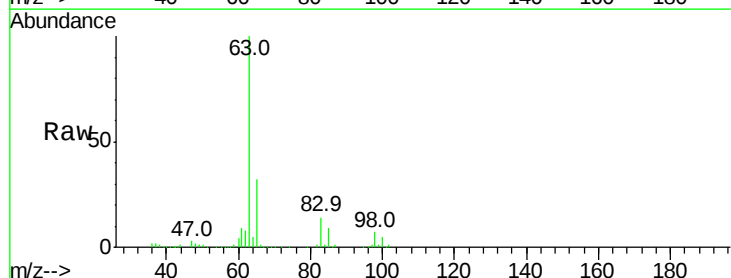
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

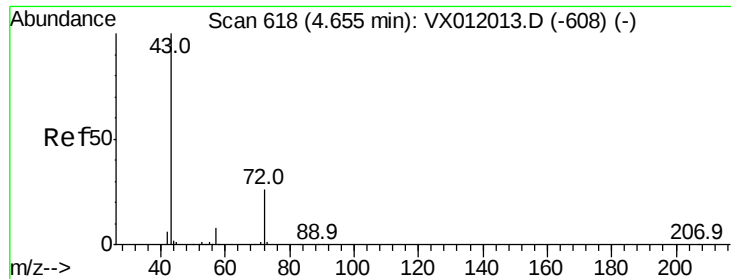
Tgt Ion: 43 Resp: 857831
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 76.798 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

Tgt Ion: 63 Resp: 147037
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.1 2.5 7.4





#25

2-Butanone

Concen: 428.135 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

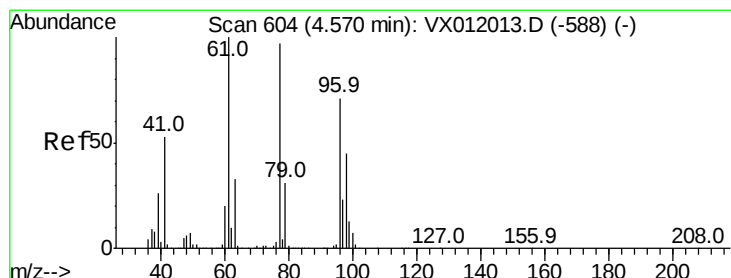
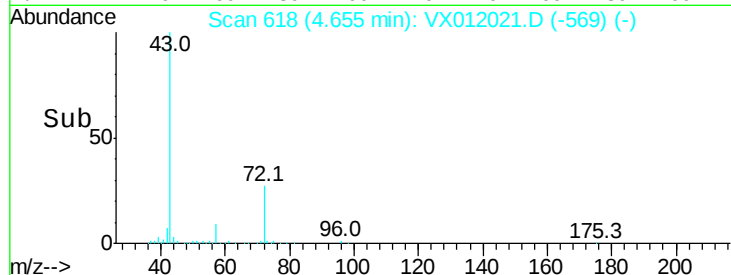
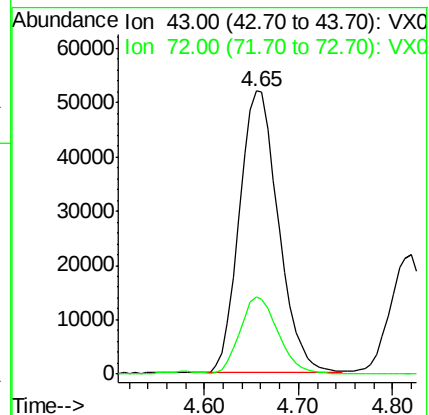
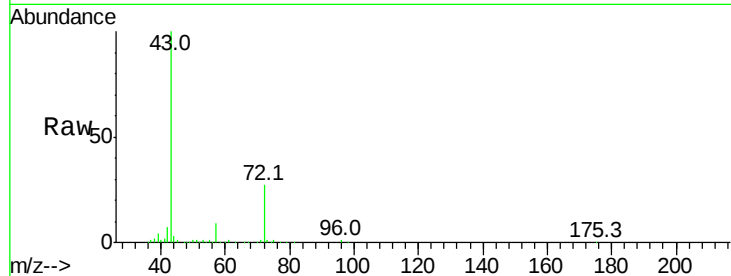
VSTDICCC050

Tgt Ion: 43 Resp: 149910

Ion Ratio Lower Upper

43 100

72 27.1 21.3 31.9



#26

2,2-Dichloropropane

Concen: 75.855 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012021.D

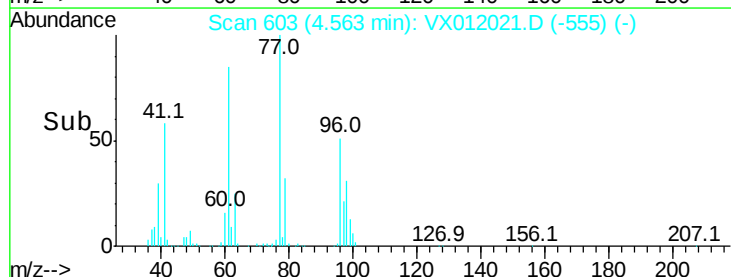
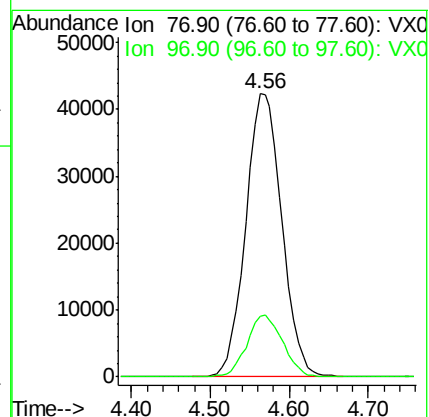
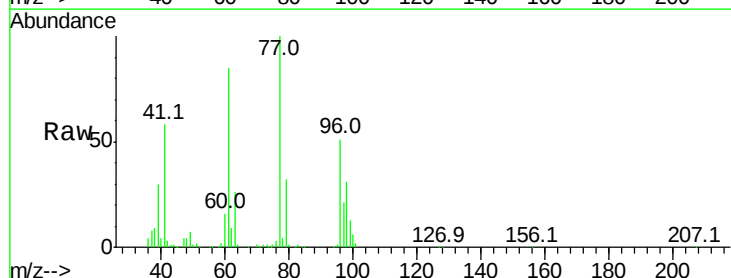
Acq: 03 Sep 2019 14:07

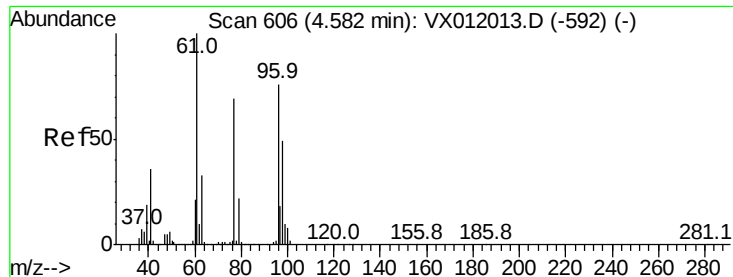
Tgt Ion: 77 Resp: 134714

Ion Ratio Lower Upper

77 100

97 21.8 11.5 34.5



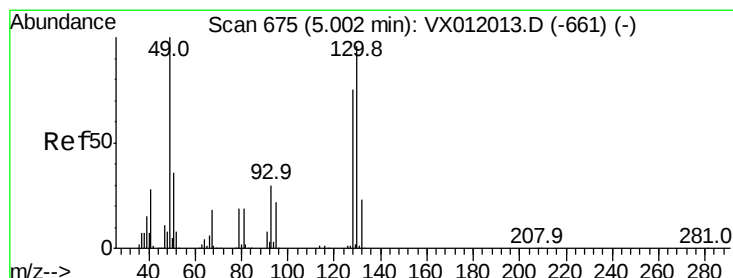
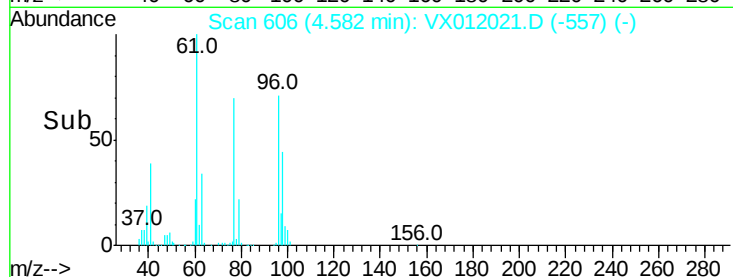
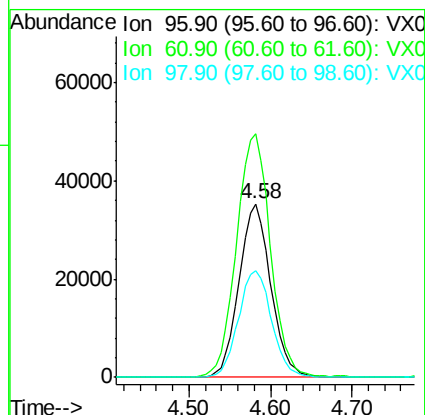
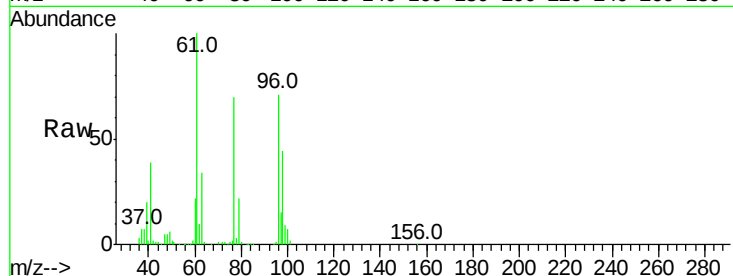


#27

cis-1,2-Dichloroethene
Concen: 73.193 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

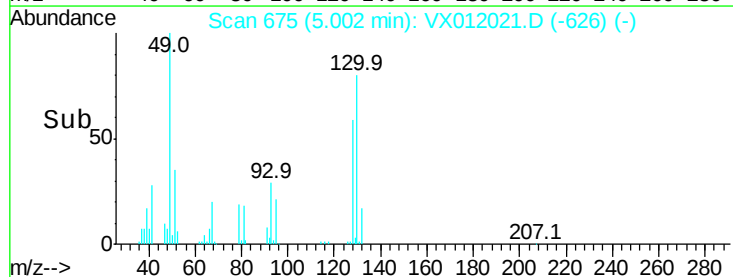
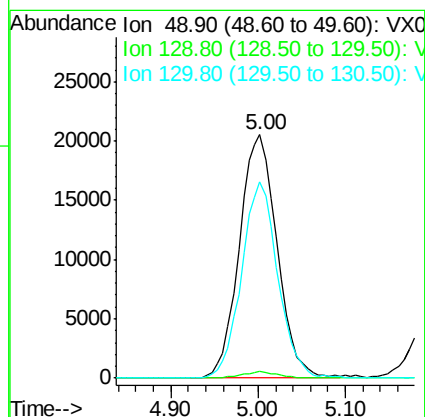
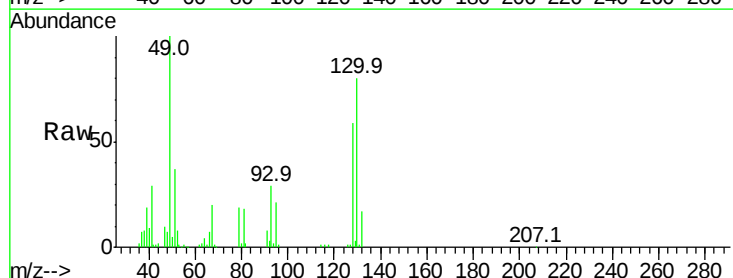
Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	277.0
98	64.5	0.0	128.4

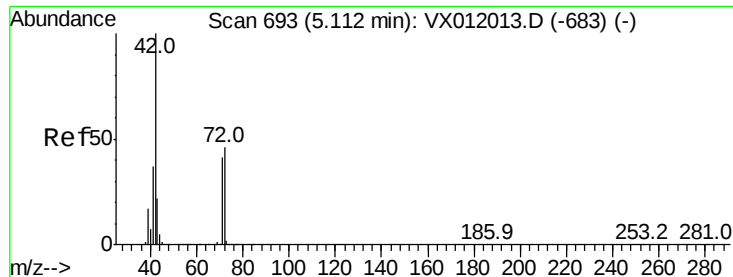


#28

Bromochloromethane
Concen: 78.172 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.6
130	77.5	76.7	115.1





#29

Tetrahydrofuran

Concen: 409.906 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

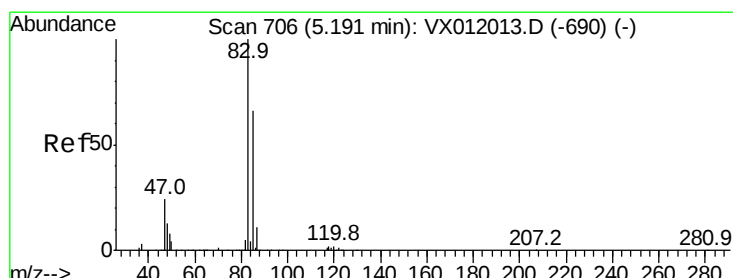
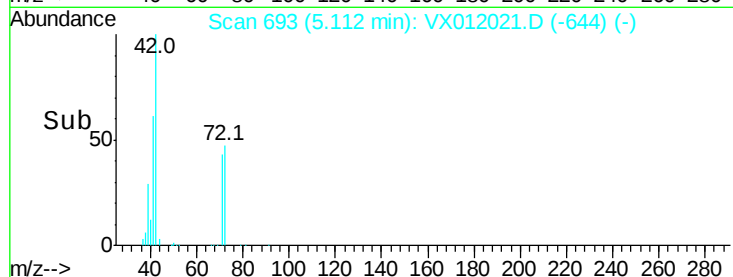
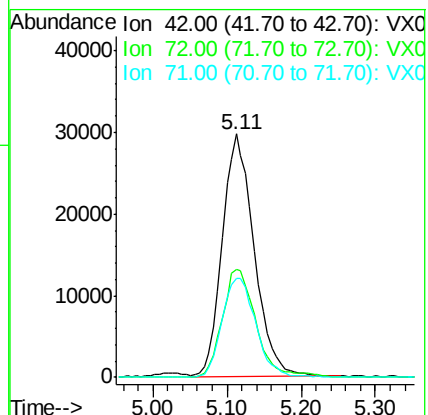
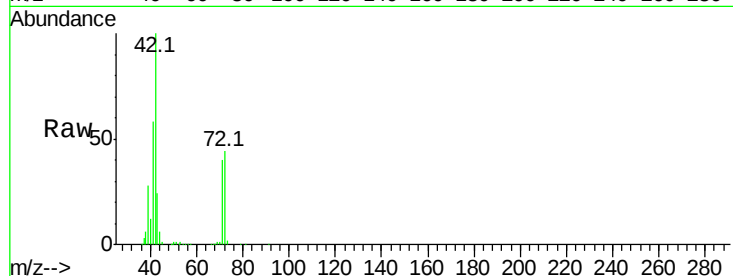
Tgt Ion: 42 Resp: 88270

Ion Ratio Lower Upper

42 100

72 47.3 37.0 55.4

71 43.6 33.8 50.8



#30

Chloroform

Concen: 74.478 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.01 min

Lab File: VX012021.D

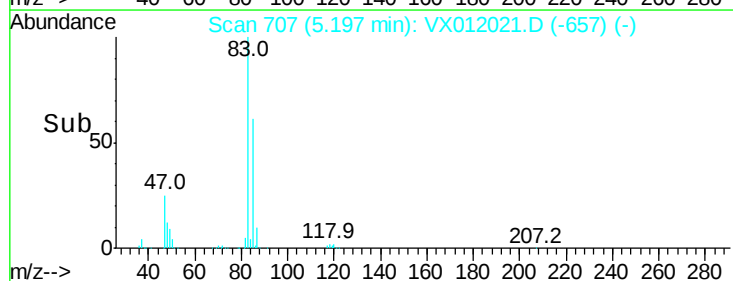
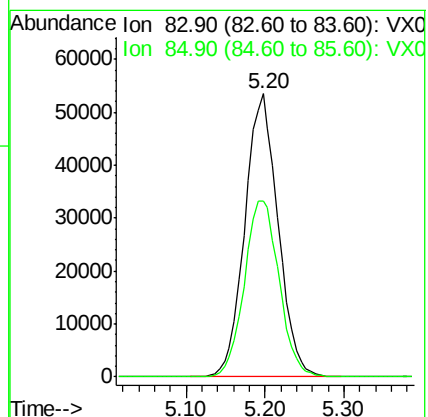
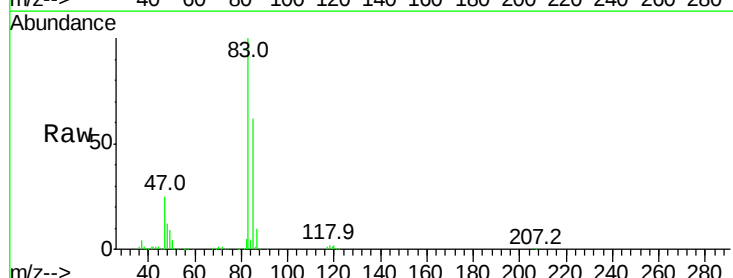
Acq: 03 Sep 2019 14:07

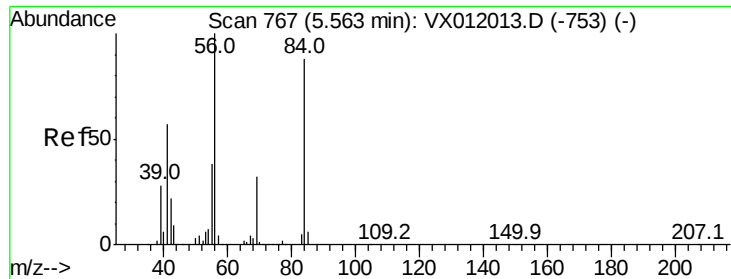
Tgt Ion: 83 Resp: 156516

Ion Ratio Lower Upper

83 100

85 62.0 52.6 78.8

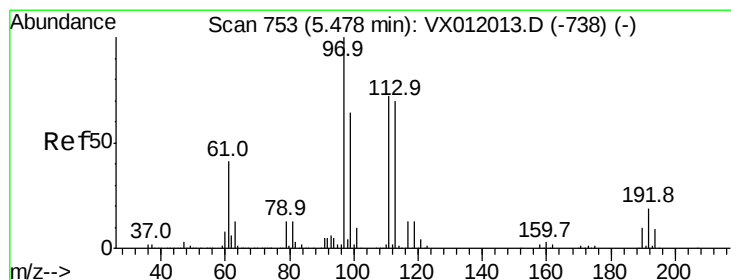
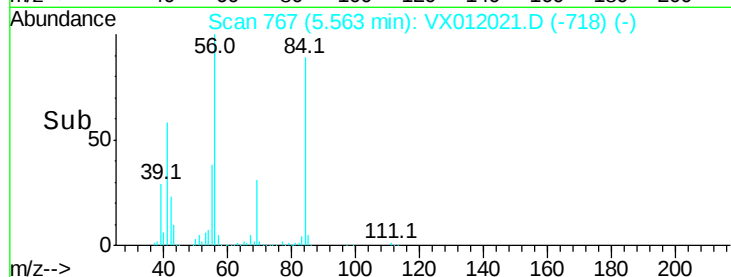
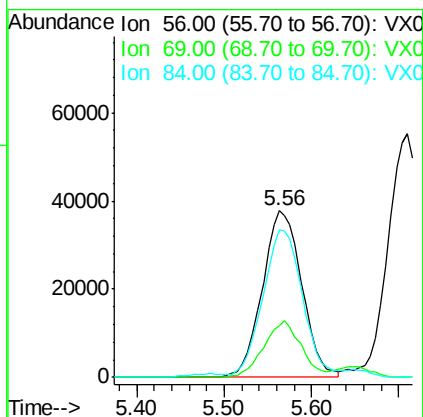
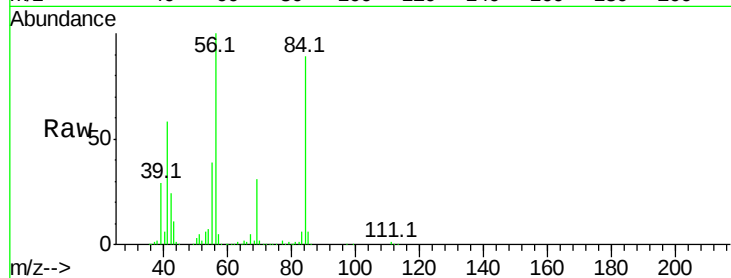




#31
Cyclohexane
Concen: 74.368 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

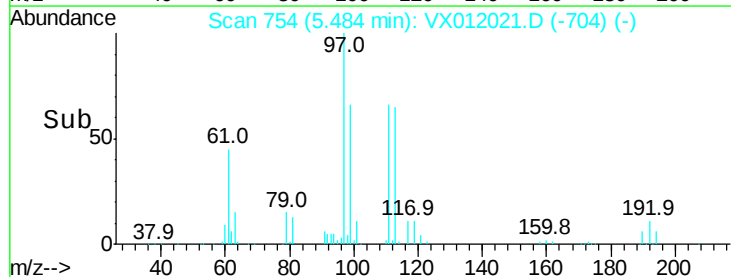
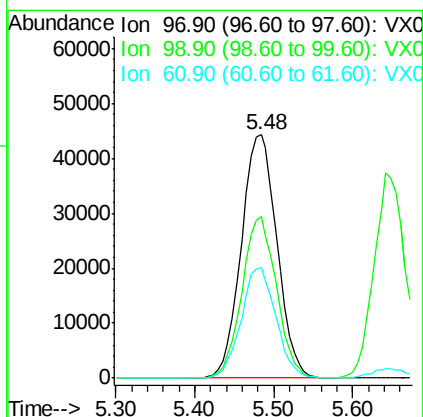
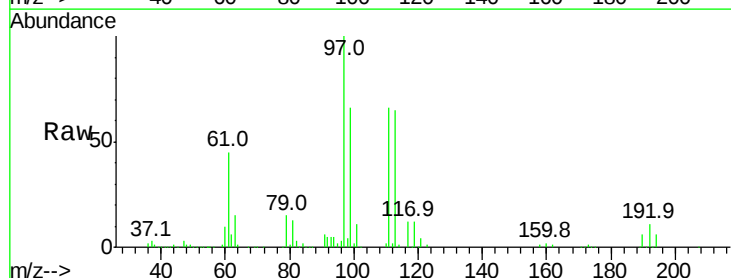
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

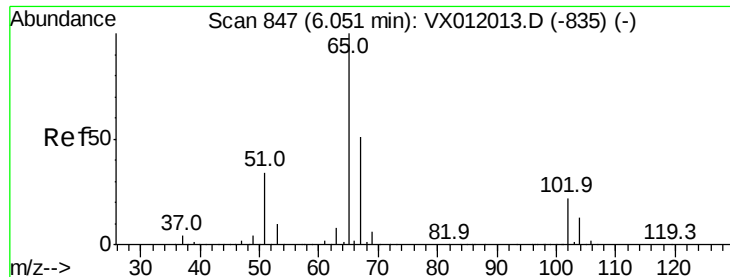
Tgt Ion: 56 Resp: 118620
Ion Ratio Lower Upper
56 100
69 31.3 25.7 38.5
84 87.9 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 71.260 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion: 97 Resp: 139324
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 44.5 32.8 49.2

