

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014448.D
 Acq On : 07 Jan 2020 14:44
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 07 15:26:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	526130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	806265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	377436	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	284838	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	240728	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	931265	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	339687	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	340530	66.952	ug/l	100
3) Chloromethane	1.32	50	344803	53.512	ug/l	100
4) Vinyl Chloride	1.40	62	401668	57.817	ug/l	100
5) Bromomethane	1.63	94	231325	48.350	ug/l	100
6) Chloroethane	1.72	64	215230	51.517	ug/l	100
7) Trichlorofluoromethane	1.92	101	429598	51.374	ug/l	100
8) Diethyl Ether	2.18	74	186451	47.955	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	254772	50.593	ug/l	100
10) Methyl Iodide	2.50	142	348713	56.656	ug/l	100
11) Tert butyl alcohol	3.03	59	315289	241.578	ug/l	100
12) 1,1-Dichloroethene	2.37	96	258079	50.413	ug/l	100
13) Acrolein	2.28	56	250095	311.891	ug/l	100
14) Allyl chloride	2.72	41	459231	50.441	ug/l	100
15) Acrylonitrile	3.13	53	742895	245.604	ug/l	100
16) Acetone	2.43	43	772580	206.359	ug/l	100
17) Carbon Disulfide	2.56	76	707215	47.107	ug/l	100
18) Methyl Acetate	2.76	43	446295	56.147	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	849997	50.731	ug/l	100
20) Methylene Chloride	2.85	84	287037	46.787	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	274637	48.858	ug/l	100
22) Diisopropyl ether	3.84	45	903048	49.883	ug/l	100
23) Vinyl Acetate	3.80	43	3472298	238.067	ug/l	100
24) 1,1-Dichloroethane	3.69	63	490135	48.642	ug/l	100
25) 2-Butanone	4.65	43	1113579	235.621	ug/l	100
26) 2,2-Dichloropropane	4.58	77	409882	51.986	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	312389	49.194	ug/l	100
28) Bromochloromethane	5.01	49	194643	55.807	ug/l	100
29) Tetrahydrofuran	5.11	42	678913	252.044	ug/l	100
30) Chloroform	5.20	83	475509	49.829	ug/l	100
31) Cyclohexane	5.58	56	473223	52.367	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	411475	50.407	ug/l	100
36) 1,1-Dichloropropene	5.79	75	374682	50.215	ug/l	100
37) Ethyl Acetate	4.82	43	412615	50.352	ug/l	100
38) Carbon Tetrachloride	5.78	117	357949	52.570	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	484309	52.210	ug/l	100
40) Benzene	6.14	78	1124418	49.157	ug/l	100
41) Methacrylonitrile	5.03	41	225322	49.434	ug/l	100
42) 1,2-Dichloroethane	6.18	62	382049	49.263	ug/l	100
43) Isopropyl Acetate	6.43	43	679564	50.034	ug/l	100
44) Trichloroethene	7.21	130	319820	50.133	ug/l	100
45) 1,2-Dichloropropane	7.51	63	288964	49.302	ug/l	100
46) Dibromomethane	7.65	93	191111	49.149	ug/l	100
47) Bromodichloromethane	7.89	83	373076	51.007	ug/l	100
48) Methyl methacrylate	7.76	41	335188	50.430	ug/l	100
49) 1,4-Dioxane	7.73	88	135693	996.353	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2092491	246.138	ug/l	100
52) Toluene	8.78	92	720834	49.762	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	430055	53.524	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	475482	53.126	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	287027	49.513	ug/l	100
56) Ethyl methacrylate	9.17	69	467065	51.416	ug/l	100
57) 1,3-Dichloropropane	9.37	76	477159	49.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	781535	232.976	ug/l	100
59) 2-Hexanone	9.48	43	1664151	244.755	ug/l	100
60) Dibromochloromethane	9.57	129	304812	52.768	ug/l	100
61) 1,2-Dibromoethane	9.67	107	300712	50.699	ug/l	100
64) Tetrachloroethene	9.33	164	371031	55.507	ug/l	100
65) Chlorobenzene	10.14	112	775167	49.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	284573	50.802	ug/l	100
67) Ethyl Benzene	10.25	91	1364499	50.704	ug/l	100
68) m/p-Xylenes	10.35	106	1051235	101.385	ug/l	100
69) o-Xylene	10.70	106	502552	49.634	ug/l	100
70) Styrene	10.71	104	874977	51.061	ug/l	100
71) Bromoform	10.85	173	241778	53.504	ug/l	100
73) Isopropylbenzene	11.01	105	1341227	50.273	ug/l	100
74) N-amyl acetate	10.89	43	603935	48.762	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	417537	45.869	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	513729	64.147	ug/l	80
77) Bromobenzene	11.25	156	351866	47.874	ug/l	100
78) n-propylbenzene	11.35	91	1530369	51.144	ug/l	100
79) 2-Chlorotoluene	11.42	91	892914	49.260	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1123297	50.088	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156190	53.445	ug/l	100
82) 4-Chlorotoluene	11.51	91	1036182	49.131	ug/l	100
83) tert-Butylbenzene	11.76	119	1031310	47.588	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1120332	49.941	ug/l	100
85) sec-Butylbenzene	11.94	105	1309203	50.703	ug/l	100
86) p-Isopropyltoluene	12.06	119	1218706	51.501	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	628639	48.752	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	637905	48.512	ug/l	100
89) n-Butylbenzene	12.39	91	1084953	53.502	ug/l	100
90) Hexachloroethane	12.59	117	214429	50.669	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	622982	48.185	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	97508	47.638	ug/l	100

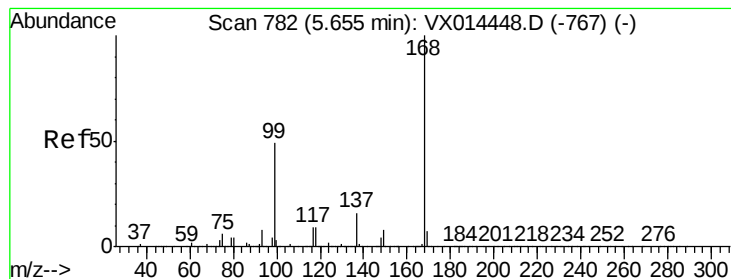
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	461492	53.858	ug/l	100
94) Hexachlorobutadiene	13.78	225	216309	52.581	ug/l	100
95) Naphthalene	13.83	128	1384521	55.218	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	453817	53.891	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

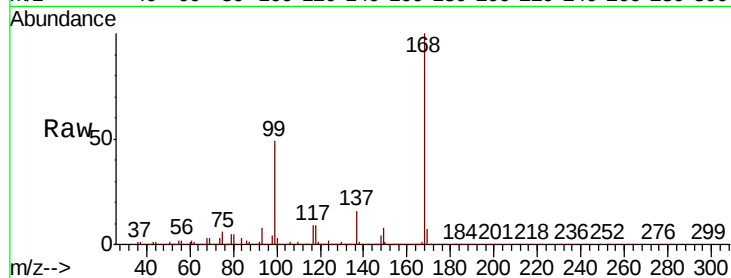
VSTDICCC050

Tot Ion:168 Resp: 526130

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

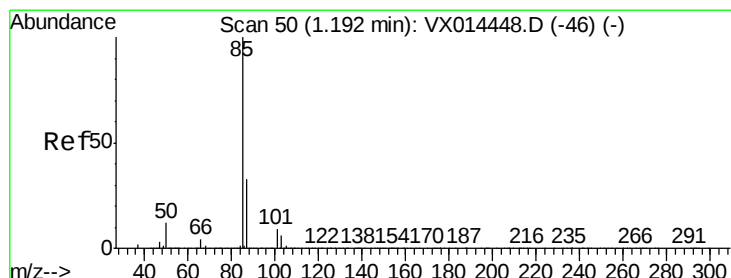
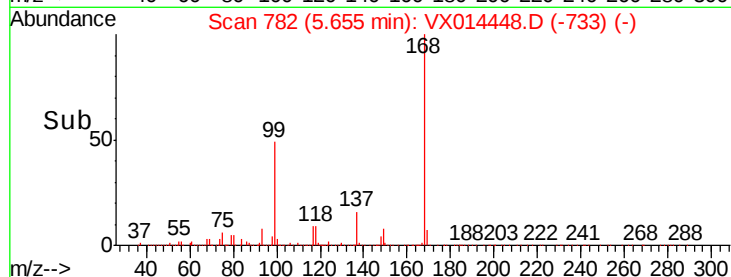
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 66.952 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014448.D

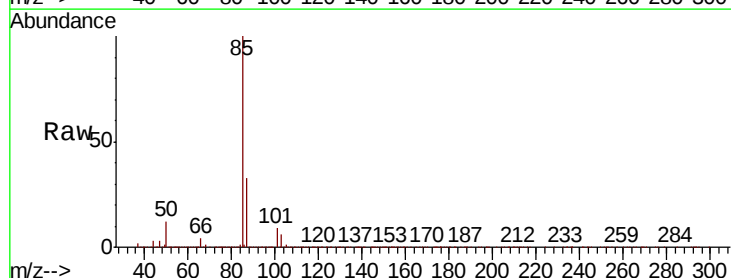
Acq: 07 Jan 2020 14:44

Tgt Ion: 85 Resp: 340530

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

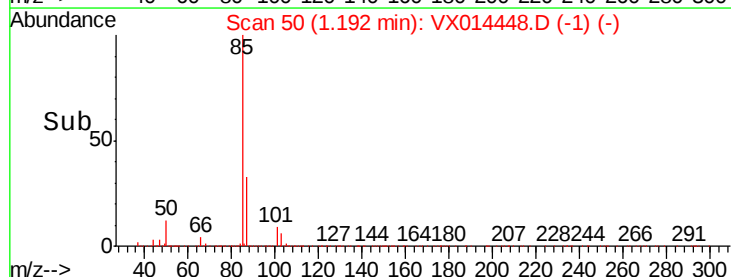
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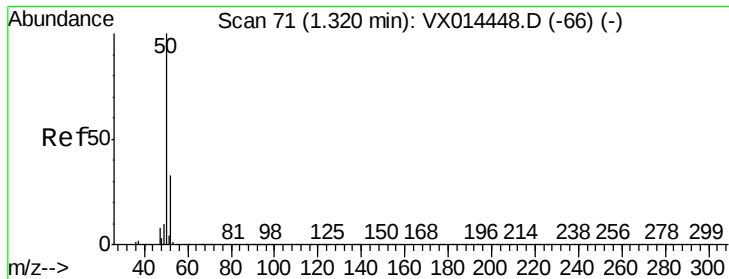
200000

100000

0

Time-->





#3

Chloromethane

Concen: 53.512 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

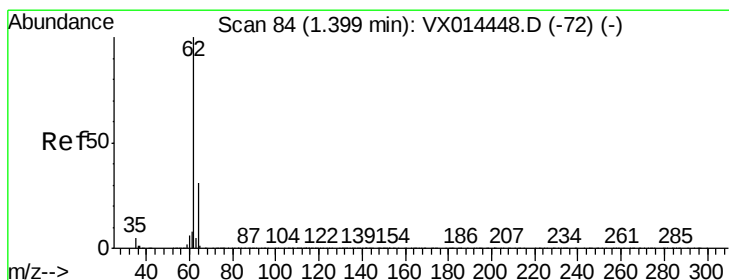
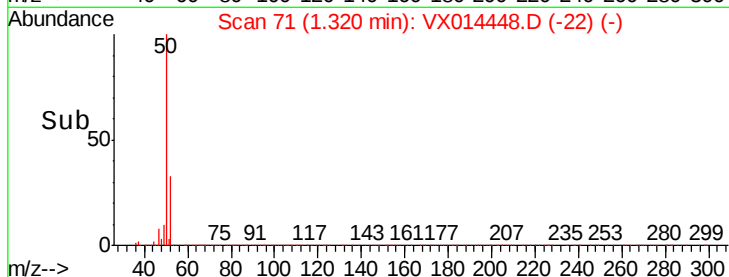
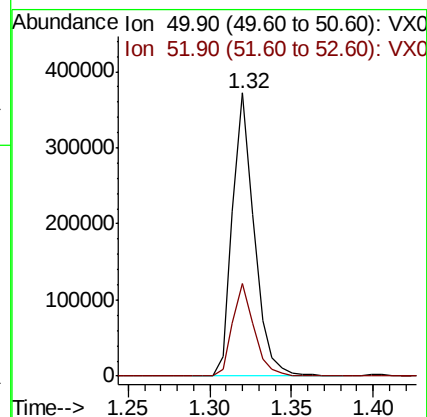
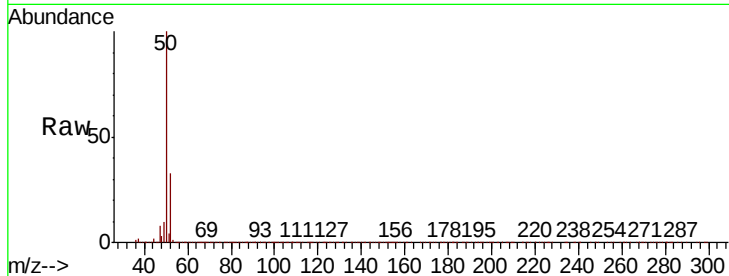
VSTDICCC050

Tot Ion: 50 Resp: 344803

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 57.817 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014448.D

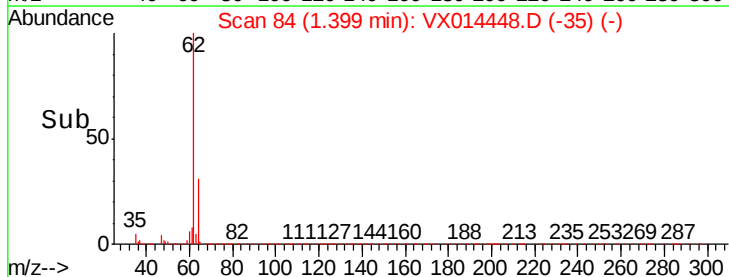
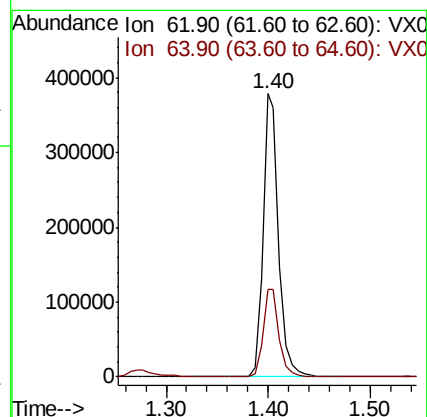
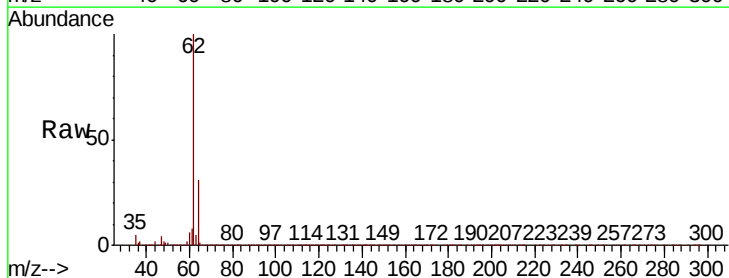
Acq: 07 Jan 2020 14:44

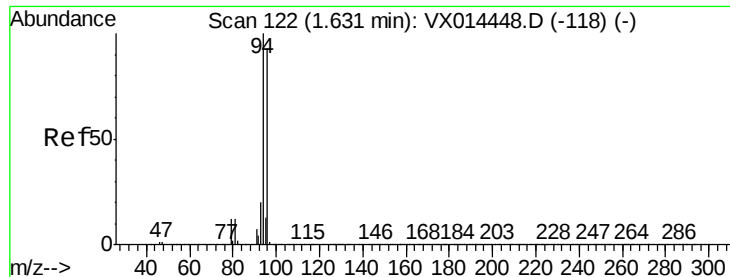
Tgt Ion: 62 Resp: 401668

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 48.350 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

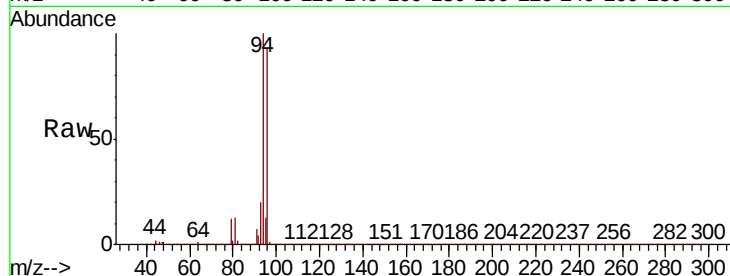
VSTDICCC050

Tot Ion: 94 Resp: 231325

Ion Ratio Lower Upper

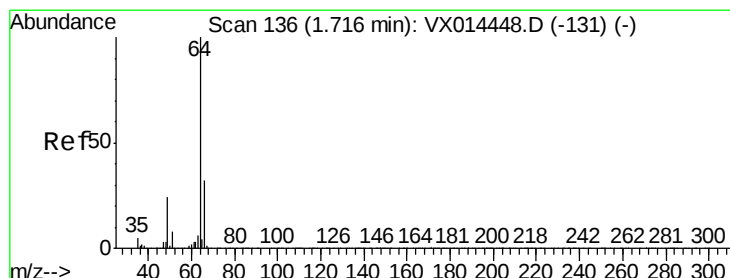
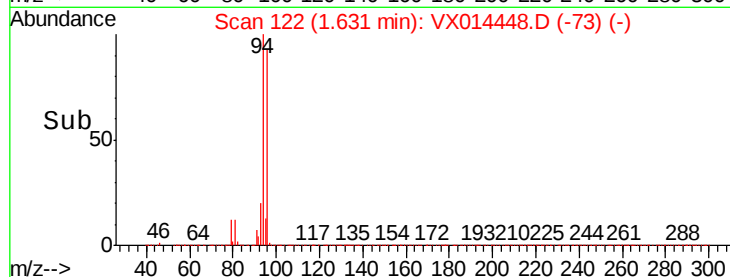
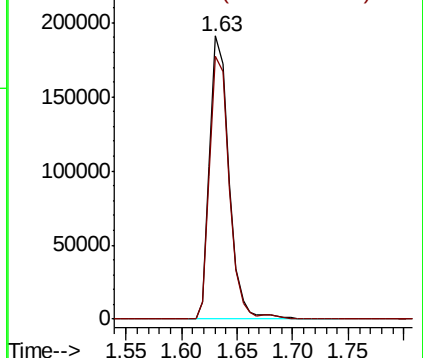
94 100

96 92.7 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.517 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014448.D

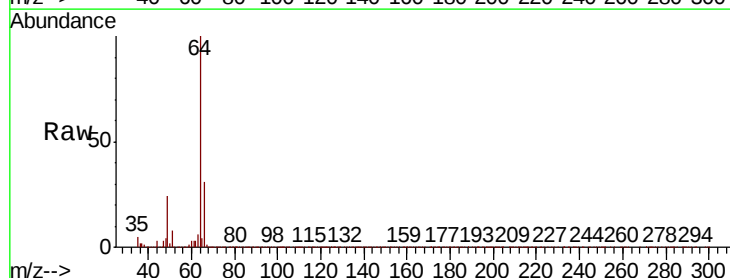
Acq: 07 Jan 2020 14:44

Tgt Ion: 64 Resp: 215230

Ion Ratio Lower Upper

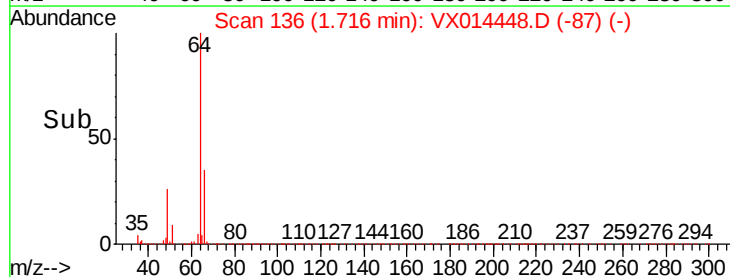
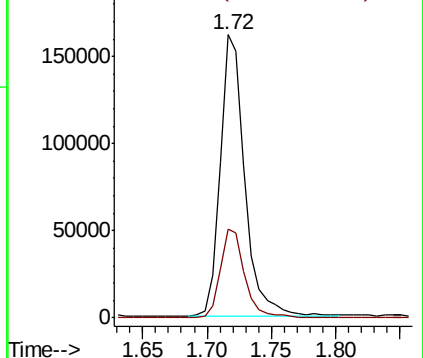
64 100

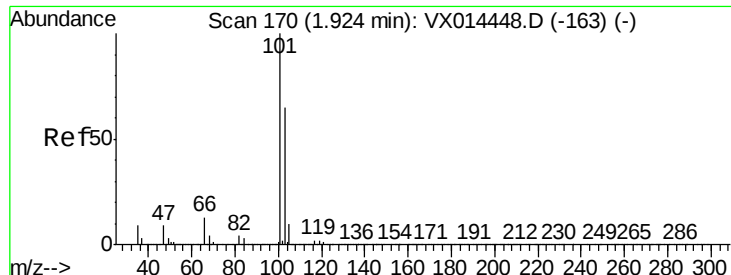
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



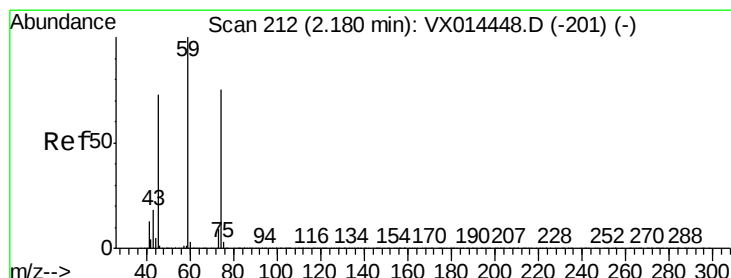
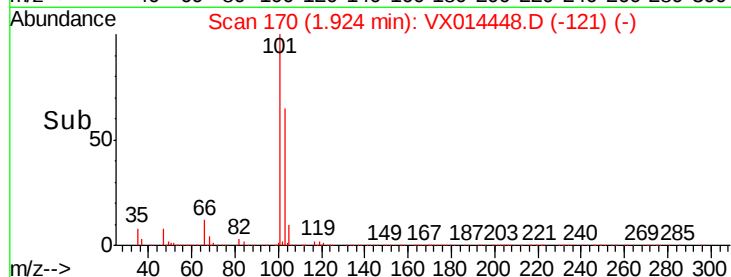
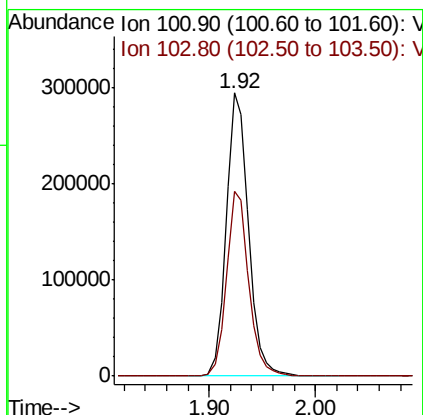
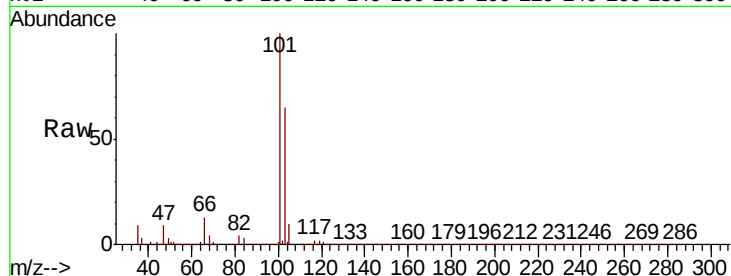


#7

Trichlorofluoromethane
Concen: 51.374 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

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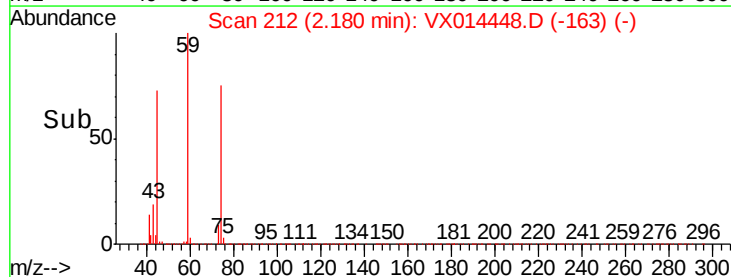
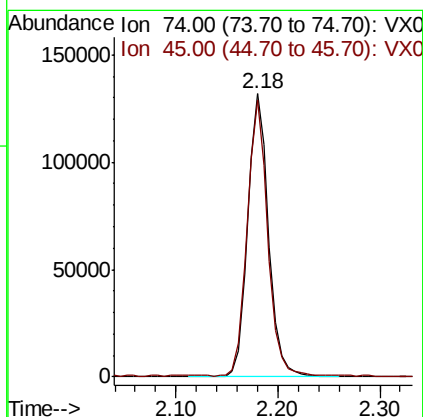
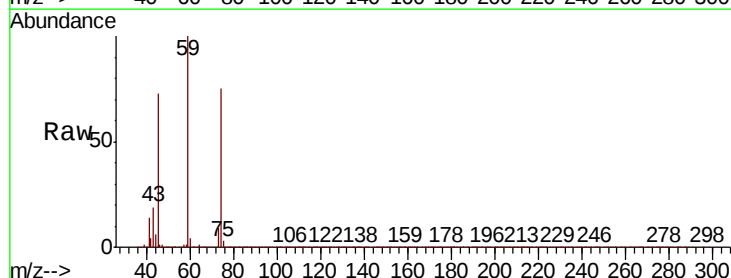
Tot Ion:101 Resp: 429598
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

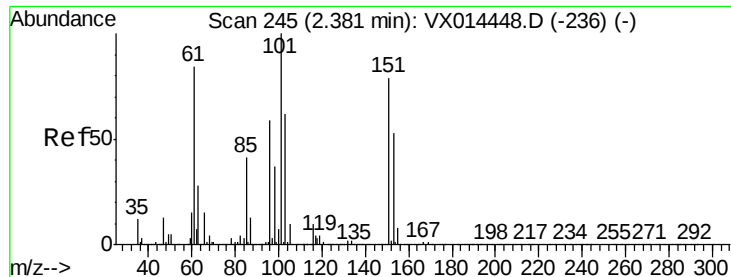


#8

Diethyl Ether
Concen: 47.955 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion: 74 Resp: 186451
Ion Ratio Lower Upper
74 100
45 97.4 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.593 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

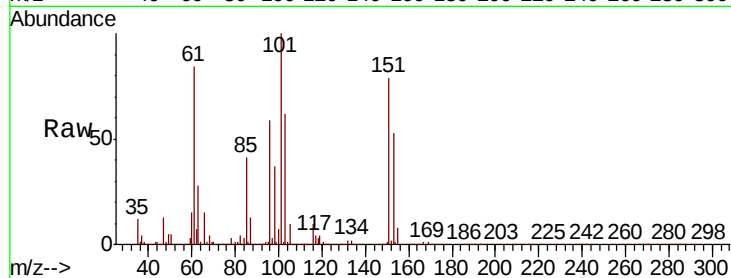
Tot Ion:101 Resp: 254772

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.8

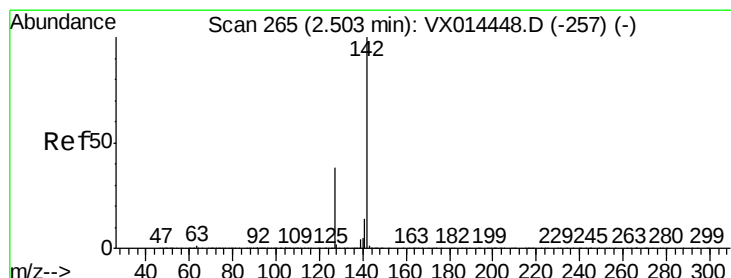
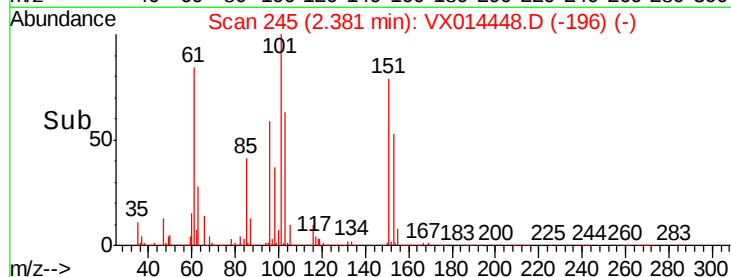
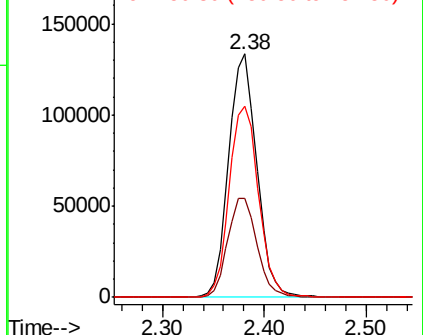
151 81.6 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.656 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

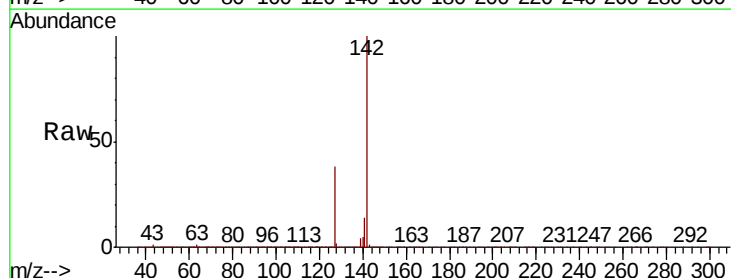
Tgt Ion:142 Resp: 348713

Ion Ratio Lower Upper

142 100

127 39.0 31.2 46.8

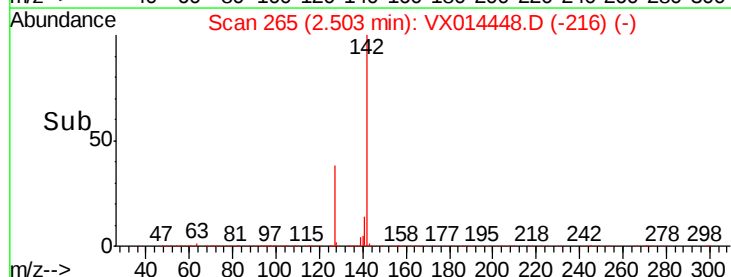
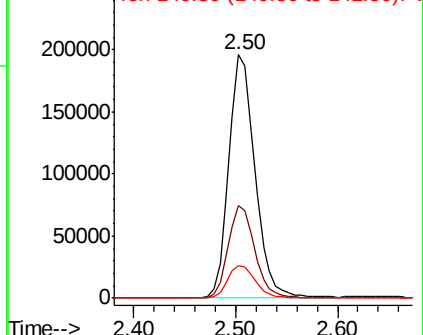
141 14.3 11.4 17.2