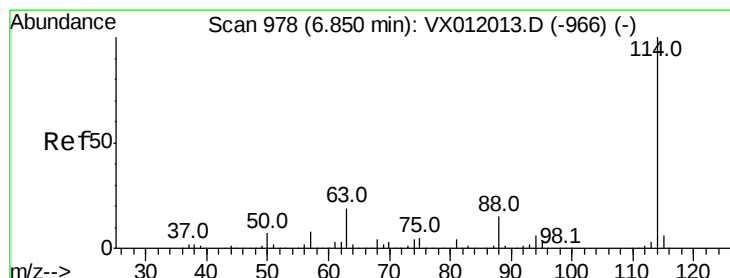
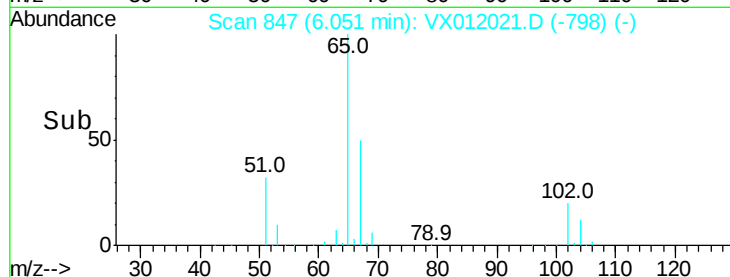
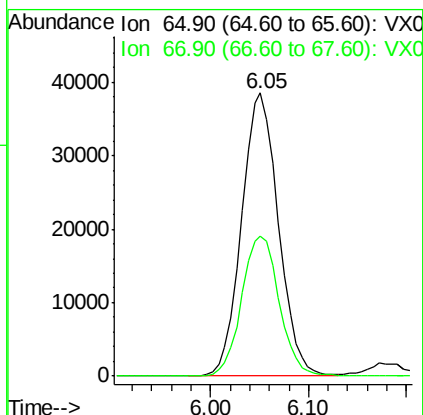
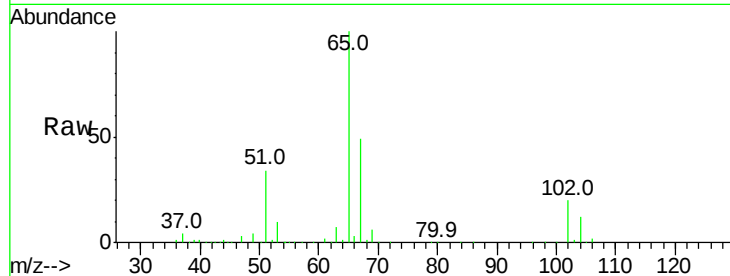




#33
 1,2-Dichloroethane-d4
 Concen: 76.730 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

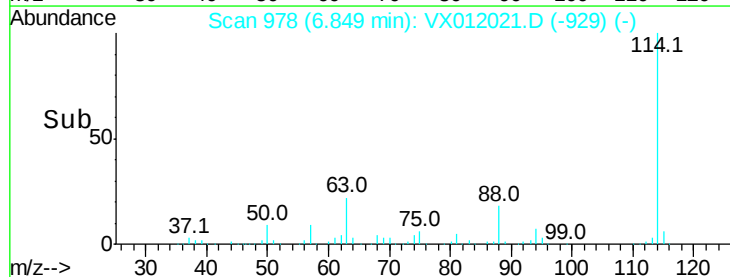
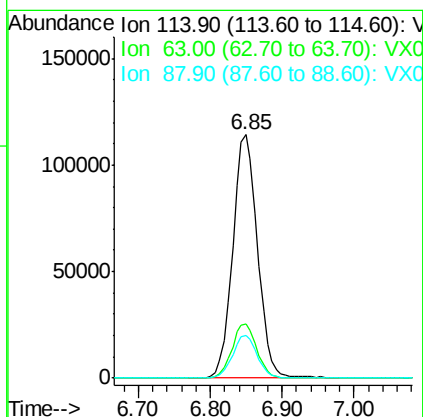
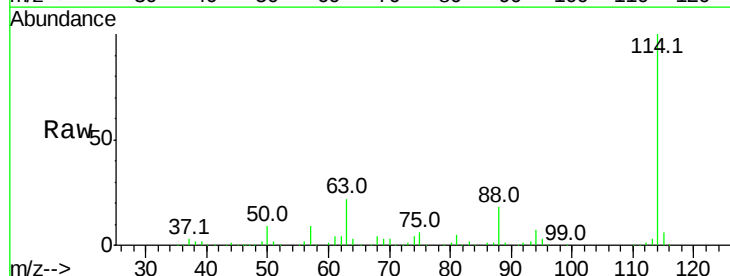
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

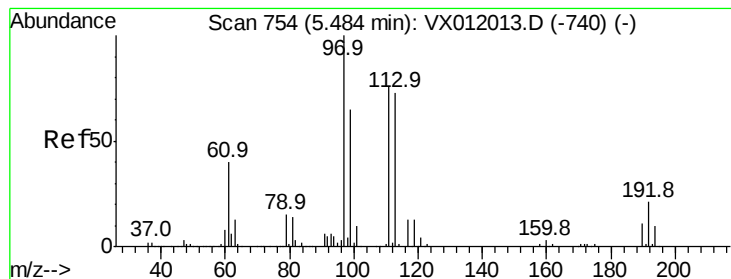
Tgt Ion: 65 Resp: 100490
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

Tgt Ion: 114 Resp: 272705
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 37.4
 88 17.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.187 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

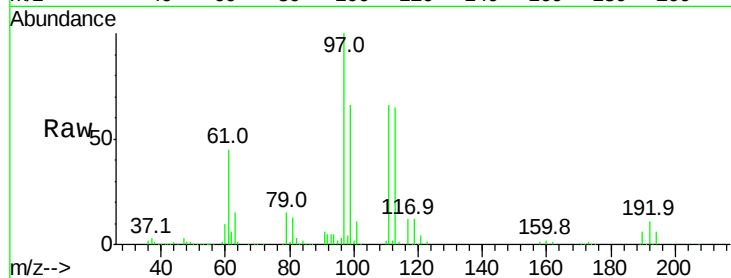
Tgt Ion:113 Resp: 82589

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

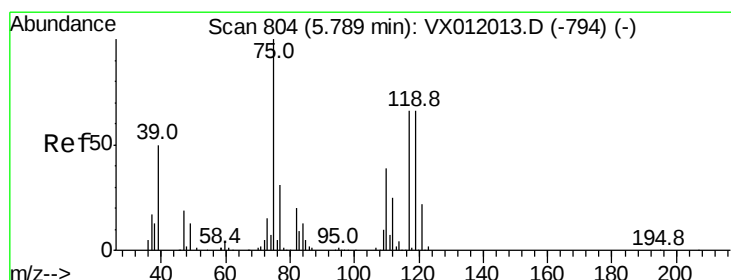
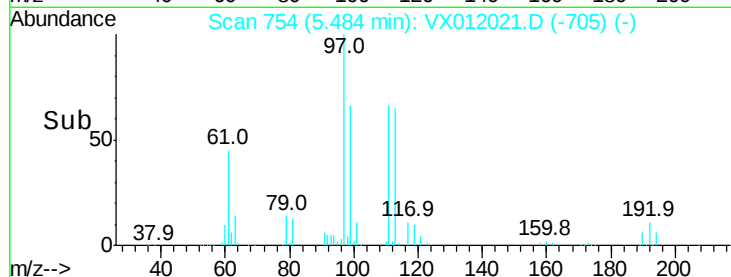
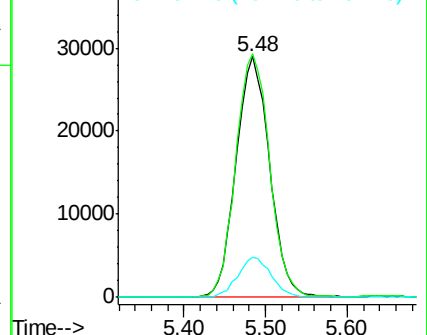
192 16.6 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 55.369 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

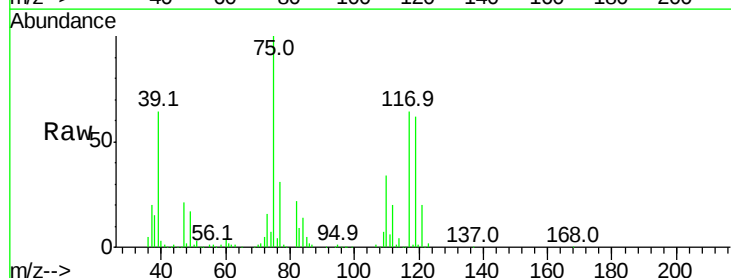
Tgt Ion: 75 Resp: 115539

Ion Ratio Lower Upper

75 100

110 34.8 19.5 58.5

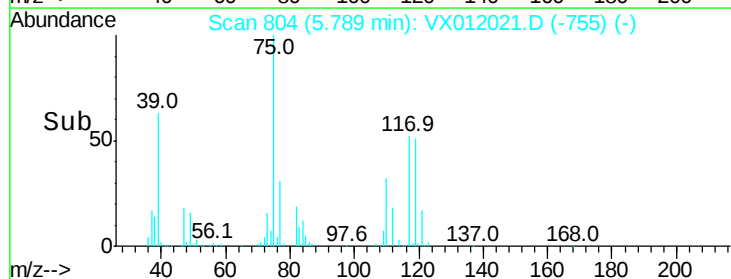
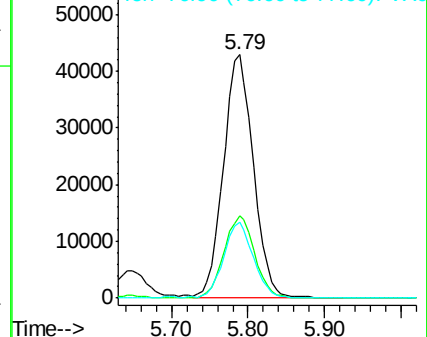
77 30.6 24.6 37.0

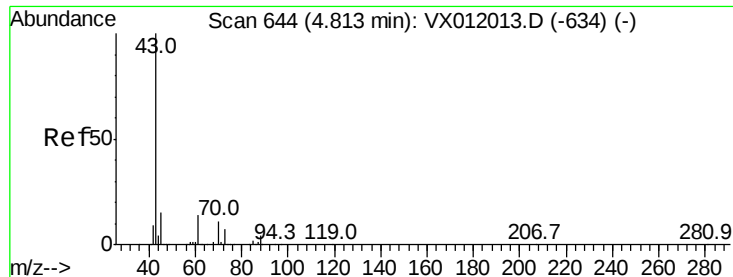


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

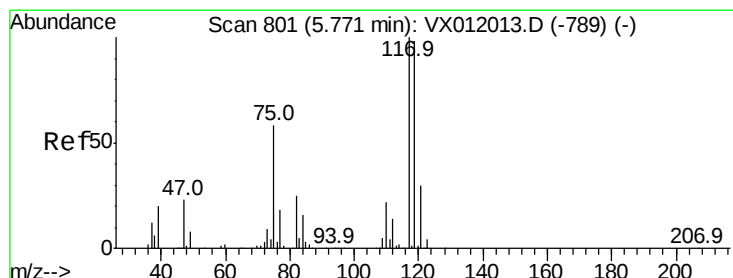
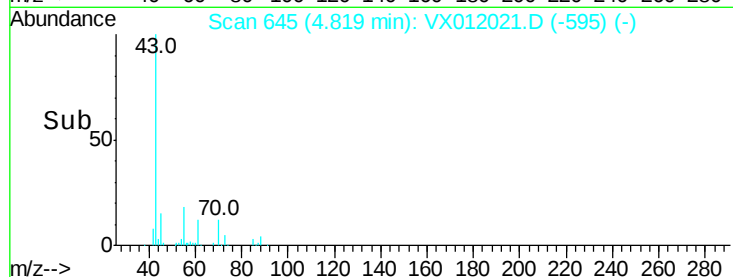
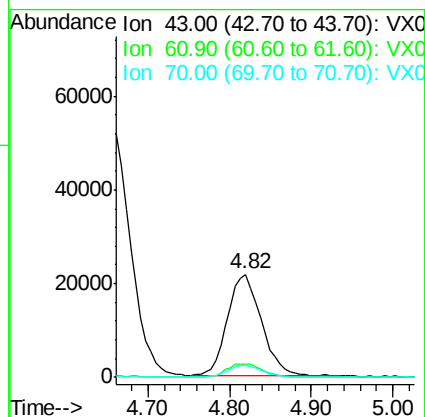
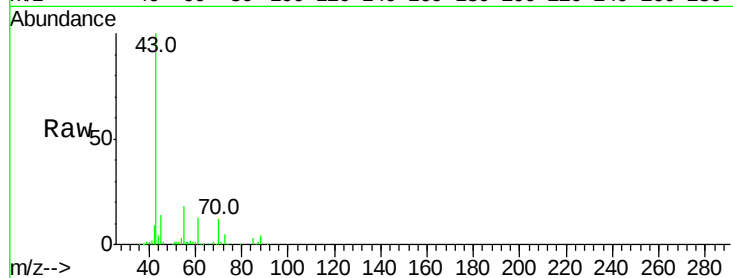




#37
Ethyl Acetate
Concen: 60.785 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

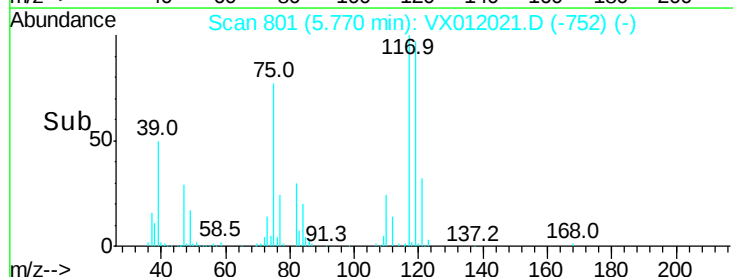
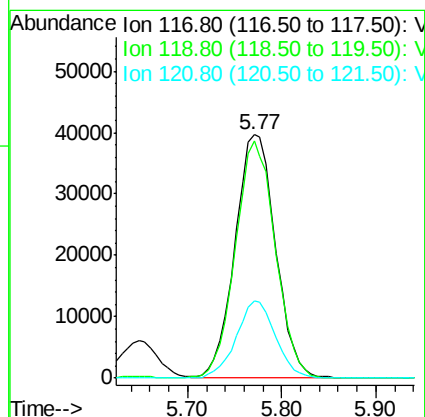
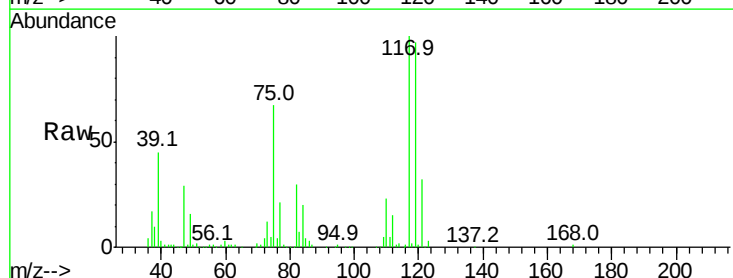
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

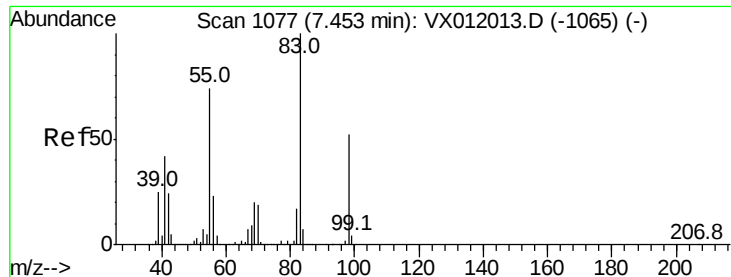
Tgt Ion: 43 Resp: 63495
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 12.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 46.744 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion: 117 Resp: 118612
Ion Ratio Lower Upper
117 100
119 97.6 78.3 117.5
121 31.9 24.2 36.2

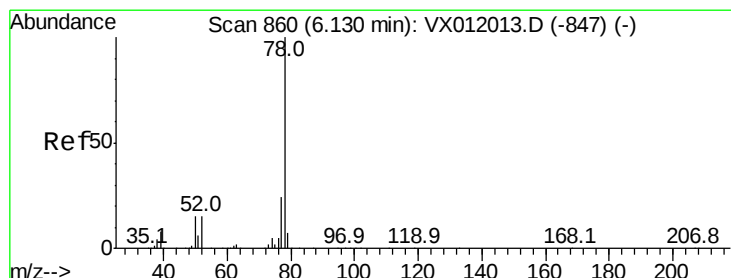
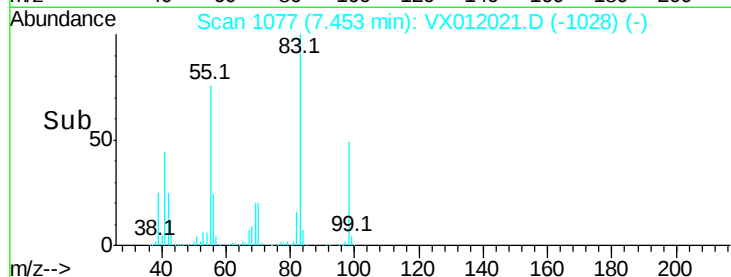
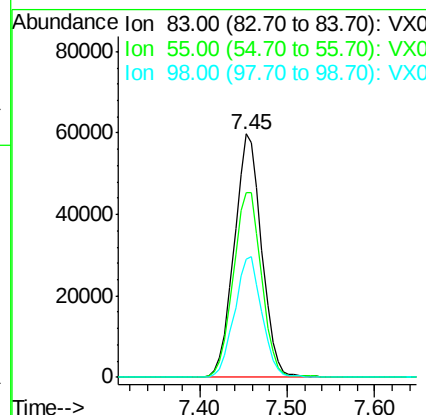
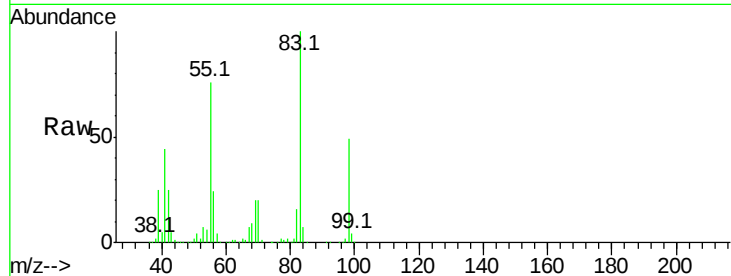




#39
Methylcyclohexane
Concen: 51.550 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

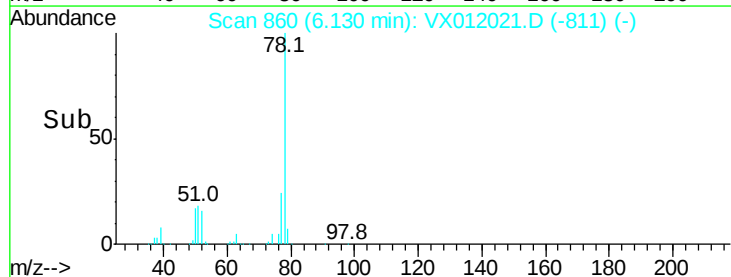
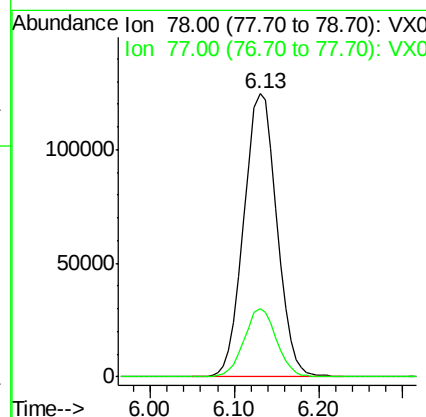
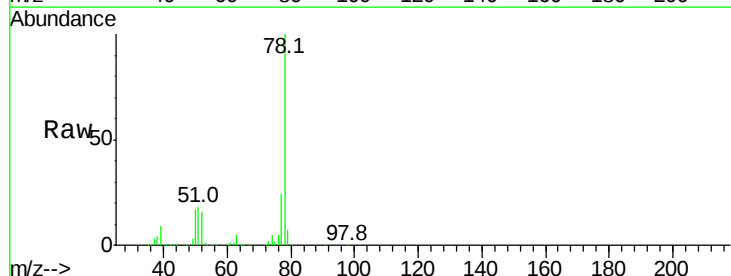
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

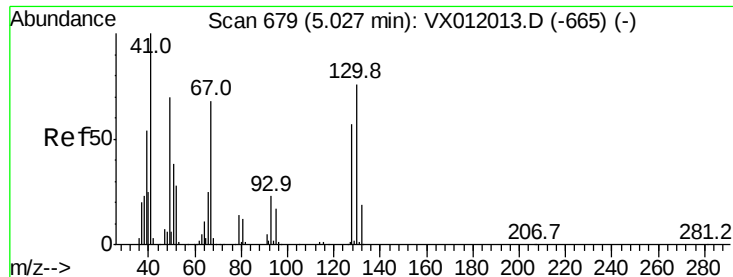
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.6	89.4
98	48.8	41.4	62.0



#40
Benzene
Concen: 54.838 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





#41

Methacrylonitrile

Concen: 58.854 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 37051

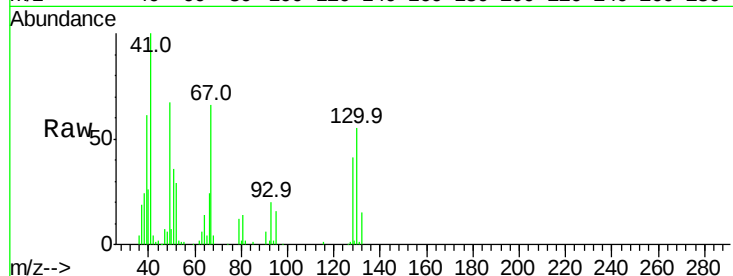
Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

67 70.8 57.0 85.6

52 30.7 23.5 35.3

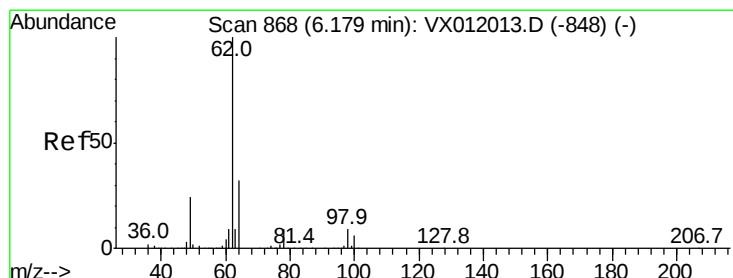
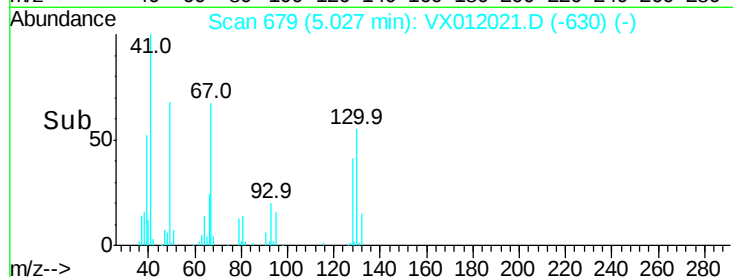
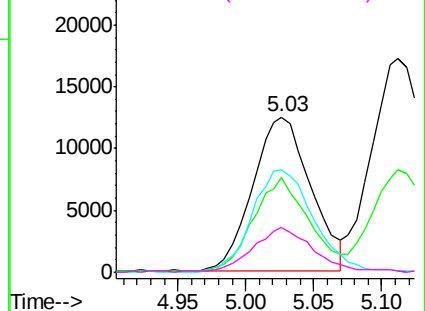


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 57.990 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012021.D

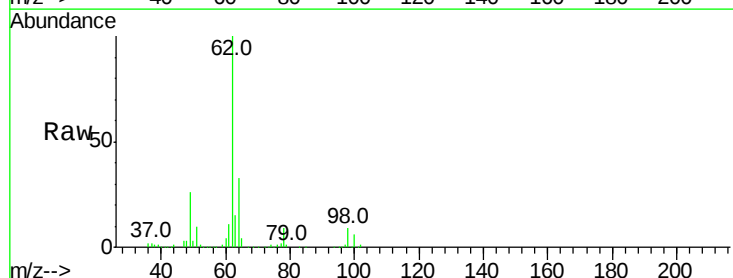
Acq: 03 Sep 2019 14:07

Tgt Ion: 62 Resp: 118395

Ion Ratio Lower Upper

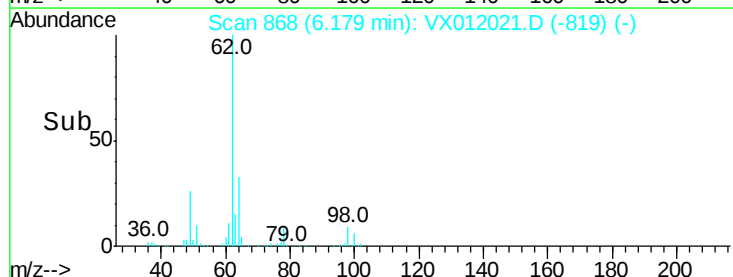
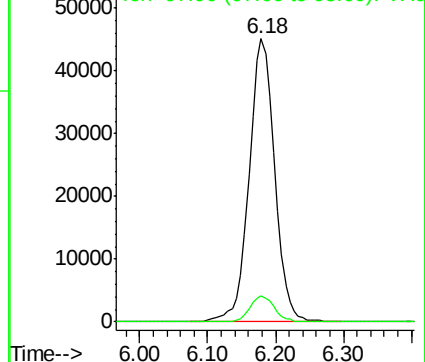
62 100

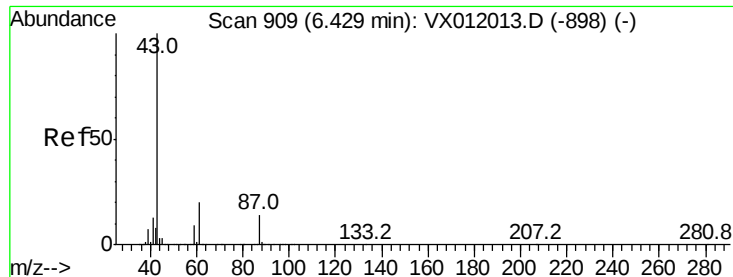
98 8.9 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 58.422 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

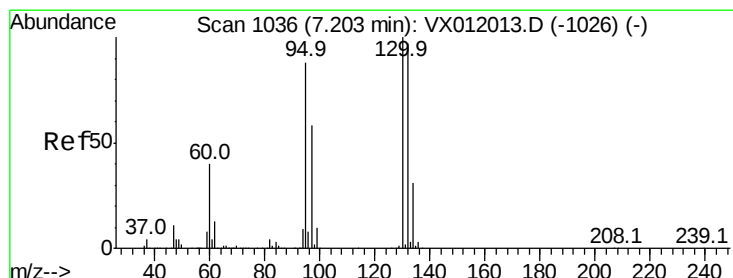
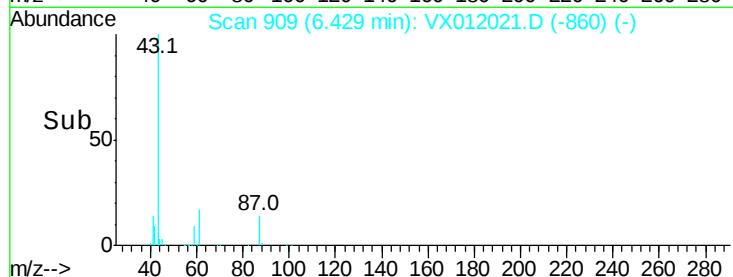
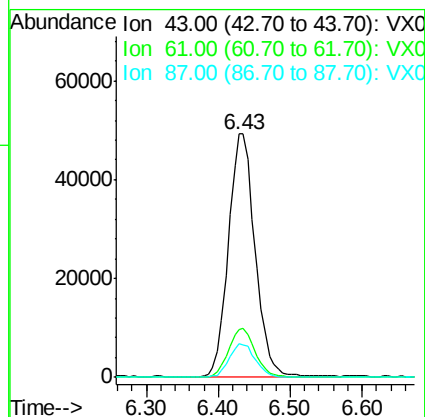
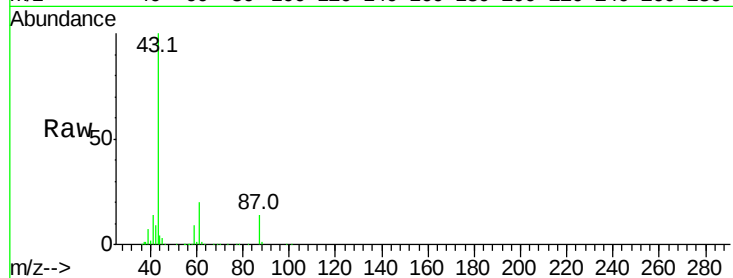
Tgt Ion: 43 Resp: 126144

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

87 13.6 11.3 16.9



#44

Trichloroethene

Concen: 44.099 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012021.D

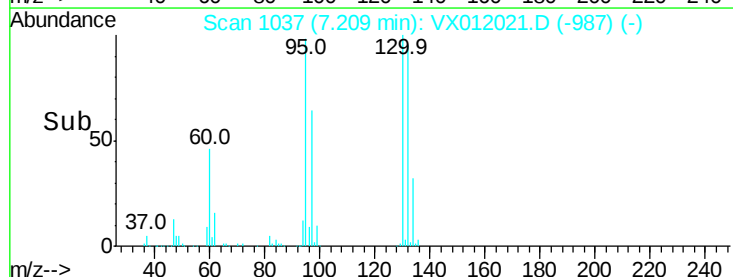
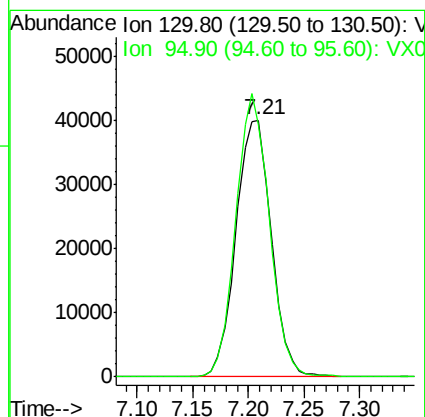
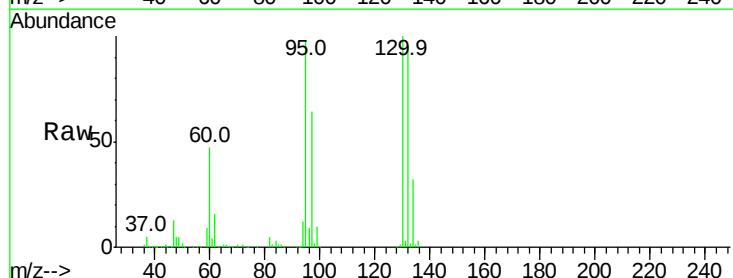
Acq: 03 Sep 2019 14:07

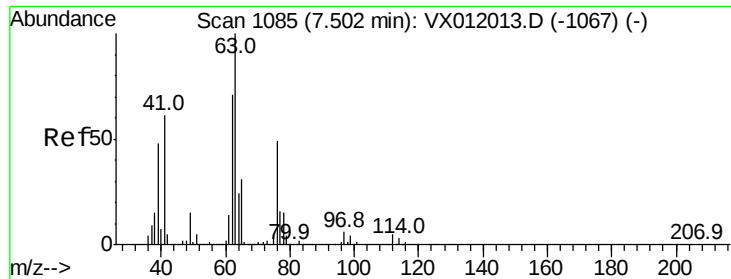
Tgt Ion:130 Resp: 88271

Ion Ratio Lower Upper

130 100

95 98.3 0.0 176.4





#45

1,2-Dichloropropane

Concen: 55.360 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

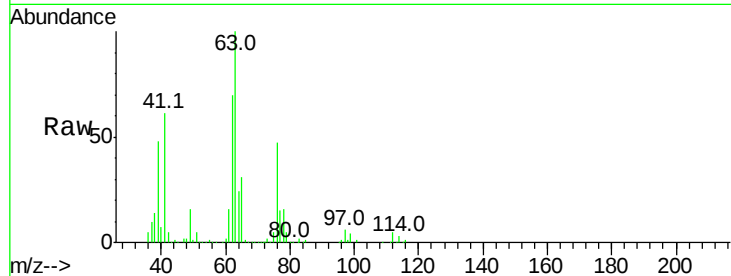
VSTDICCC050

Tgt Ion: 63 Resp: 83956

Ion Ratio Lower Upper

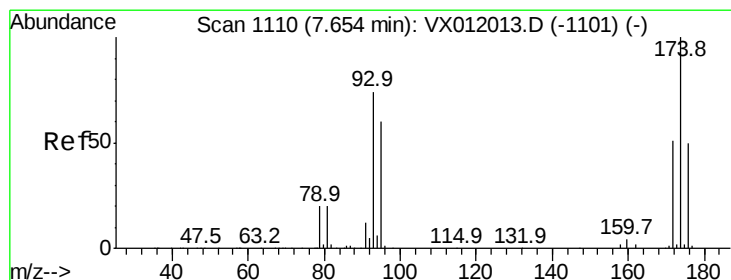
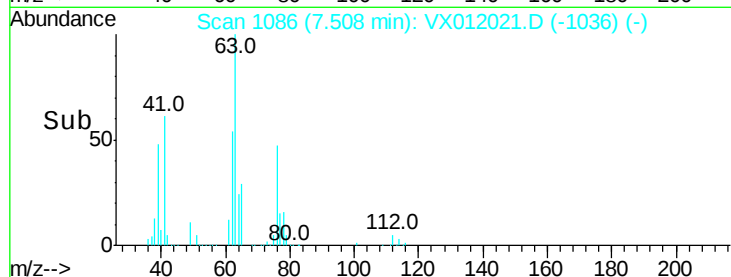
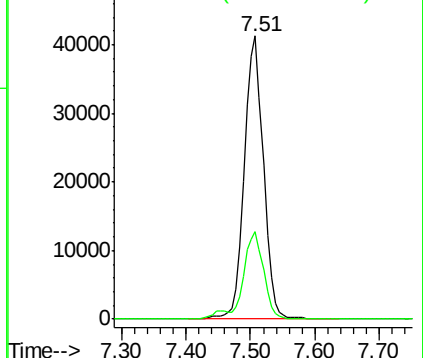
63 100

65 30.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.059 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

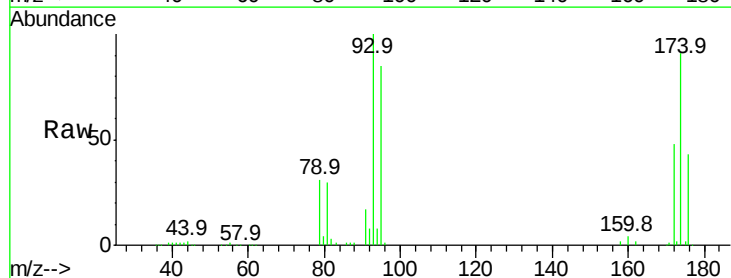
Tgt Ion: 93 Resp: 49142

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

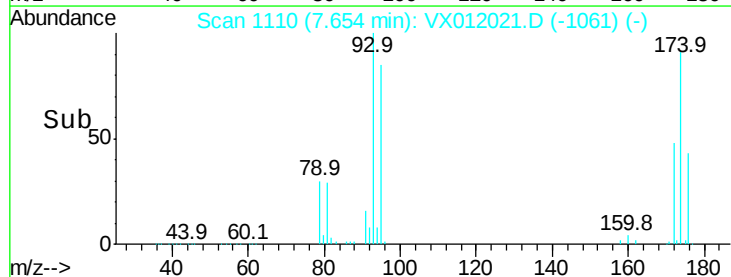
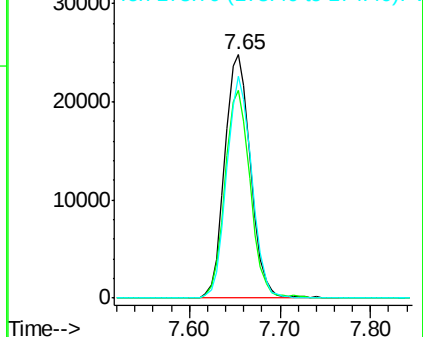
174 88.1 110.2 165.4#

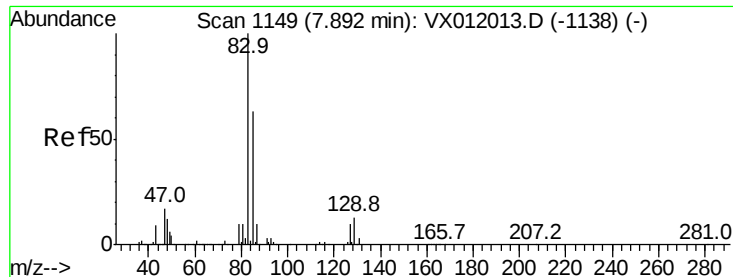


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.959 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

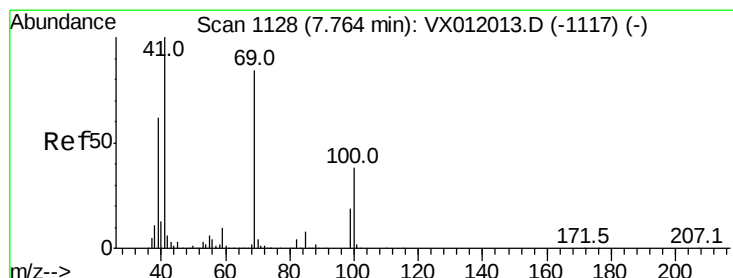
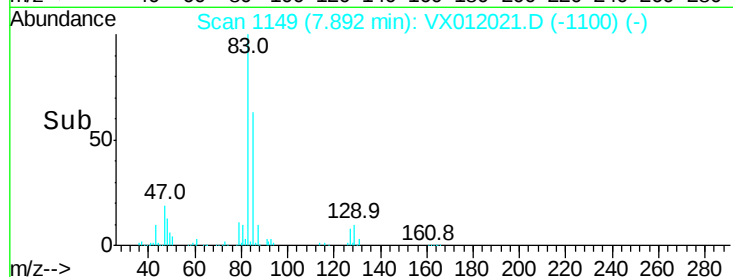
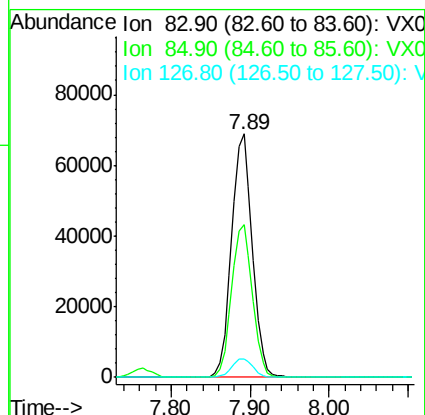
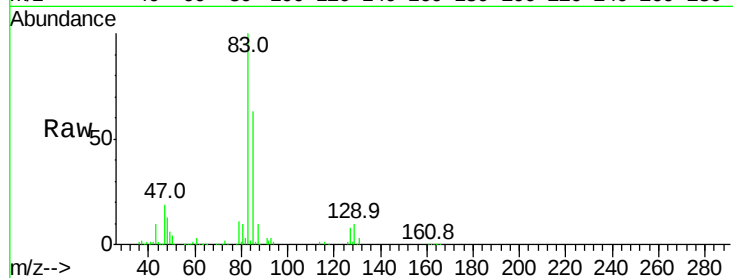
Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	126119
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.3	75.5
127	7.6	8.1	12.1#



#48

Methyl methacrylate

Concen: 60.032 ug/l

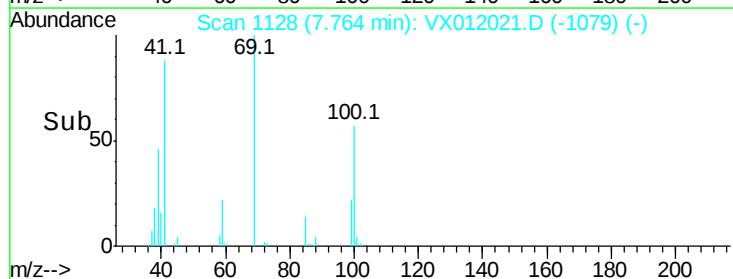
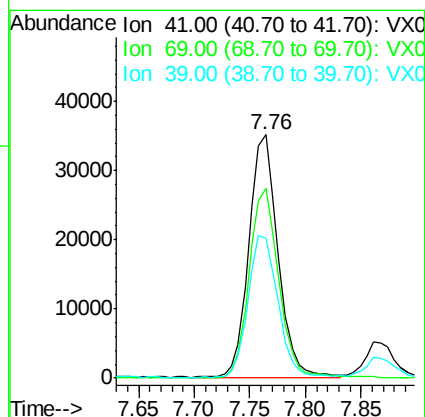
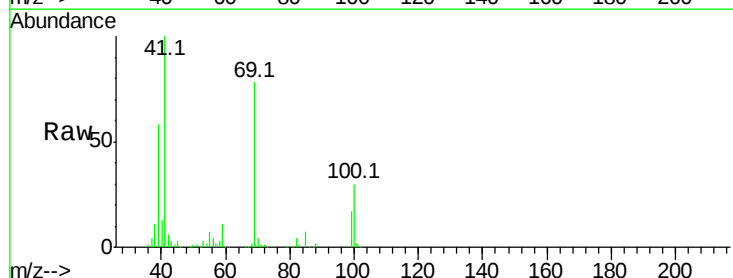
RT: 7.76 min Scan# 1128

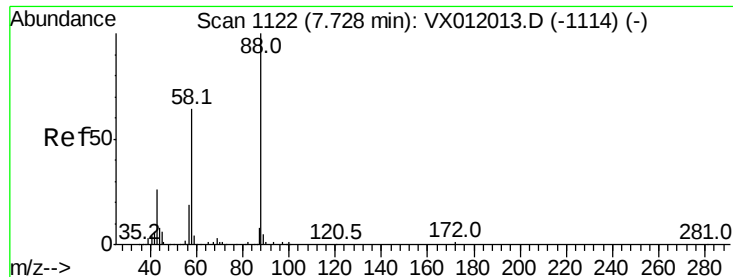
Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Tgt Ion:	41	Resp:	63917
Ion	Ratio	Lower	Upper
41	100		
69	79.9	66.3	99.5
39	60.5	48.1	72.1





#49

1,4-Dioxane

Concen: 1113.939 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

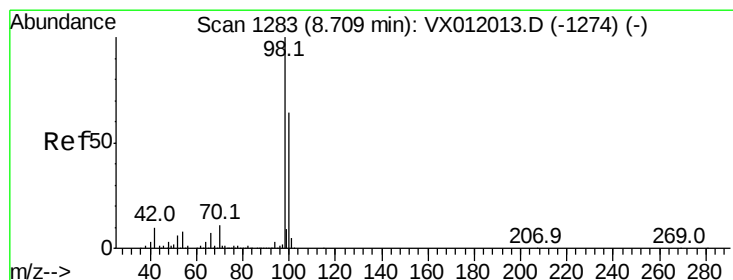
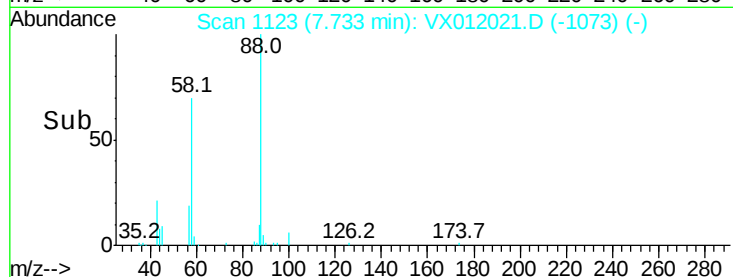
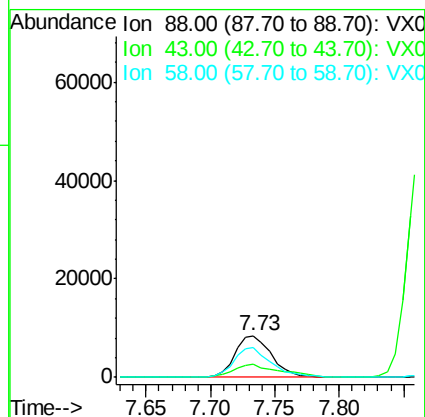
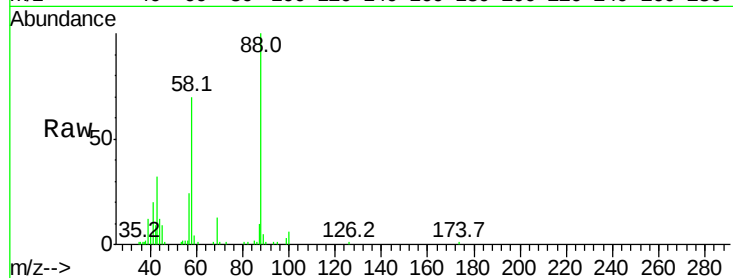
Tgt Ion: 88 Resp: 16639

Ion Ratio Lower Upper

88 100

43 36.0 29.8 44.6

58 74.9 55.4 83.2



#50

Toluene-d8

Concen: 49.434 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012021.D

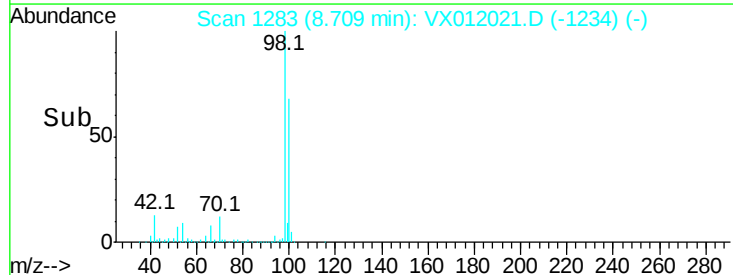
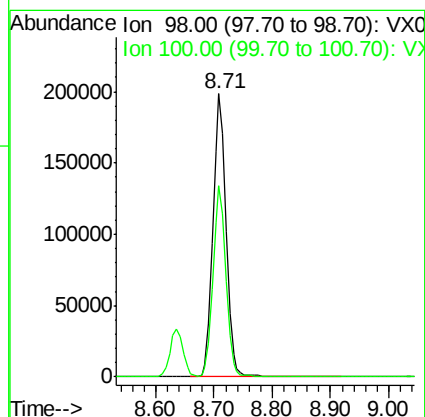
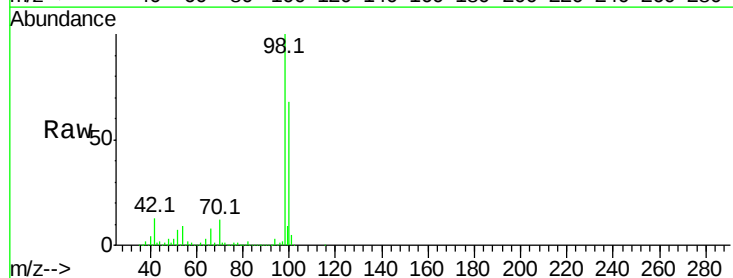
Acq: 03 Sep 2019 14:07