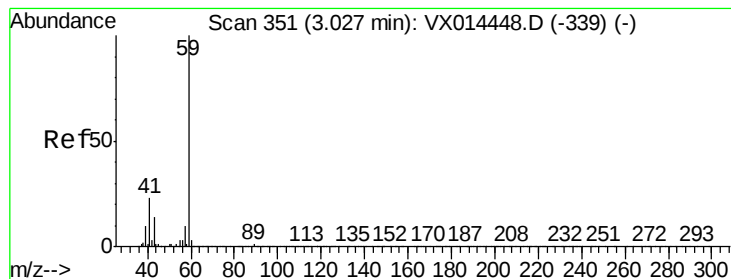


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



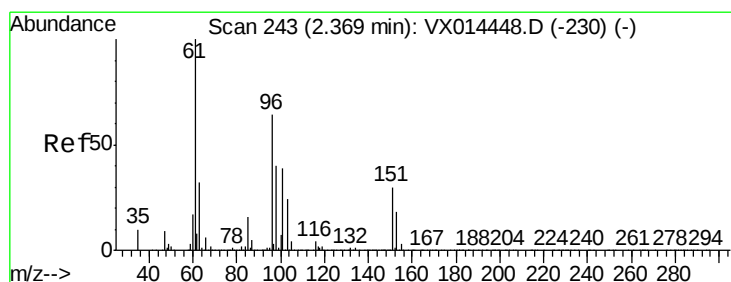
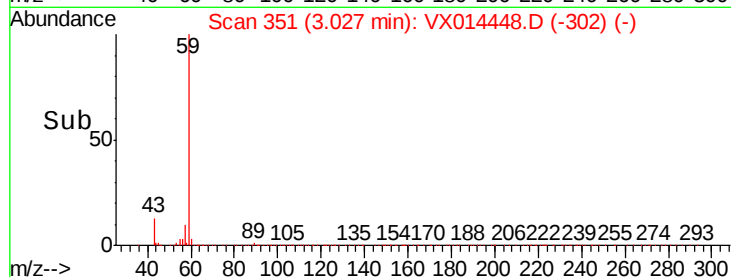
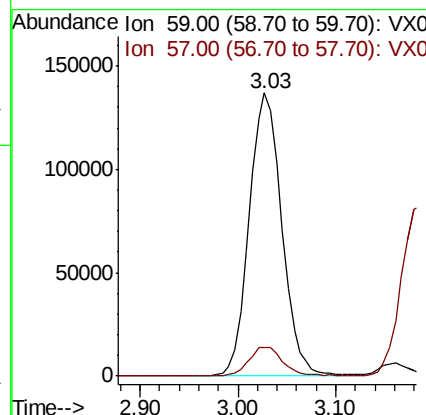
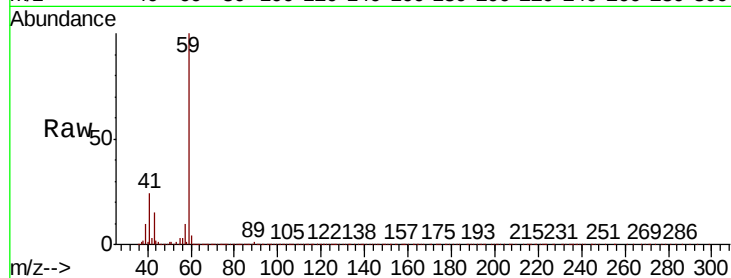


#11

Tert butyl alcohol
Concen: 241.578 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

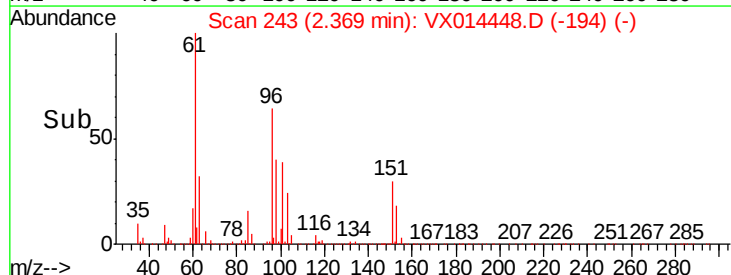
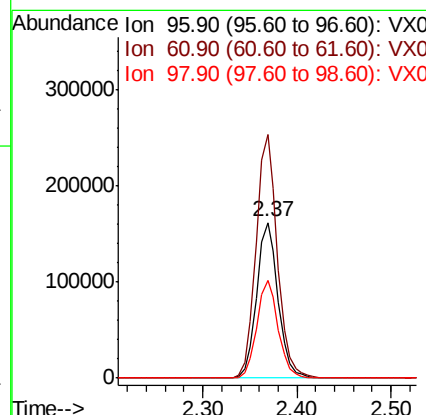
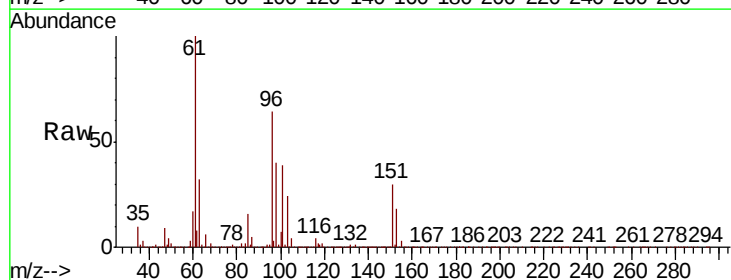
Tot Ion: 59 Resp: 315289
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

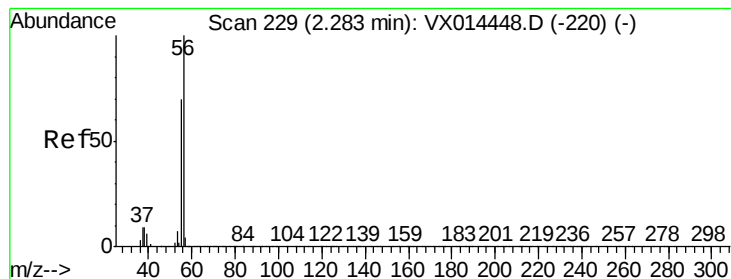


#12

1,1-Dichloroethene
Concen: 50.413 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion: 96 Resp: 258079
Ion Ratio Lower Upper
96 100
61 156.3 125.0 187.6
98 62.7 50.2 75.2





#13

Acrolein

Concen: 311.891 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

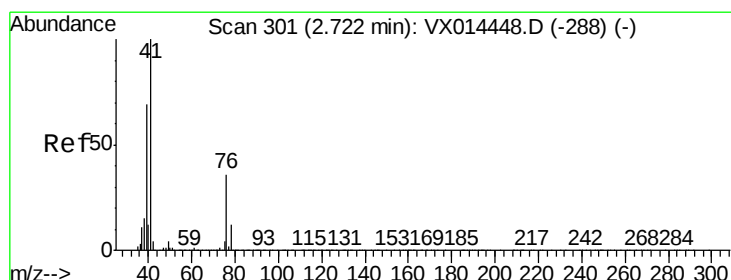
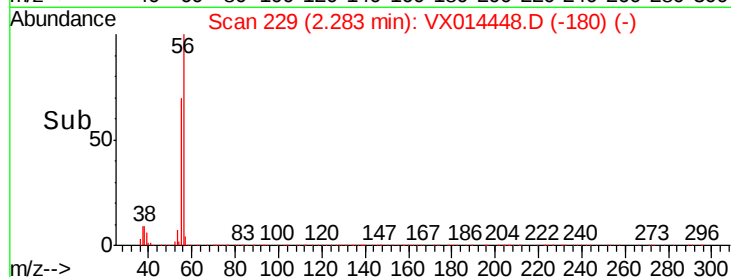
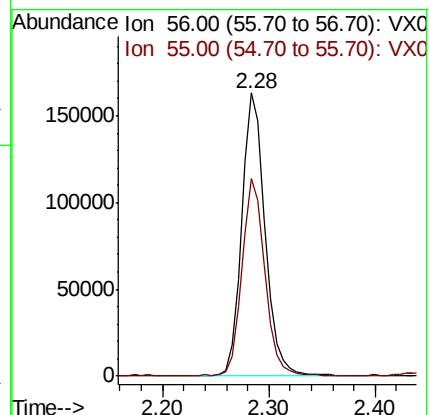
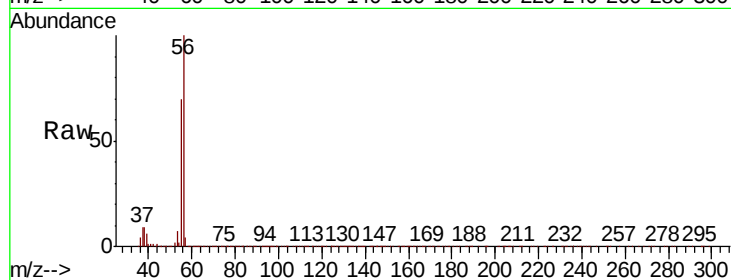
VSTDICCC050

Tot Ion: 56 Resp: 250095

Ion Ratio Lower Upper

56 100

55 68.8 55.0 82.6



#14

Allyl chloride

Concen: 50.441 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

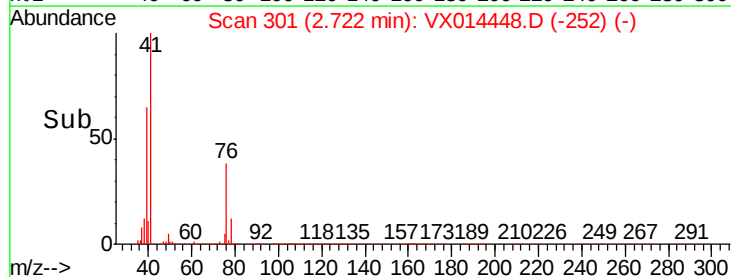
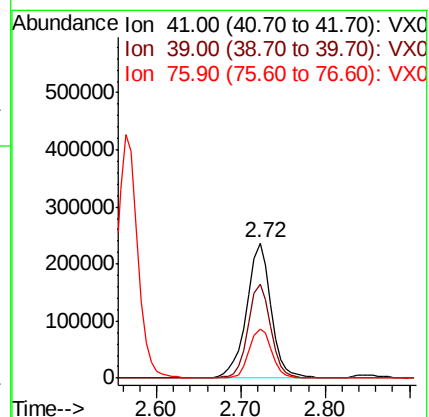
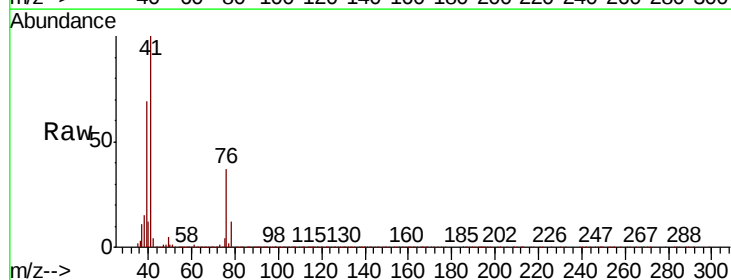
Tgt Ion: 41 Resp: 459231

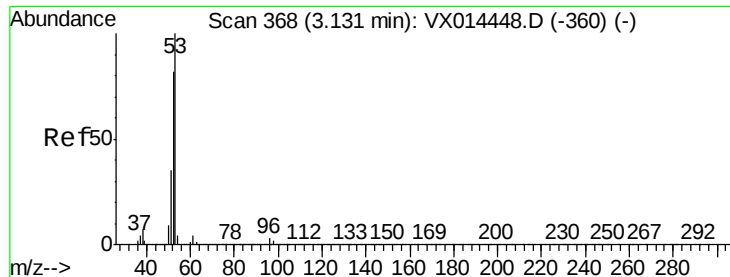
Ion Ratio Lower Upper

41 100

39 64.6 51.7 77.5

76 33.5 26.8 40.2

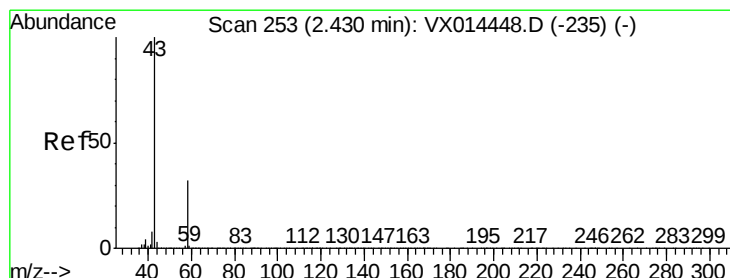
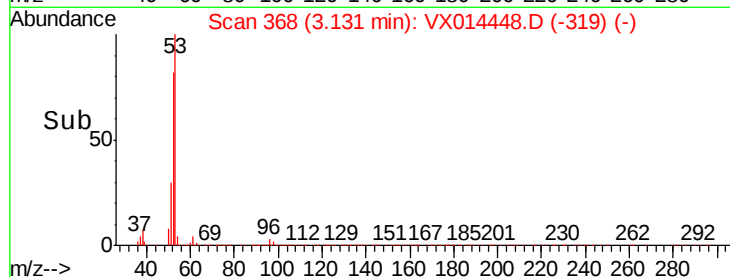
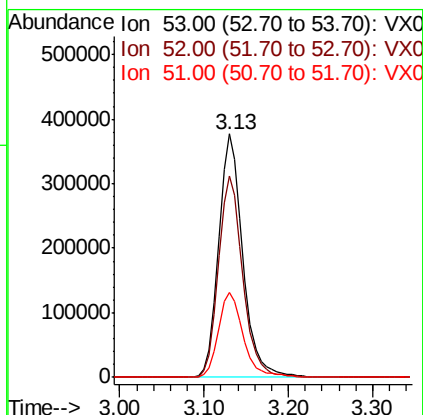
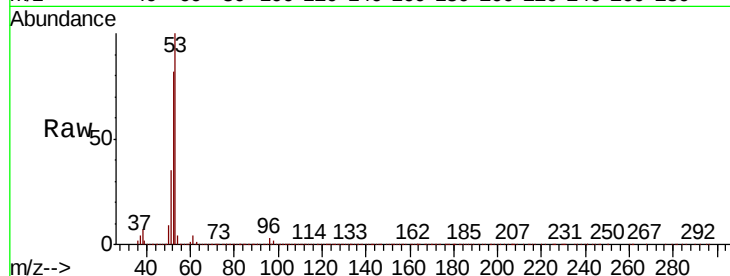




#15
Acrylonitrile
Concen: 245.604 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

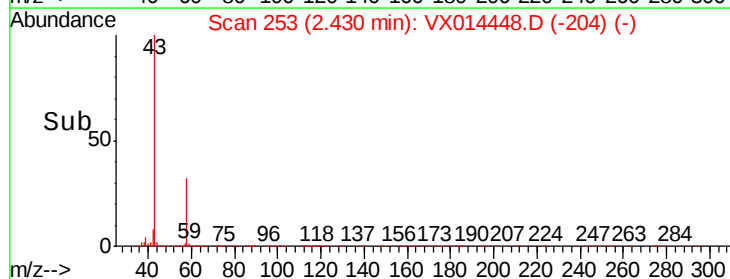
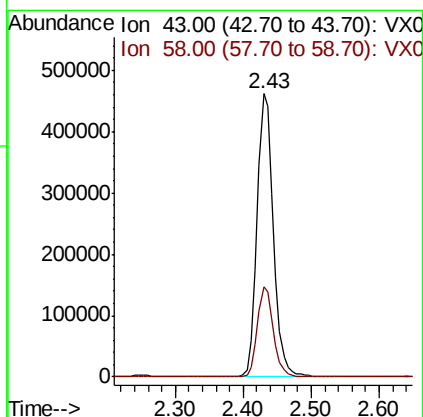
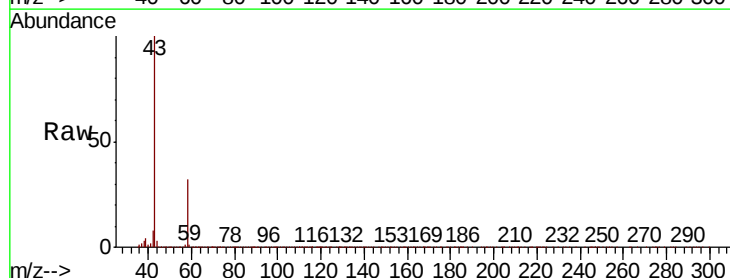
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

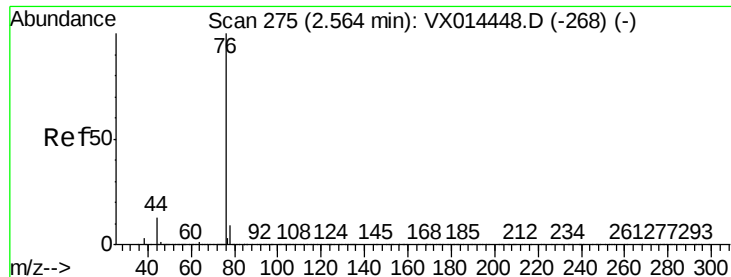
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.0	100.4
51	35.6	28.5	42.7



#16
Acetone
Concen: 206.359 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.0





#17

Carbon Disulfide

Concen: 47.107 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

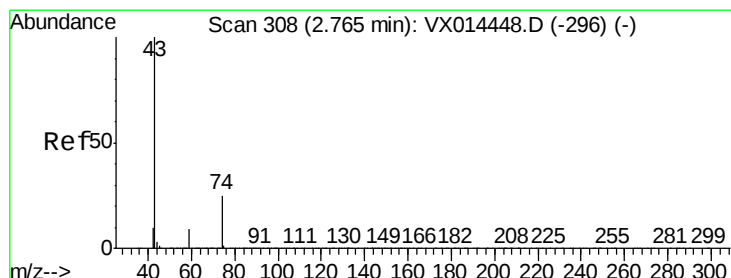
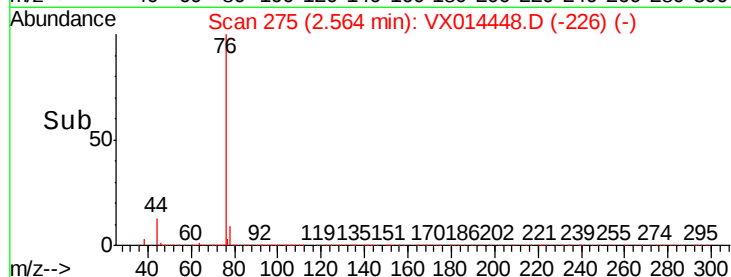
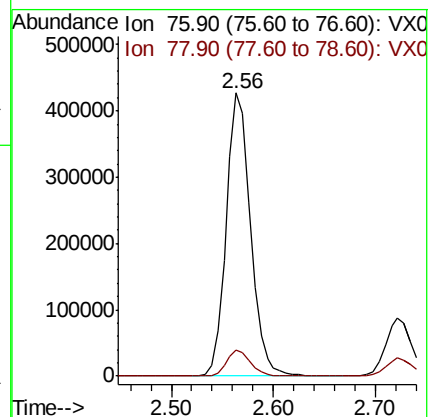
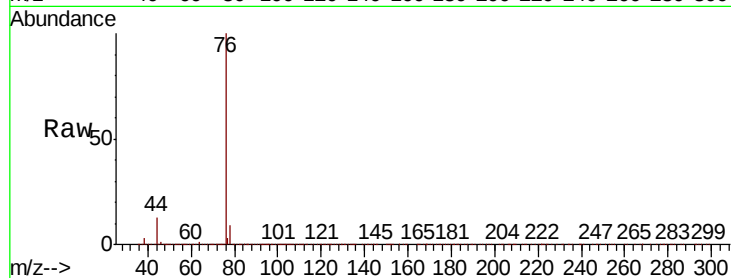
VSTDICCC050

Tot Ion: 76 Resp: 707215

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



#18

Methyl Acetate

Concen: 56.147 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014448.D

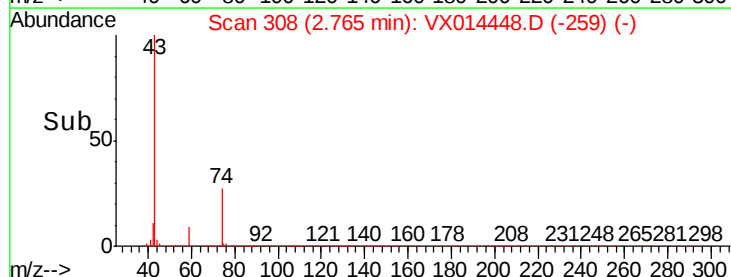
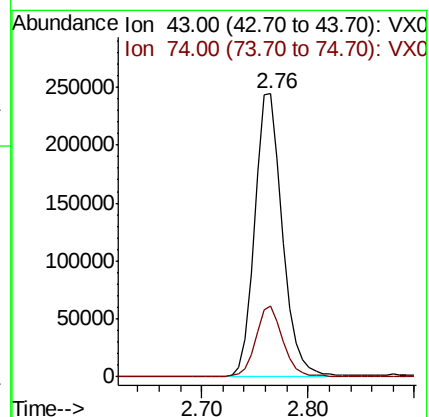
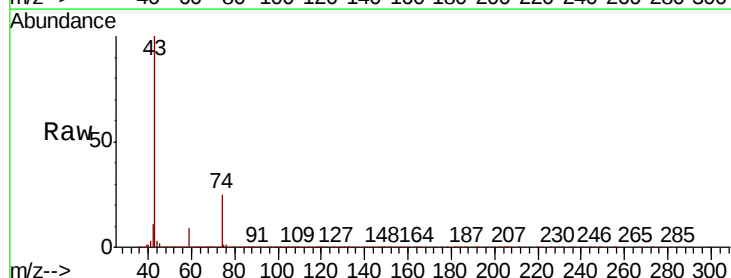
Acq: 07 Jan 2020 14:44

Tgt Ion: 43 Resp: 446295

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2



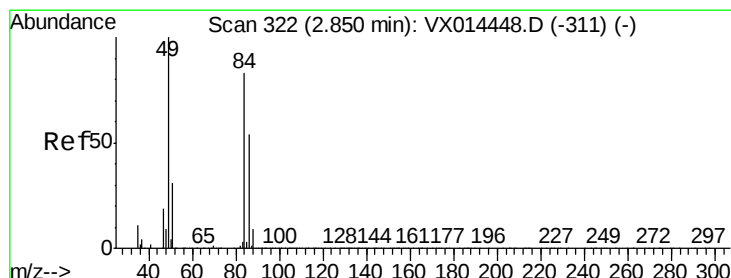
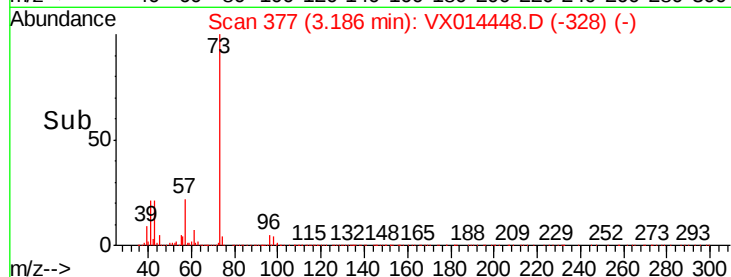
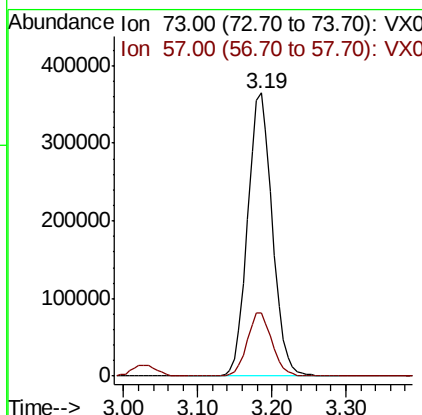
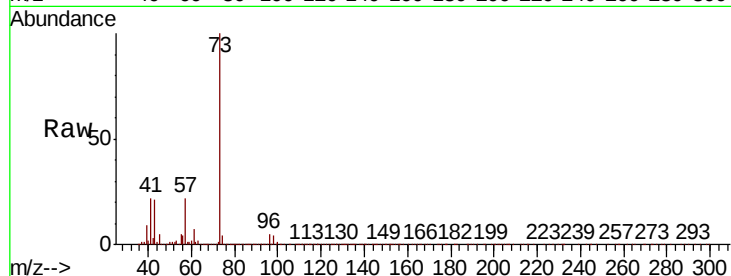


#19

Methyl tert-butyl Ether
 Concen: 50.731 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

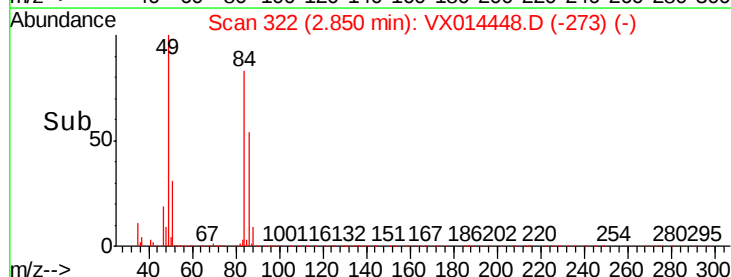
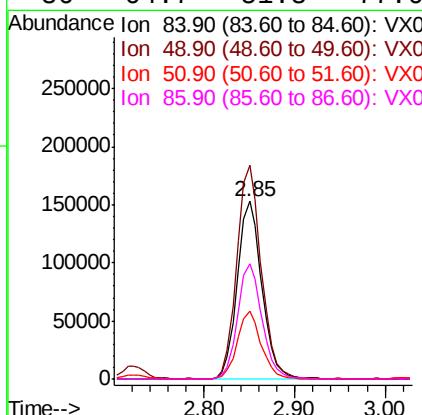
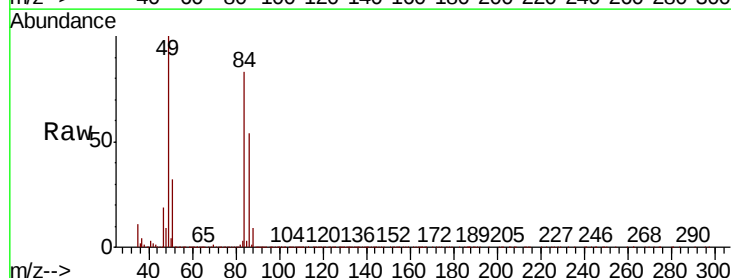
Tot Ion: 73 Resp: 849997
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.8

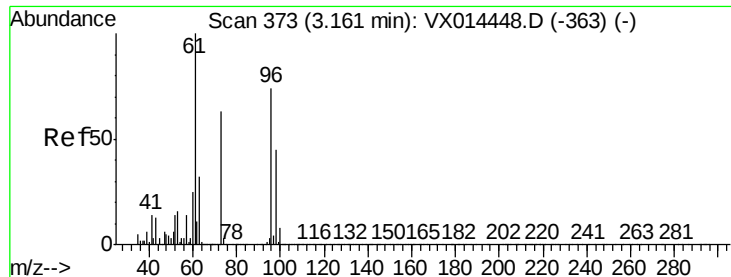


#20

Methylene Chloride
 Concen: 46.787 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Tgt Ion: 84 Resp: 287037
 Ion Ratio Lower Upper
 84 100
 49 119.8 95.8 143.8
 51 37.8 30.2 45.4
 86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.858 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

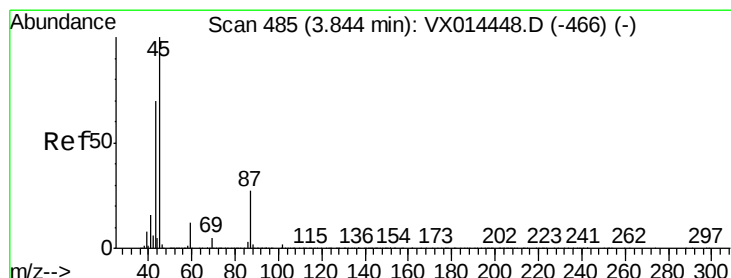
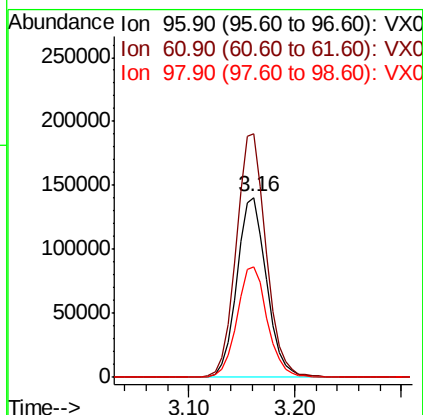
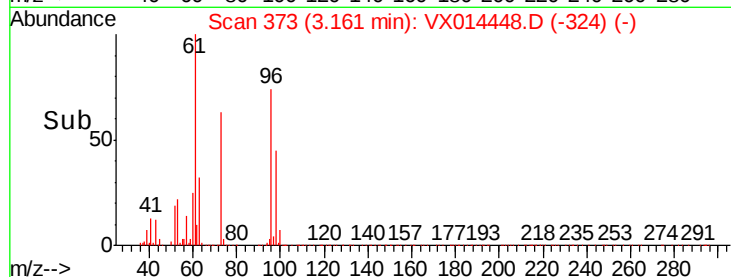
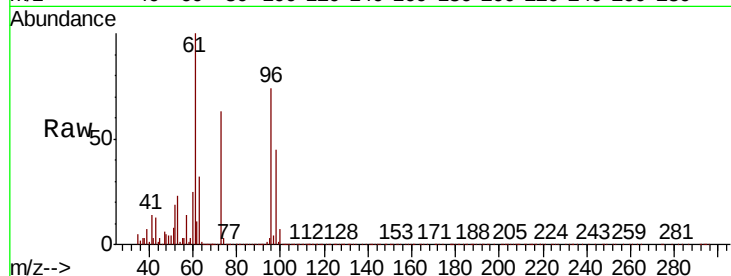
Tot Ion: 96 Resp: 274637

Ion Ratio Lower Upper

96 100

61 135.3 108.2 162.4

98 61.0 48.8 73.2



#22

Diisopropyl ether

Concen: 49.883 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Tgt Ion: 45 Resp: 903048

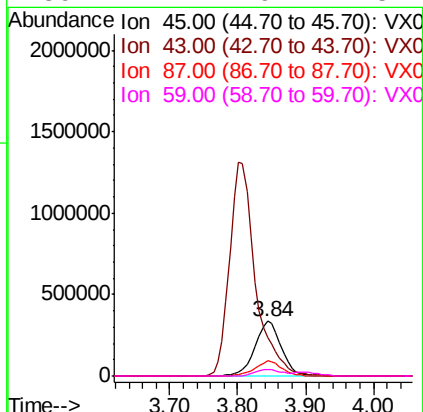
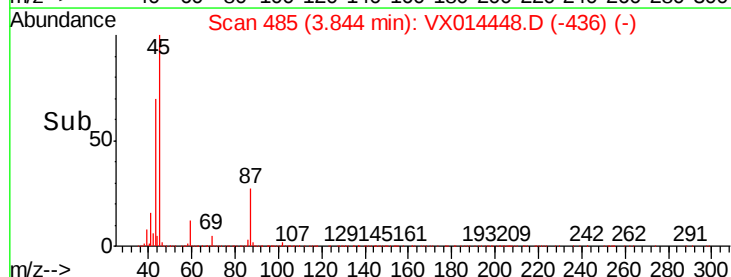
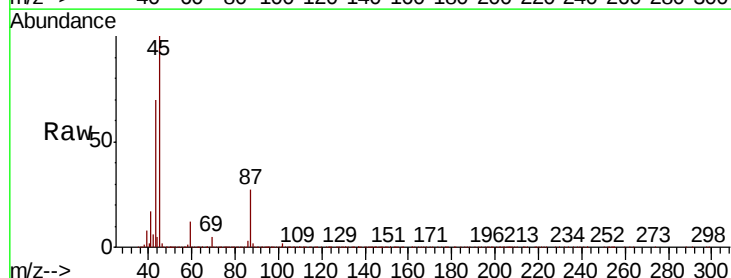
Ion Ratio Lower Upper

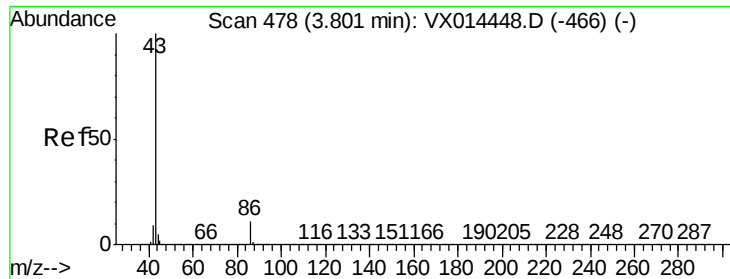
45 100

43 69.7 55.8 83.6

87 27.3 21.8 32.8

59 11.4 9.1 13.7

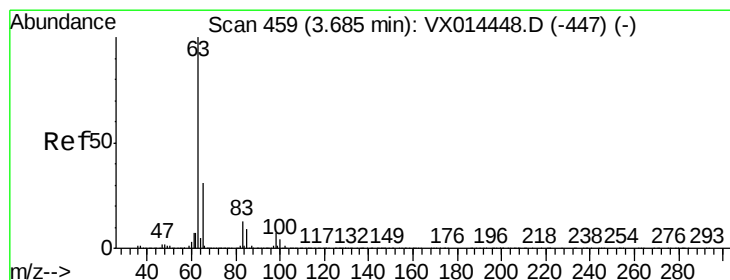
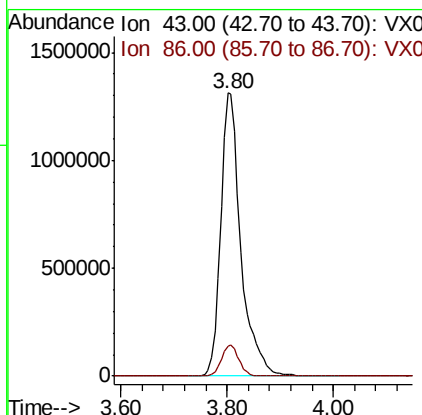
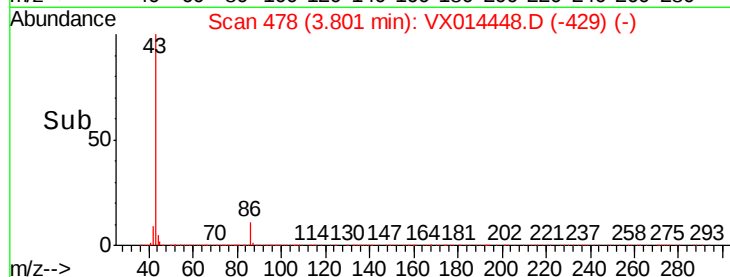
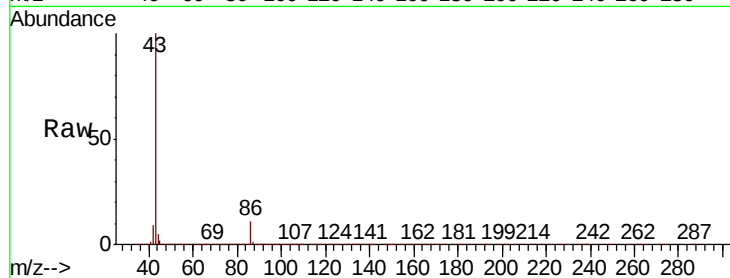




#23
 Vinyl Acetate
 Concen: 238.067 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

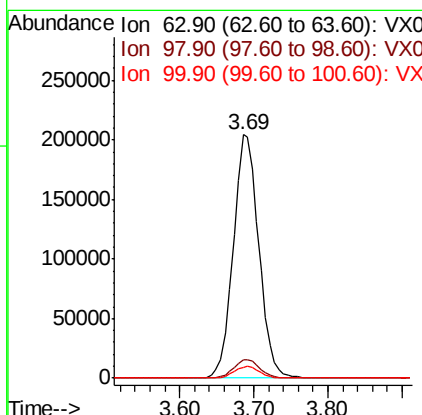
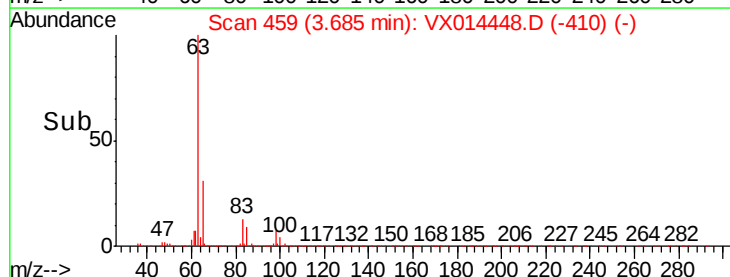
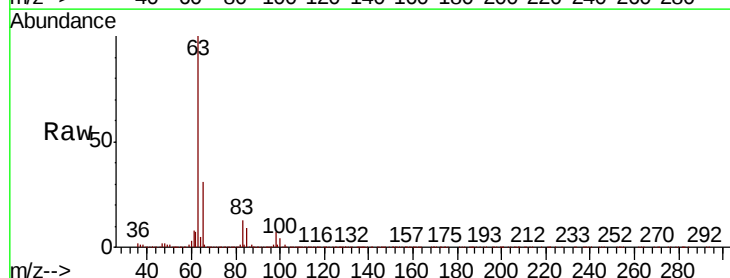
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC050

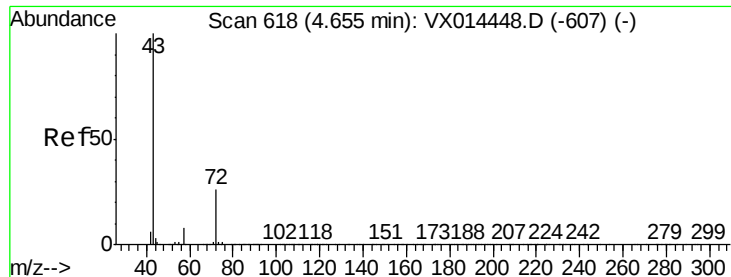
Tot Ion: 43 Resp: 3472298
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 48.642 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Tgt Ion: 63 Resp: 490135
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 235.621 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

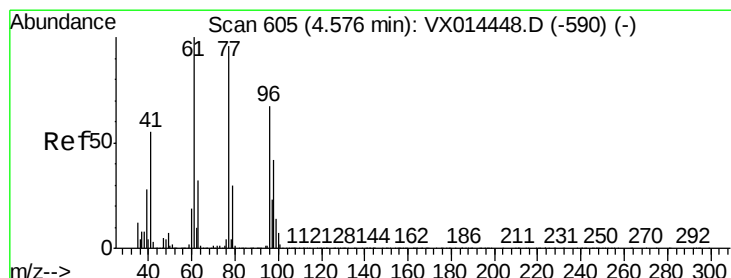
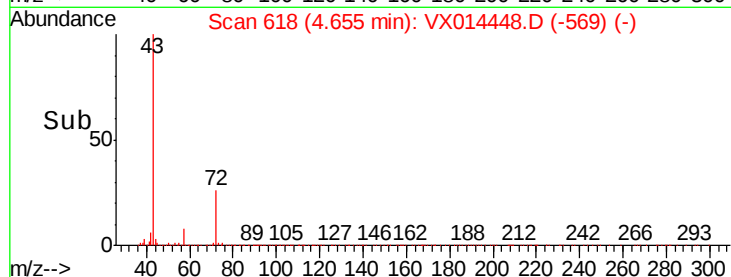
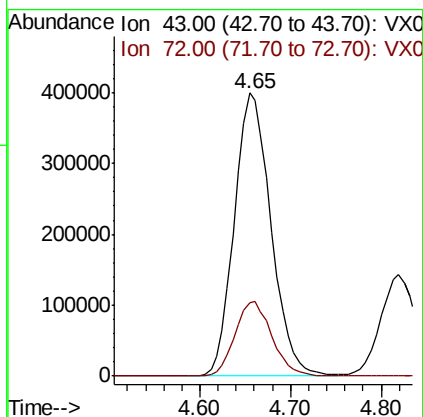
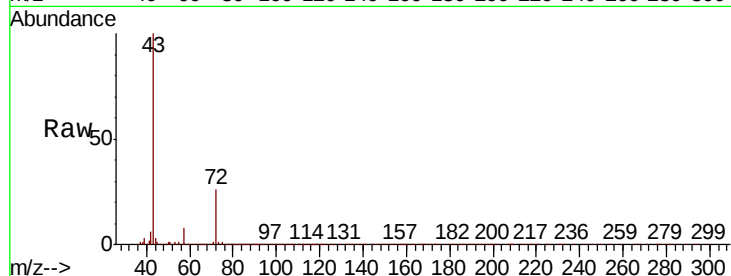
VSTDICCC050

Tot Ion: 43 Resp: 1113579

Ion Ratio Lower Upper

43 100

72 25.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 51.986 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014448.D

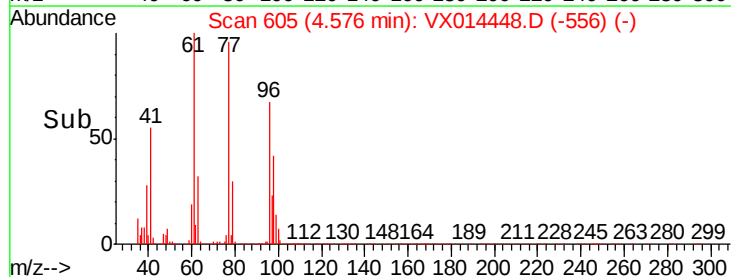
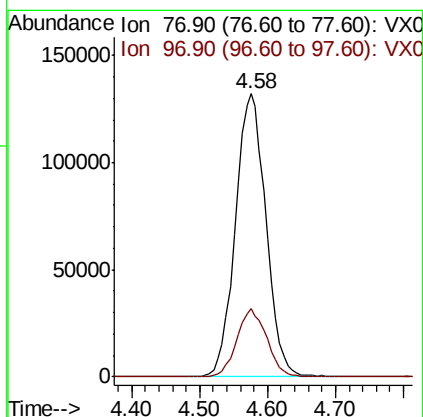
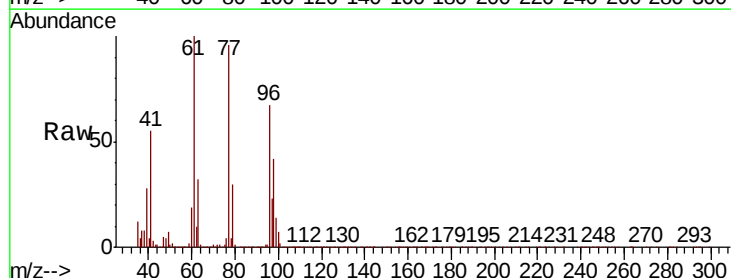
Acq: 07 Jan 2020 14:44

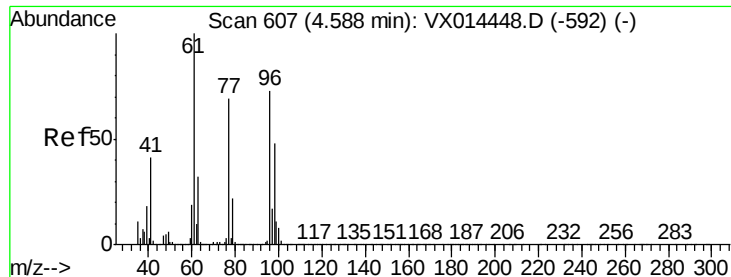
Tgt Ion: 77 Resp: 409882

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



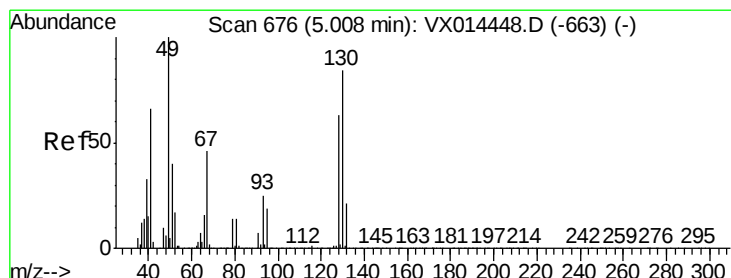
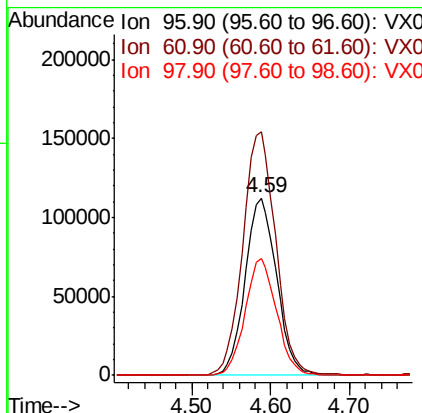
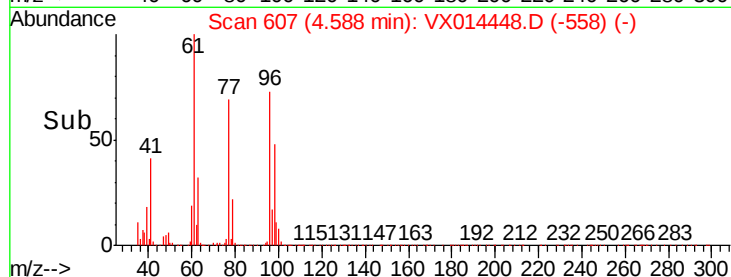
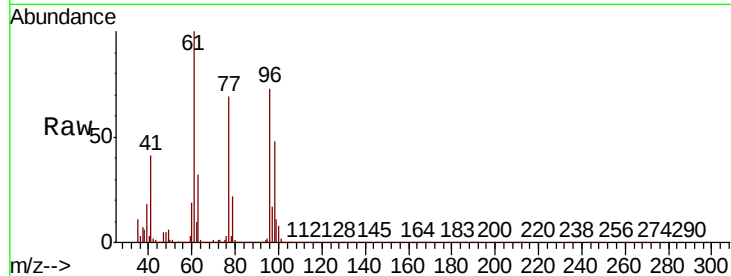


#27

cis-1,2-Dichloroethene
Concen: 49.194 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

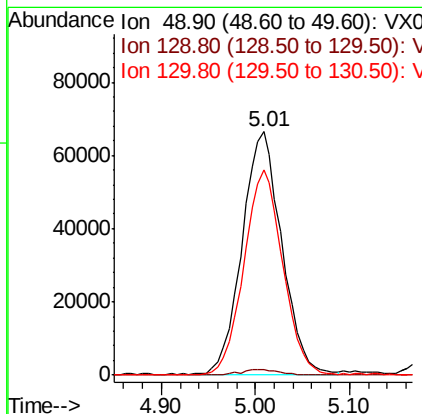
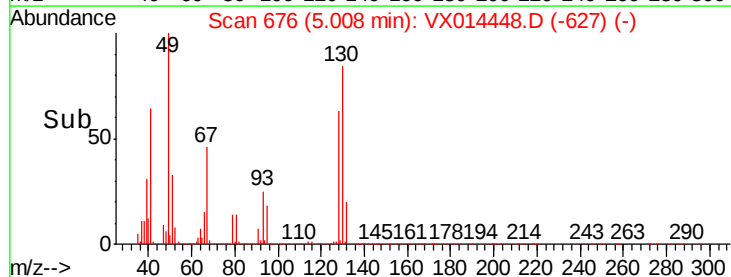
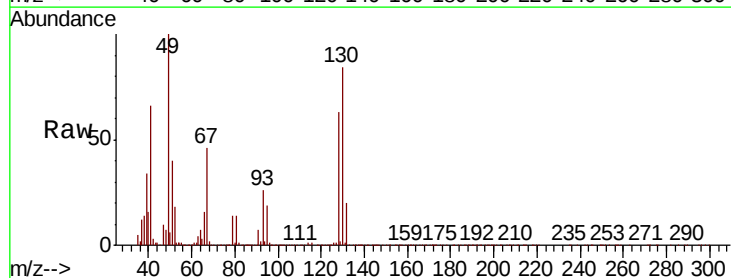
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	285.4
98	65.3	0.0	130.6

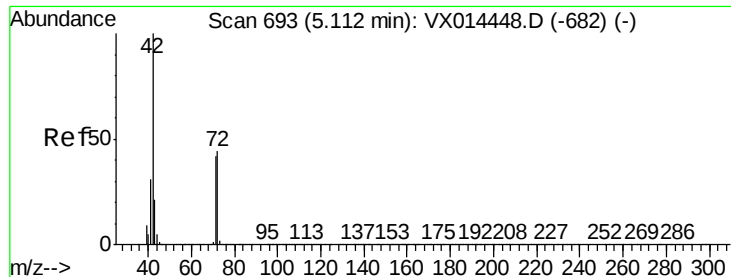


#28

Bromochloromethane
Concen: 55.807 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	83.7	67.0	100.4





#29

Tetrahydrofuran

Concen: 252.044 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

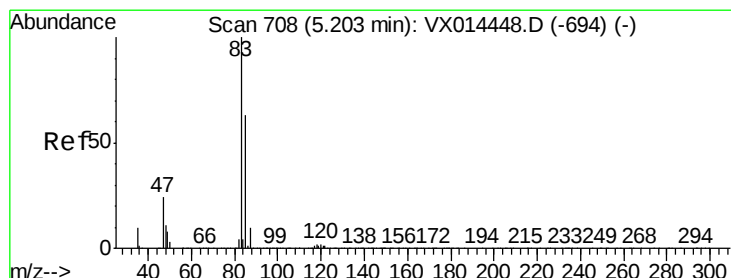
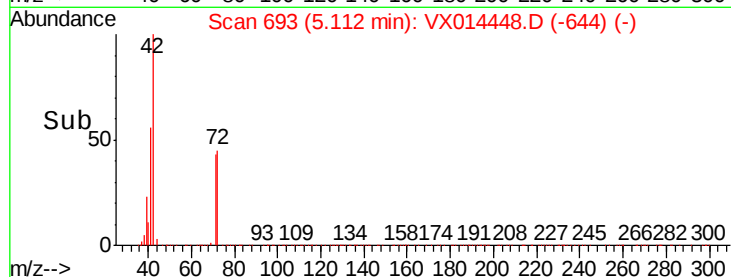
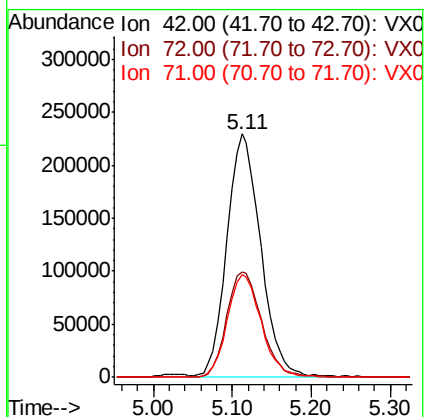
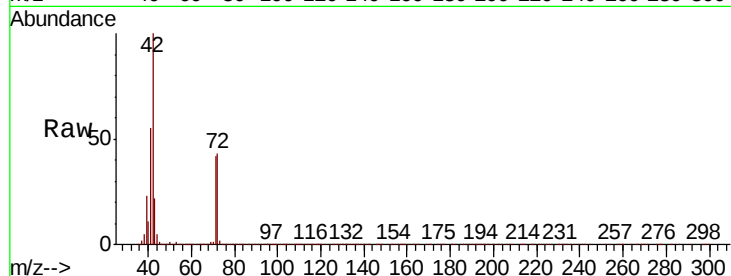
Tot Ion: 42 Resp: 678913

Ion Ratio Lower Upper

42 100

72 45.3 36.2 54.4

71 42.6 34.1 51.1



#30

Chloroform

Concen: 49.829 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014448.D

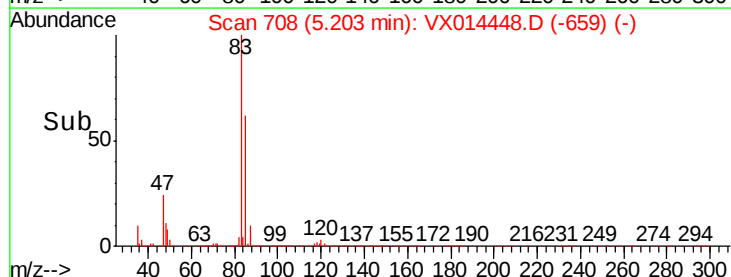
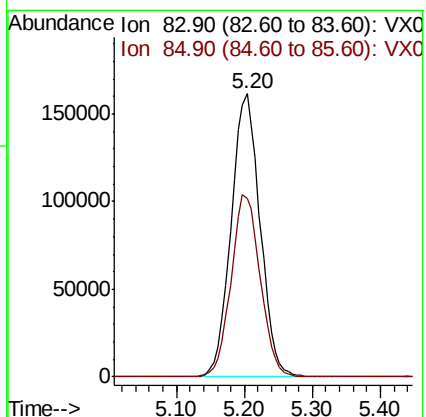
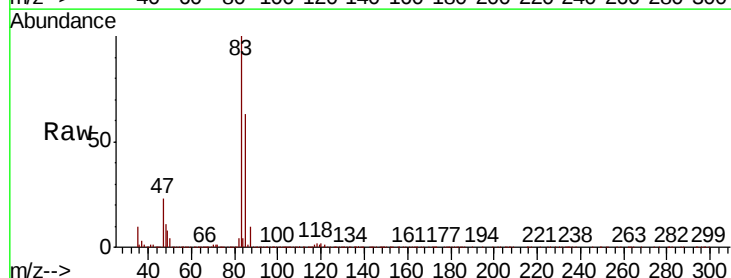
Acq: 07 Jan 2020 14:44

Tgt Ion: 83 Resp: 475509

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8





#31

Cyclohexane

Concen: 52.367 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

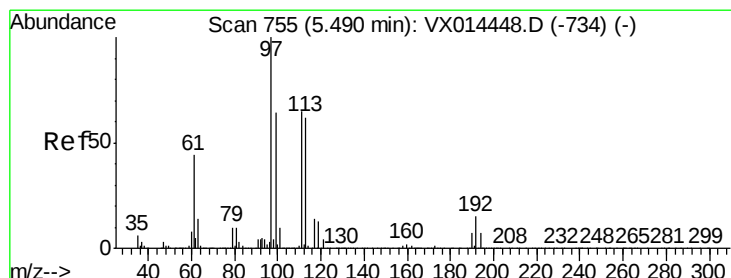
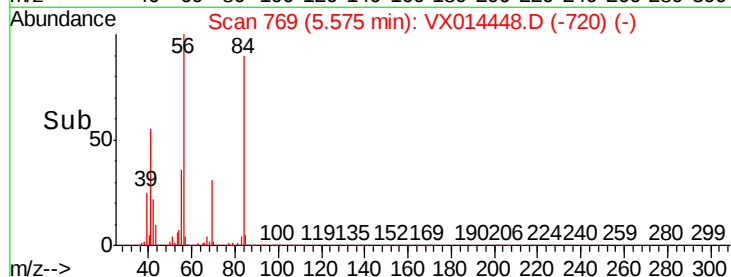
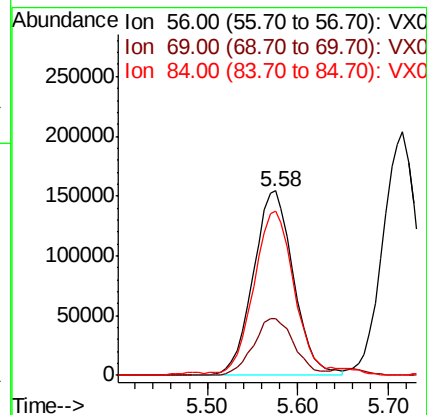
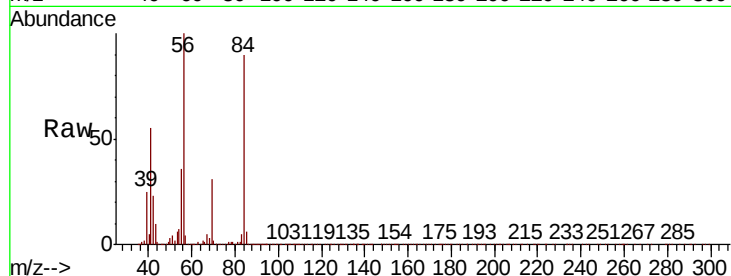
Tot Ion: 56 Resp: 473223

Ion Ratio Lower Upper

56 100

69 30.5 24.4 36.6

84 88.3 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 50.407 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

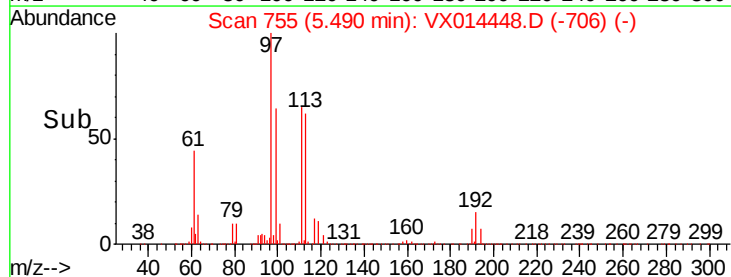
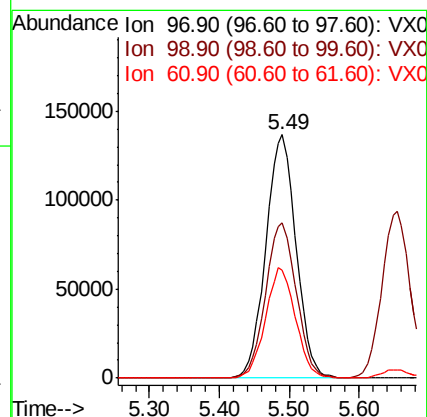
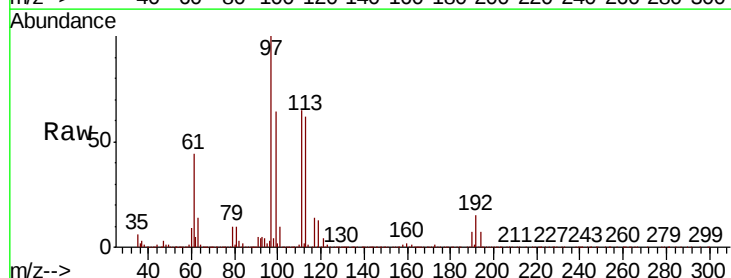
Tgt Ion: 97 Resp: 411475

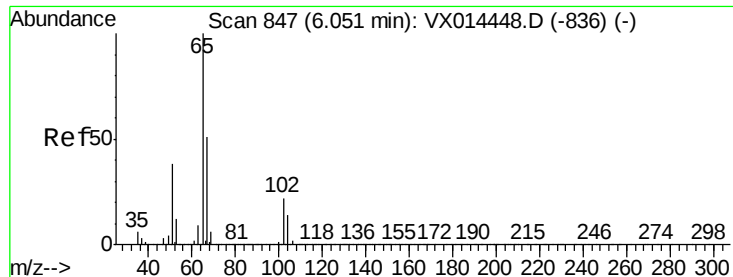
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 44.9 35.9 53.9

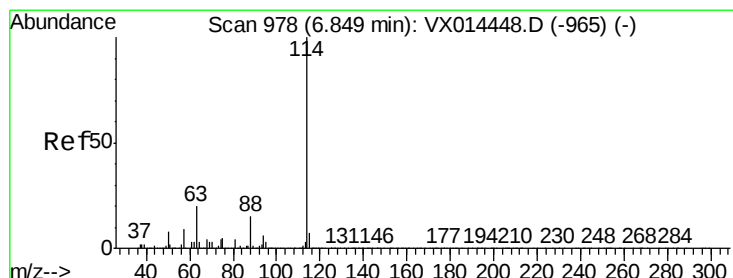
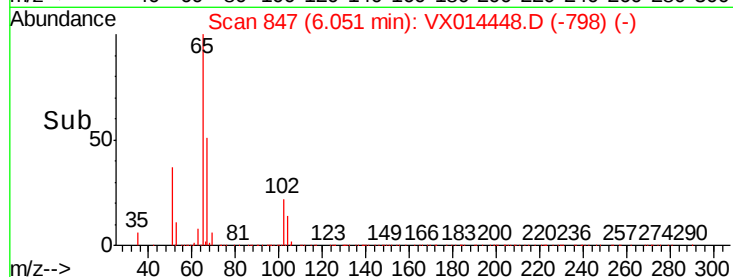
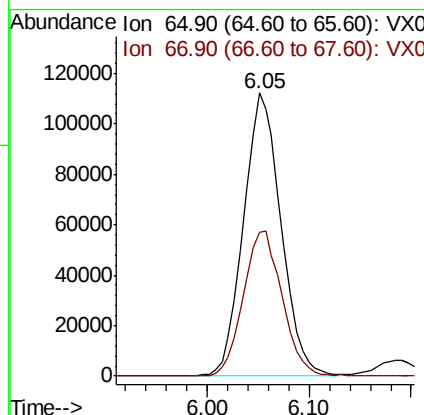
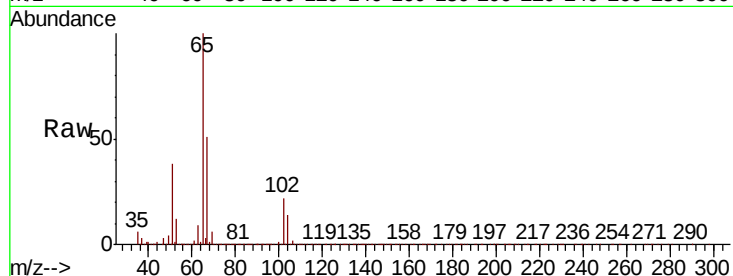




#33
 1,2-Dichloroethane-d4
 Concen: 47.979 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

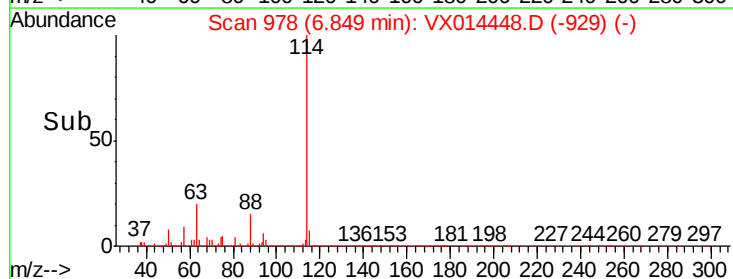
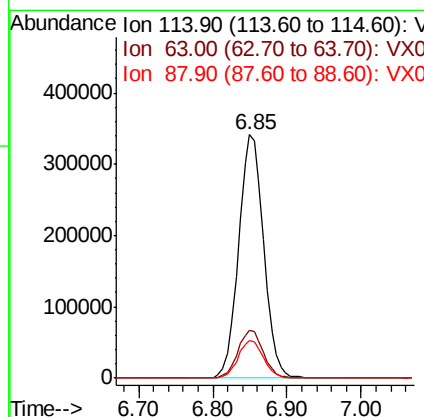
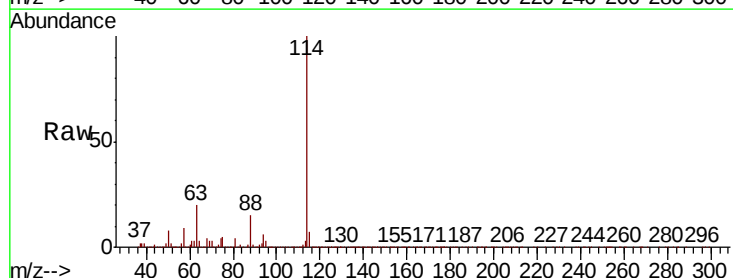
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