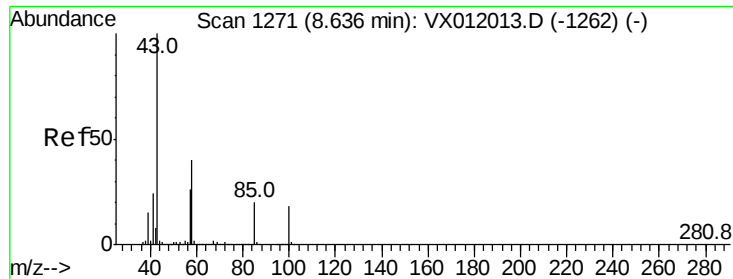
Tgt Ion: 98 Resp: 311352

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9

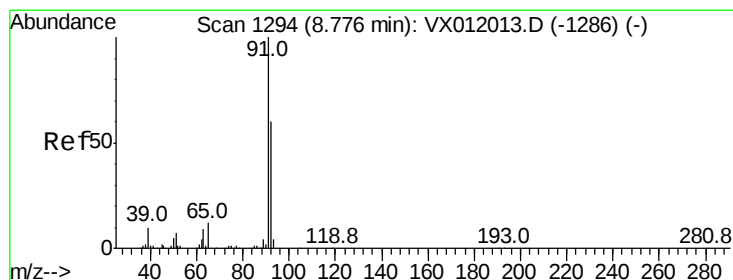
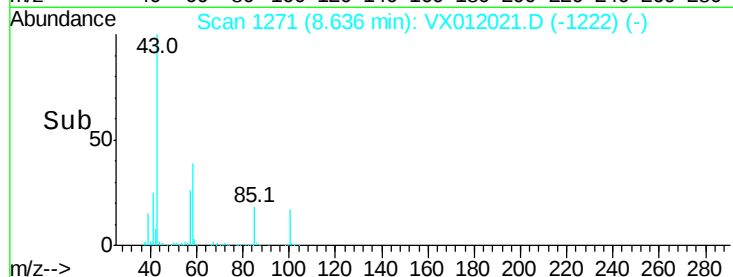
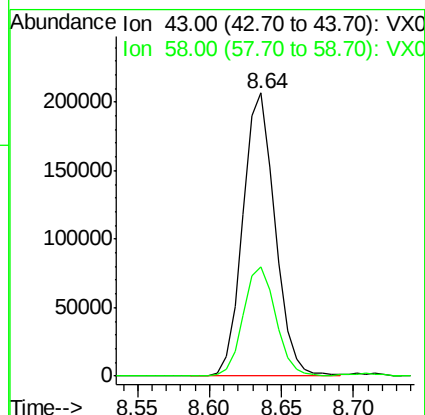
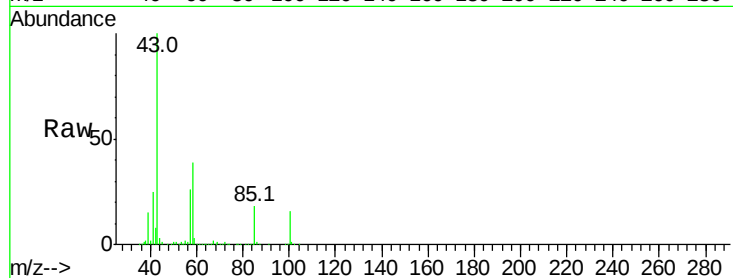




#51
4-Methyl-2-Pentanone
Concen: 294.886 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

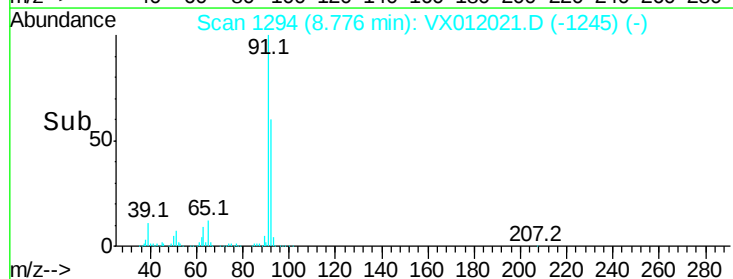
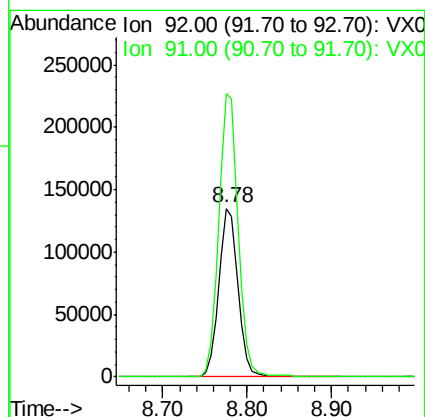
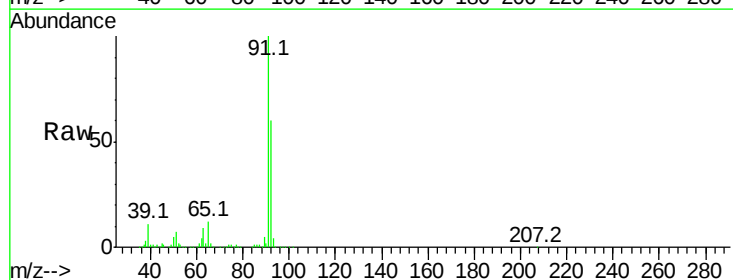
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

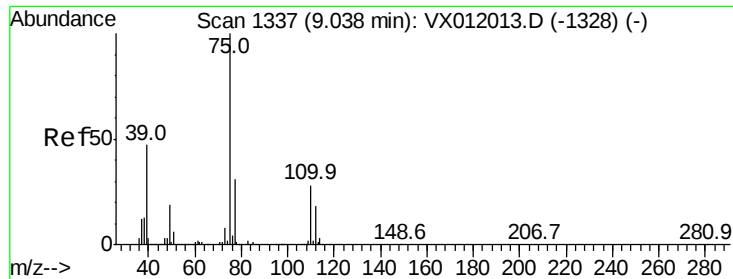
Tgt Ion: 43 Resp: 319998
Ion Ratio Lower Upper
43 100
58 39.1 31.5 47.3



#52
Toluene
Concen: 52.391 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion: 92 Resp: 213936
Ion Ratio Lower Upper
92 100
91 169.3 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 55.880 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

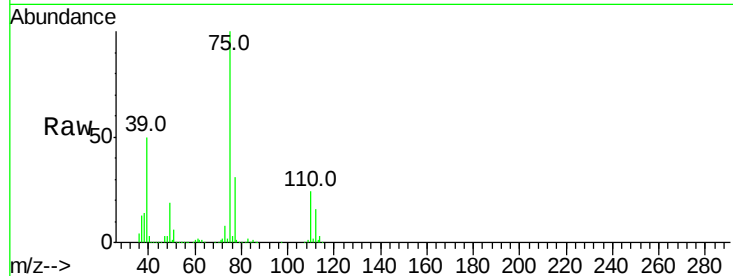
VSTDICCC050

Tgt Ion: 75 Resp: 129805

Ion Ratio Lower Upper

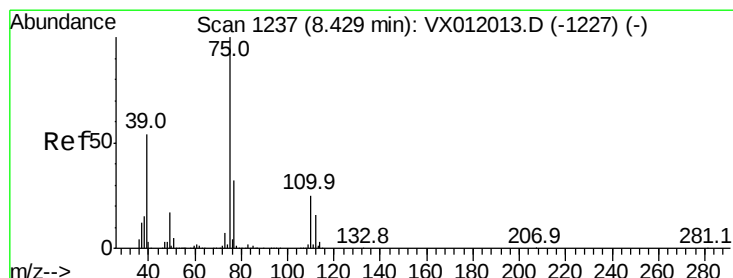
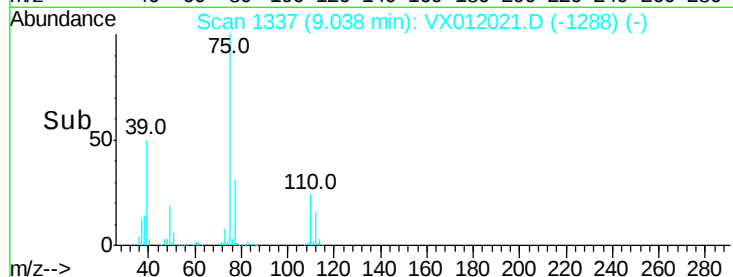
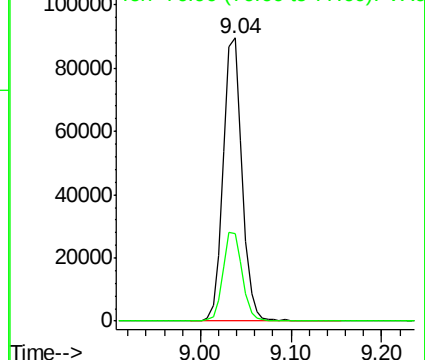
75 100

77 31.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 55.146 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

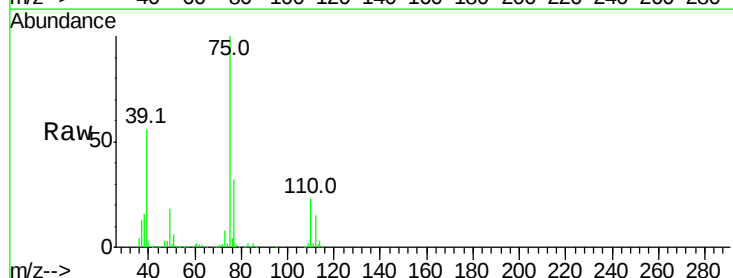
Tgt Ion: 75 Resp: 144189

Ion Ratio Lower Upper

75 100

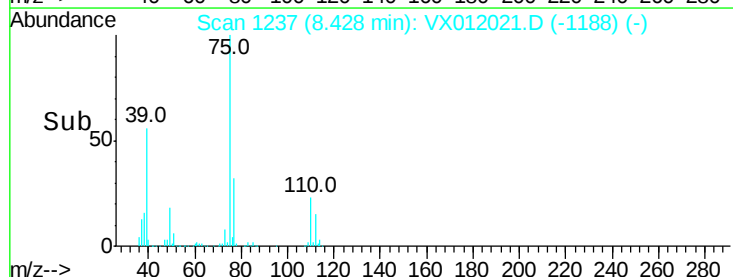
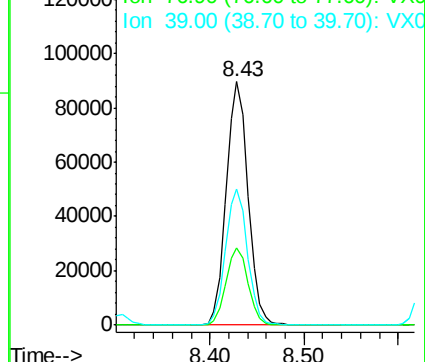
77 31.8 25.5 38.3

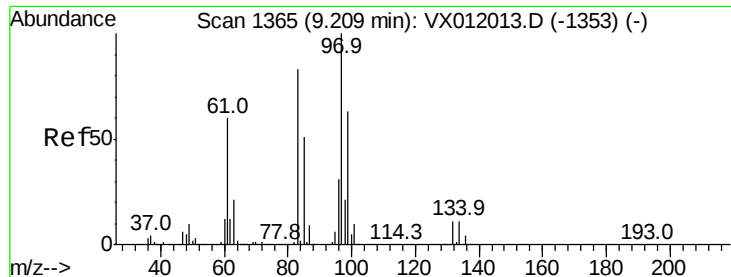
39 55.9 43.0 64.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

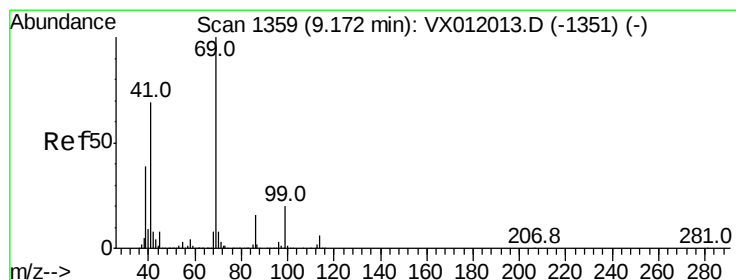
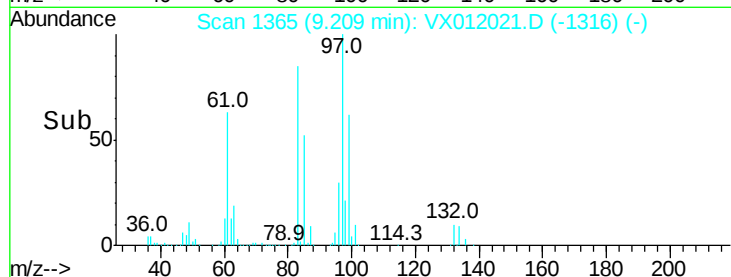
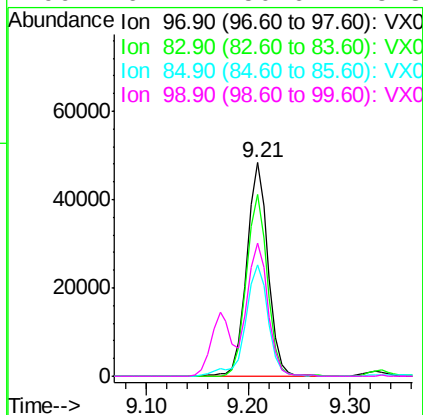
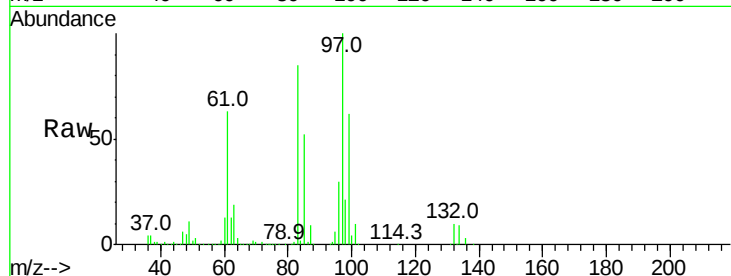




#55
 1,1,2-Trichloroethane
 Concen: 52.984 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

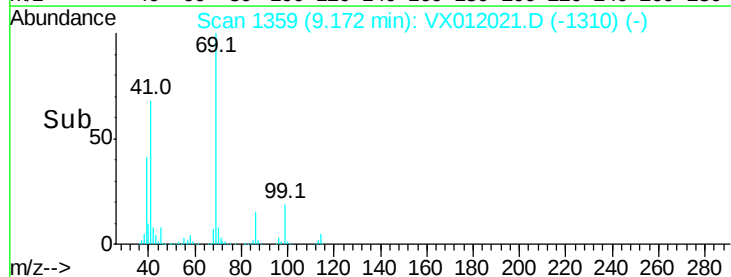
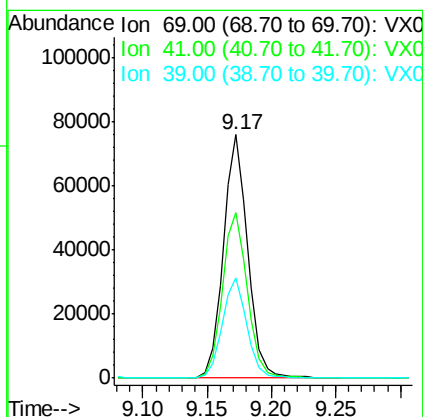
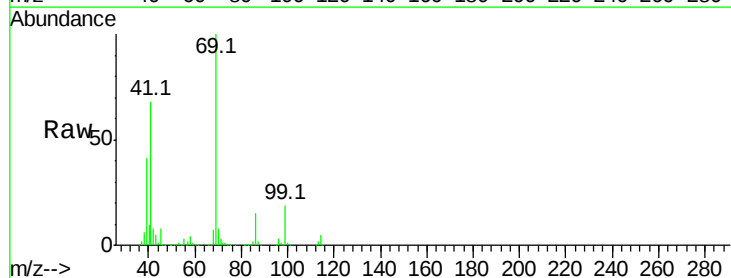
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

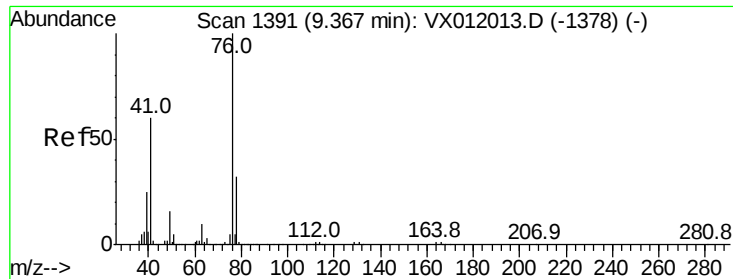
Tgt Ion:	97	Resp:	70313
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.0	99.0
85	51.8	41.0	61.6
99	62.2	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 57.360 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

Tgt Ion:	69	Resp:	101088
Ion	Ratio	Lower	Upper
69	100		
41	69.3	53.9	80.9
39	41.6	31.1	46.7





#57

1,3-Dichloropropane

Concen: 55.509 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

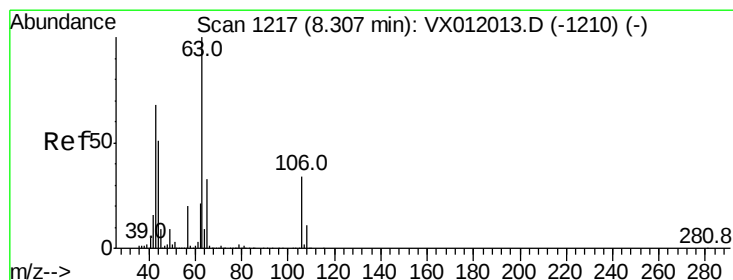
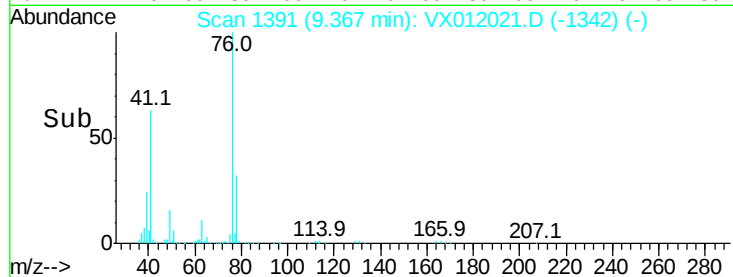
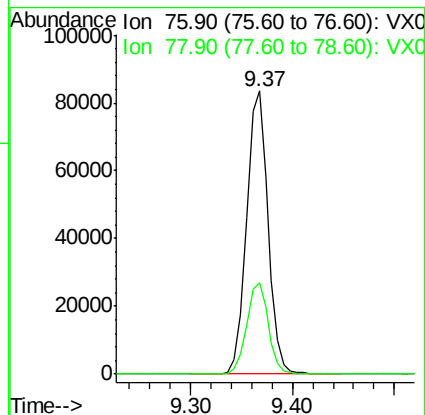
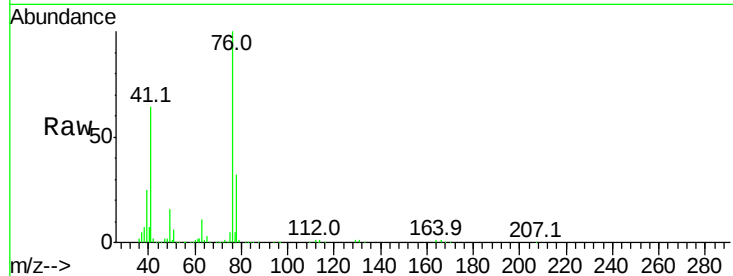
VSTDICCC050

Tgt Ion: 76 Resp: 120979

Ion Ratio Lower Upper

76 100

78 32.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 297.010 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012021.D

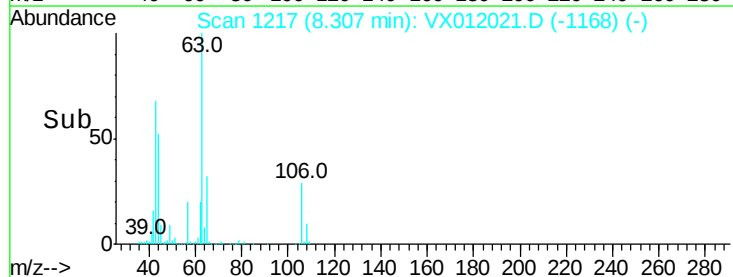
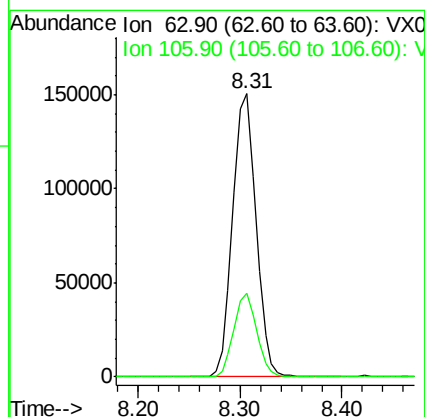
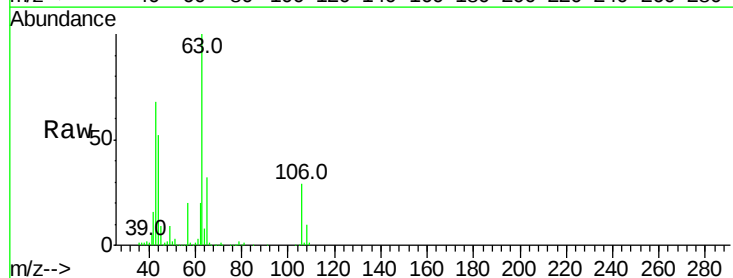
Acq: 03 Sep 2019 14:07

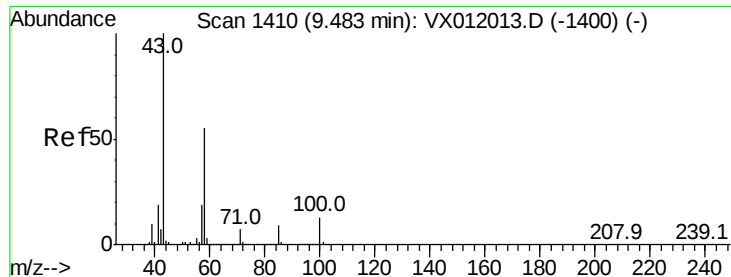
Tgt Ion: 63 Resp: 237865

Ion Ratio Lower Upper

63 100

106 29.1 26.5 39.7

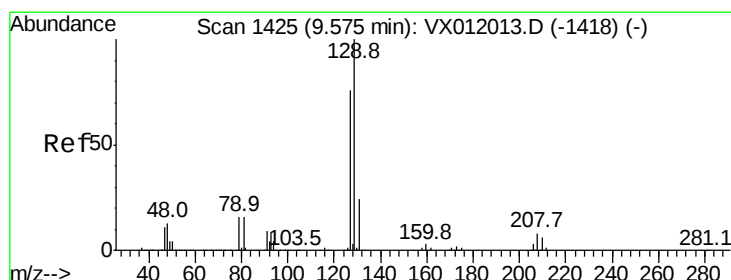
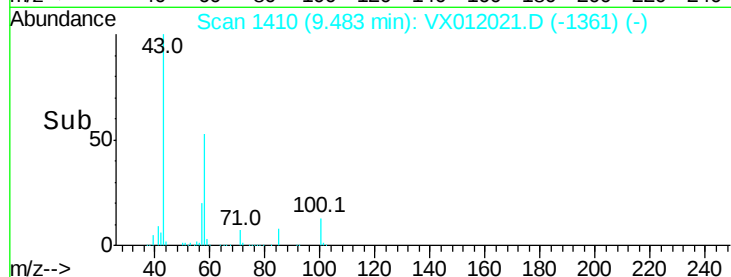
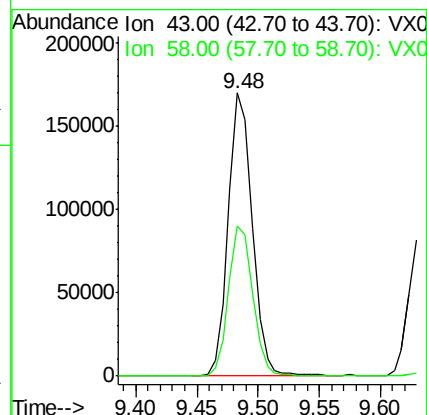
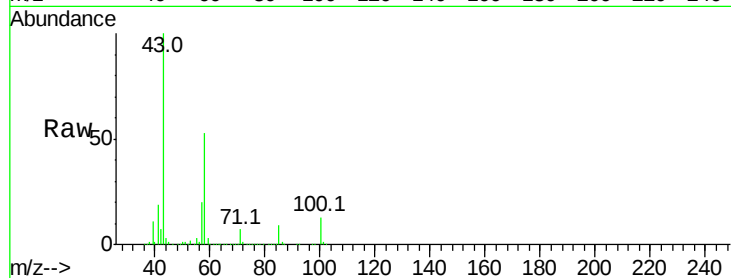




#59
2-Hexanone
Concen: 299.533 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