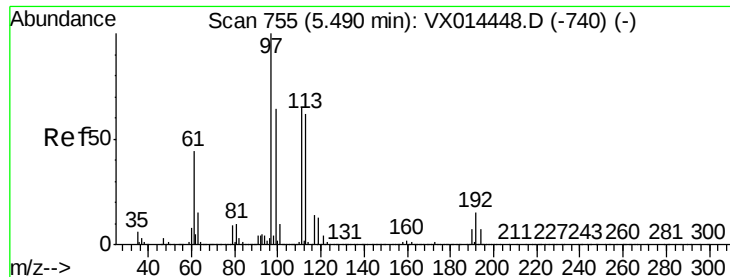
Tot Ion: 65 Resp: 284838
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Tgt Ion: 114 Resp: 806265
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.4 0.0 30.8

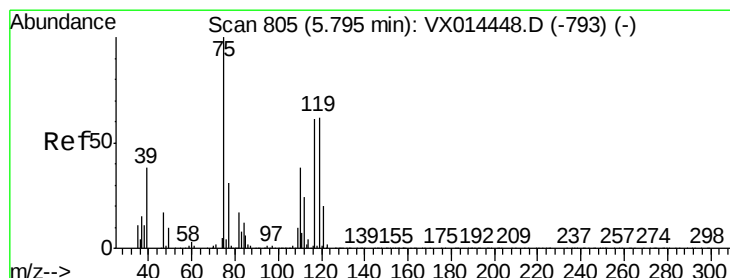
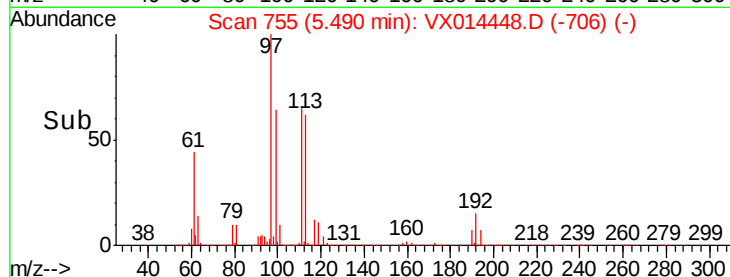
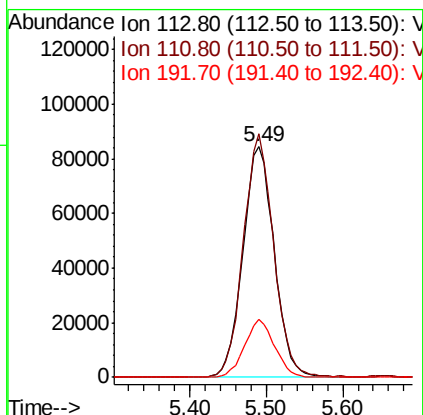
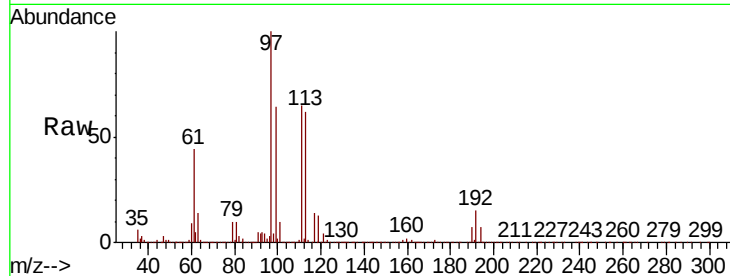




#35
Dibromofluoromethane
Concen: 49.191 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

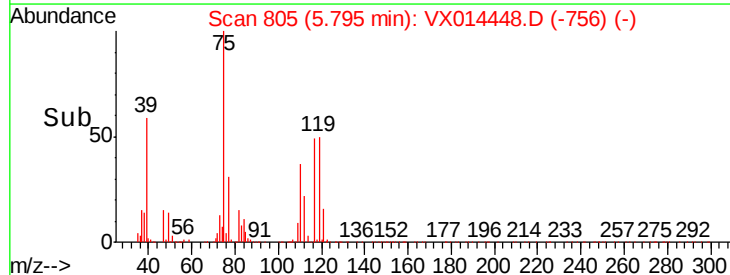
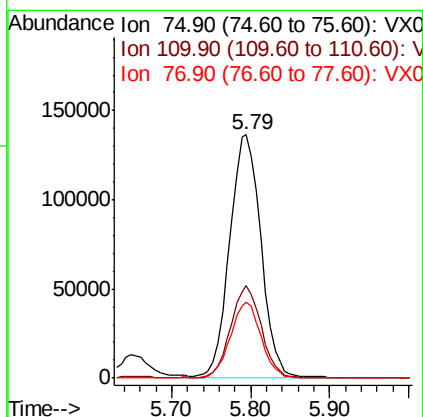
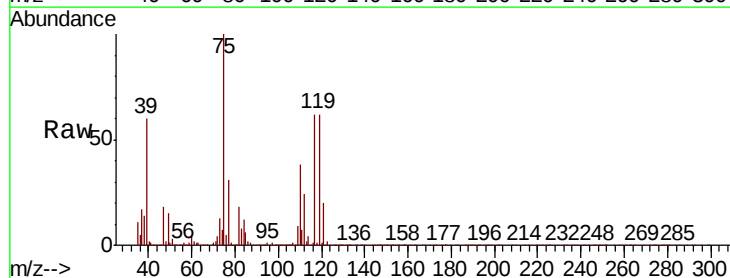
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

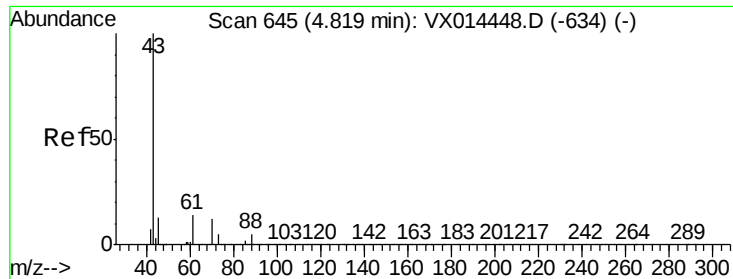
Tot Ion:113 Resp: 240728
Ion Ratio Lower Upper
113 100
111 101.9 81.5 122.3
192 24.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 50.215 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion: 75 Resp: 374682
Ion Ratio Lower Upper
75 100
110 37.2 18.6 55.8
77 30.6 24.5 36.7

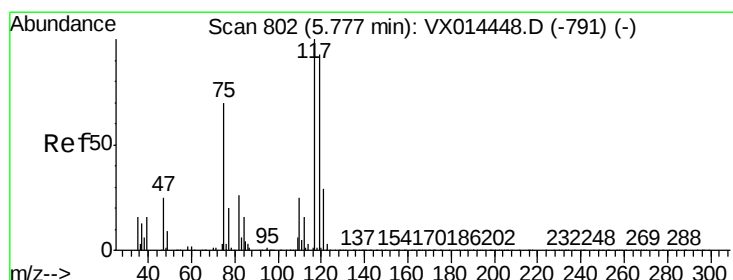
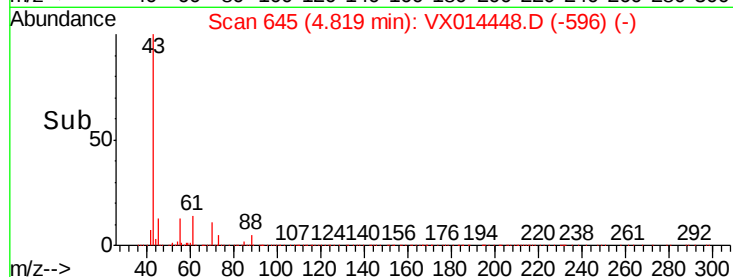
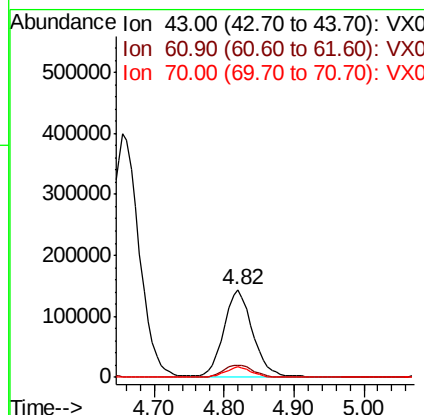
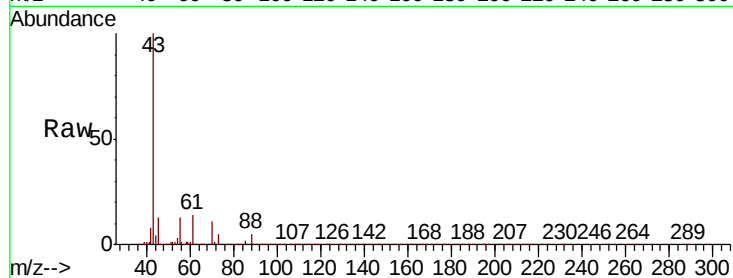




#37
Ethyl Acetate
Concen: 50.352 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

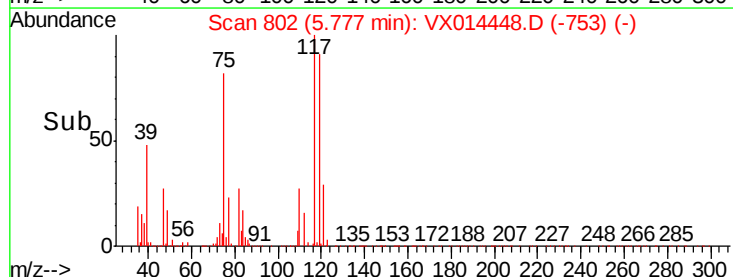
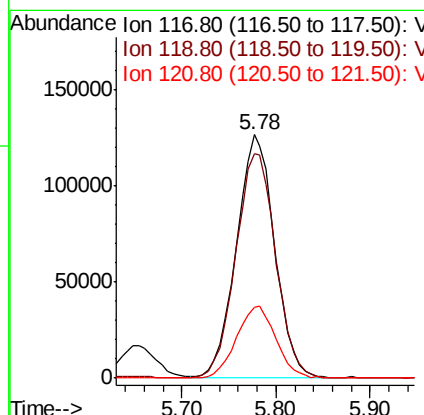
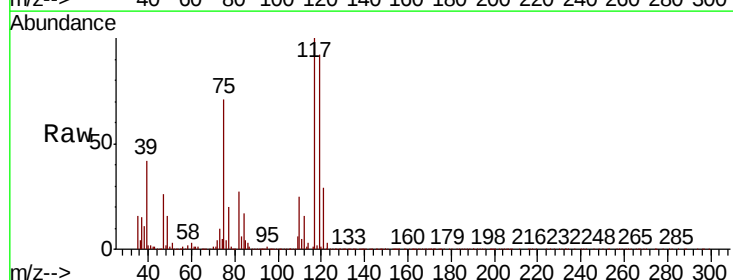
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

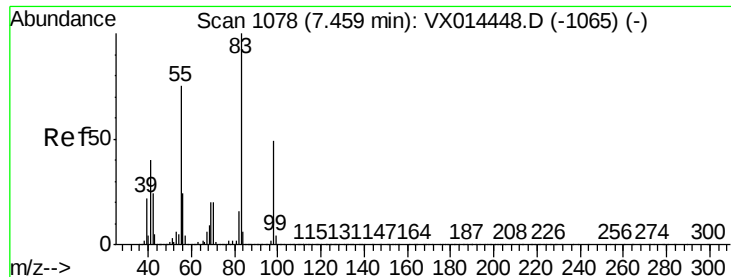
Tot Ion: 43 Resp: 412615
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.570 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion: 117 Resp: 357949
Ion Ratio Lower Upper
117 100
119 92.3 73.8 110.8
121 29.2 23.4 35.0

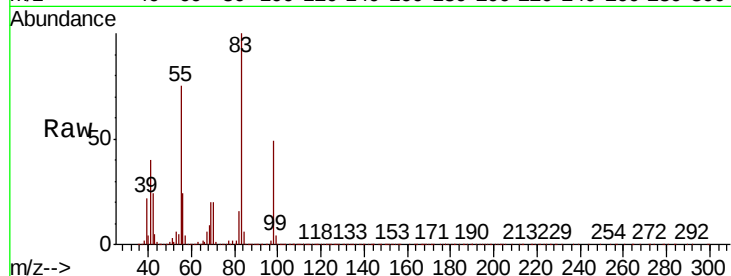




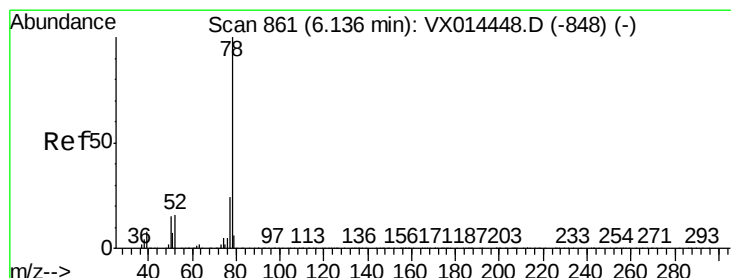
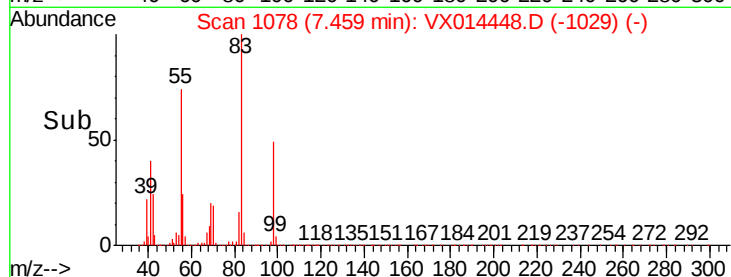
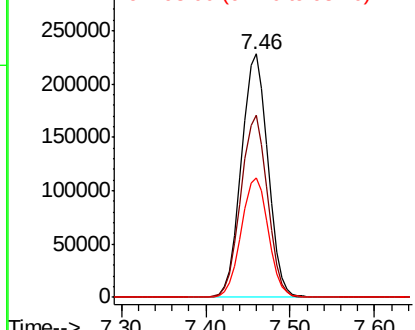
#39
Methvlcvclohexane
Concen: 52.210 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	484309
Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.7	89.5
98	48.9	39.1	58.7

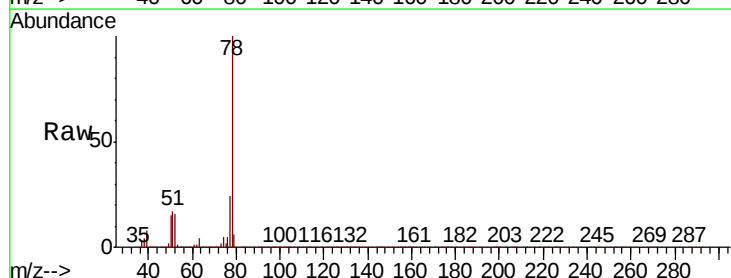


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

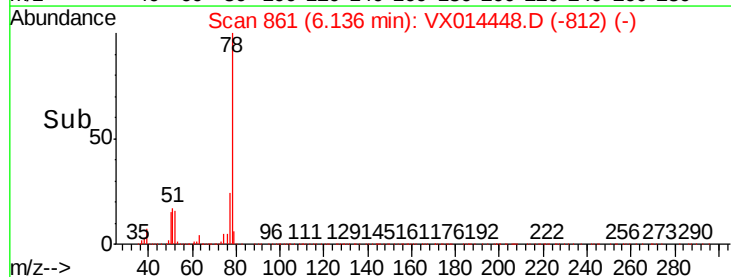
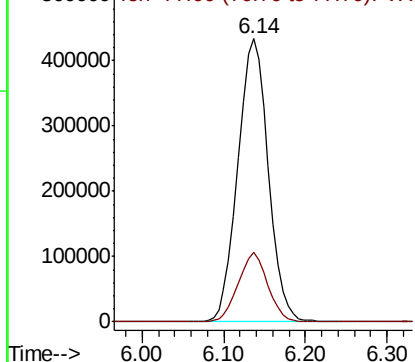


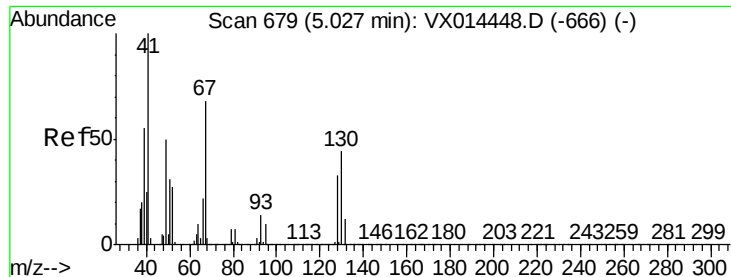
#40
Benzene
Concen: 49.157 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion	78	Resp	1124418
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3



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

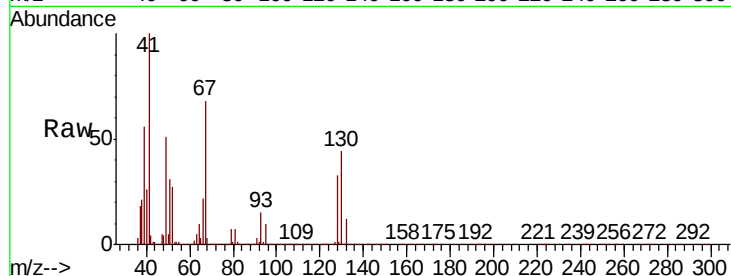




#41
Methacrylonitrile
Concen: 49.434 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	225322
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.6	65.4
67	72.4	57.9	86.9
52	28.8	23.0	34.6



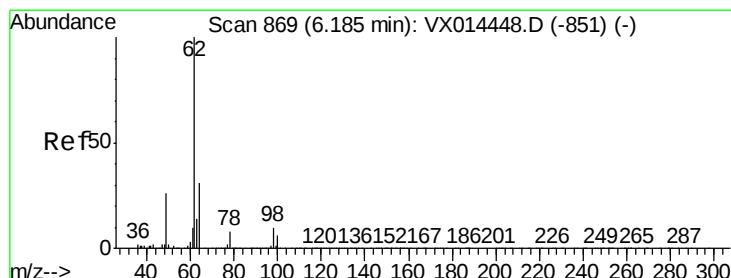
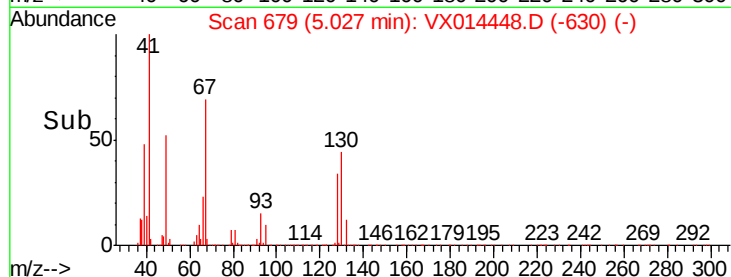
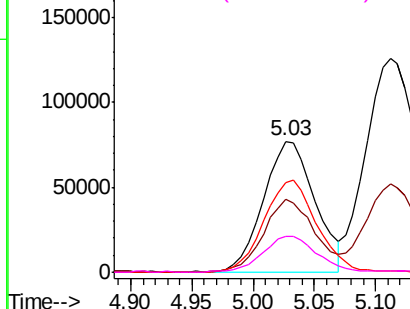
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

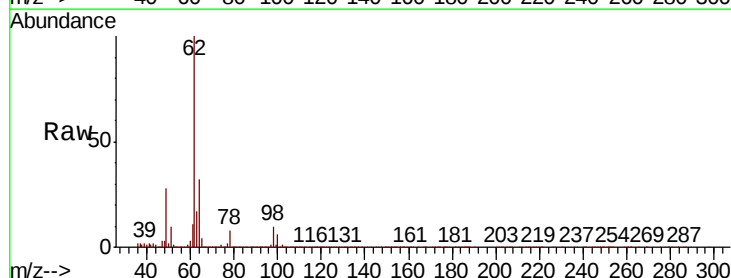
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.263 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

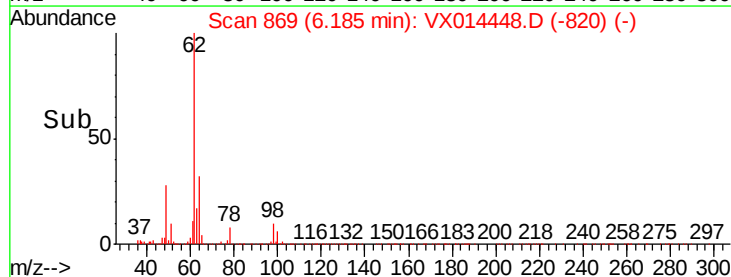
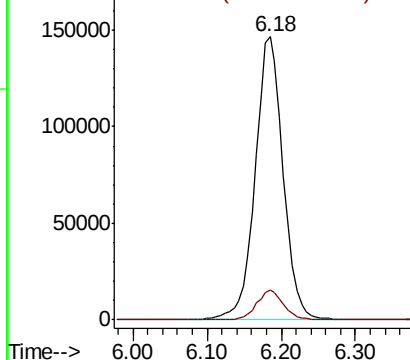
Tgt Ion:	62	Resp:	382049
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

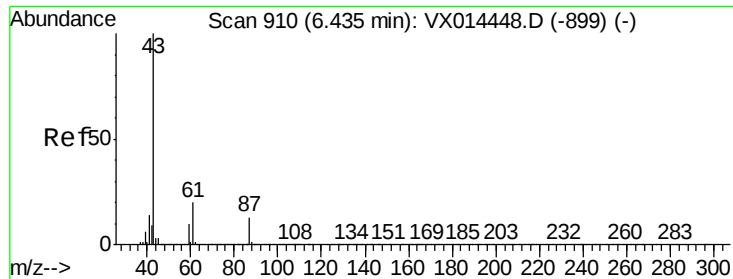


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



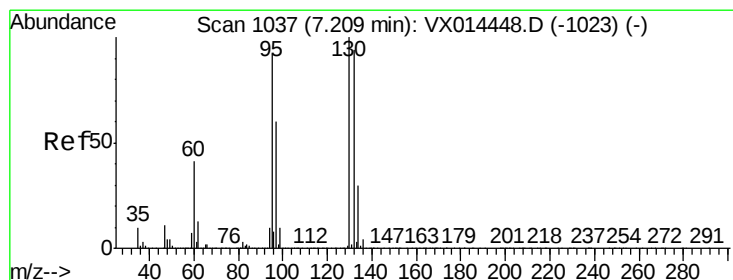
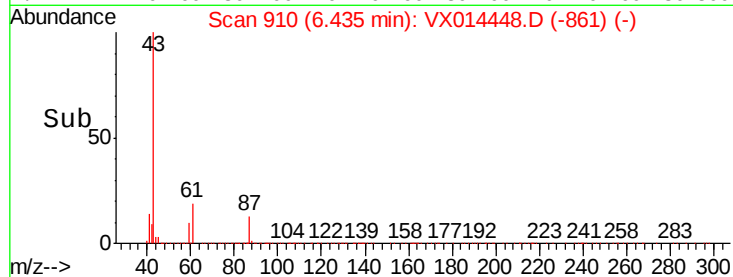
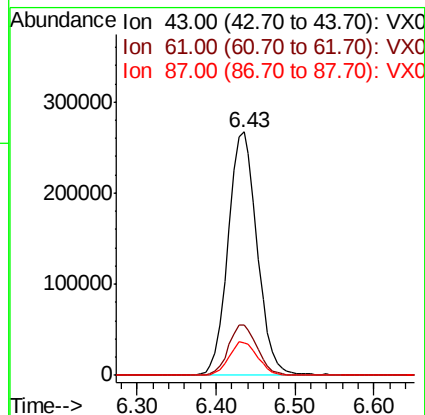
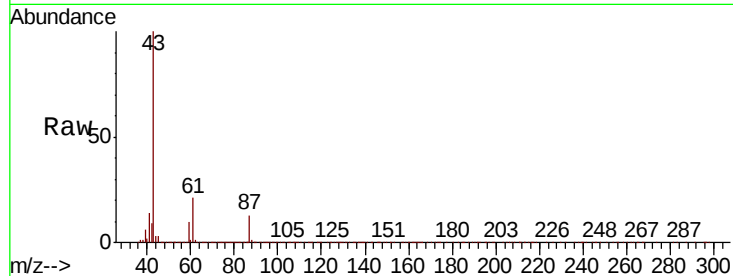


#43

Isopropyl Acetate
 Concen: 50.034 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

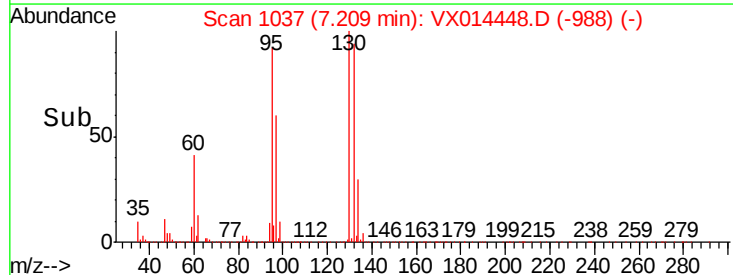
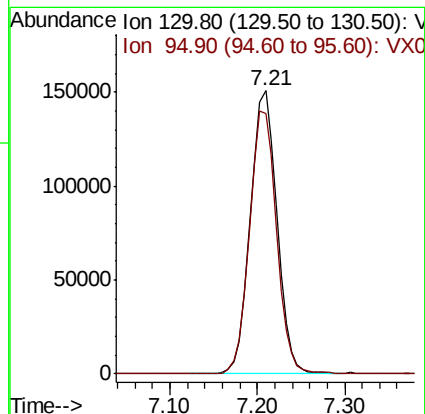
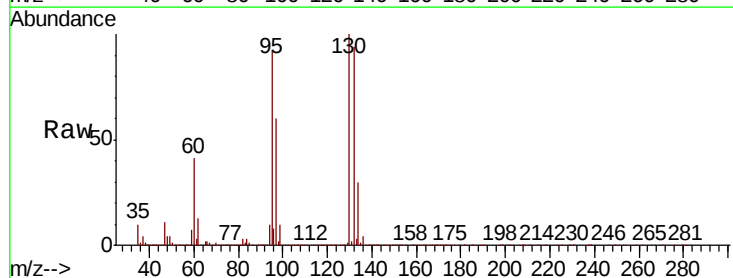
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.6	24.8
87	13.5	10.8	16.2

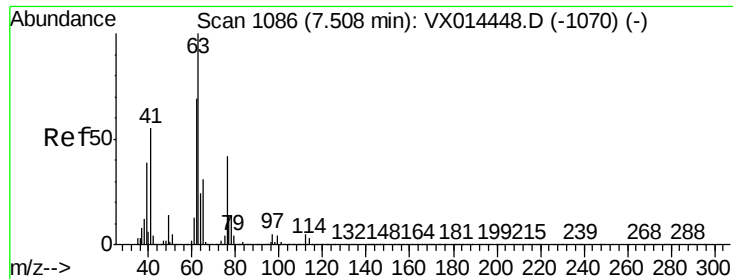


#44

Trichloroethene
 Concen: 50.133 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	184.2





#45

1,2-Dichloropropane

Concen: 49.302 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

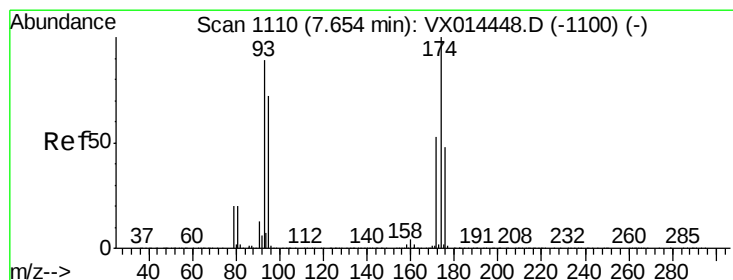
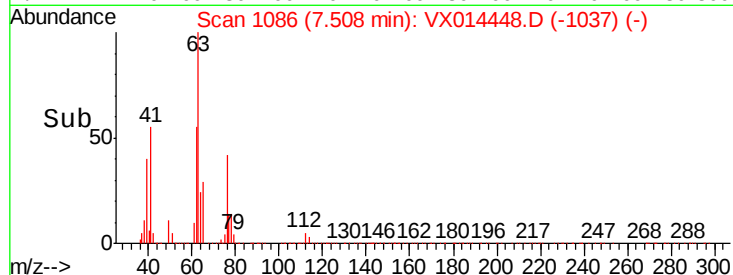
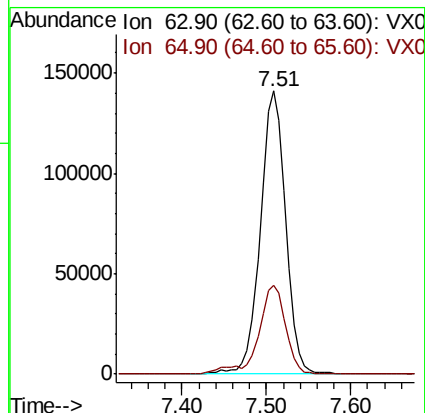
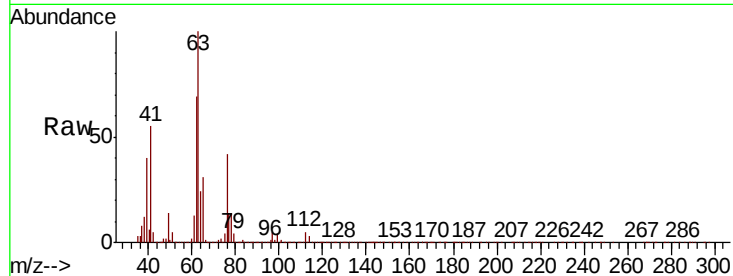
VSTDICCC050

Tot Ion: 63 Resp: 288964

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 49.149 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

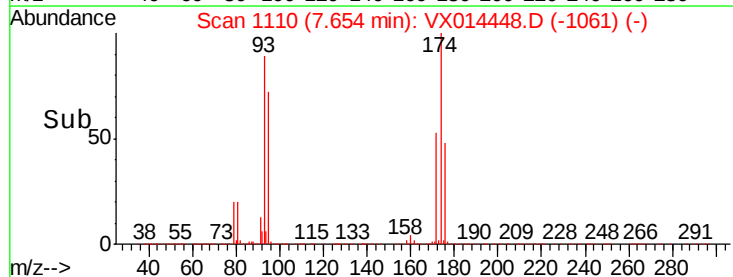
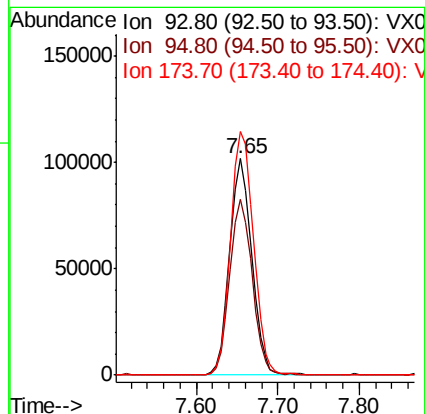
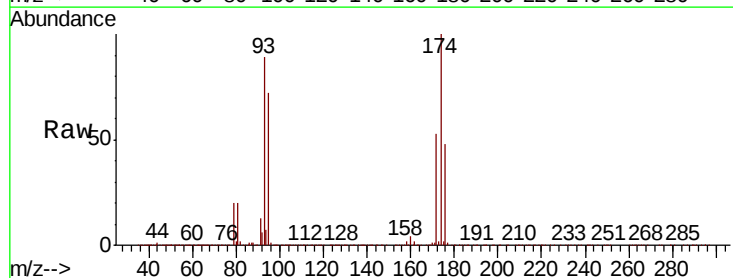
Tgt Ion: 93 Resp: 191111

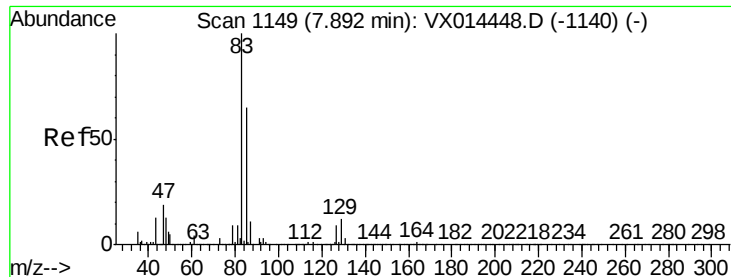
Ion Ratio Lower Upper

93 100

95 81.8 65.4 98.2

174 116.2 93.0 139.4





#47

Bromodichloromethane

Concen: 51.007 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

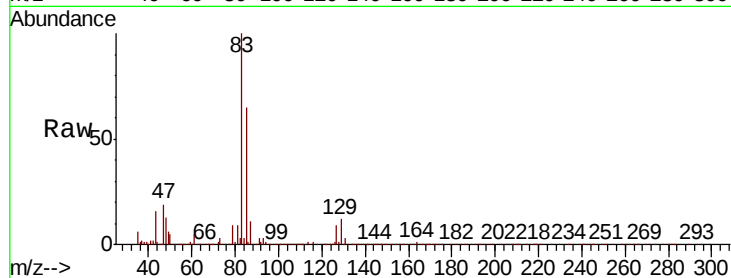
Tot Ion: 83 Resp: 373076

Ion Ratio Lower Upper

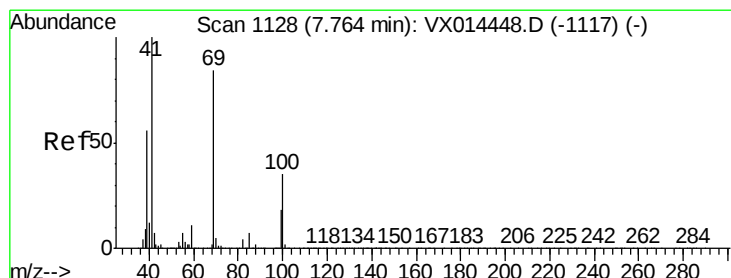
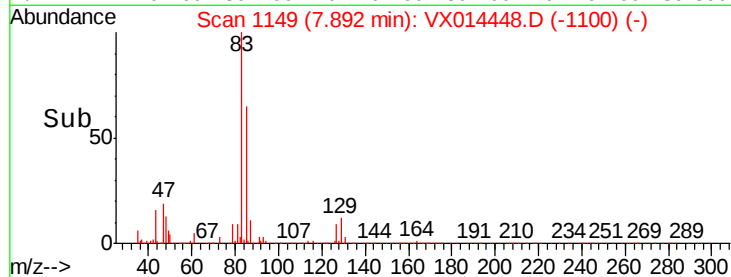
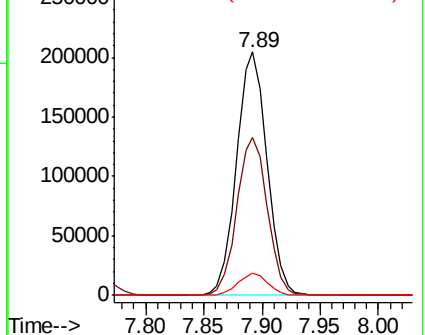
83 100

85 64.6 51.7 77.5

127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.430 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

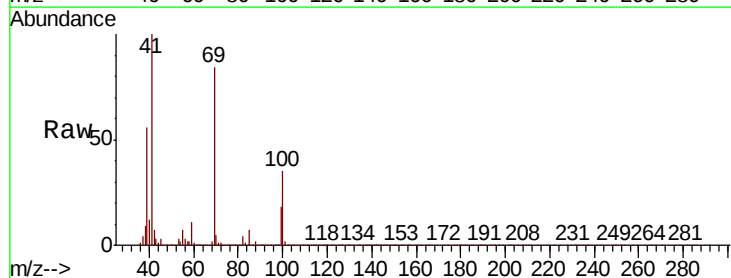
Tgt Ion: 41 Resp: 335188

Ion Ratio Lower Upper

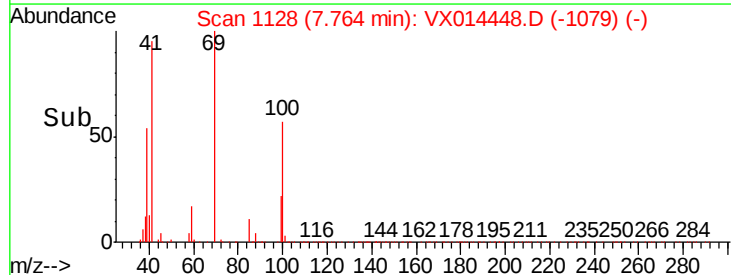
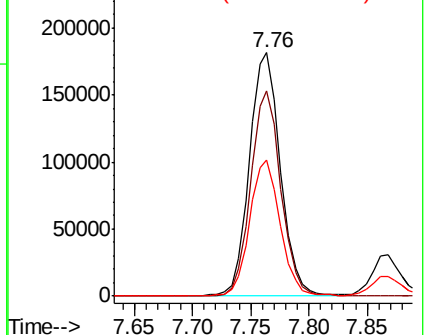
41 100

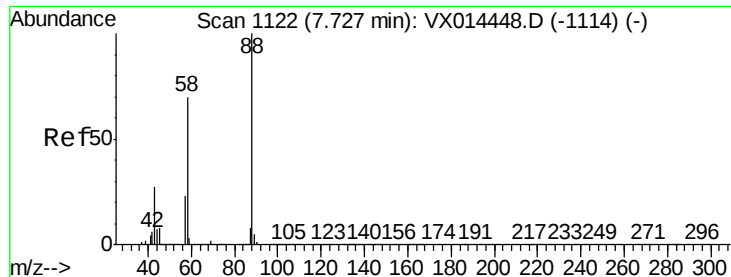
69 81.9 65.5 98.3

39 54.9 43.9 65.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 996.353 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

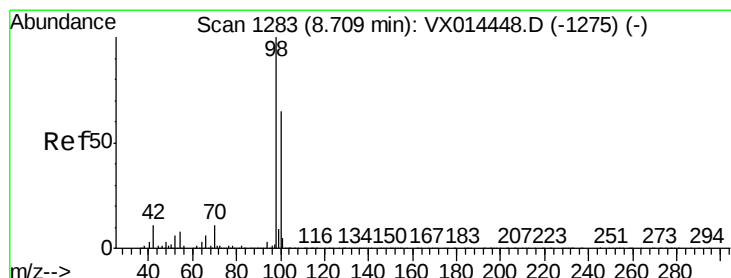
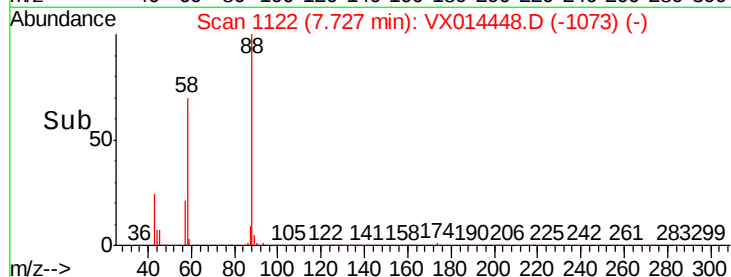
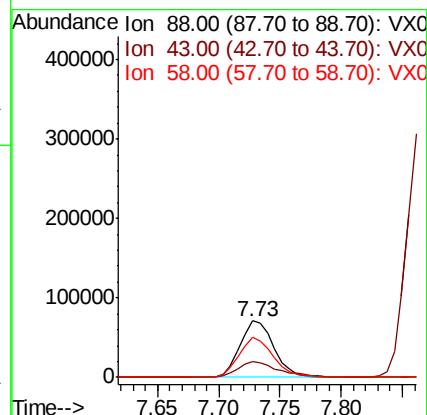
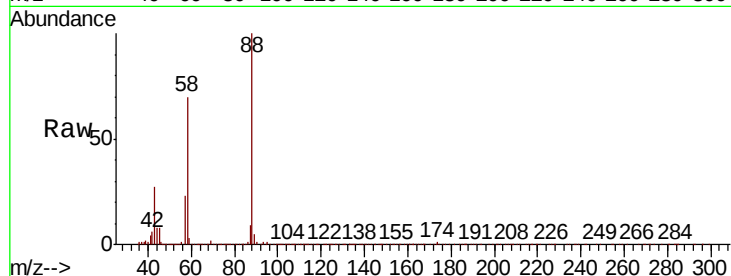
Tot Ion: 88 Resp: 135693

Ion Ratio Lower Upper

88 100

43 34.2 27.4 41.0

58 71.4 57.1 85.7



#50

Toluene-d8

Concen: 49.101 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014448.D

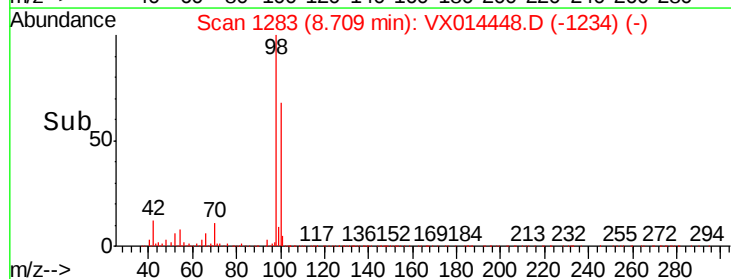
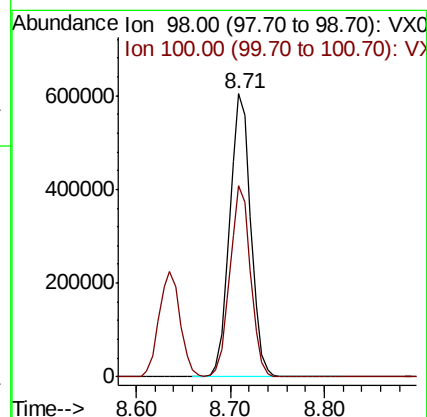
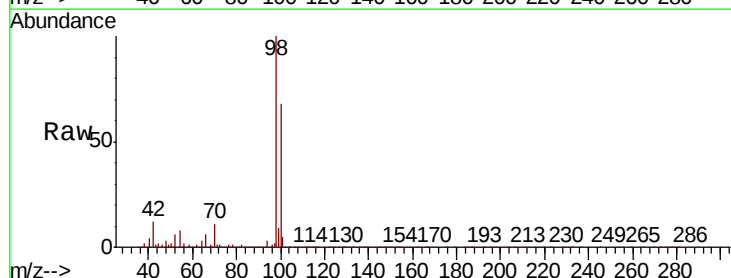
Acq: 07 Jan 2020 14:44

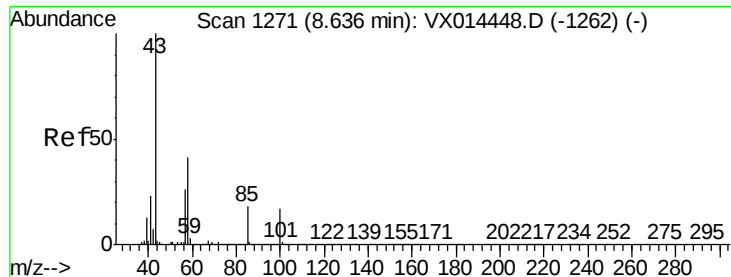
Tgt Ion: 98 Resp: 931265

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8

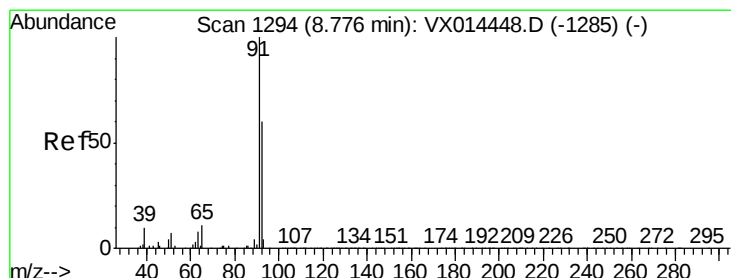
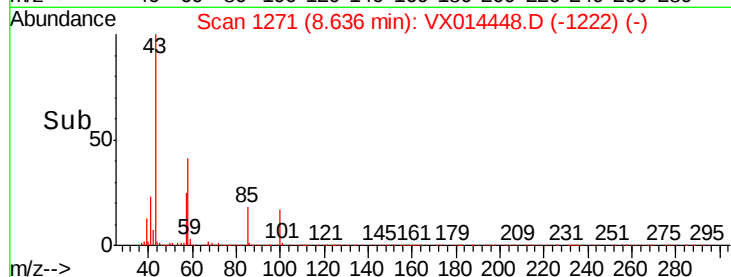
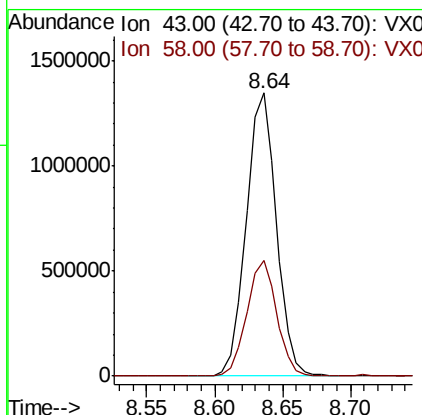
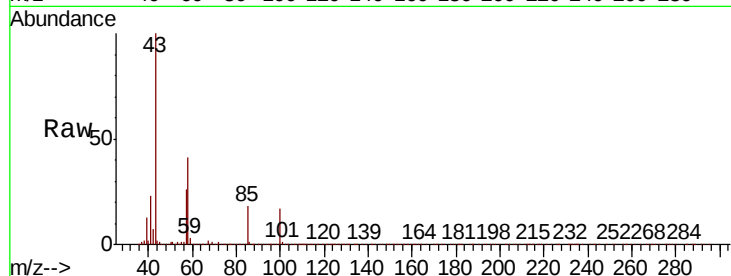




#51
 4-Methyl-2-Pentanone
 Concen: 246.138 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

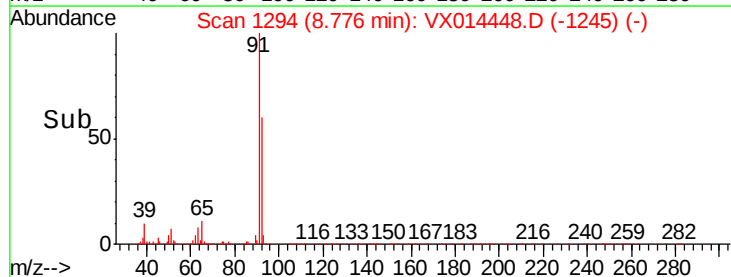
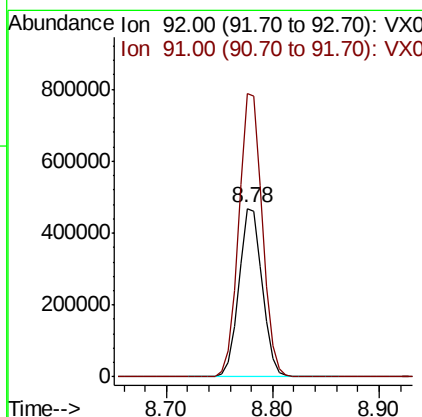
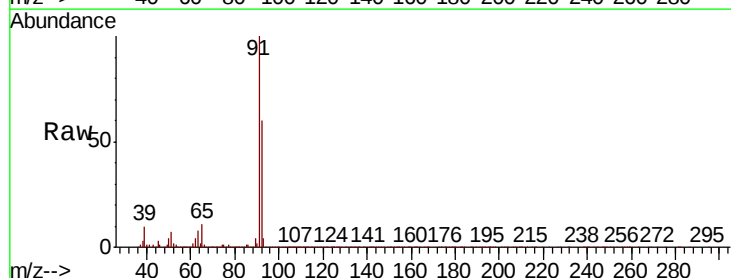
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 2092491
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.4 48.6



#52
 Toluene
 Concen: 49.762 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Tgt Ion: 92 Resp: 720834
 Ion Ratio Lower Upper
 92 100
 91 169.6 135.7 203.5

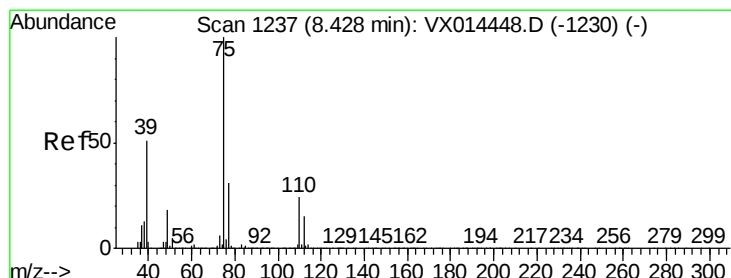
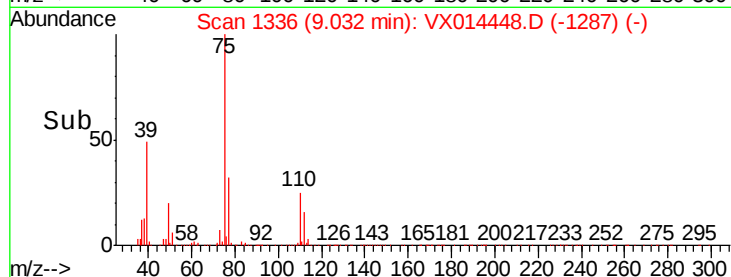
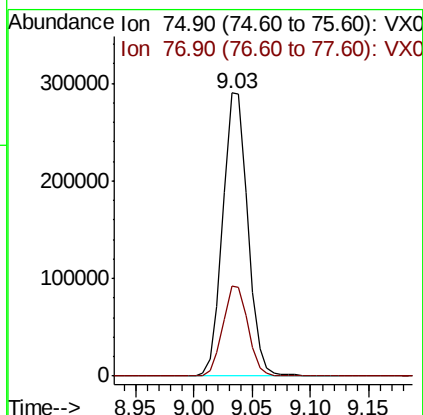
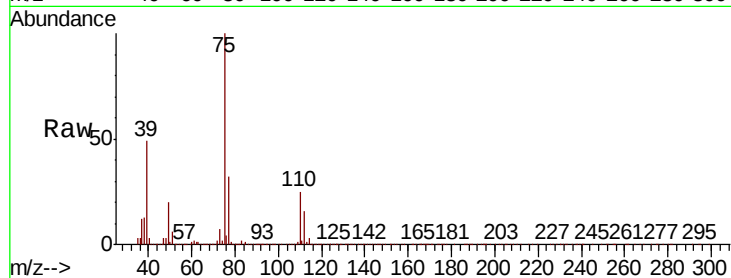




#53
t-1,3-Dichloropropene
Concen: 53.524 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

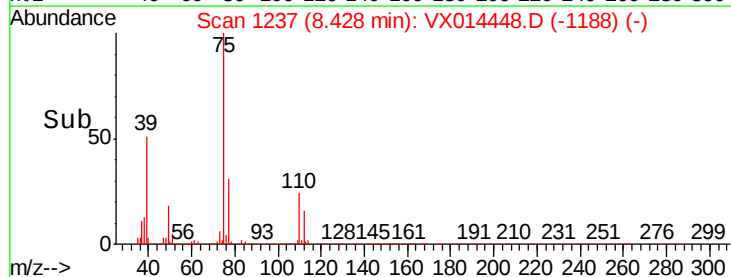
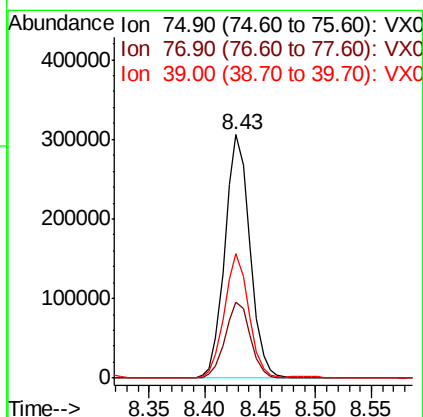
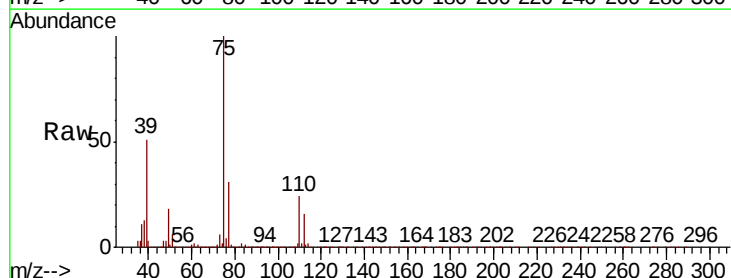
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

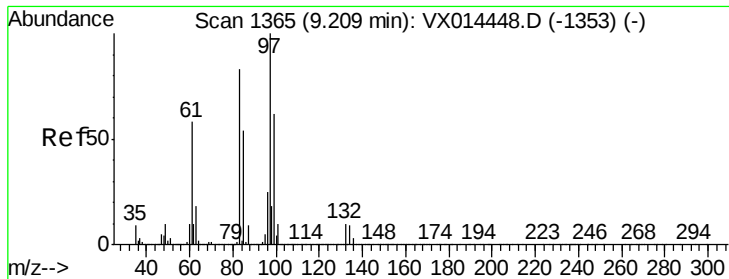
Tot Ion: 75 Resp: 430055
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.126 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion: 75 Resp: 475482
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 50.9 40.7 61.1

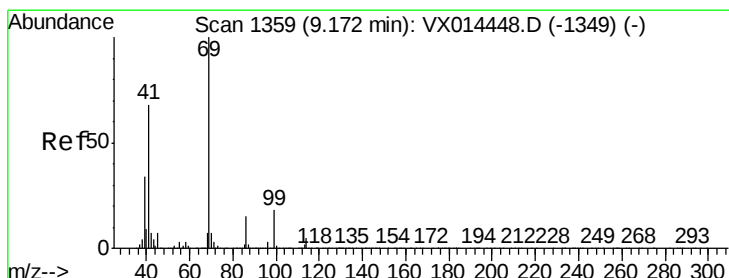
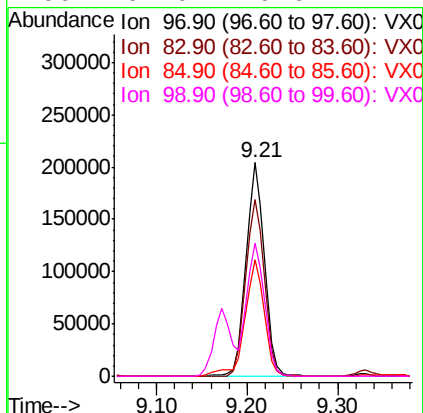
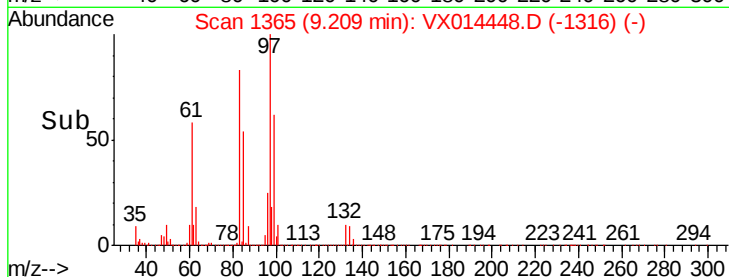
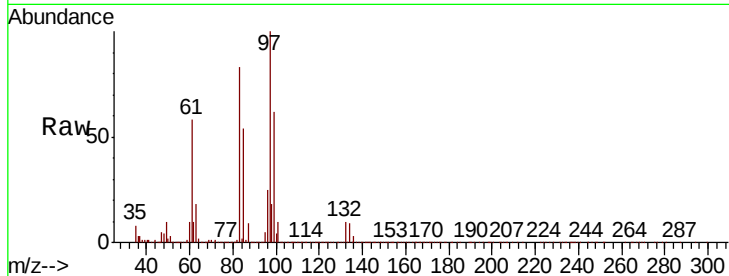




#55
 1,1,2-Trichloroethane
 Concen: 49.513 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

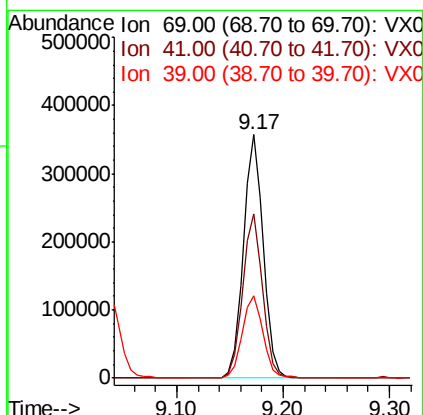
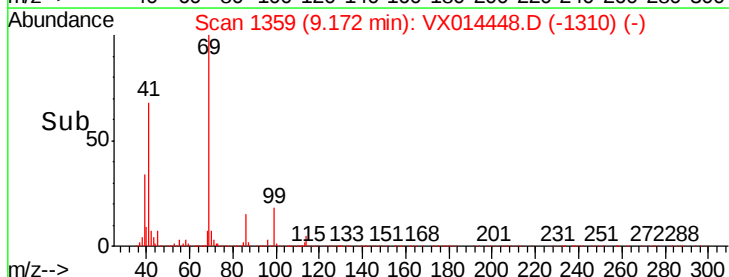
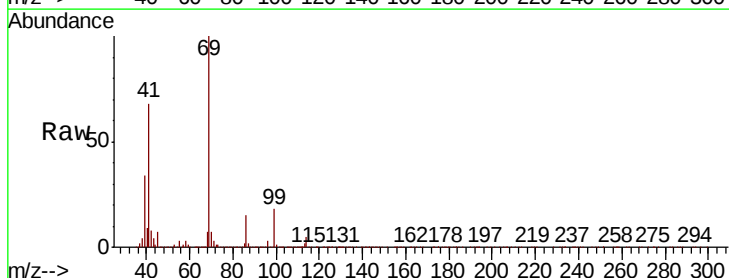
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

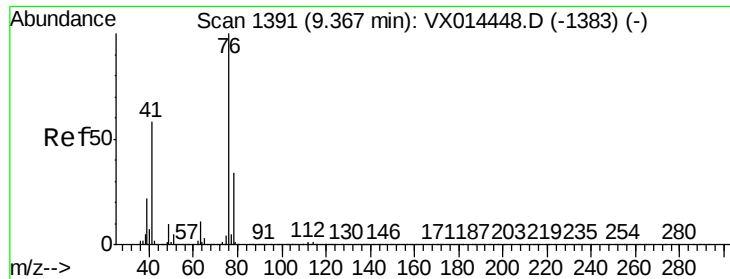
Tot Ion:	97	Resp:	287027
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.4	99.6
85	54.3	43.4	65.2
99	62.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 51.416 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Tgt Ion:	69	Resp:	467065
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.2	81.2
39	35.2	28.2	42.2





#57

1,3-Dichloropropane

Concen: 49.132 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

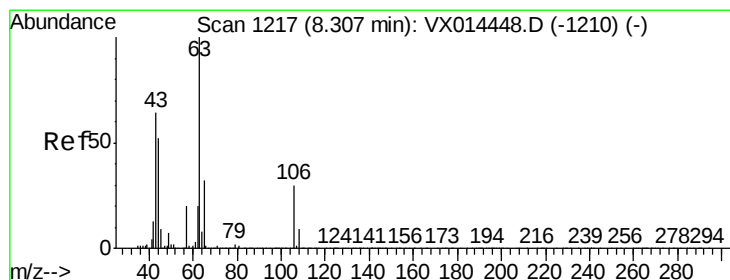
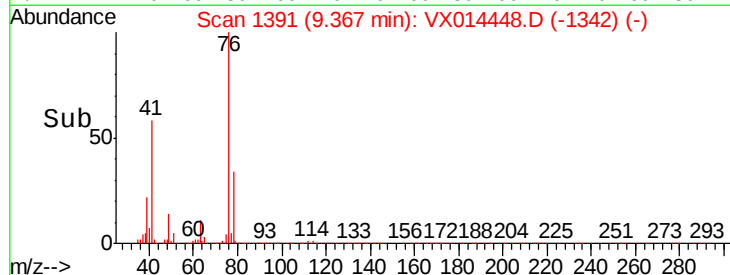
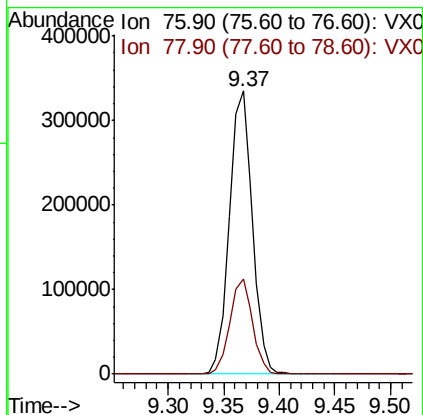
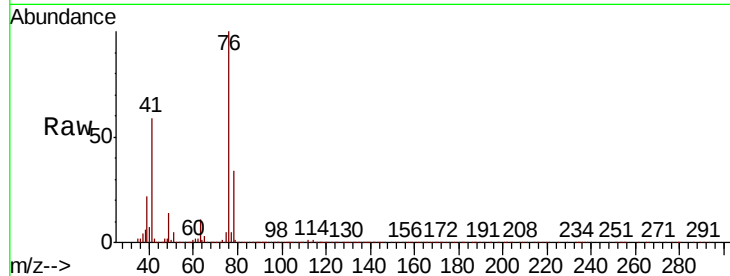
VSTDICCC050

Tot Ion: 76 Resp: 477159

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 232.976 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014448.D