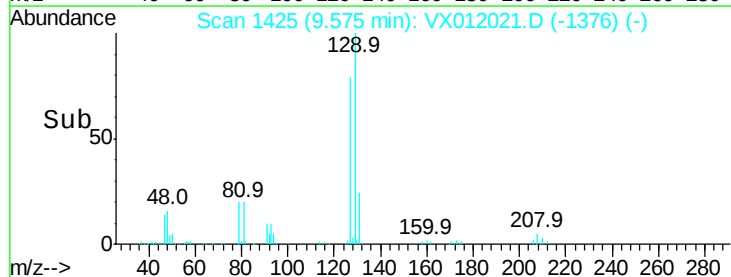
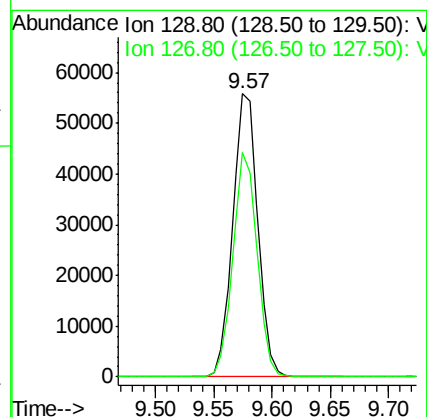
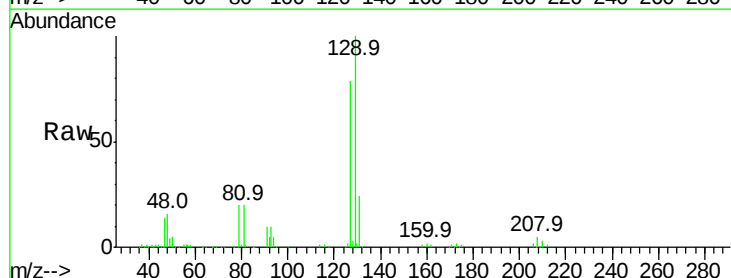
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

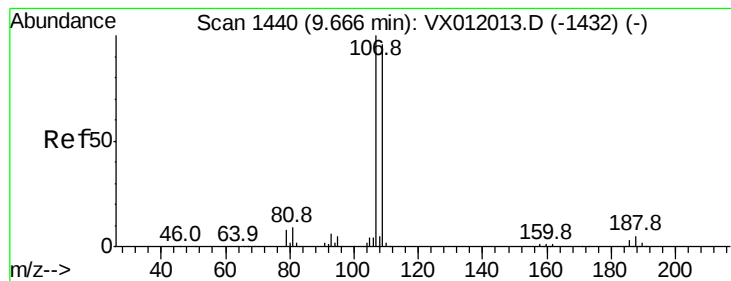
Tgt Ion: 43 Resp: 231391
Ion Ratio Lower Upper
43 100
58 54.5 27.2 81.6



#60
Dibromochloromethane
Concen: 45.245 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion: 129 Resp: 83467
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.647 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

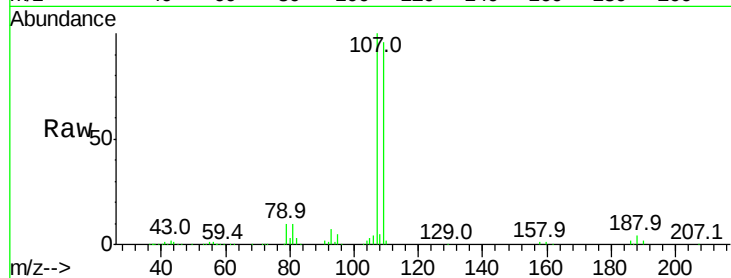
VSTDICCC050

Tgt Ion: 107 Resp: 68267

Ion Ratio Lower Upper

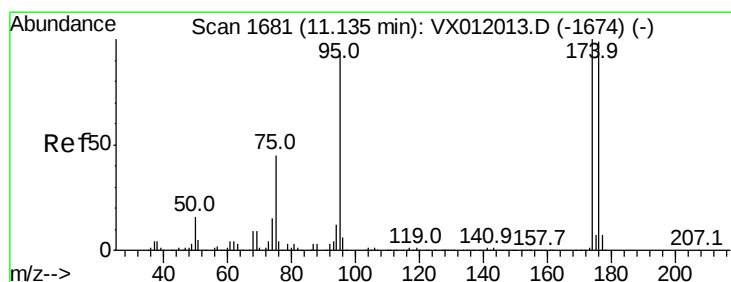
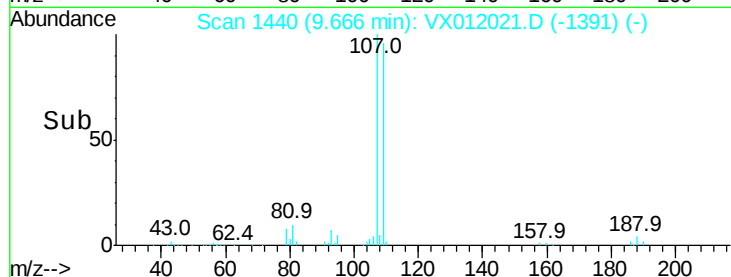
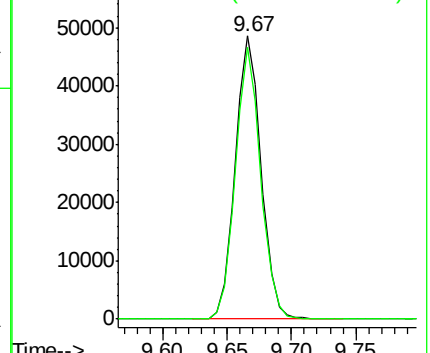
107 100

109 94.4 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.797 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

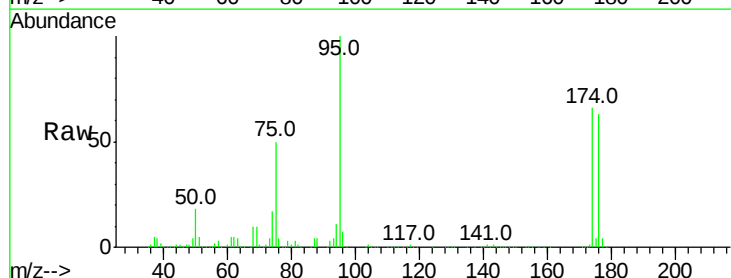
Tgt Ion: 95 Resp: 135631

Ion Ratio Lower Upper

95 100

174 62.6 0.0 205.4

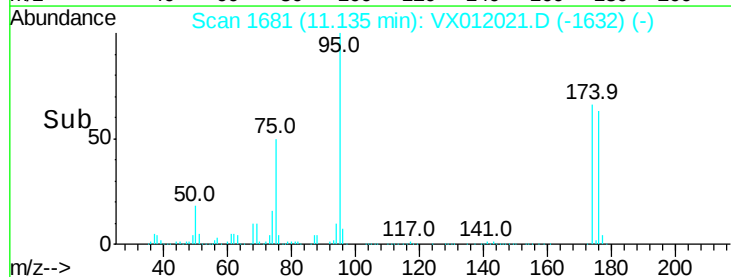
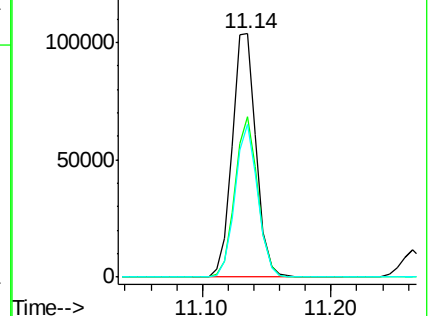
176 59.5 0.0 201.8

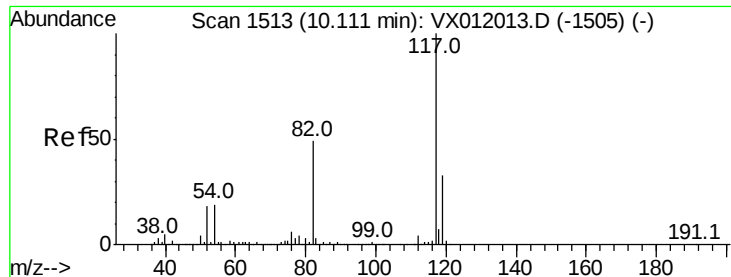


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

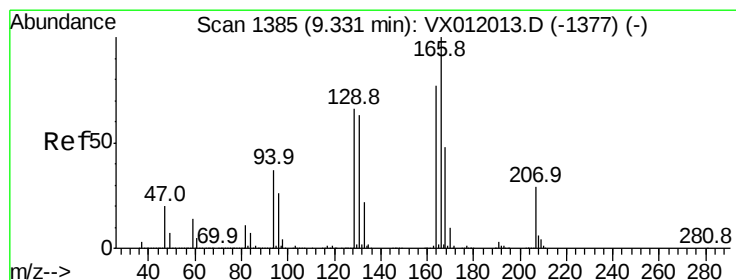
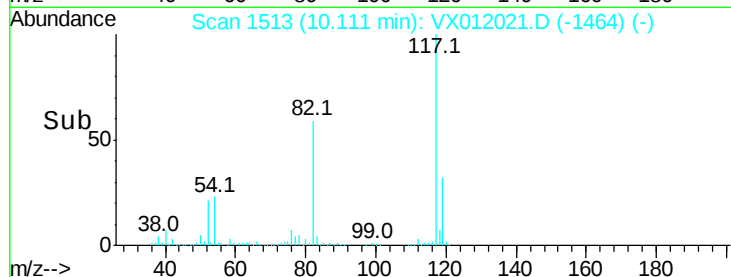
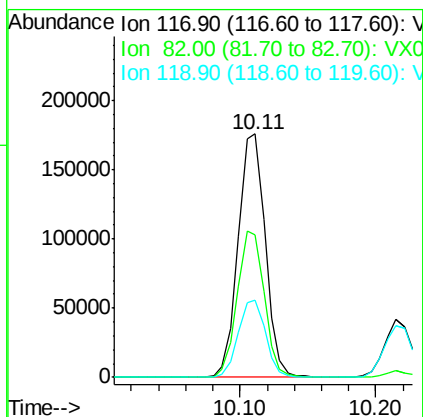
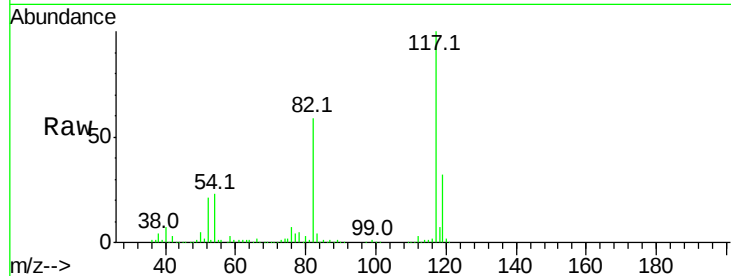




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

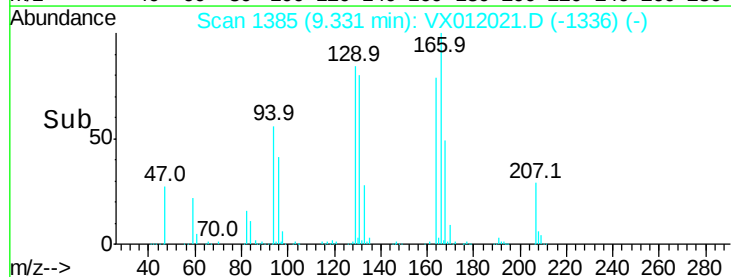
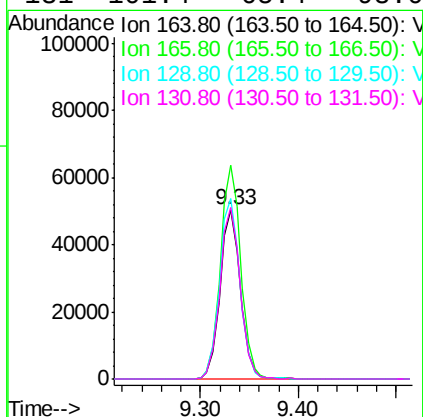
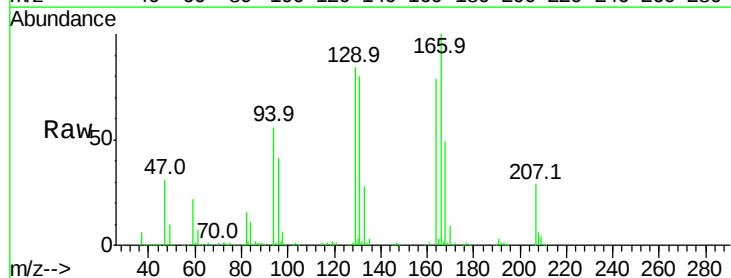
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

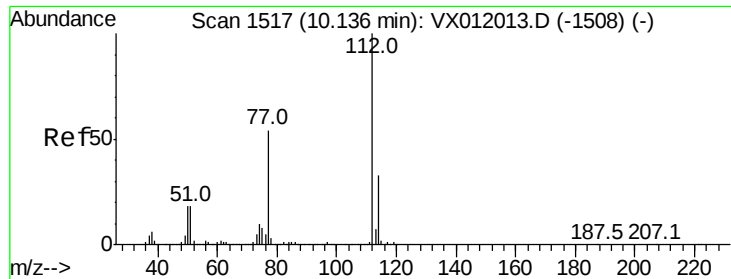
Tgt Ion:117 Resp: 245721
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 31.7 26.1 39.1



#64
Tetrachloroethene
Concen: 35.951 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion:164 Resp: 72704
Ion Ratio Lower Upper
164 100
166 126.1 104.3 156.5
129 106.4 68.3 102.5#
131 101.4 65.4 98.0#





#65

Chlorobenzene

Concen: 49.616 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

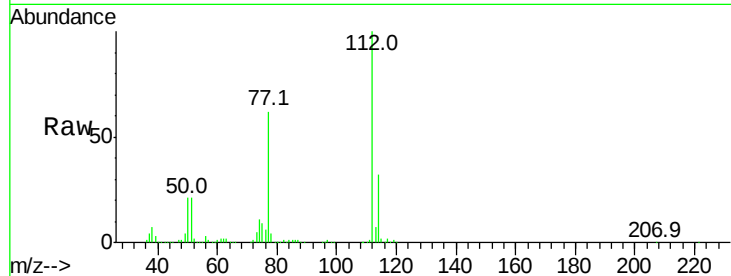
VSTDICCC050

Tgt Ion:112 Resp: 230146

Ion Ratio Lower Upper

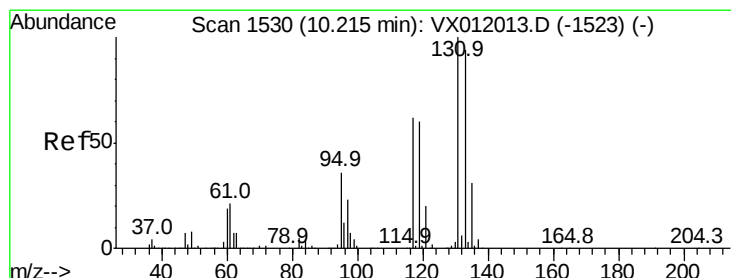
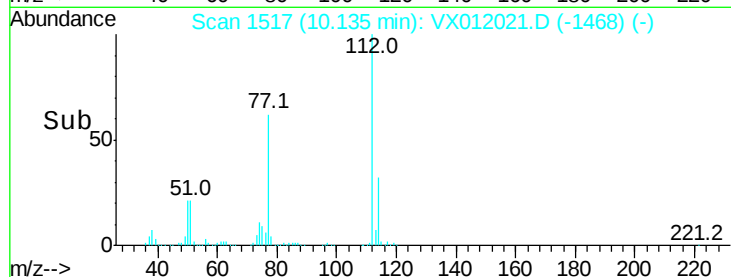
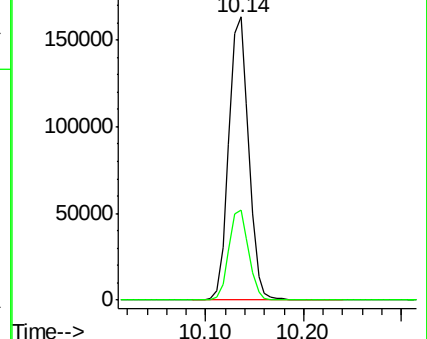
112 100

114 31.7 26.2 39.2



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: 44.632 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

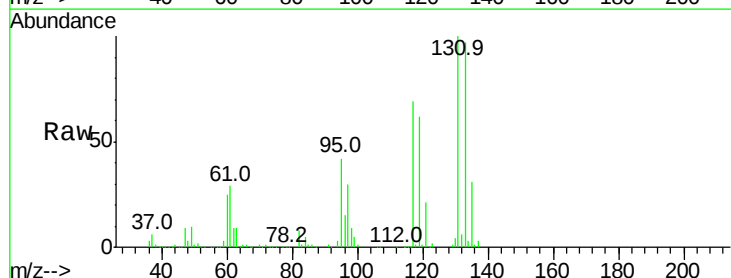
Tgt Ion:131 Resp: 83079

Ion Ratio Lower Upper

131 100

133 97.2 48.4 145.0

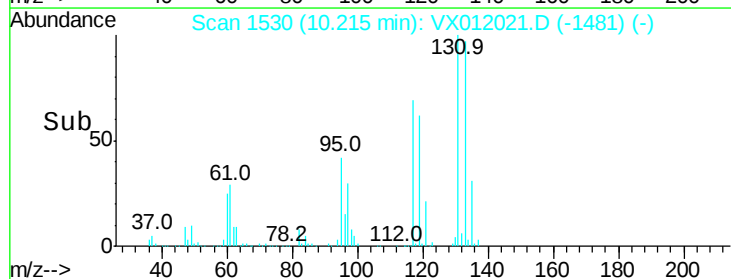
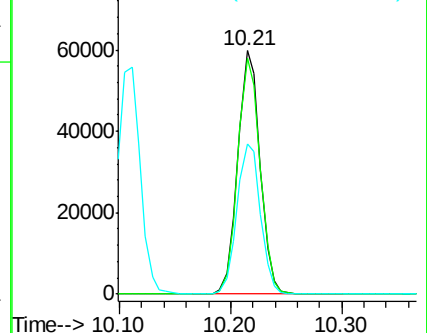
119 64.9 30.5 91.5

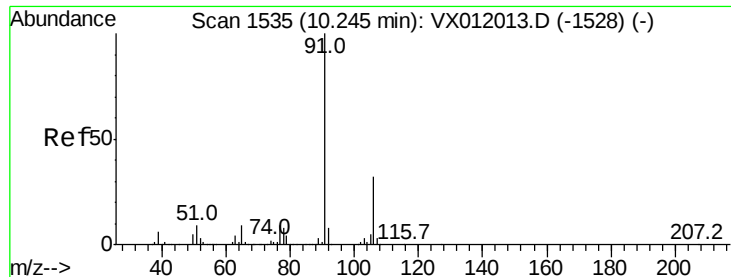


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.939 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

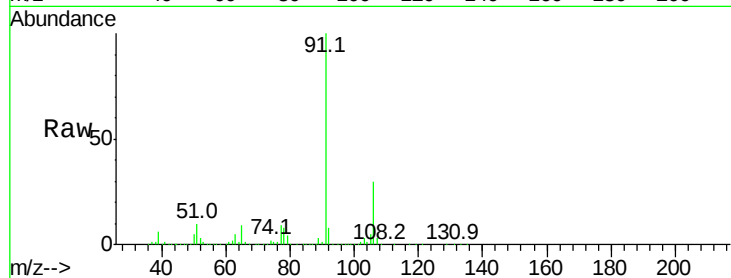
VSTDICCC050

Tgt Ion: 91 Resp: 422689

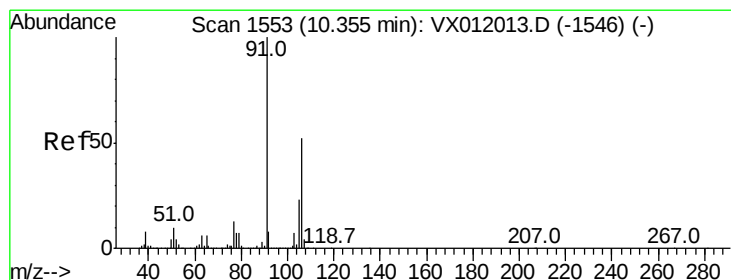
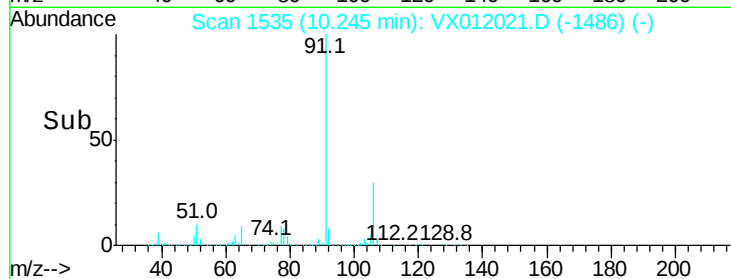
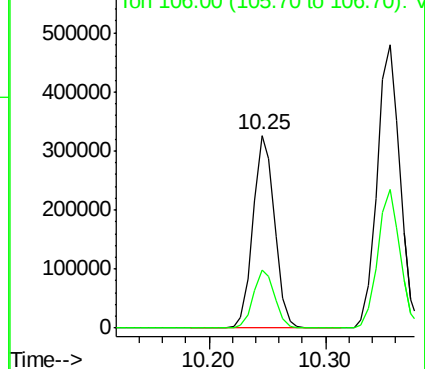
Ion Ratio Lower Upper

91 100

106 30.3 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0



#68

m/p-Xylenes

Concen: 101.922 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012021.D

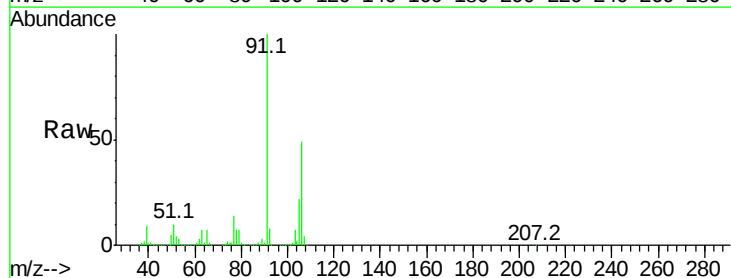
Acq: 03 Sep 2019 14:07

Tgt Ion: 106 Resp: 313631

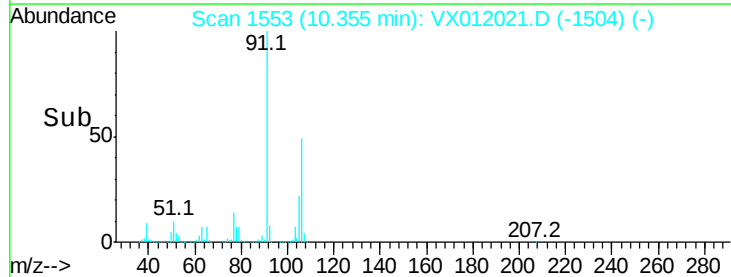
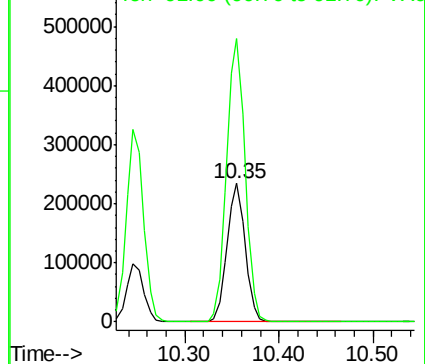
Ion Ratio Lower Upper