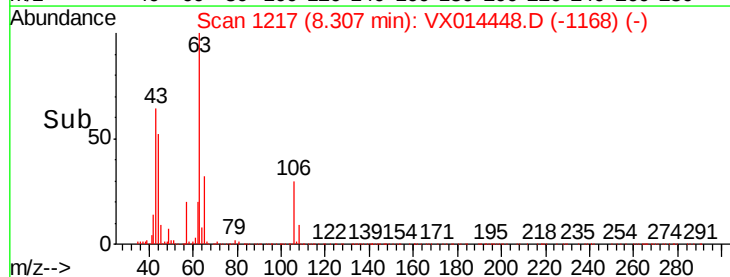
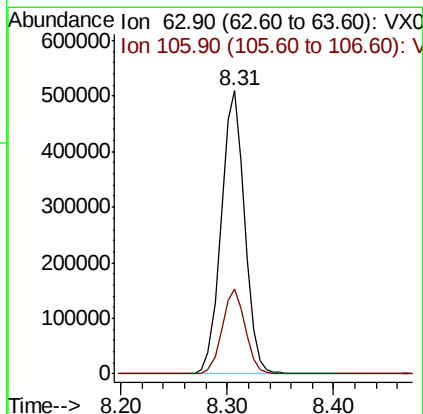
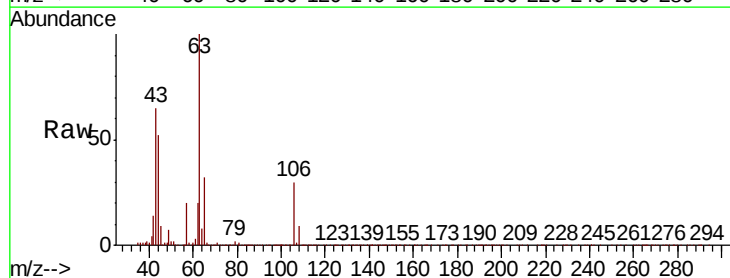
Acq: 07 Jan 2020 14:44

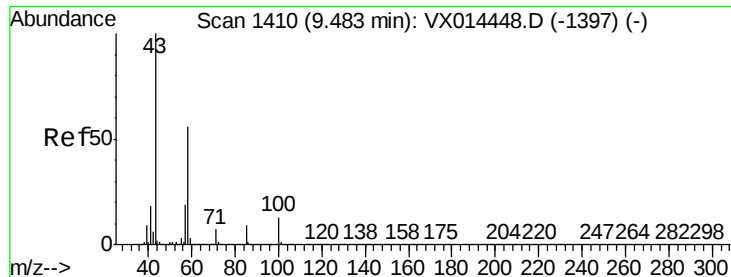
Tgt Ion: 63 Resp: 781535

Ion Ratio Lower Upper

63 100

106 29.5 23.6 35.4

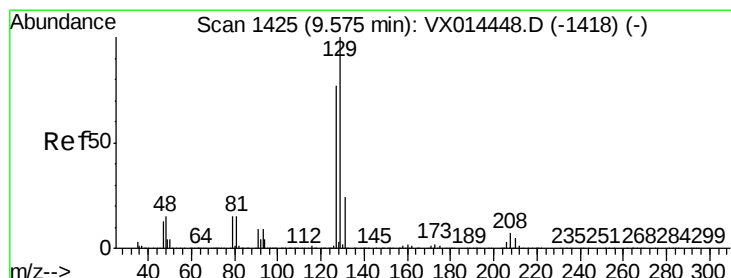
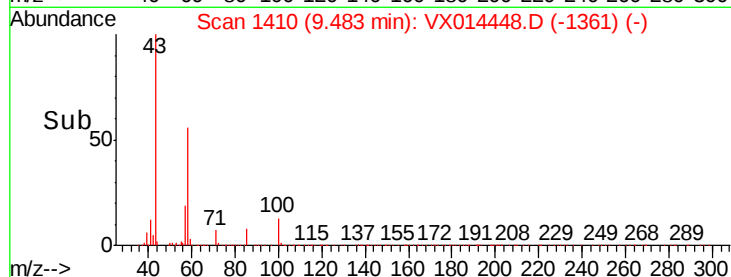
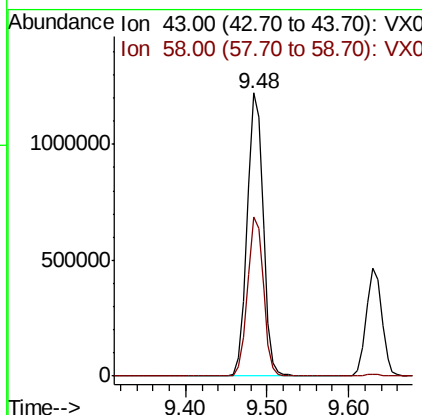
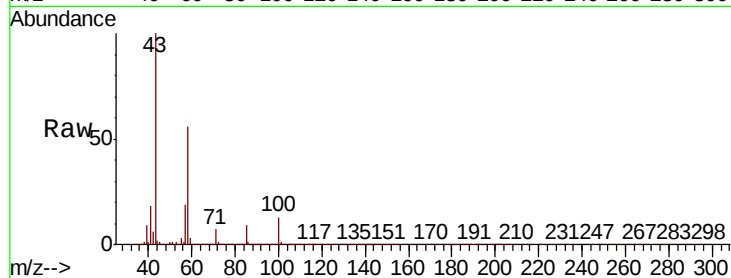




#59
2-Hexanone
Concen: 244.755 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

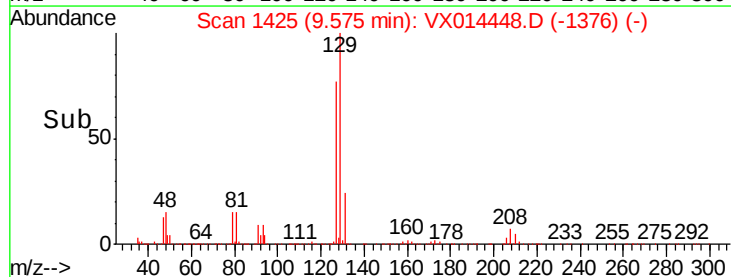
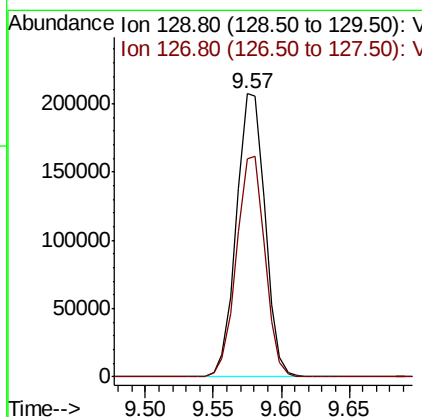
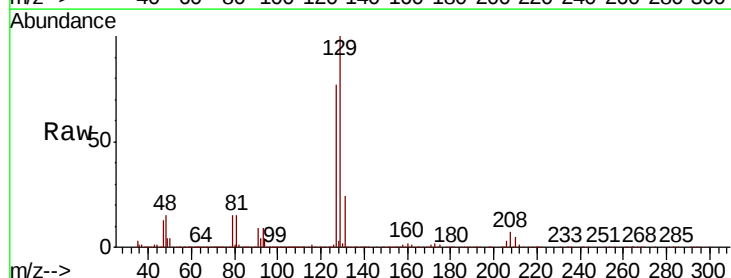
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

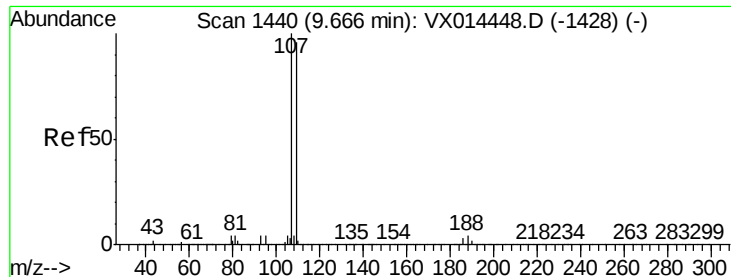
Tot Ion: 43 Resp: 1664151
Ion Ratio Lower Upper
43 100
58 55.8 27.9 83.7



#60
Dibromochloromethane
Concen: 52.768 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion: 129 Resp: 304812
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.699 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

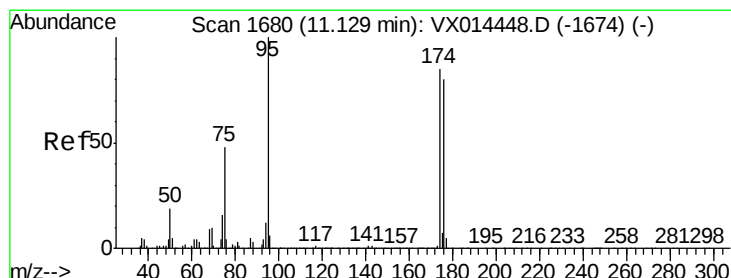
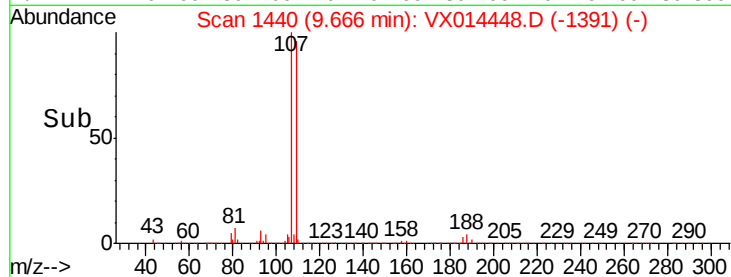
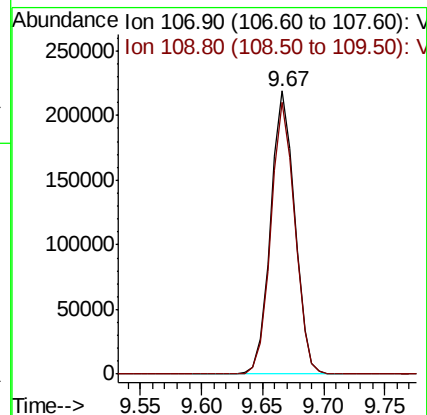
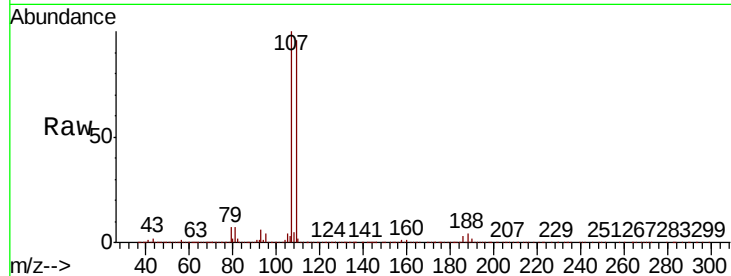
VSTDICCC050

Tot Ion: 107 Resp: 300712

Ion Ratio Lower Upper

107 100

109 95.6 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 48.987 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

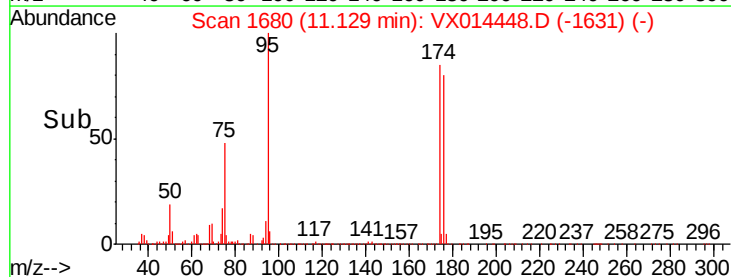
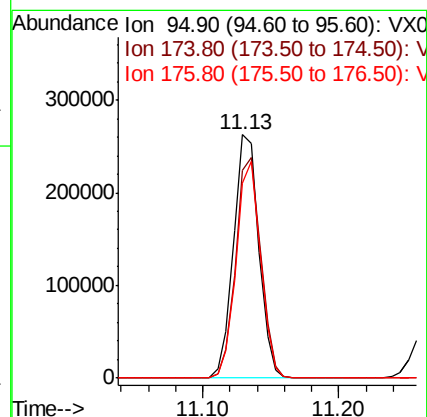
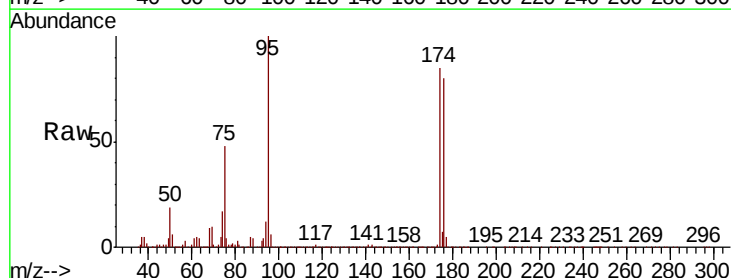
Tgt Ion: 95 Resp: 339687

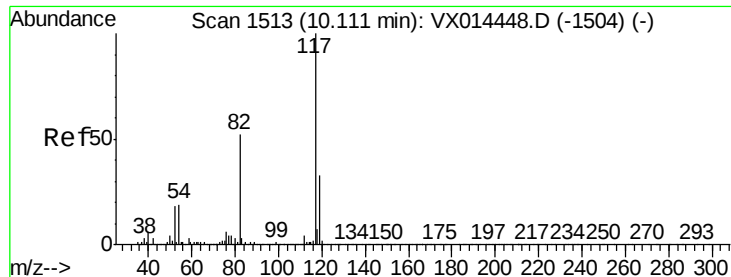
Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.8

176 86.4 0.0 172.8

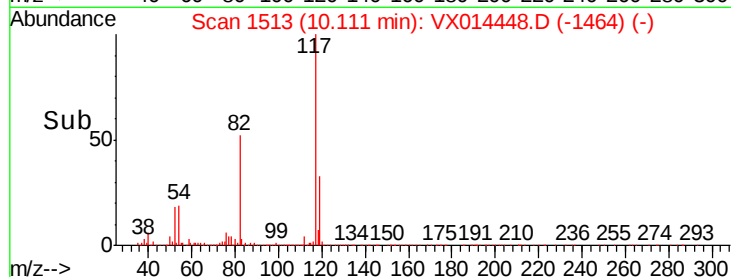
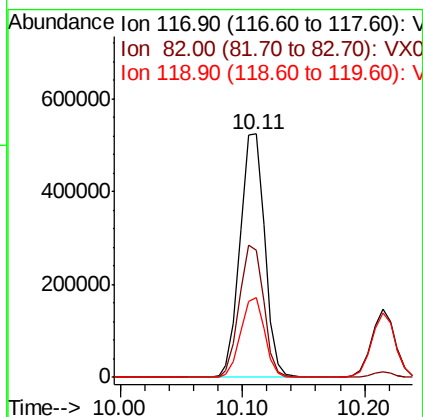
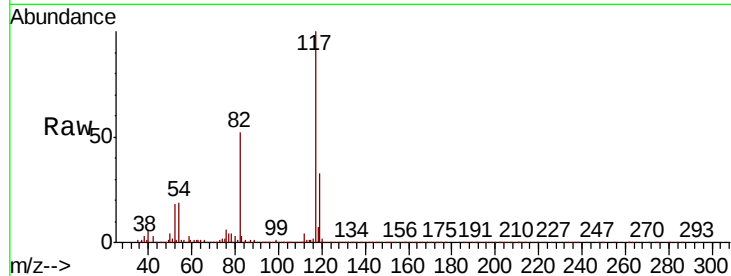




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

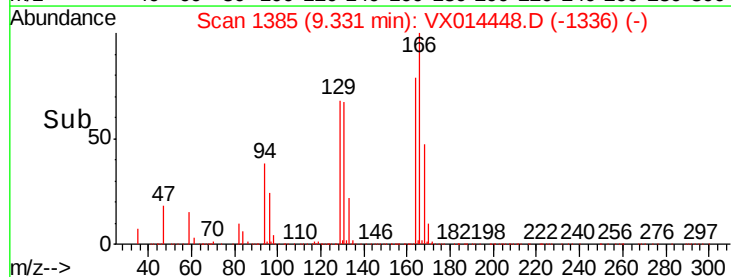
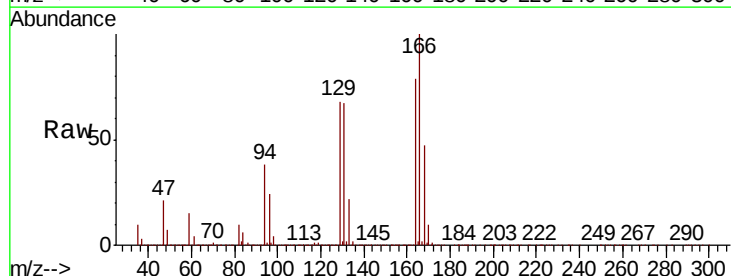
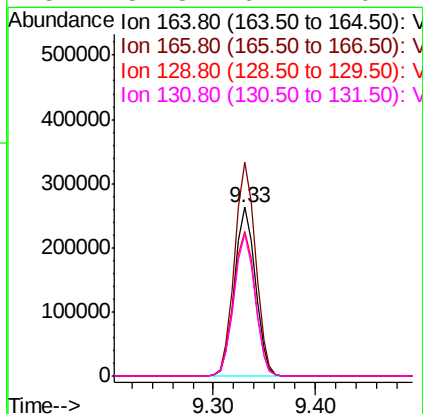
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

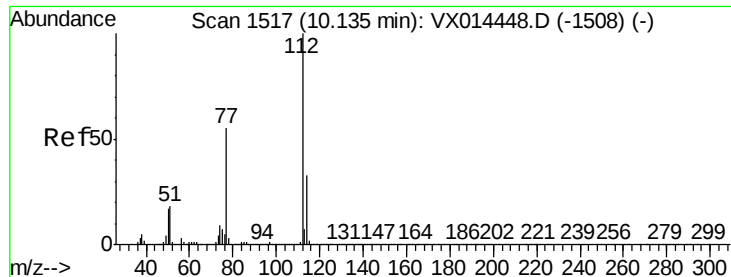
Tot Ion:117 Resp: 732574
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 55.507 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion:164 Resp: 371031
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 85.4 68.3 102.5
131 84.3 67.4 101.2

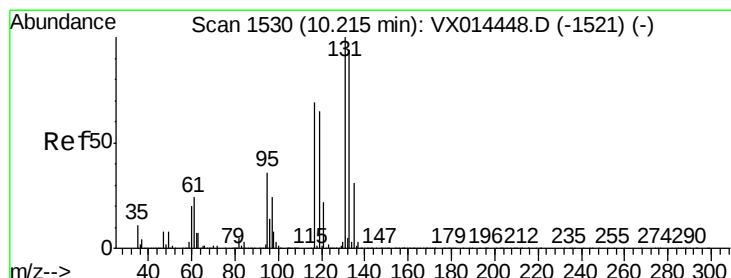
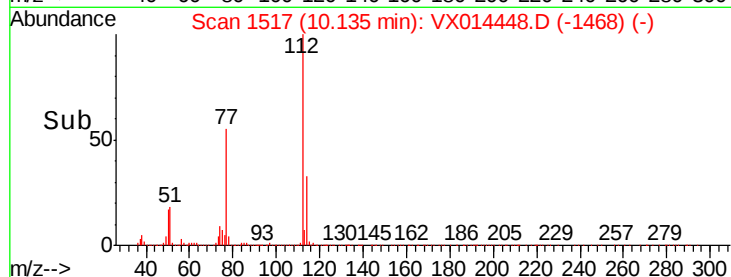
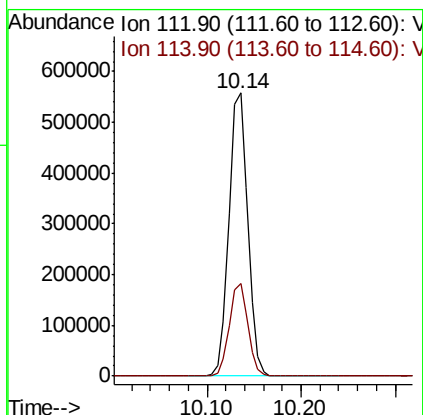
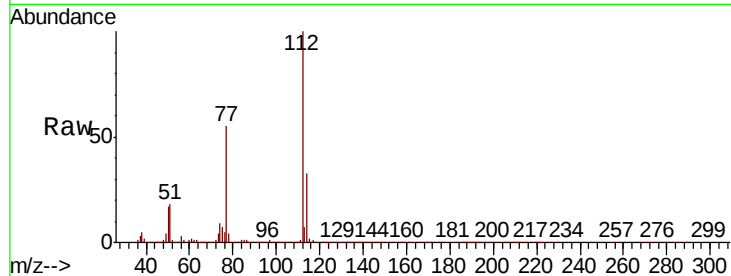




#65
Chlorobenzene
Concen: 49.438 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

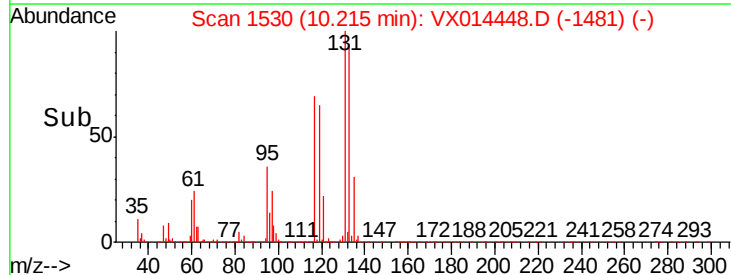
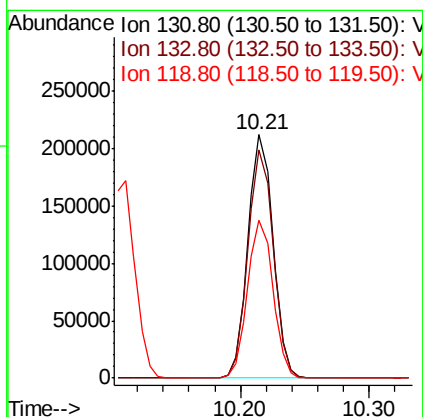
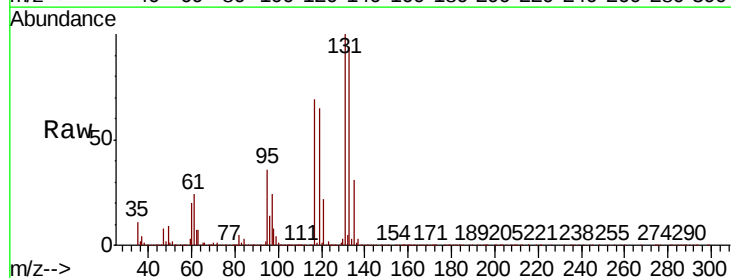
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 775167
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.802 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion:131 Resp: 284573
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 65.6 32.8 98.4





#67

Ethyl Benzene

Concen: 50.704 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

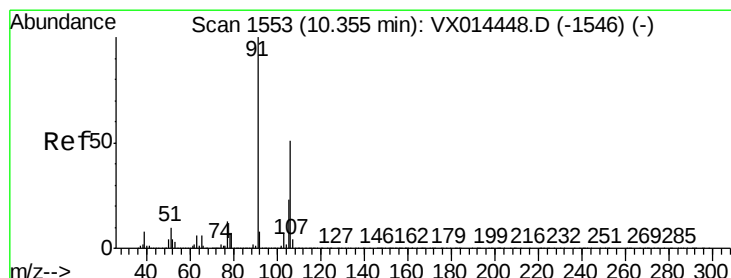
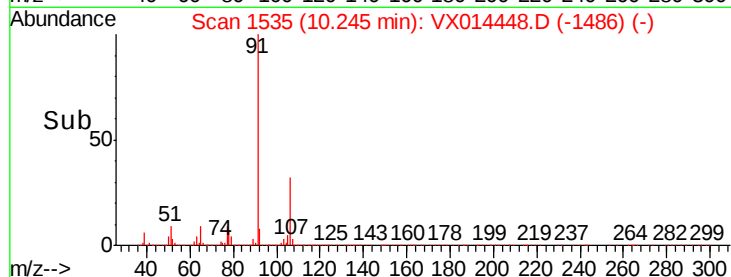
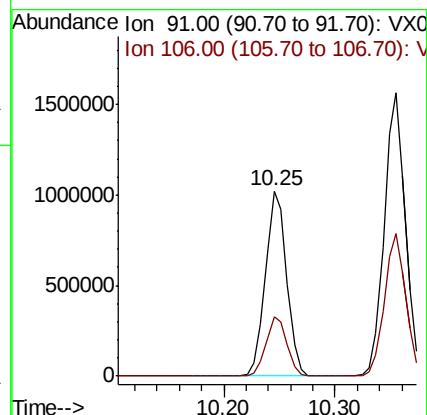
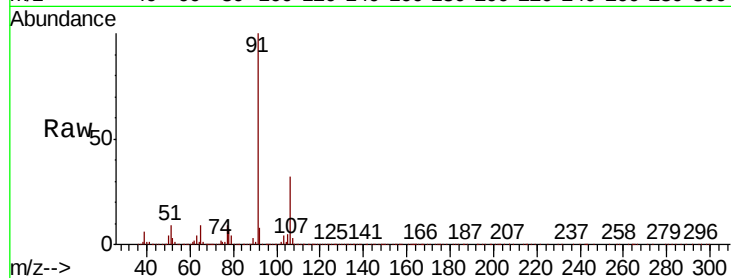
VSTDICCC050

Tot Ion: 91 Resp: 1364499

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 101.385 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014448.D

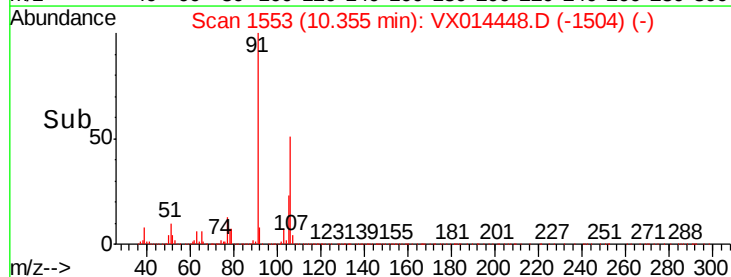
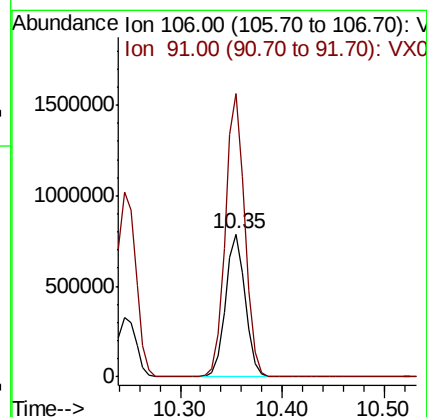
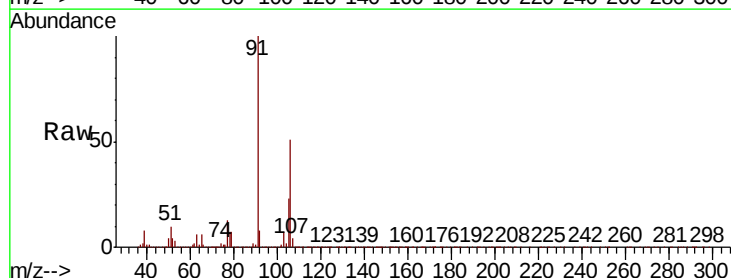
Acq: 07 Jan 2020 14:44

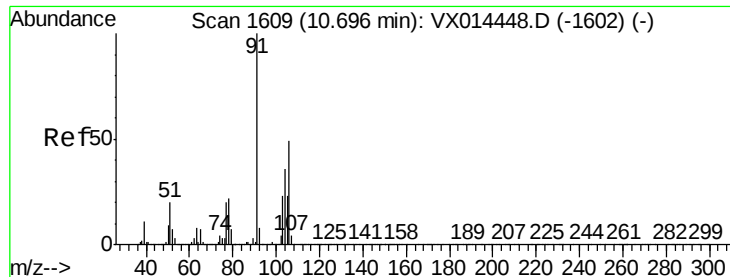
Tgt Ion: 106 Resp: 1051235

Ion Ratio Lower Upper

106 100

91 196.7 157.4 236.0

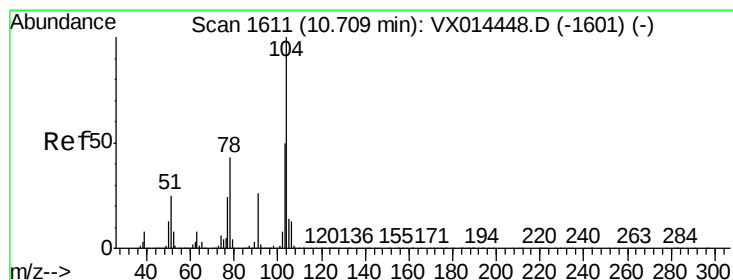
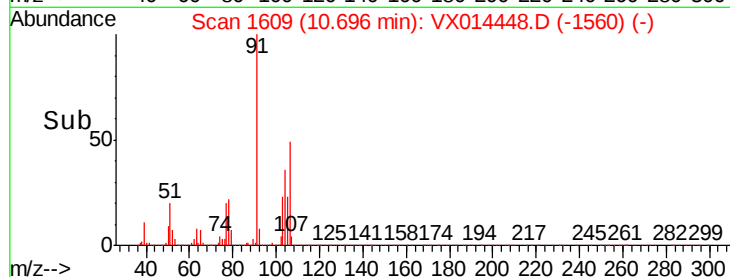
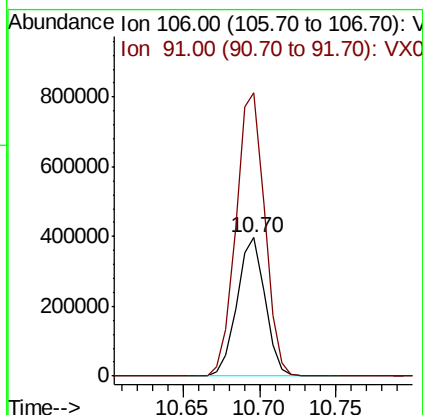
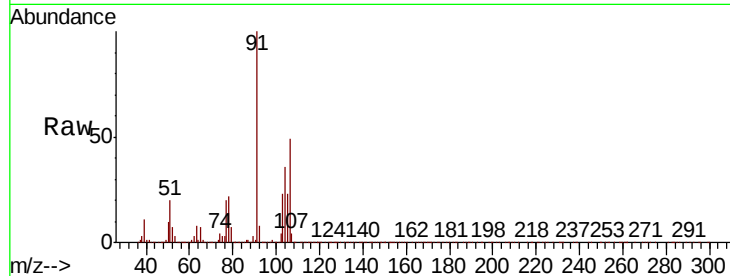




#69
o-Xylene
Concen: 49.634 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

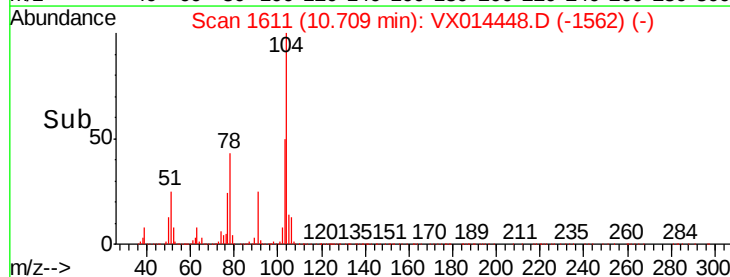
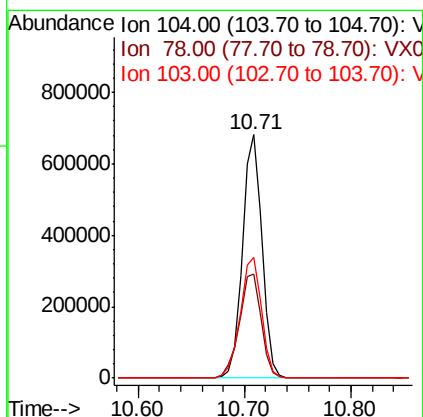
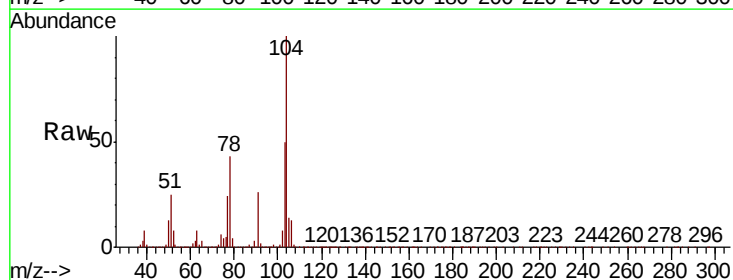
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 502552
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.1