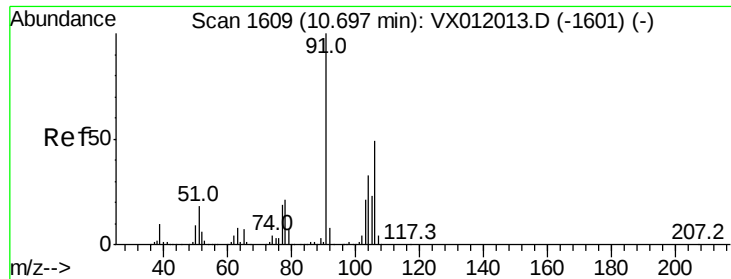
106 100

91 208.6 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

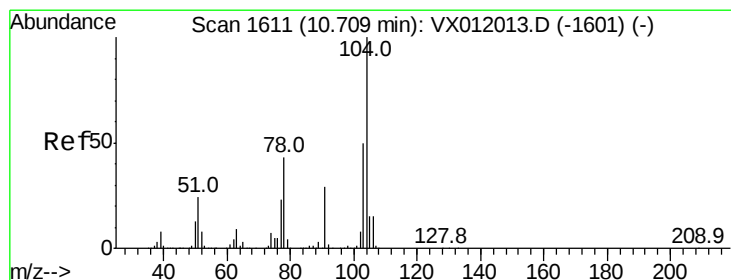
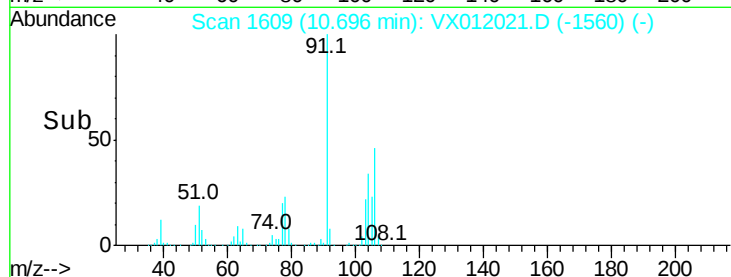
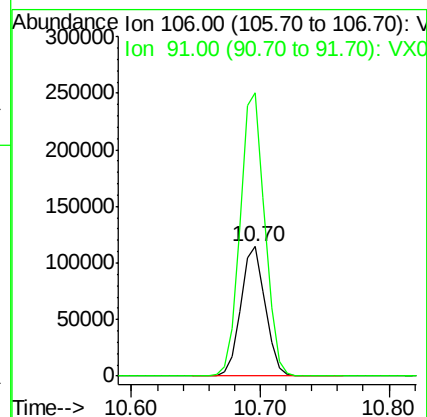
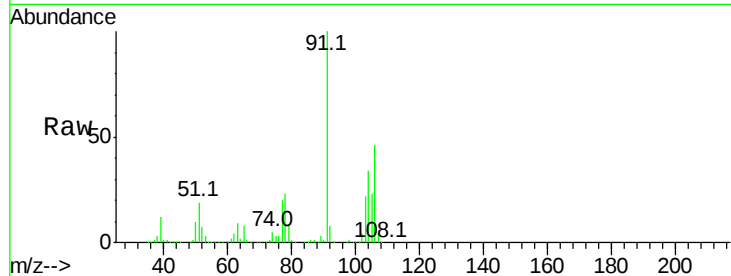




#69
o-Xylene
Concen: 50.425 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

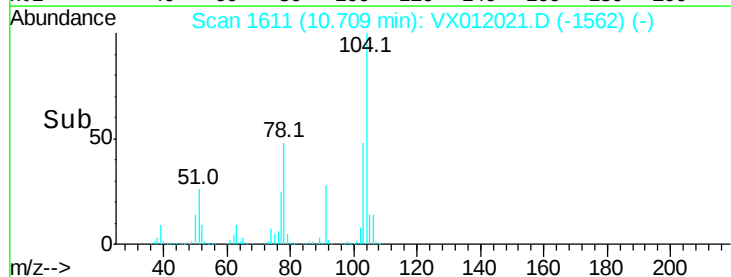
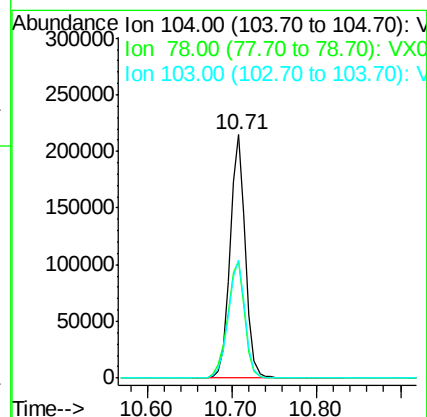
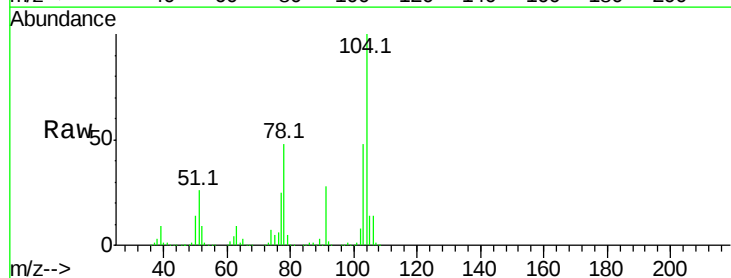
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

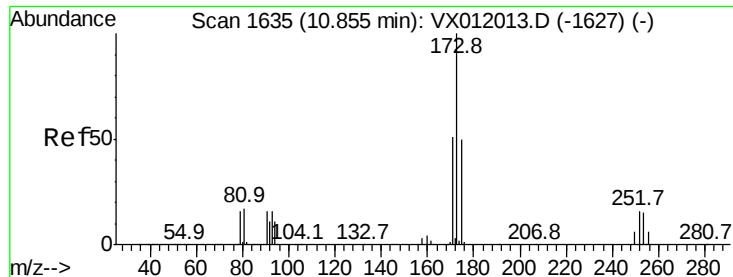
Tgt Ion:106 Resp: 150519
Ion Ratio Lower Upper
106 100
91 220.7 103.5 310.3



#70
Styrene
Concen: 52.143 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion:104 Resp: 267049
Ion Ratio Lower Upper
104 100
78 54.3 39.1 58.7
103 53.6 43.4 65.2

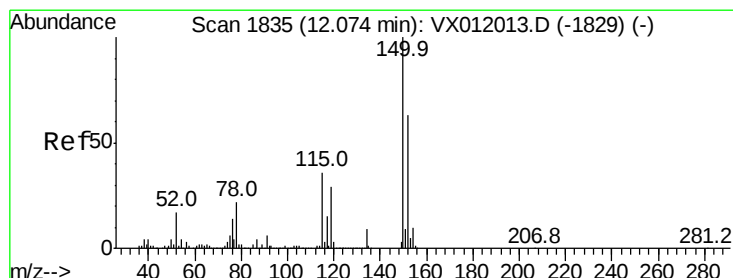
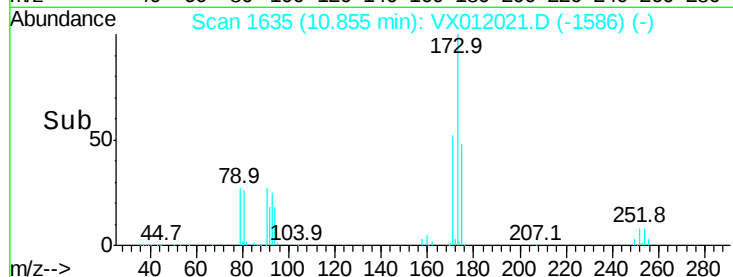
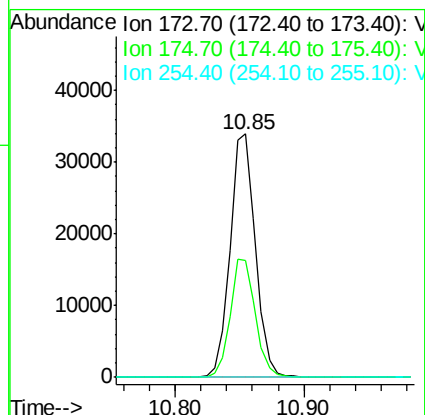
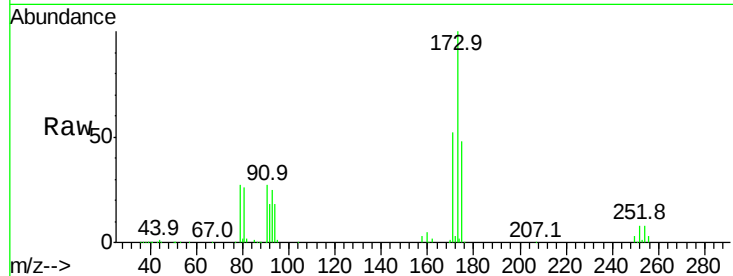




#71
Bromoform
Concen: 36.217 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

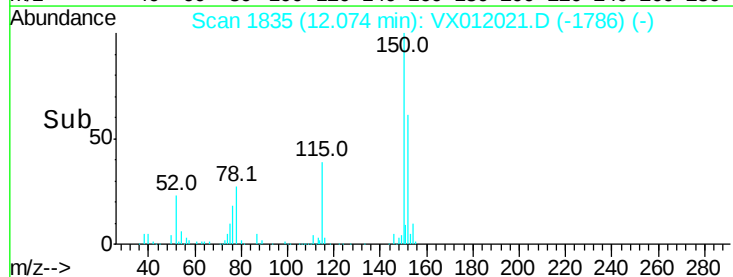
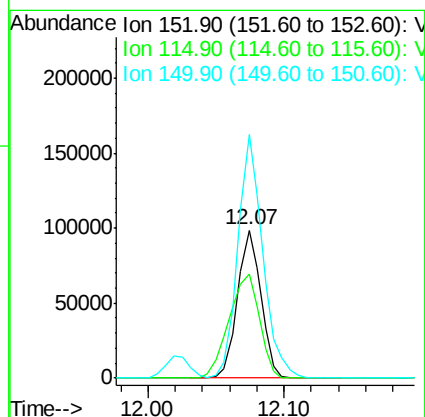
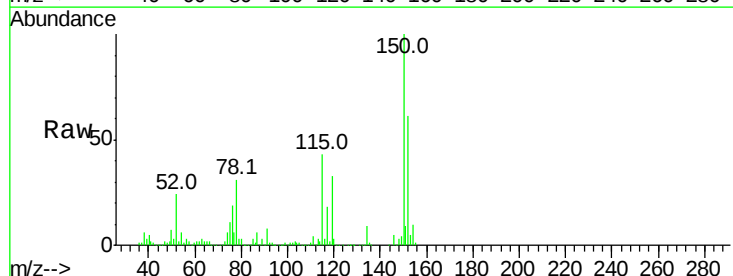
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

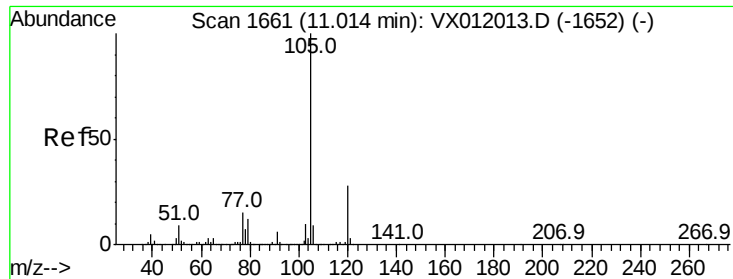
Tgt Ion:173 Resp: 46776
Ion Ratio Lower Upper
173 100
175 48.2 24.9 74.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion:152 Resp: 118096
Ion Ratio Lower Upper
152 100
115 91.0 36.4 109.3
150 175.5 0.0 341.2





#73

Isopropylbenzene

Concen: 62.378 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

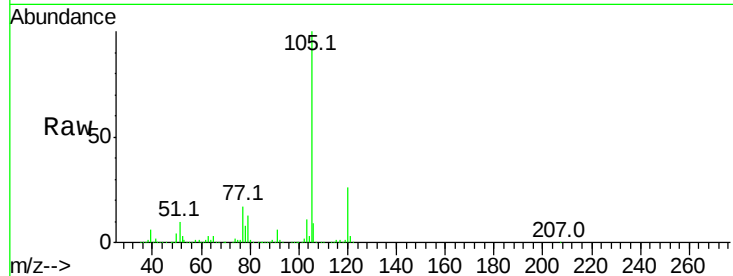
VSTDICCC050

Tgt Ion:105 Resp: 411088

Ion Ratio Lower Upper

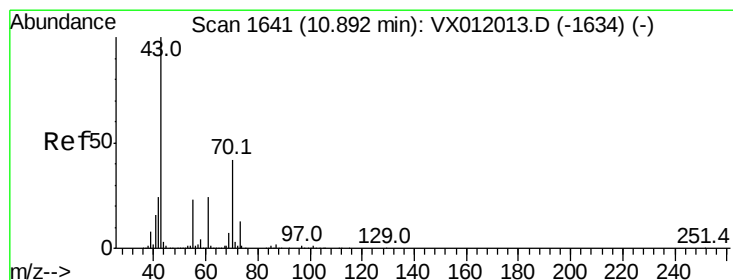
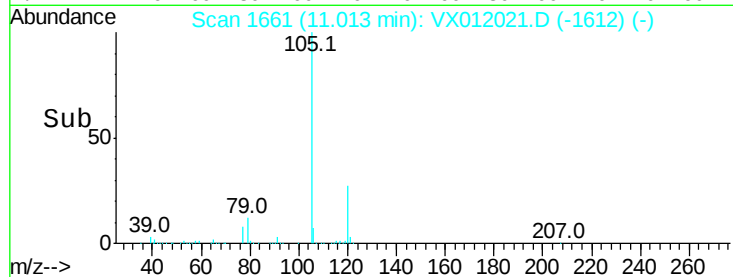
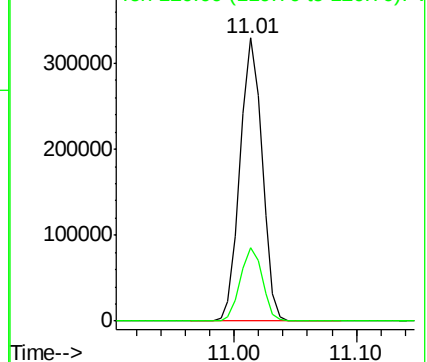
105 100

120 25.8 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 73.771 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Tgt Ion: 43 Resp: 121228

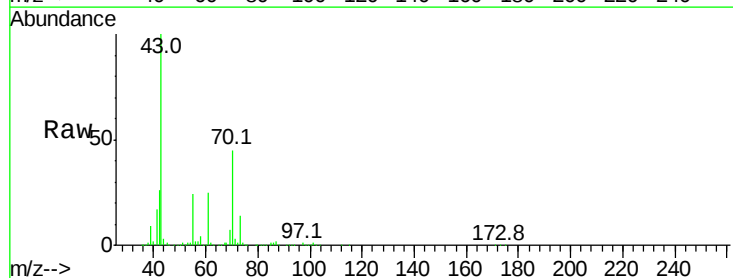
Ion Ratio Lower Upper

43 100

70 43.4 34.4 51.6

55 24.0 18.5 27.7

61 24.5 19.5 29.3

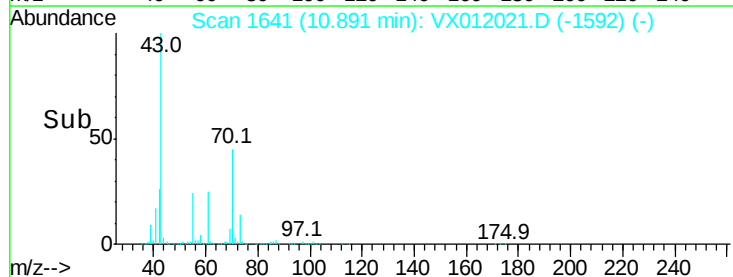
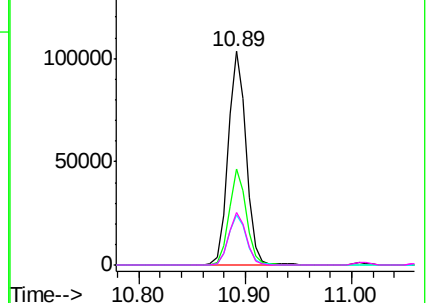


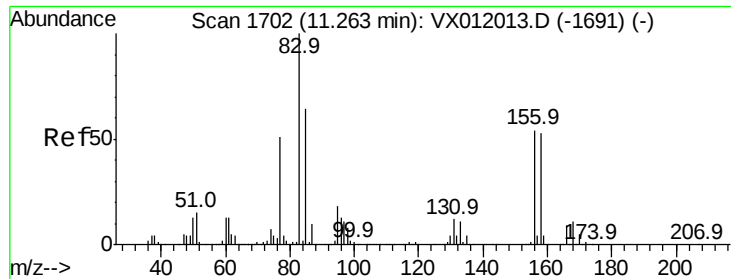
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 69.811 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

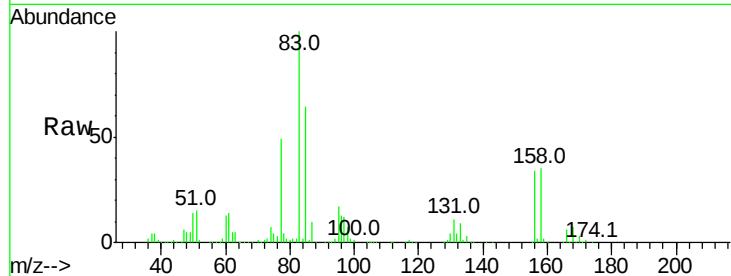
Tgt Ion: 83 Resp: 84227

Ion Ratio Lower Upper

83 100

131 10.9 6.3 19.1

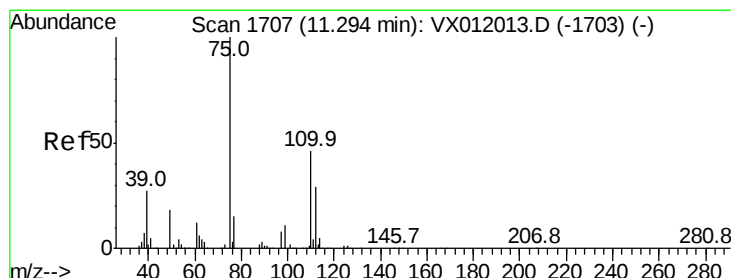
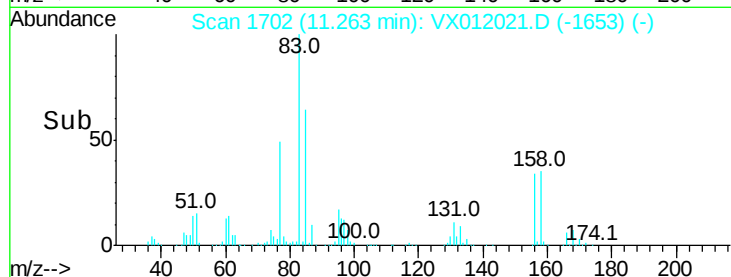
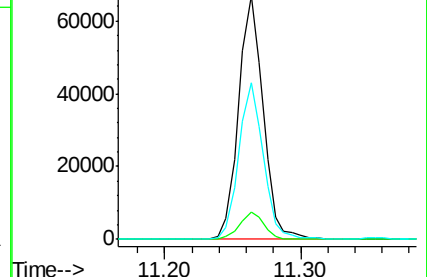
85 64.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 103.349 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012021.D

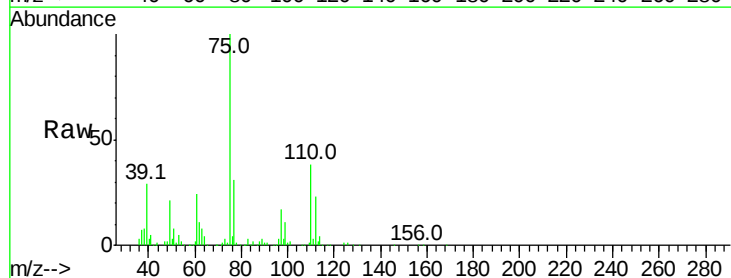
Acq: 03 Sep 2019 14:07

Tgt Ion: 75 Resp: 96613

Ion Ratio Lower Upper

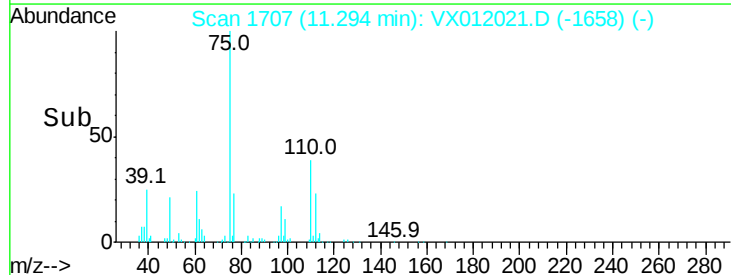
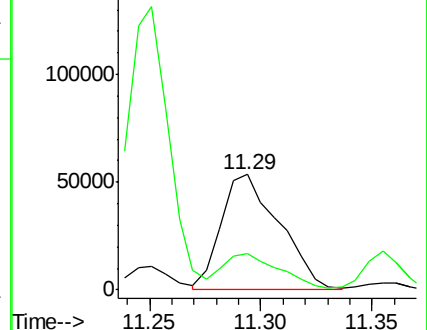
75 100

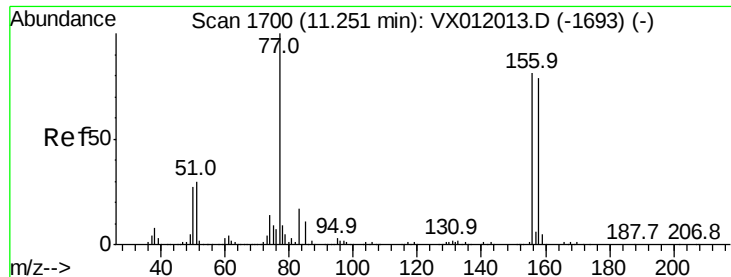
77 31.0 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.042 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

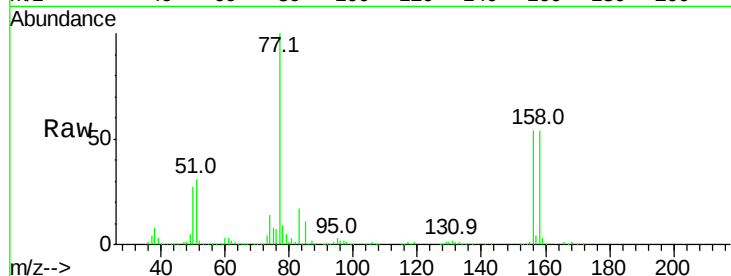
Tgt Ion:156 Resp: 92571

Ion Ratio Lower Upper

156 100

77 187.1 63.4 190.2

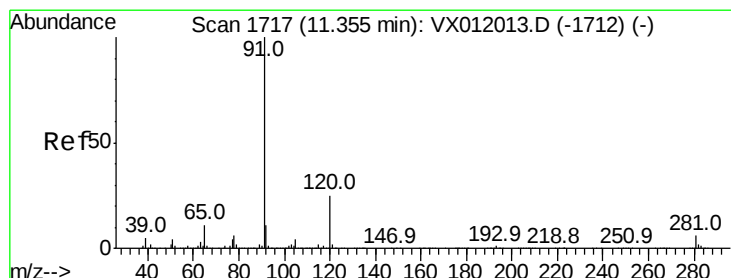
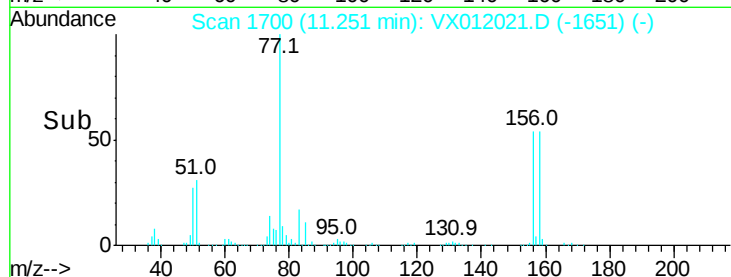
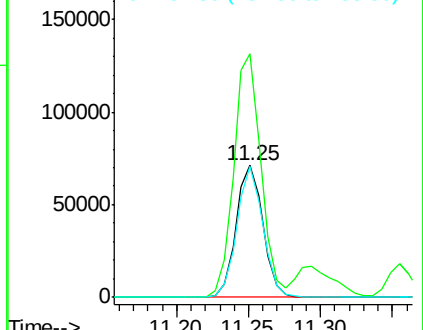
158 95.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 66.419 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012021.D

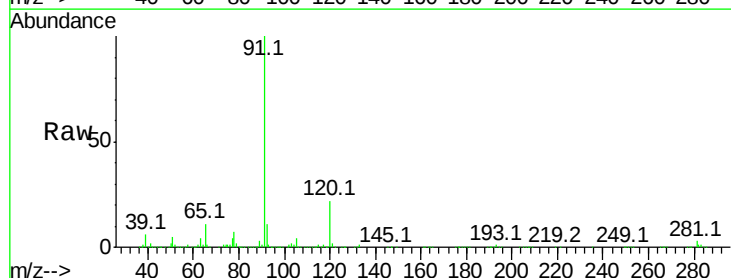
Acq: 03 Sep 2019 14:07

Tgt Ion: 91 Resp: 492567

Ion Ratio Lower Upper

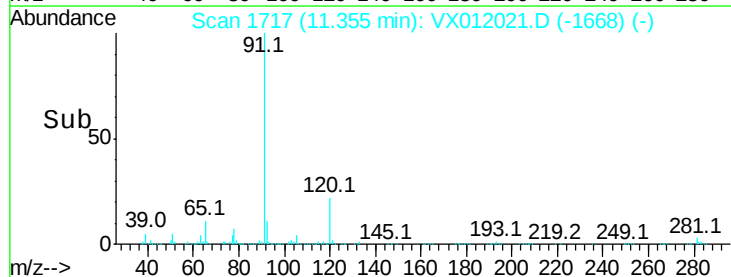
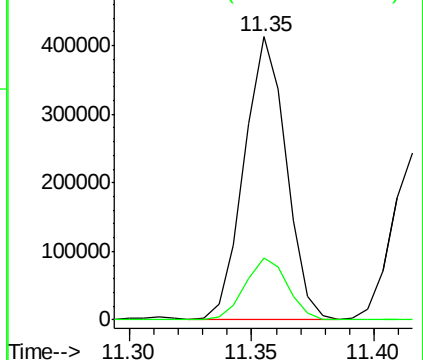
91 100

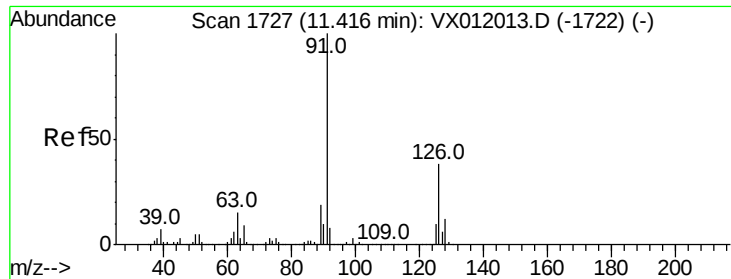
120 22.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

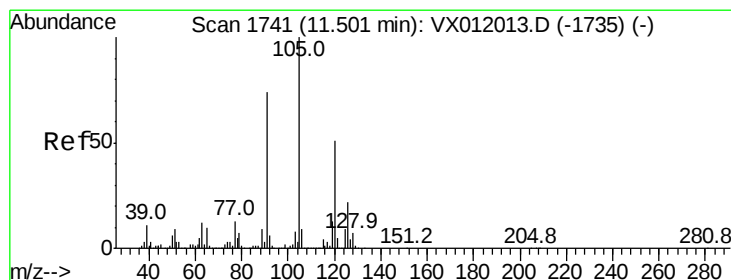
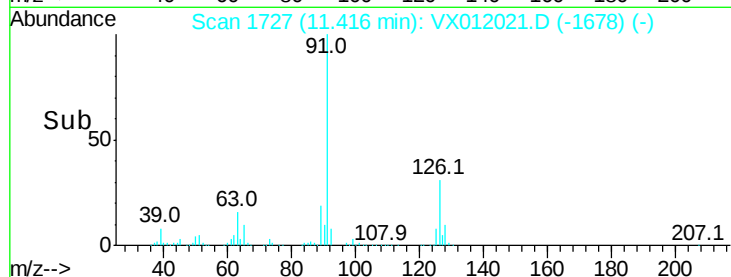
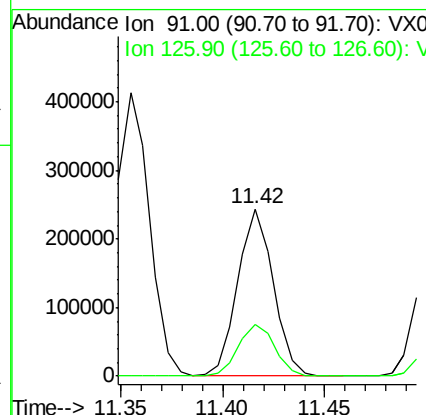
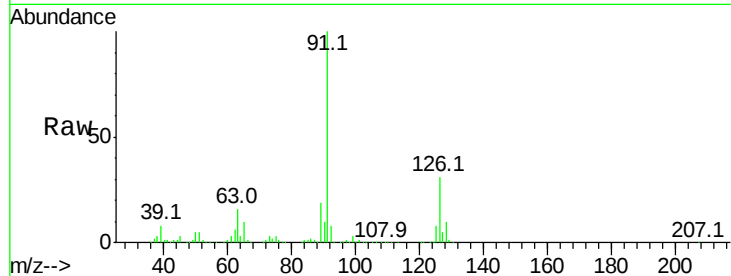




#79
 2-Chlorotoluene
 Concen: 66.845 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

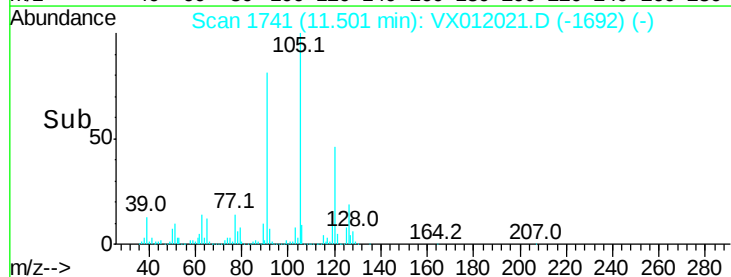
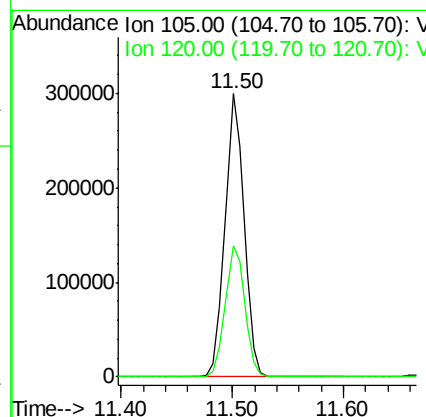
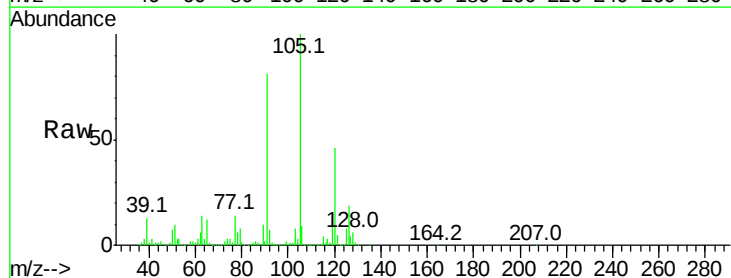
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

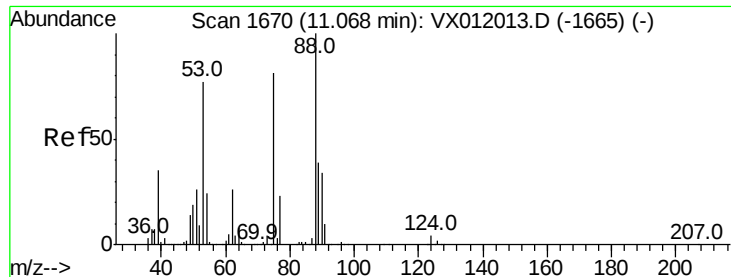
Tgt Ion: 91 Resp: 293482
 Ion Ratio Lower Upper
 91 100
 126 31.8 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 62.719 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

Tgt Ion: 105 Resp: 356553
 Ion Ratio Lower Upper
 105 100
 120 47.5 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 71.251 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

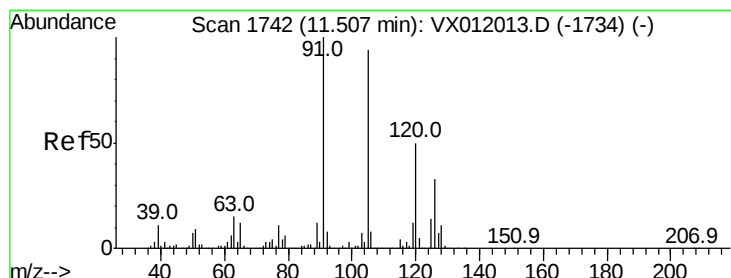
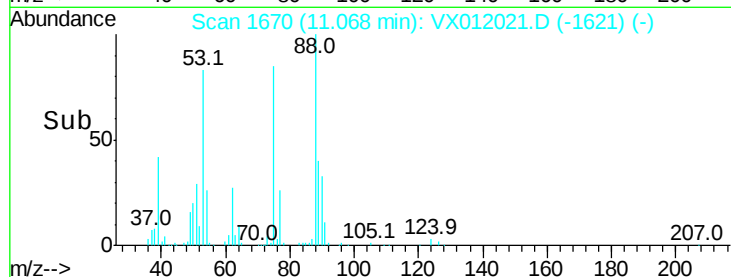
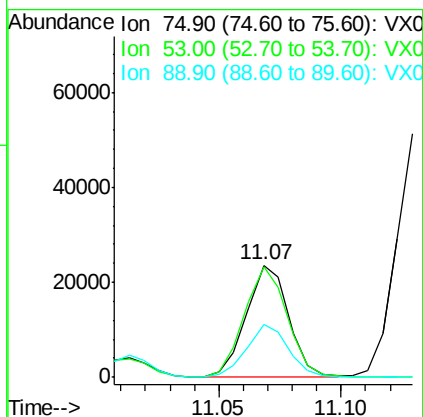
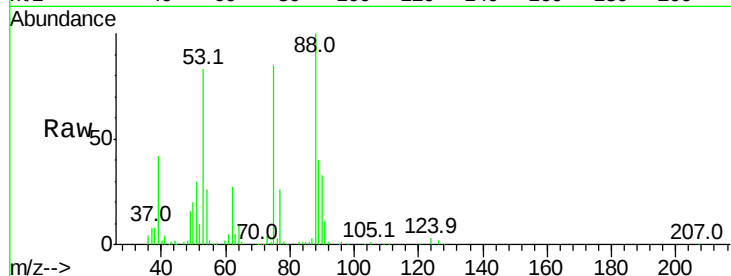
Tgt Ion: 75 Resp: 28235

Ion Ratio Lower Upper

75 100

53 101.0 78.6 117.8

89 47.8 38.8 58.2



#82

4-Chlorotoluene

Concen: 68.423 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012021.D

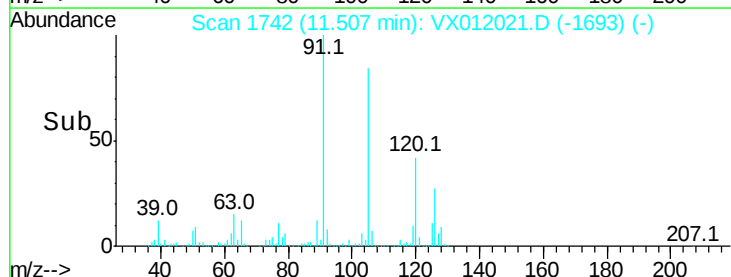
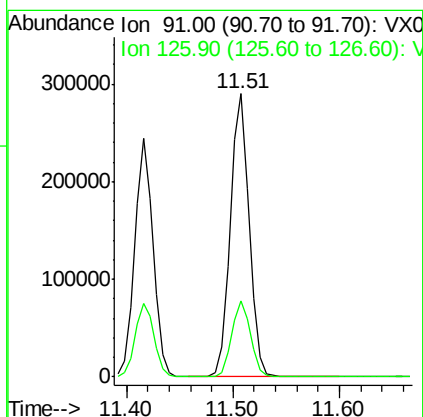
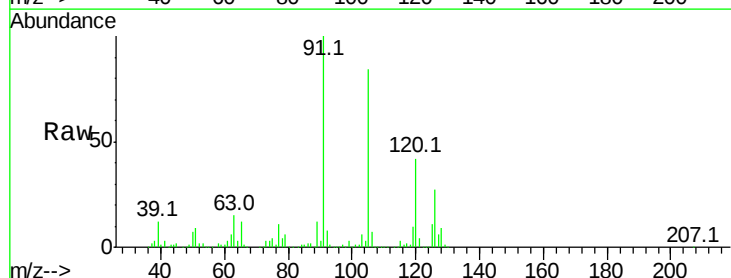
Acq: 03 Sep 2019 14:07

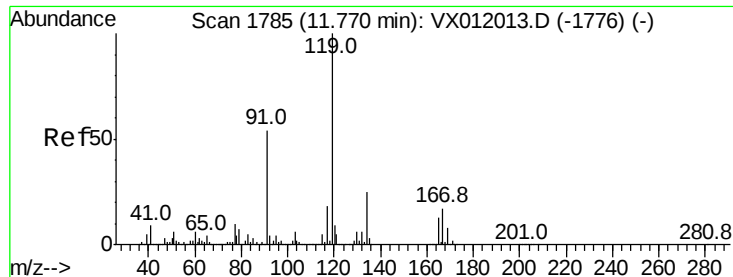
Tgt Ion: 91 Resp: 360467

Ion Ratio Lower Upper

91 100

126 26.9 16.2 48.6

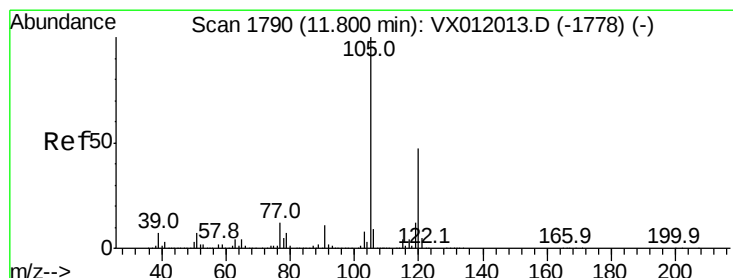
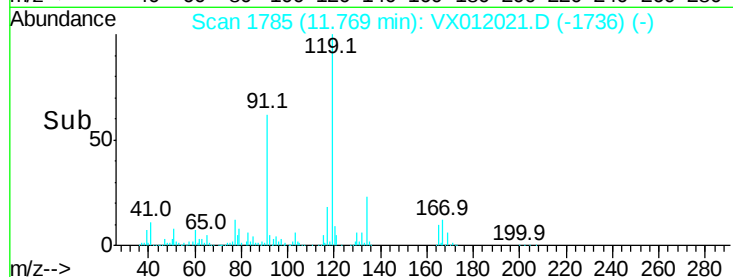
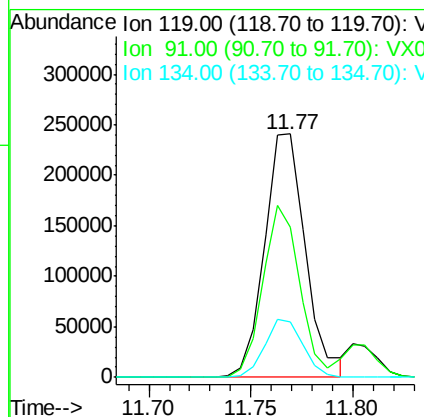
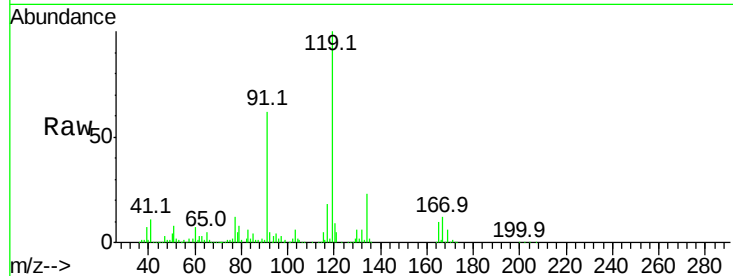




#83
 tert-Butylbenzene
 Concen: 57.390 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

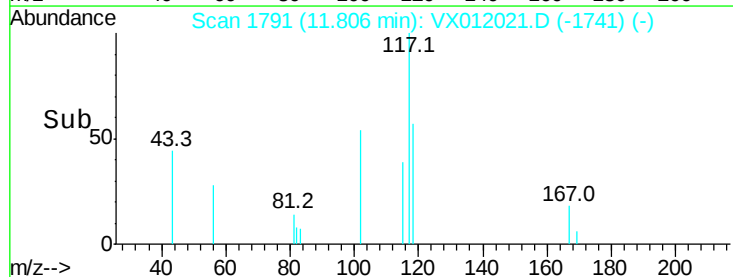
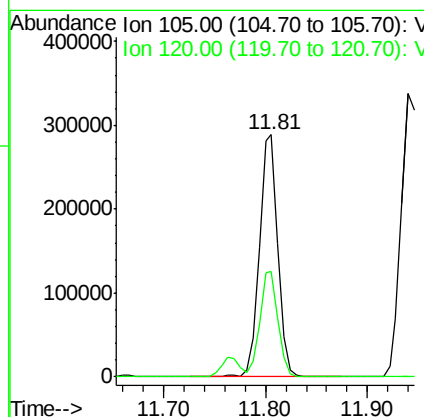
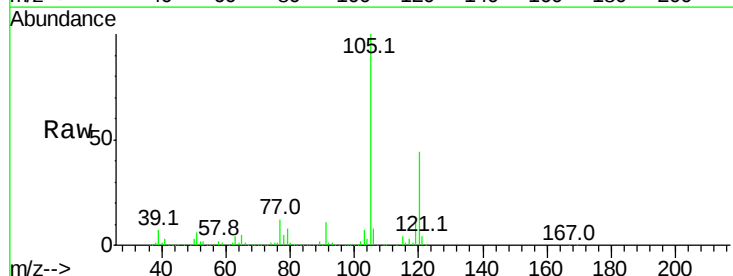
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

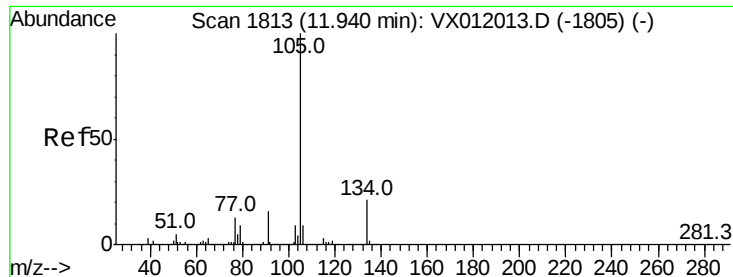
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.4	27.1	81.2
134	22.4	12.1	36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 63.888 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	23.6	70.8





#85

sec-Butylbenzene

Concen: 62.485 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

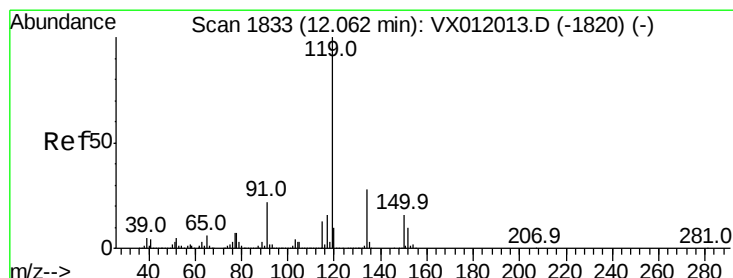
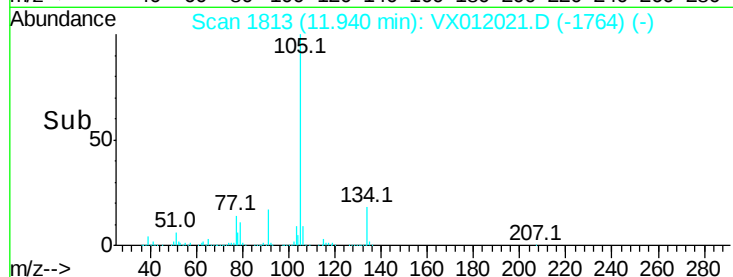
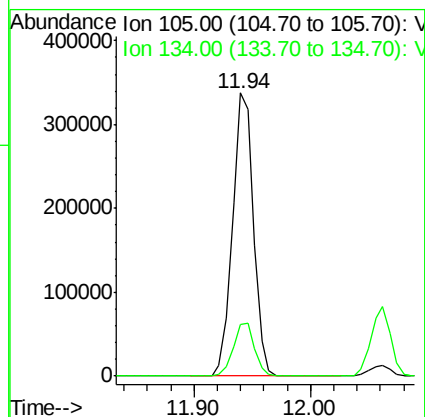
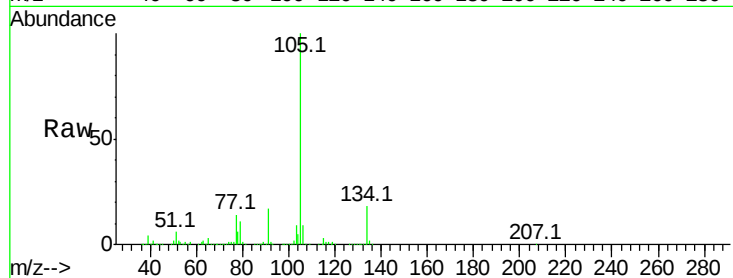
VSTDICCC050

Tgt Ion:105 Resp: 421754

Ion Ratio Lower Upper

105 100

134 19.2 11.2 33.6



#86

p-Isopropyltoluene

Concen: 57.525 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

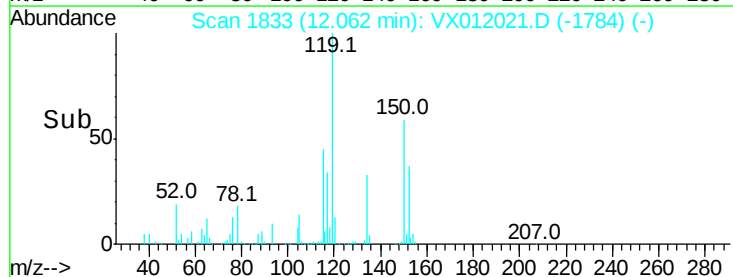
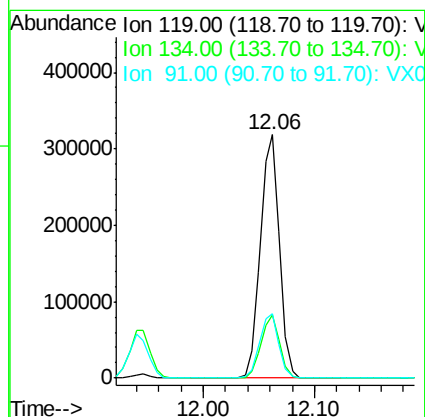
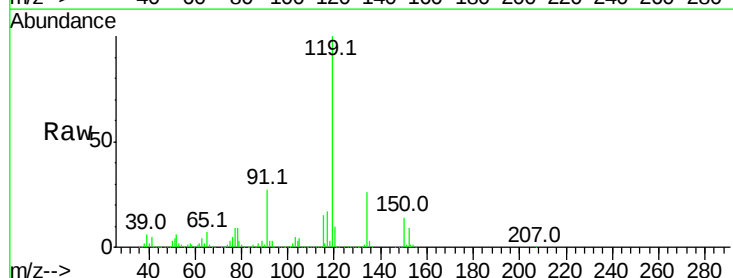
Tgt Ion:119 Resp: 380153

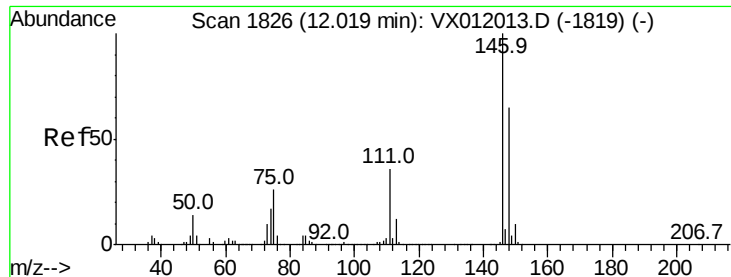
Ion Ratio Lower Upper

119 100

134 25.5 13.7 41.1

91 26.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.419 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