#70
Styrene
Concen: 51.061 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion:104 Resp: 874977
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.6 43.7 65.5





#71

Bromoform

Concen: 53.504 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

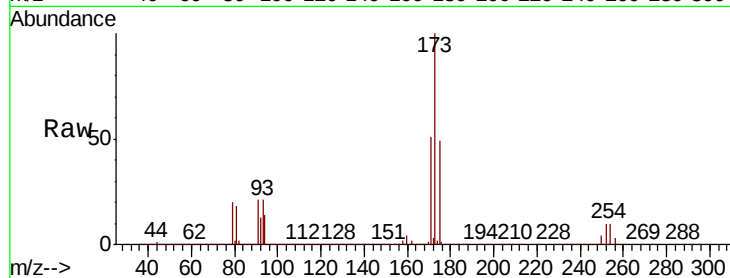
Tot Ion:173 Resp: 241778

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

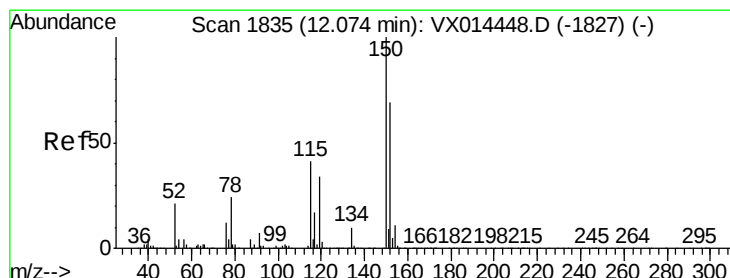
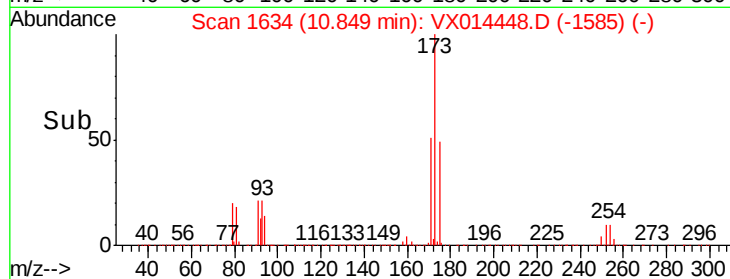
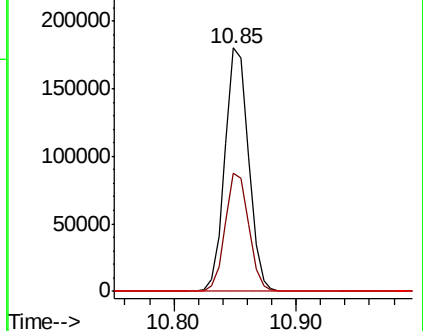
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

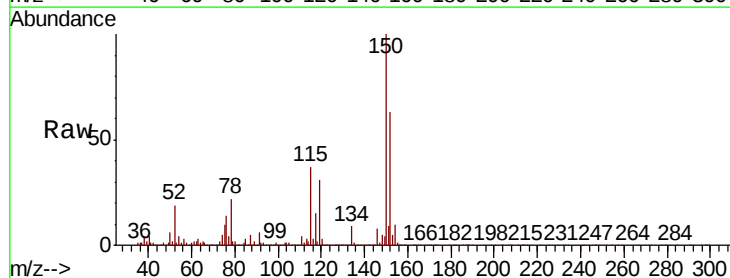
Tgt Ion:152 Resp: 377436

Ion Ratio Lower Upper

152 100

115 78.9 39.5 118.3

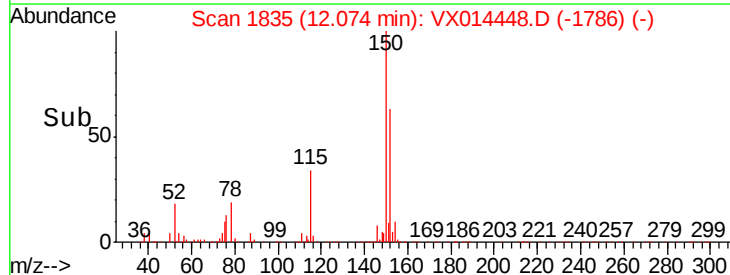
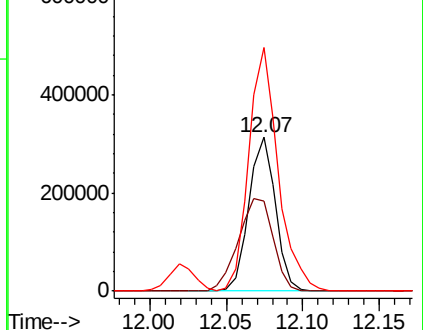
150 175.1 0.0 350.2

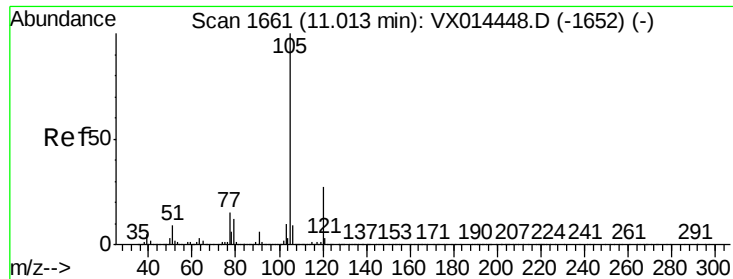


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.273 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

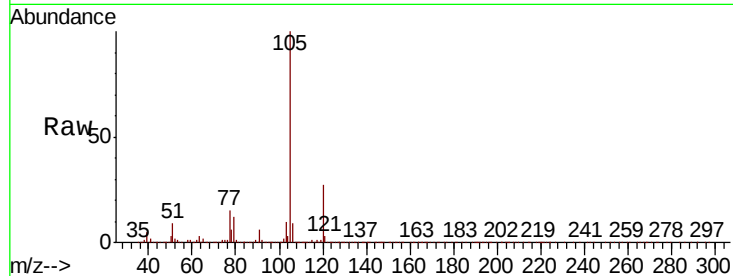
VSTDICCC050

Tot Ion:105 Resp: 1341227

Ion Ratio Lower Upper

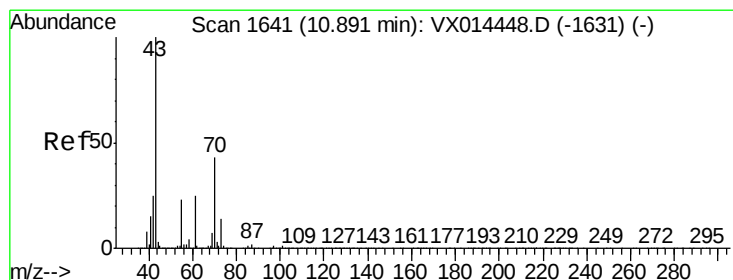
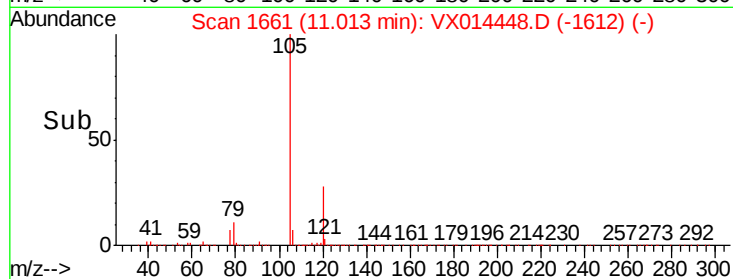
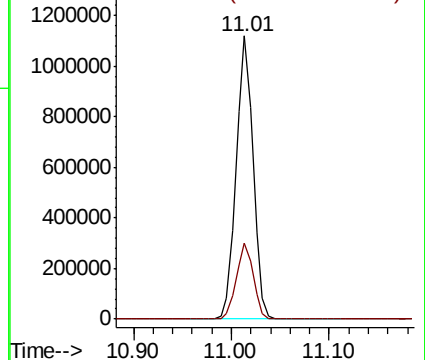
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.762 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Tgt Ion: 43 Resp: 603935

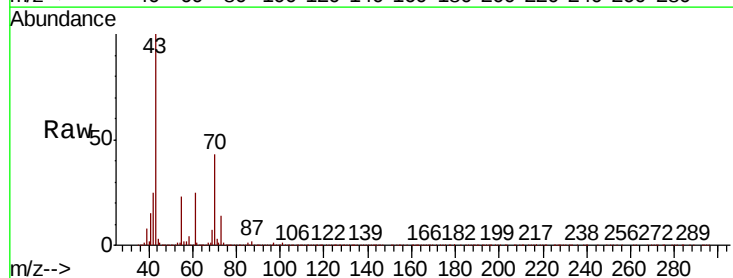
Ion Ratio Lower Upper

43 100

70 43.9 35.1 52.7

55 24.1 19.3 28.9

61 25.0 20.0 30.0

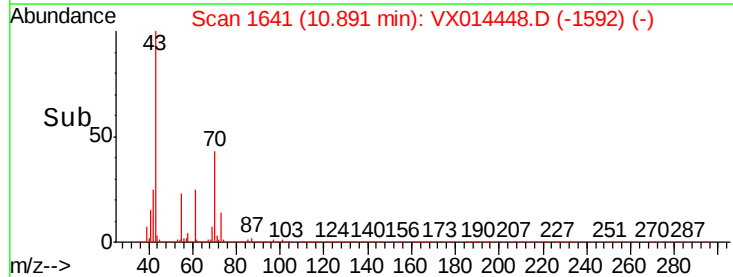
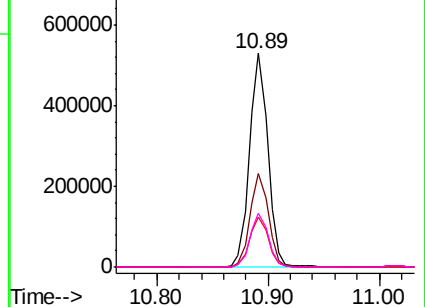


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.869 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

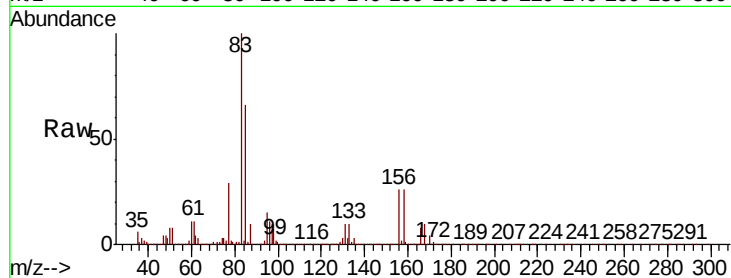
Tot Ion: 83 Resp: 417537

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

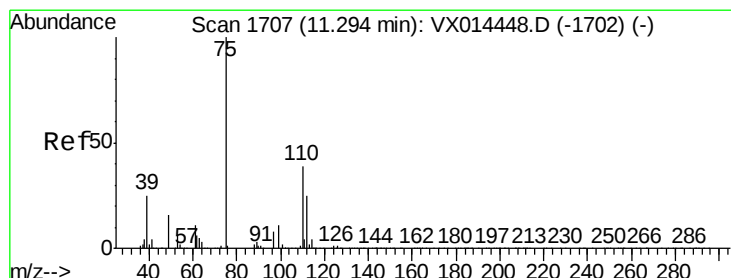
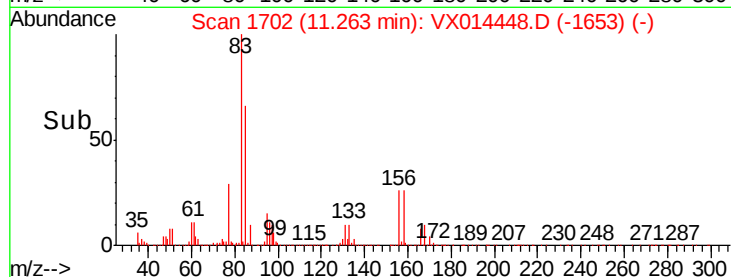
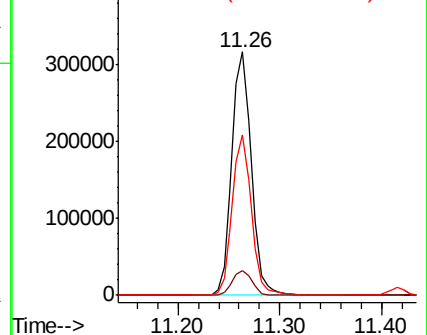
85 64.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.147 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014448.D

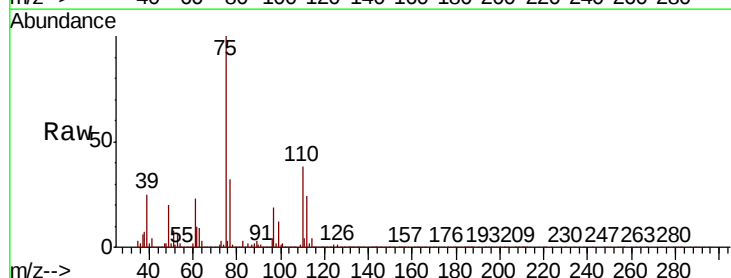
Acq: 07 Jan 2020 14:44

Tgt Ion: 75 Resp: 513729

Ion Ratio Lower Upper

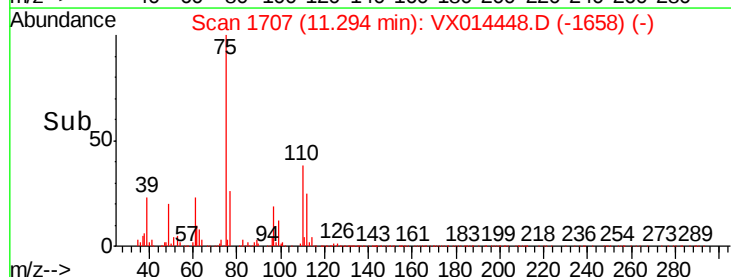
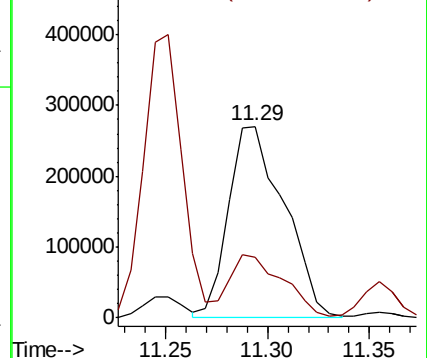
75 100

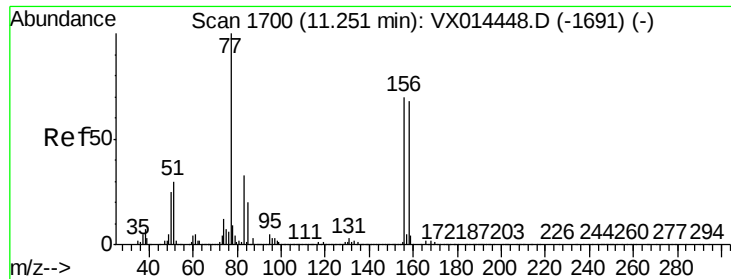
77 30.6 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

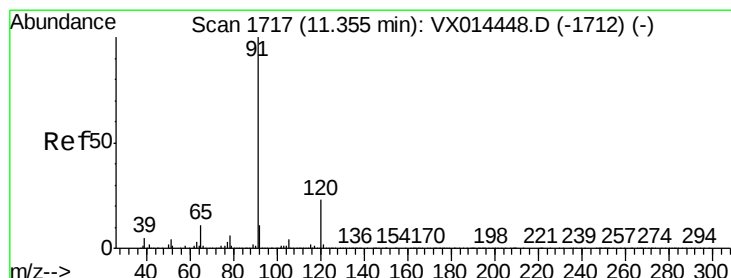
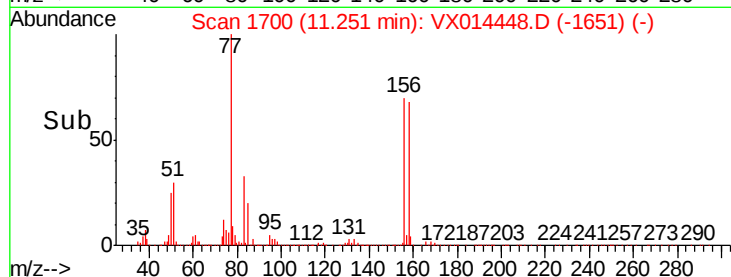
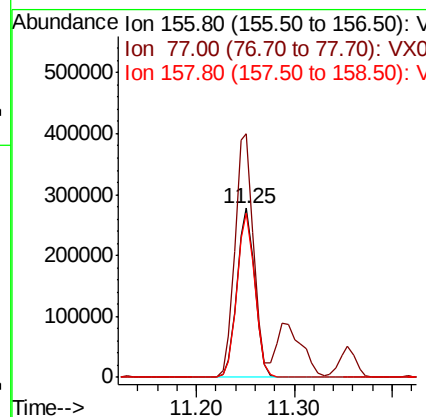
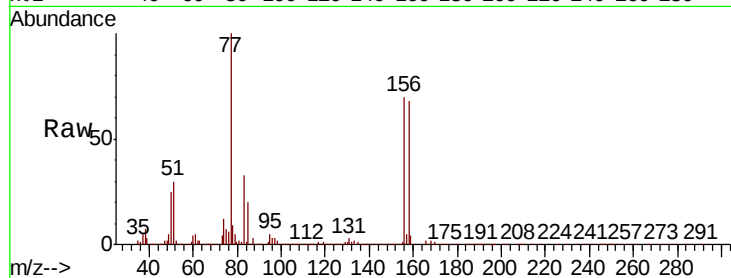




#77
Bromobenzene
Concen: 47.874 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

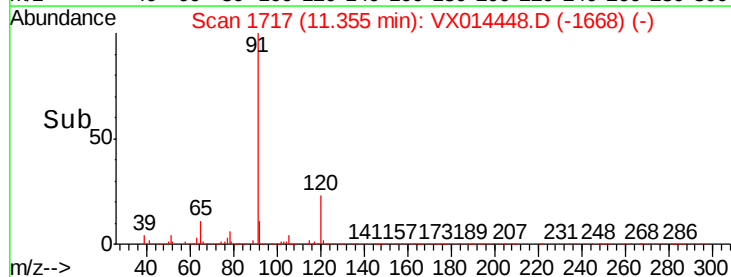
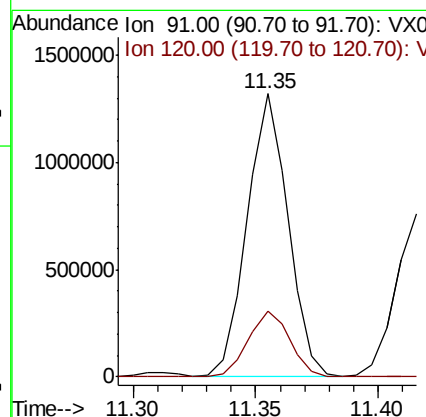
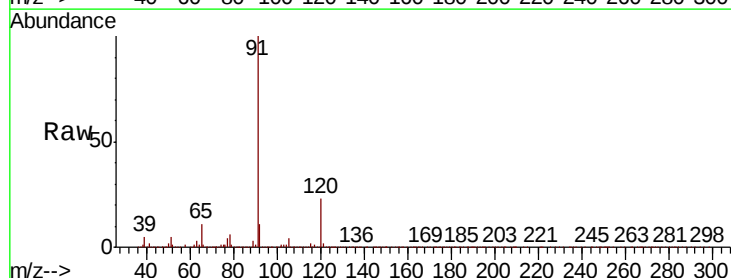
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

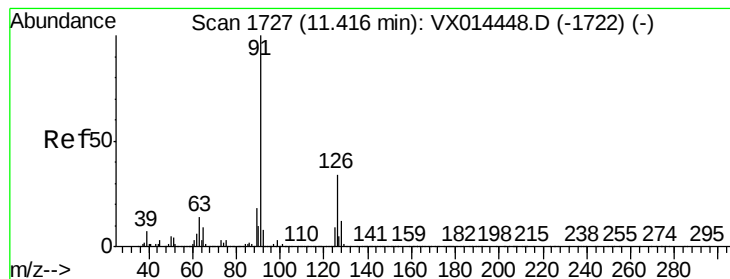
Tot Ion:156 Resp: 351866
Ion Ratio Lower Upper
156 100
77 150.9 75.4 226.3
158 97.5 48.8 146.3



#78
n-propylbenzene
Concen: 51.144 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion: 91 Resp: 1530369
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 49.260 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

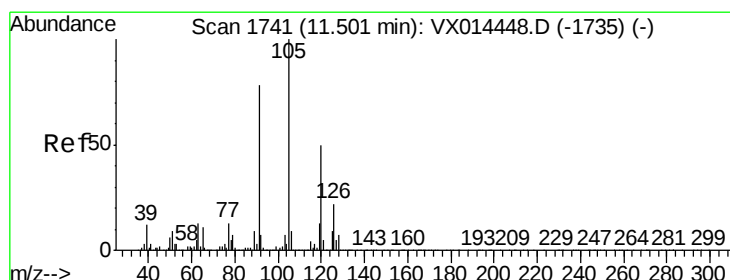
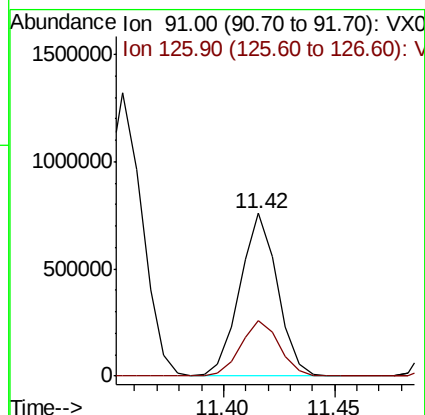
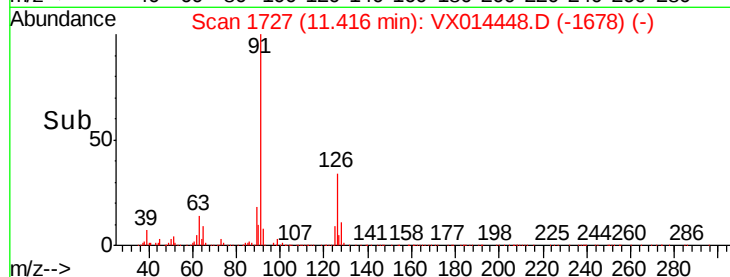
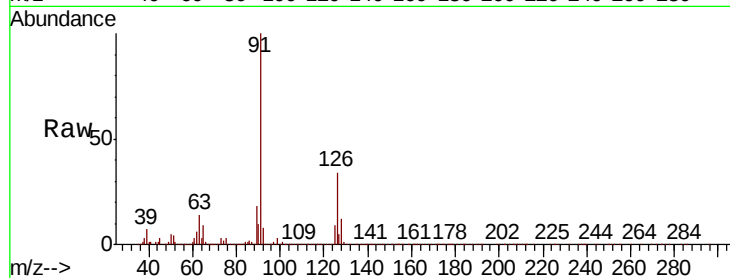
VSTDICCC050

Tot Ion: 91 Resp: 892914

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 50.088 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014448.D

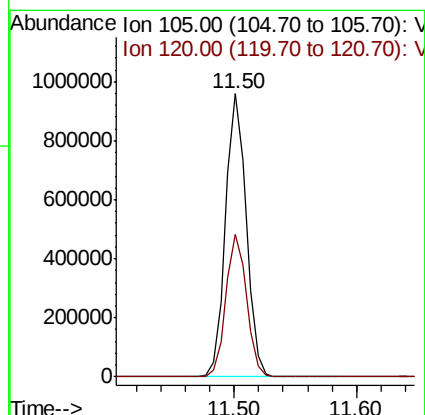
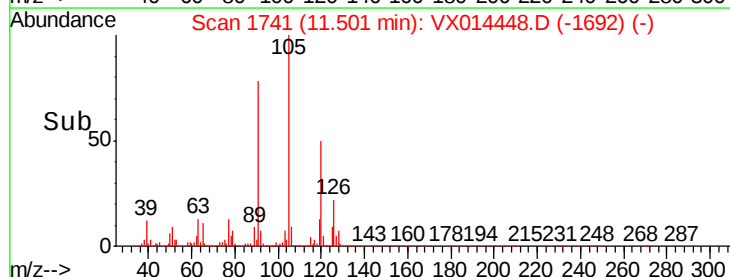
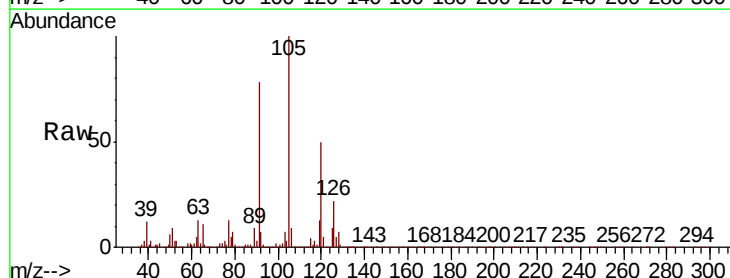
Acq: 07 Jan 2020 14:44

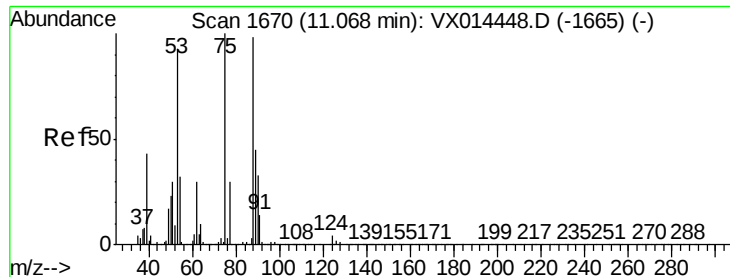
Tgt Ion: 105 Resp: 1123297

Ion Ratio Lower Upper

105 100

120 50.4 25.2 75.6

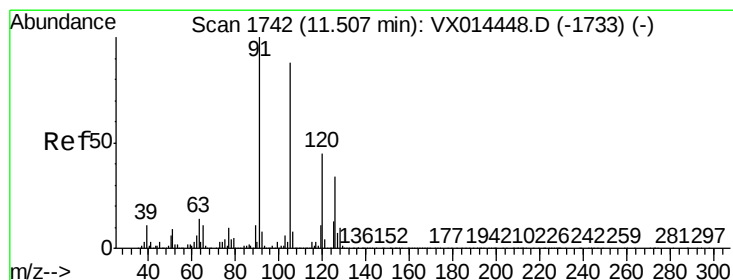
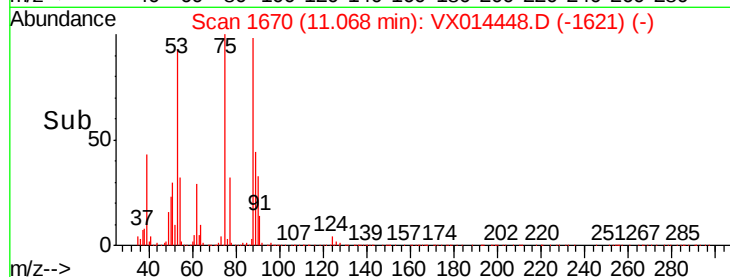
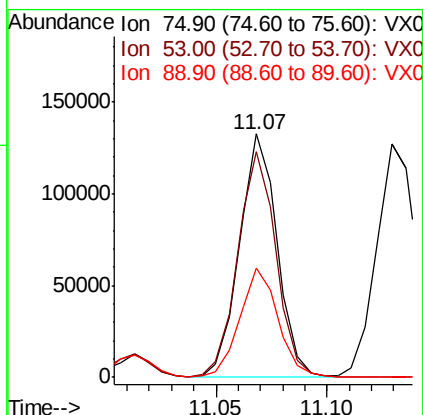
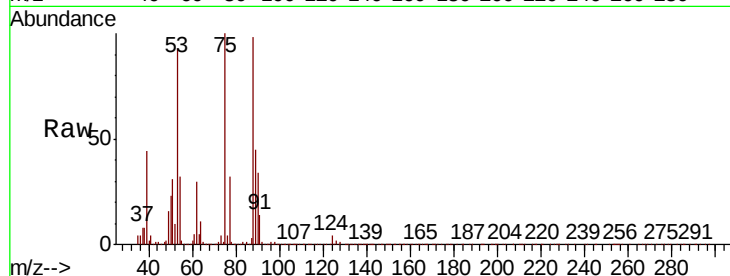




#81
trans-1,4-Dichloro-2-butene
Concen: 53.445 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

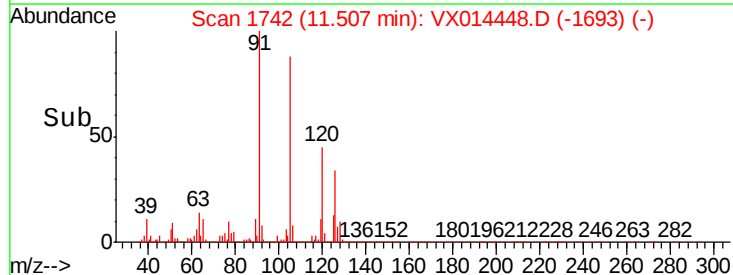
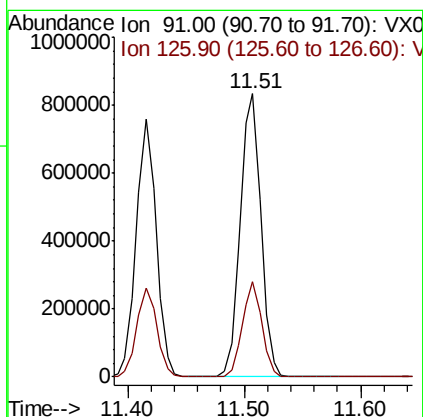
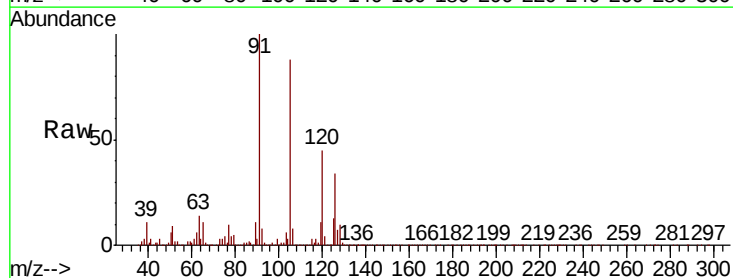
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 156190
Ion Ratio Lower Upper
75 100
53 93.5 74.8 112.2
89 45.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.131 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014448.D
Acq: 07 Jan 2020 14:44