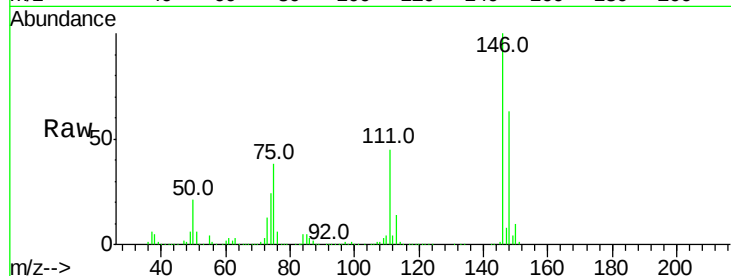
Tgt Ion:146 Resp: 178586

Ion Ratio Lower Upper

146 100

111 44.8 18.1 54.1

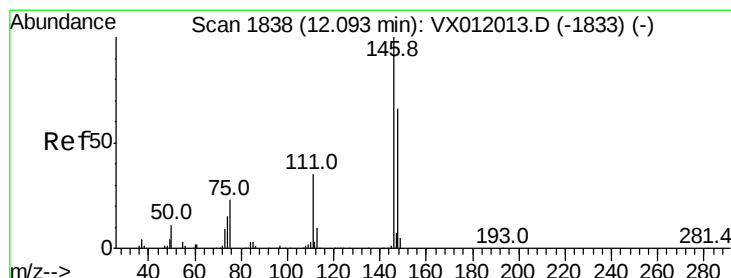
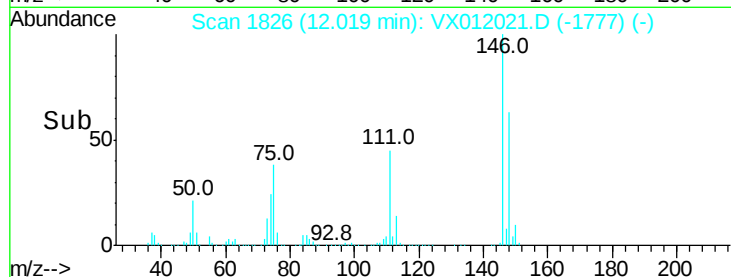
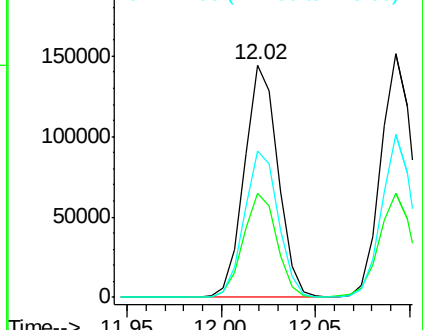
148 63.5 32.6 97.8



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: 50.211 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

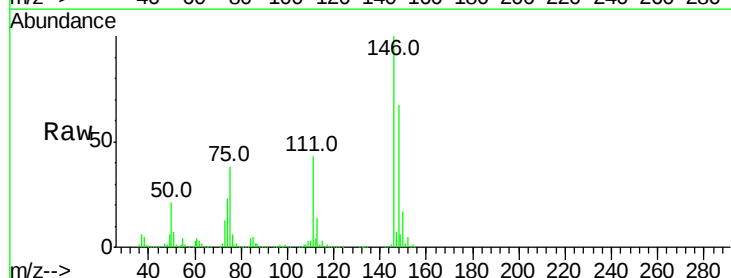
Tgt Ion:146 Resp: 180278

Ion Ratio Lower Upper

146 100

111 43.5 17.7 53.1

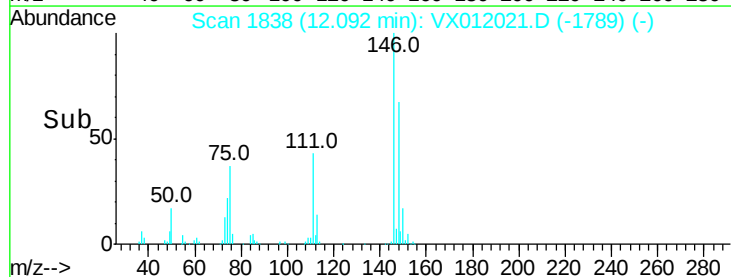
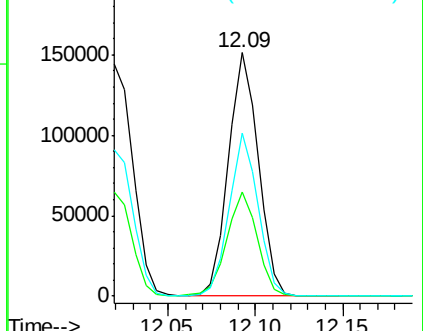
148 64.5 32.4 97.0

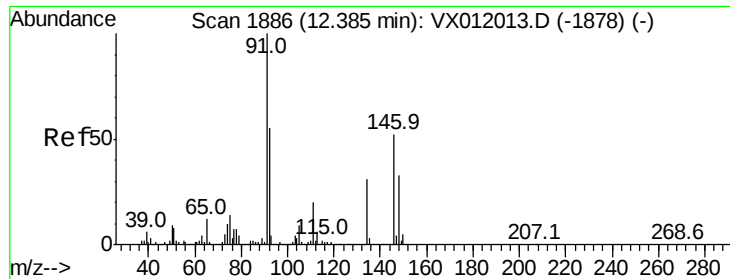


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

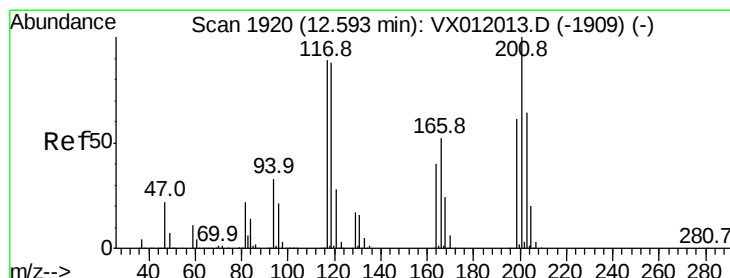
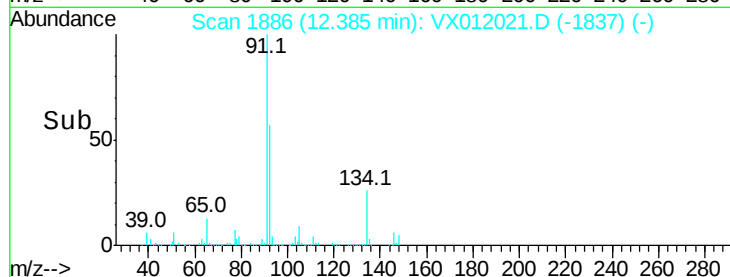
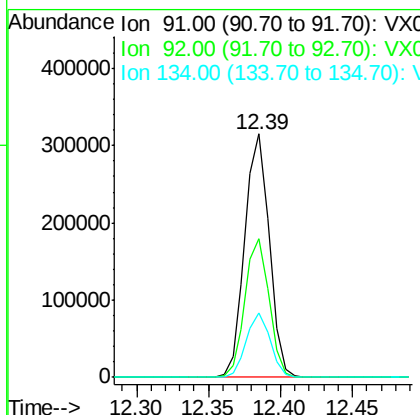
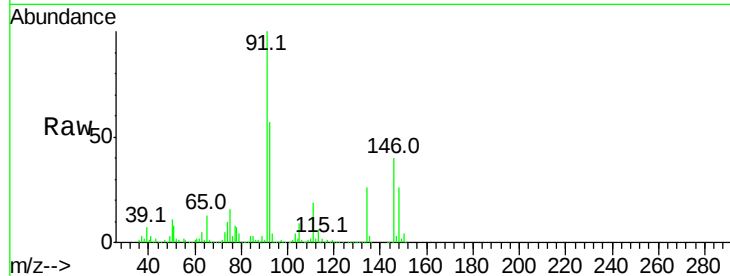




#89
n-Butylbenzene
Concen: 64.871 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

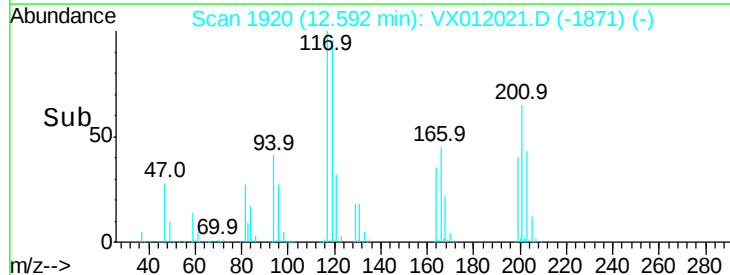
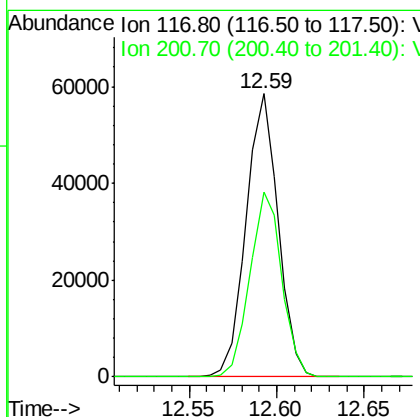
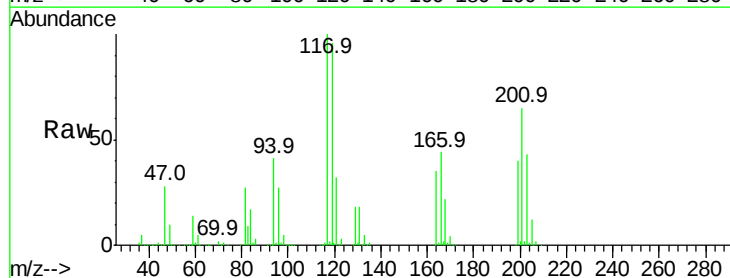
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

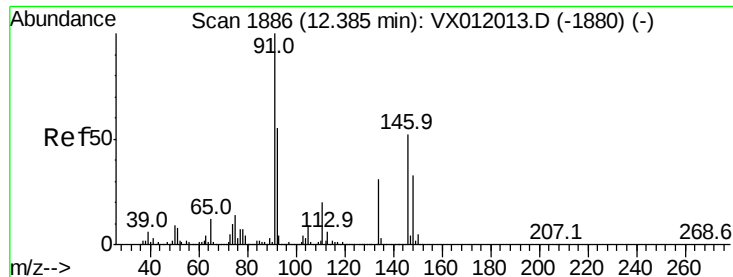
Tgt Ion: 91 Resp: 371273
Ion Ratio Lower Upper
91 100
92 56.2 27.6 82.8
134 25.8 15.4 46.1



#90
Hexachloroethane
Concen: 59.929 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012021.D
Acq: 03 Sep 2019 14:07

Tgt Ion: 117 Resp: 74355
Ion Ratio Lower Upper
117 100
201 65.2 55.0 165.2





#91

1,2-Dichlorobenzene

Concen: 50.248 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

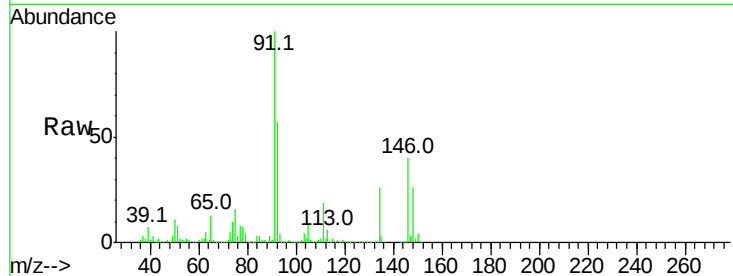
Tgt Ion:146 Resp: 163930

Ion Ratio Lower Upper

146 100

111 46.6 18.6 56.0

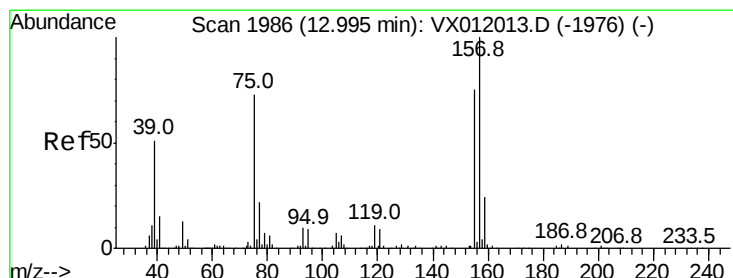
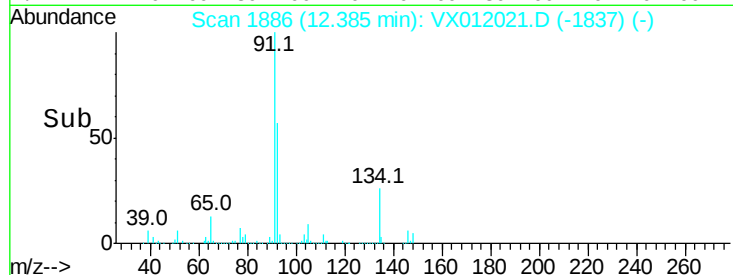
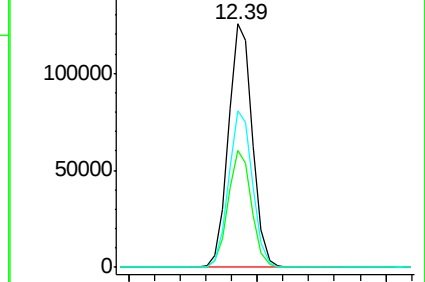
148 64.0 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 76.273 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

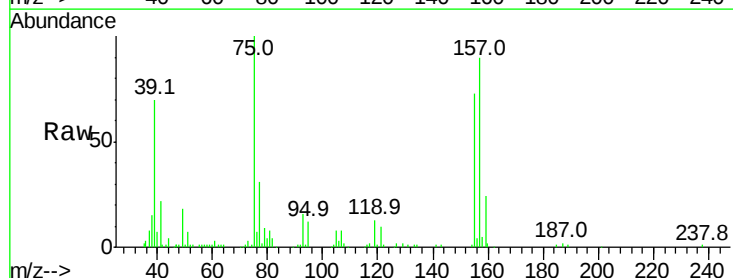
Tgt Ion: 75 Resp: 18068

Ion Ratio Lower Upper

75 100

155 71.0 51.7 155.2

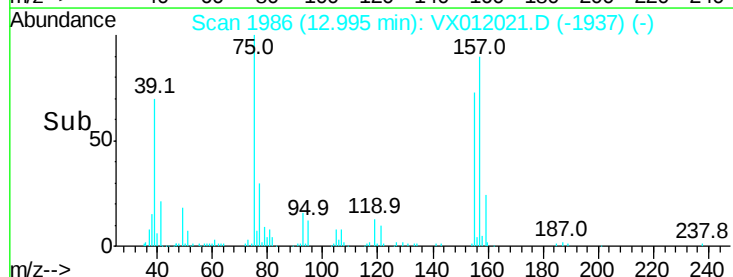
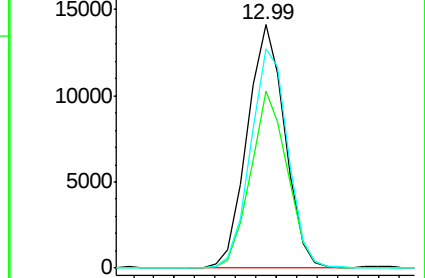
157 89.5 66.9 200.7

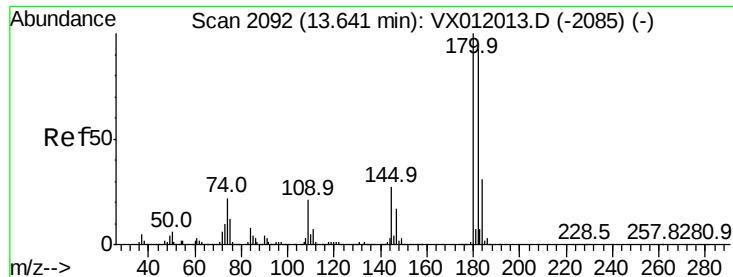


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

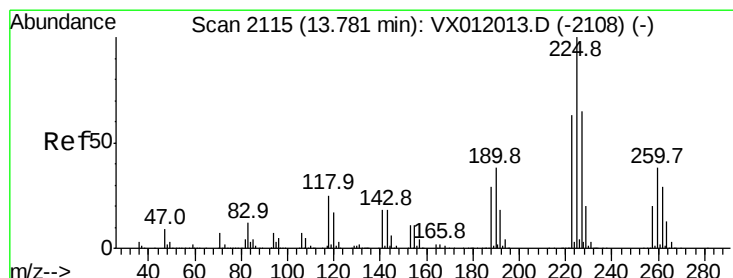
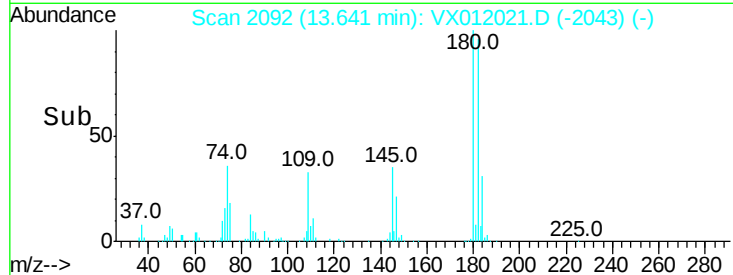
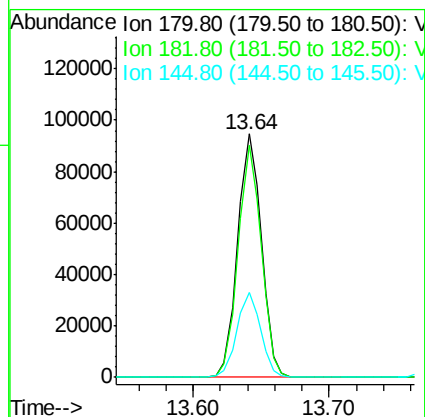
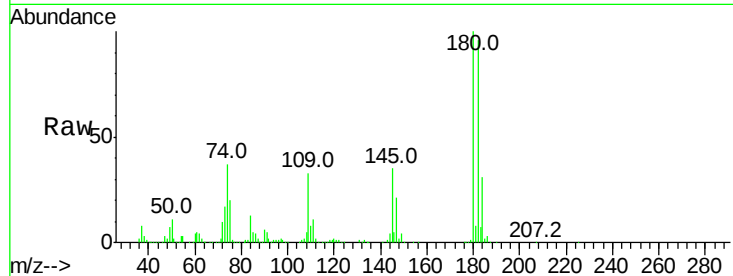




#93
 1,2,4-Trichlorobenzene
 Concen: 40.500 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

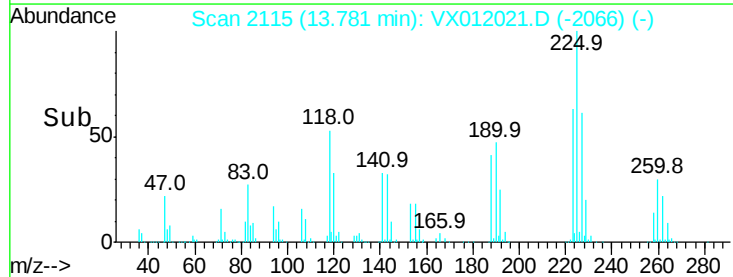
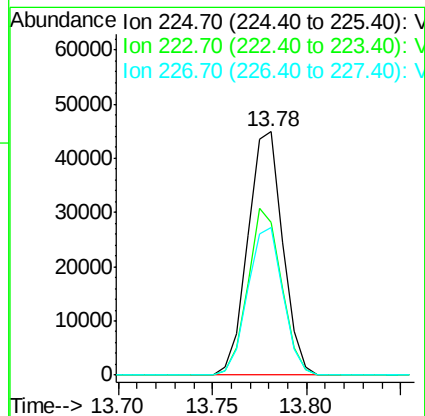
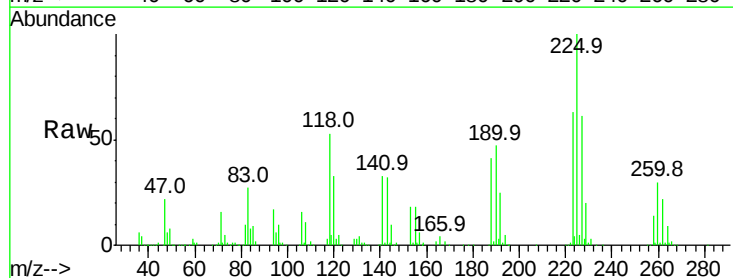
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

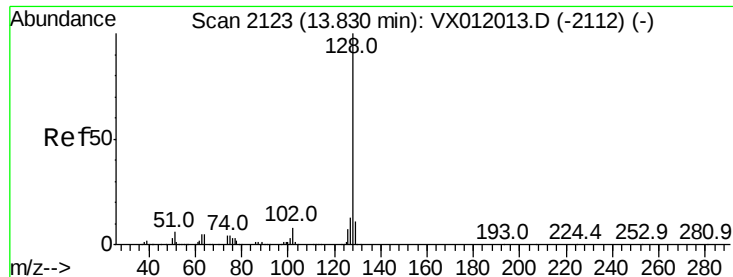
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	142.0
145	35.1	13.7	41.0



#94
 Hexachlorobutadiene
 Concen: 29.030 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012021.D
 Acq: 03 Sep 2019 14:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.6	95.0
227	61.2	32.5	97.5





#95

Naphthalene

Concen: 58.840 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

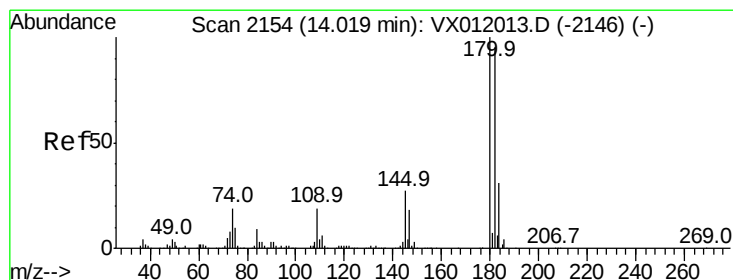
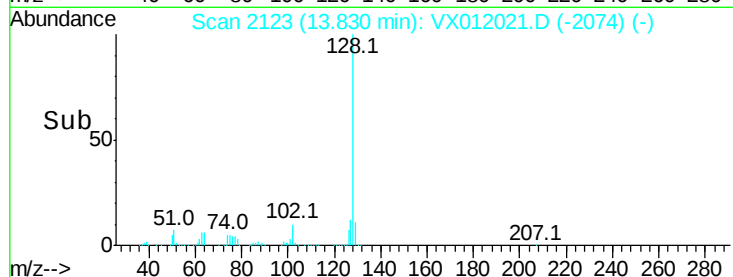
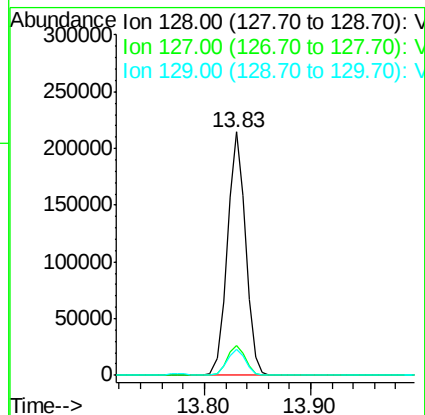
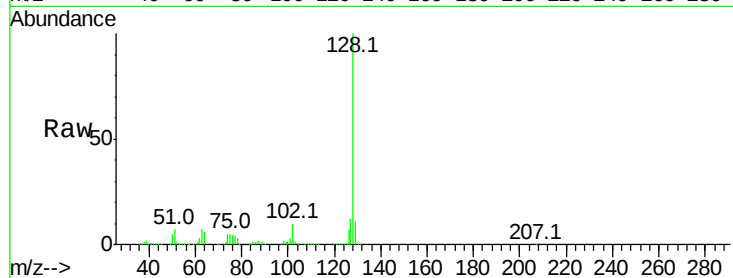
Tgt Ion:128 Resp: 256821

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 41.125 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX012021.D

Acq: 03 Sep 2019 14:07

Tgt Ion:180 Resp: 102647

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.6

145 36.8 14.1 42.4