Tgt Ion: 91 Resp: 1036182
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7





#83

tert-Butylbenzene

Concen: 47.588 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

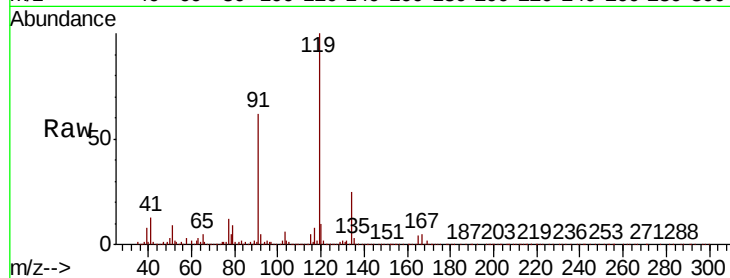
Tot Ion:119 Resp: 1031310

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.3	88.0
134	24.9	12.4	37.4

119 100

91 58.7 29.3 88.0

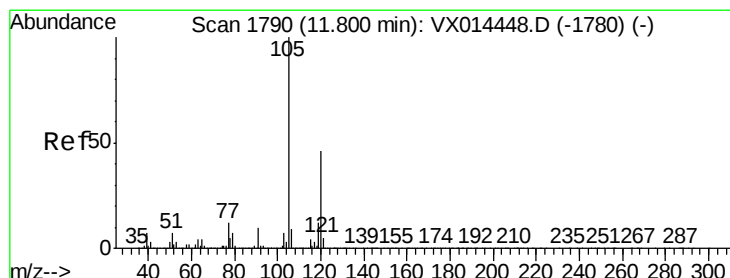
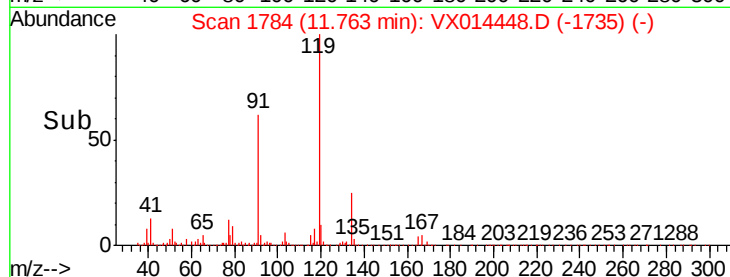
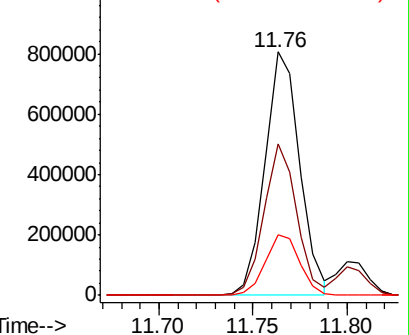
134 24.9 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.941 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014448.D

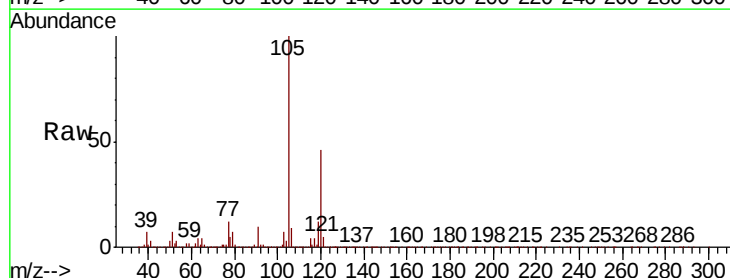
Acq: 07 Jan 2020 14:44

Tgt Ion:105 Resp: 1120332

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3

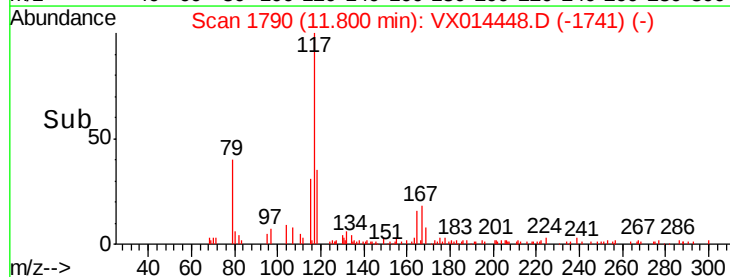
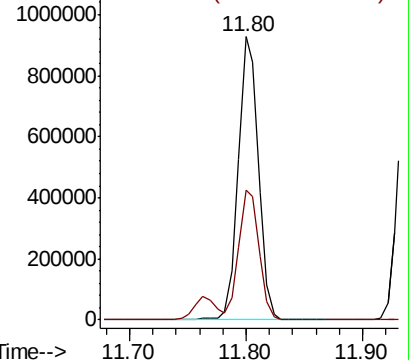
105 100

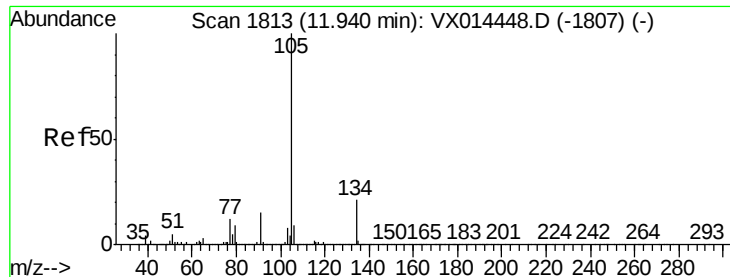
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.703 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

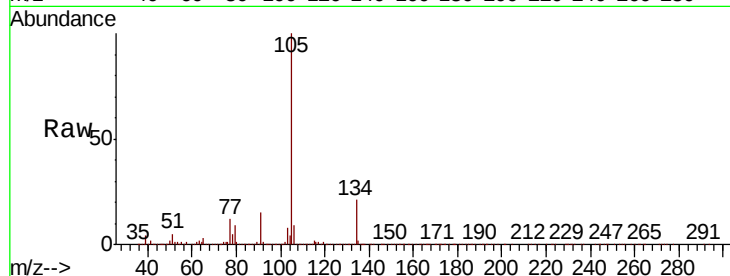
VSTDICCC050

Tot Ion:105 Resp: 1309203

Ion Ratio Lower Upper

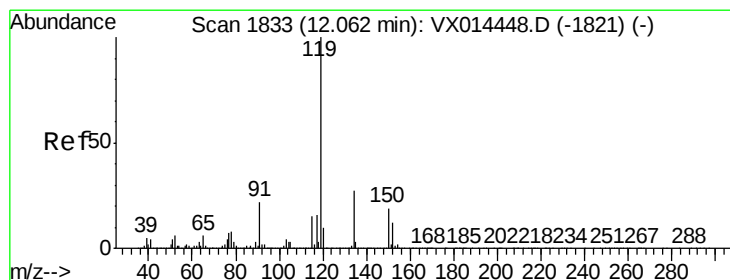
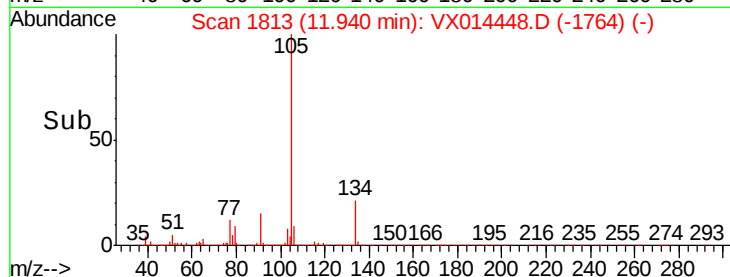
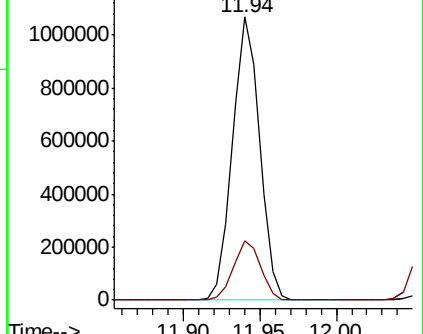
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.501 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

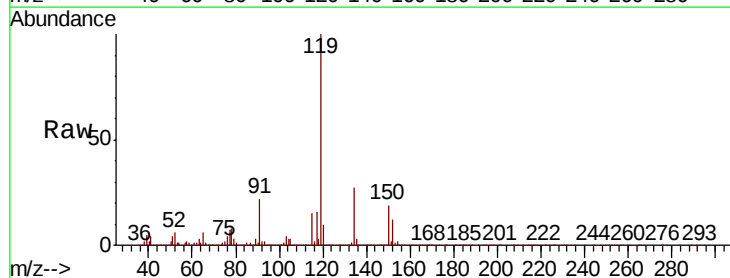
Tgt Ion:119 Resp: 1218706

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

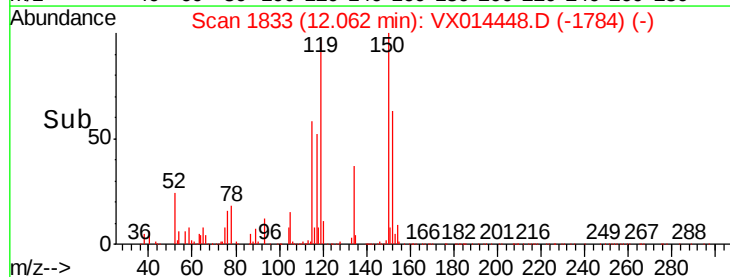
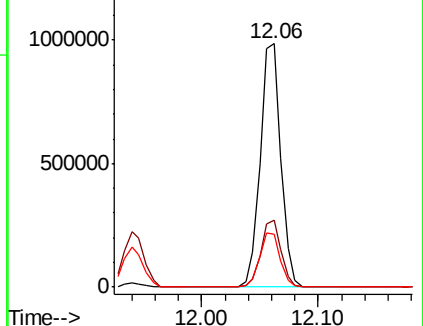
91 22.2 11.1 33.3

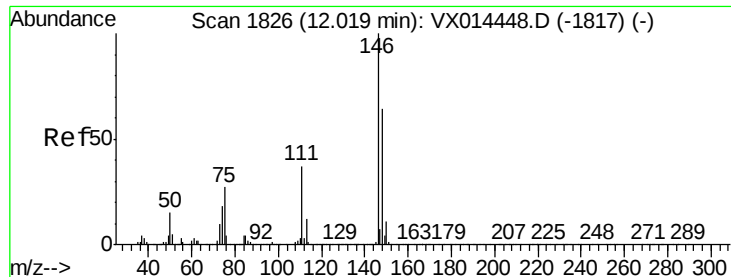


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.752 ug/l

RT: 12.02 min Scan# 1826

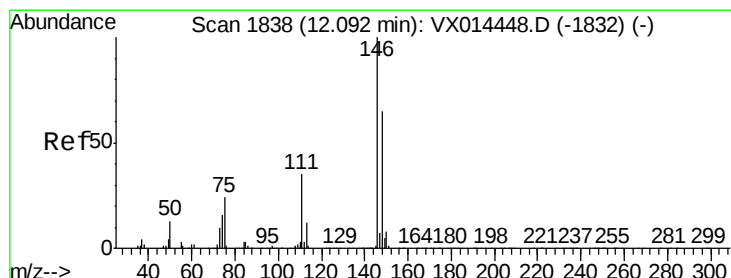
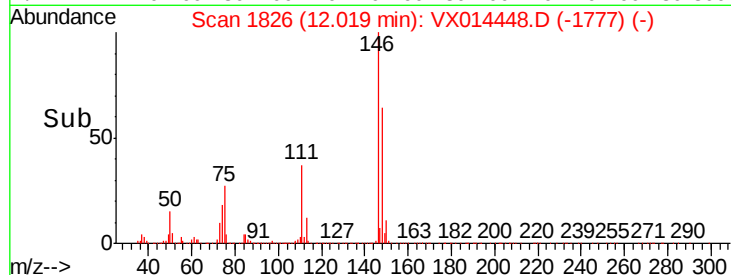
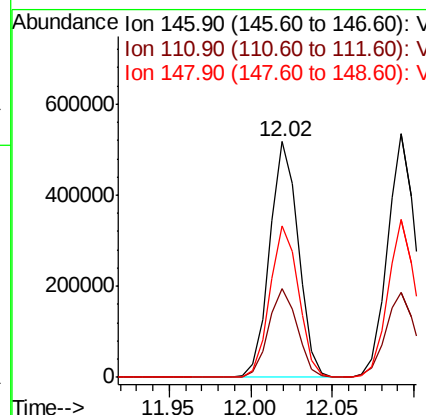
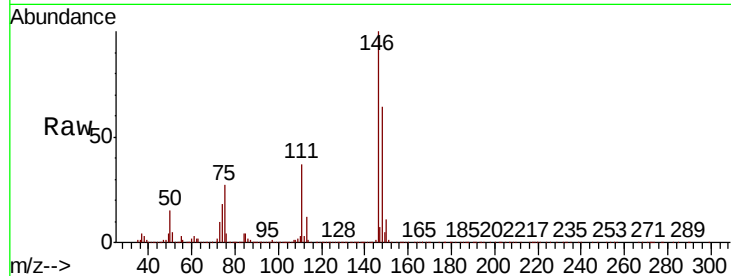
Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.4	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 48.512 ug/l

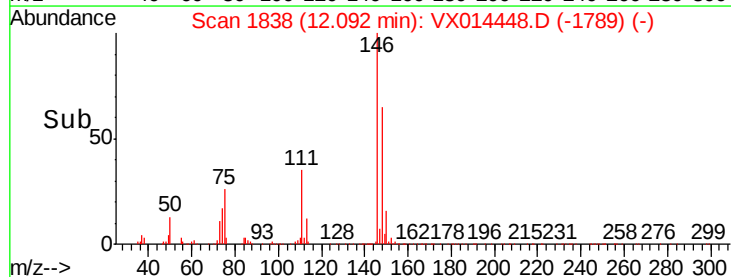
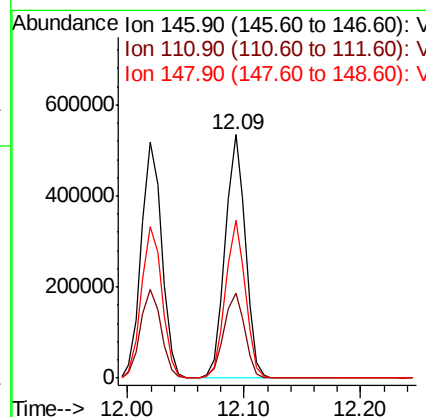
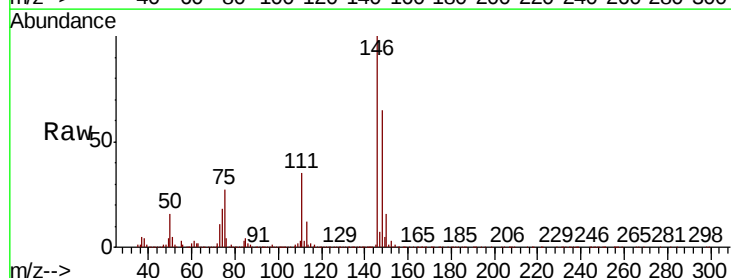
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.2	32.1	96.3





#89

n-Butylbenzene

Concen: 53.502 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

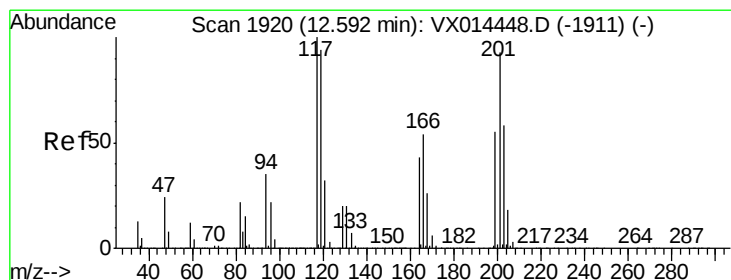
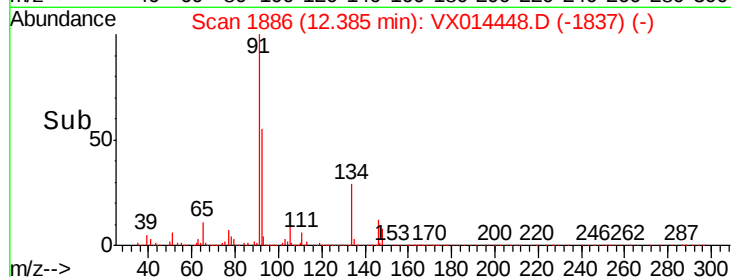
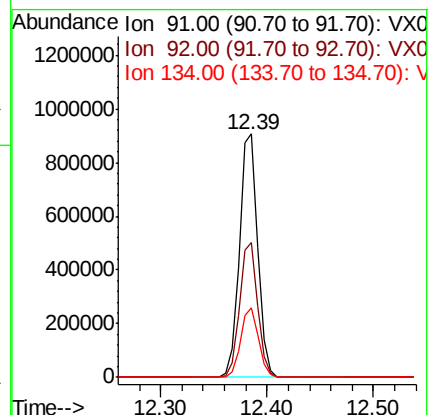
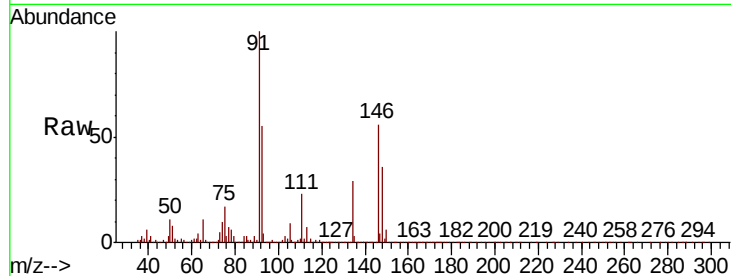
Tot Ion: 91 Resp: 1084953

Ion Ratio Lower Upper

91 100

92 54.8 27.4 82.2

134 27.8 13.9 41.7



#90

Hexachloroethane

Concen: 50.669 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014448.D

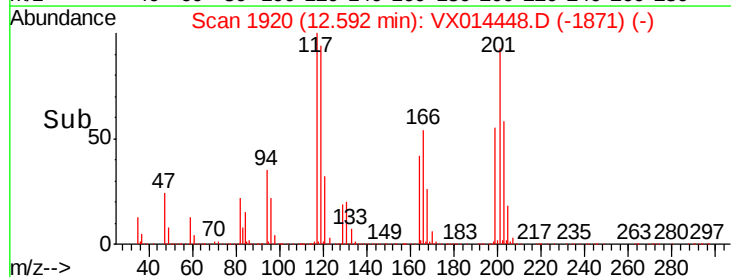
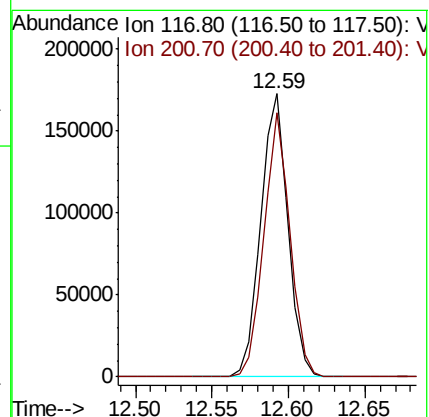
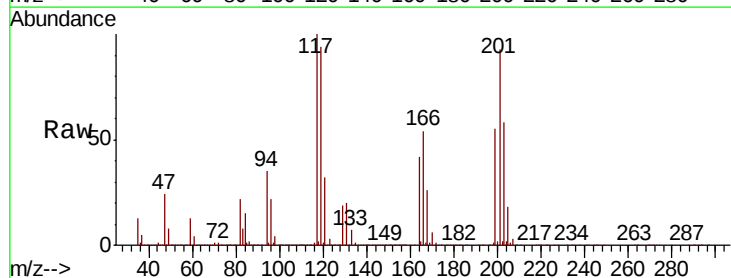
Acq: 07 Jan 2020 14:44

Tgt Ion: 117 Resp: 214429

Ion Ratio Lower Upper

117 100

201 89.5 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 48.185 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

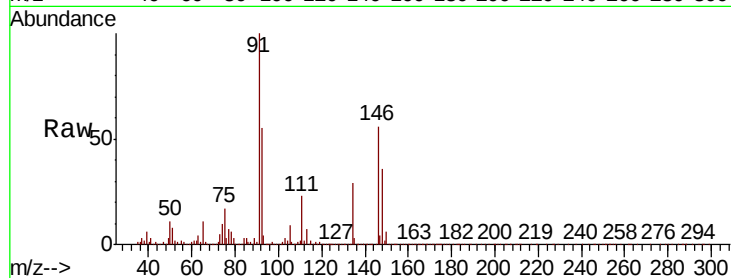
Tot Ion:146 Resp: 622982

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

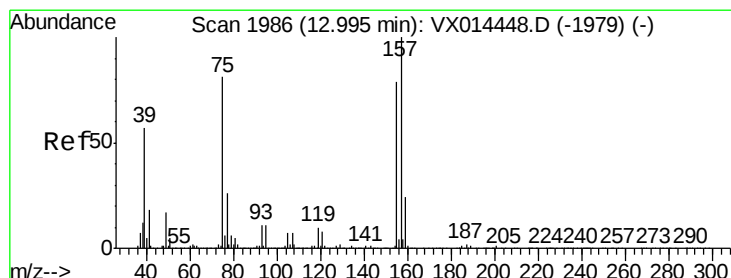
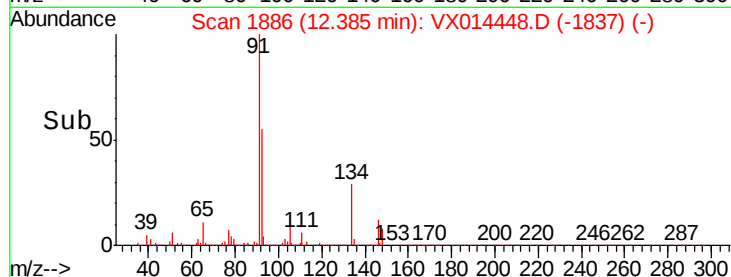
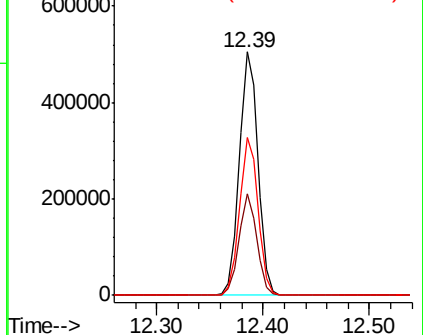
148 64.5 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.638 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

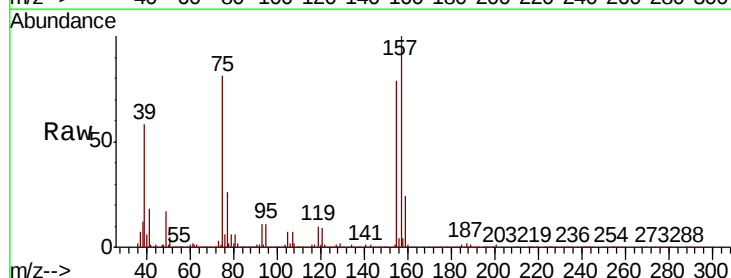
Tgt Ion: 75 Resp: 97508

Ion Ratio Lower Upper

75 100

155 97.4 48.7 146.1

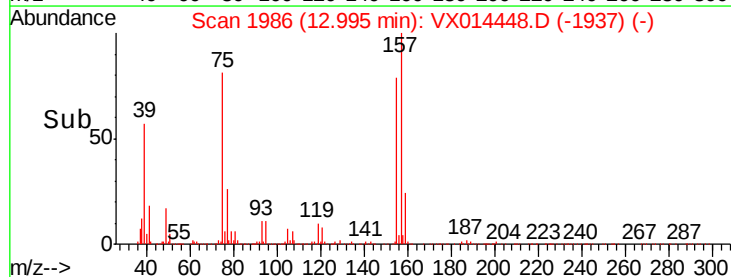
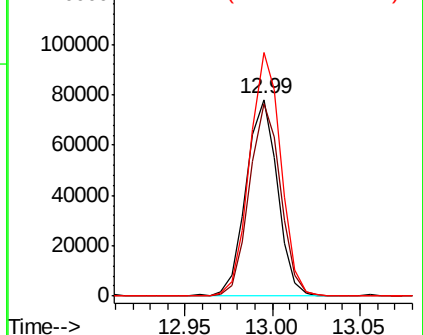
157 123.9 62.0 185.9



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

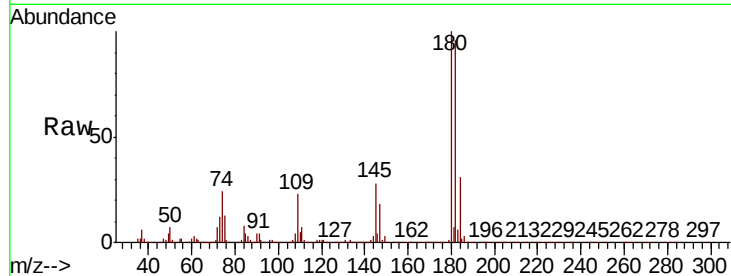




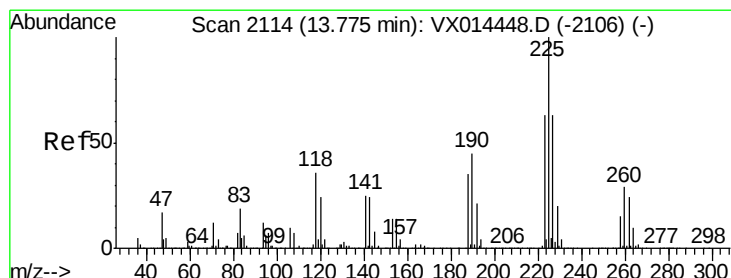
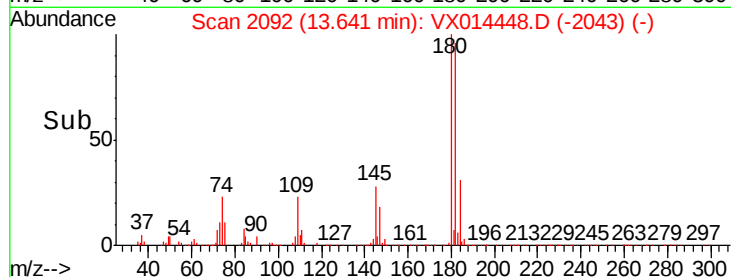
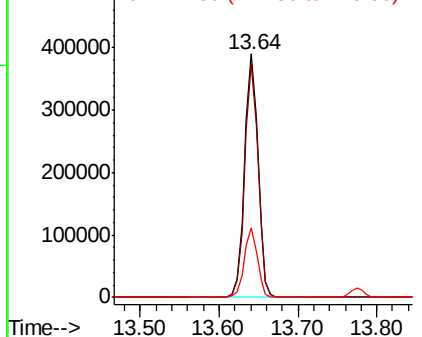
#93
 1,2,4-Trichlorobenzene
 Concen: 53.858 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 461492
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.5 142.5
 145 27.7 13.9 41.6

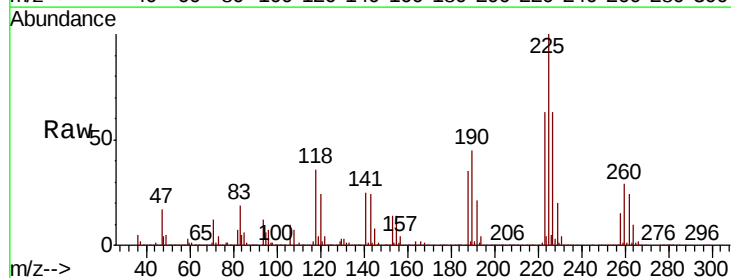


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

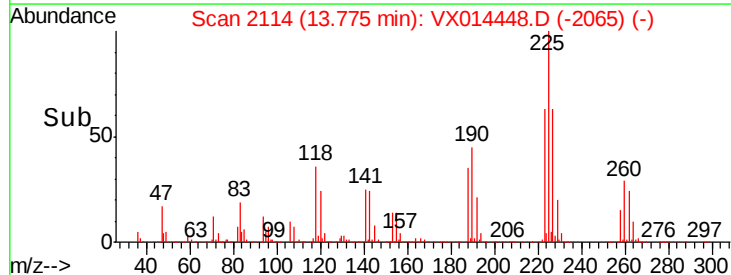
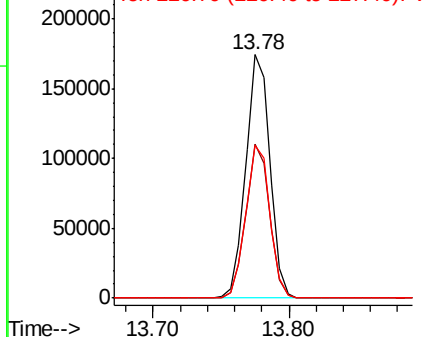


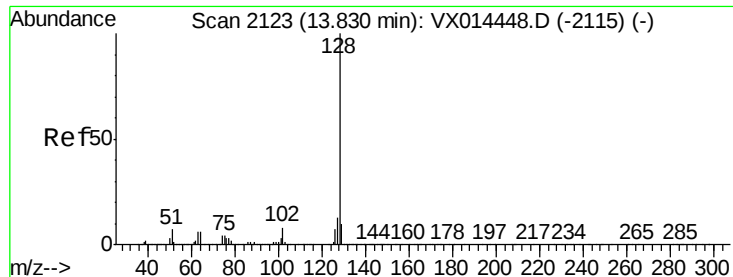
#94
 Hexachlorobutadiene
 Concen: 52.581 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014448.D
 Acq: 07 Jan 2020 14:44

Tgt Ion:225 Resp: 216309
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 62.8 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.218 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

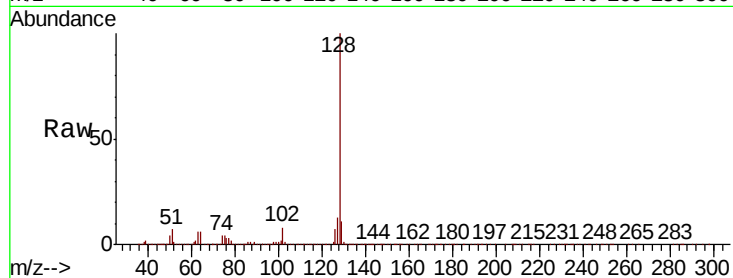
Tot Ion:128 Resp: 1384521

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

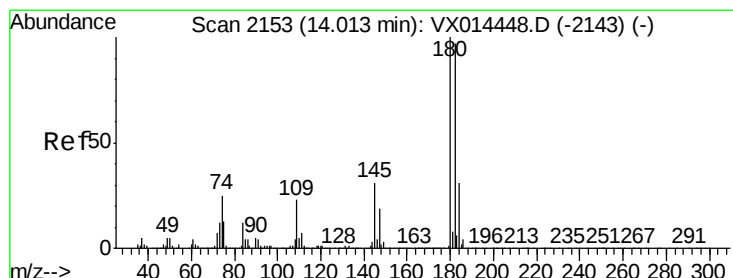
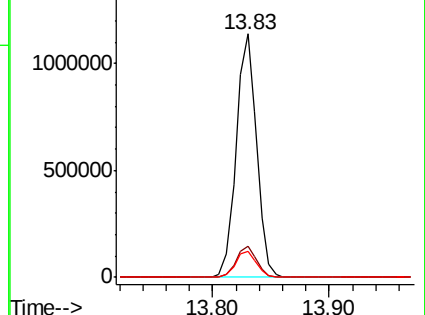
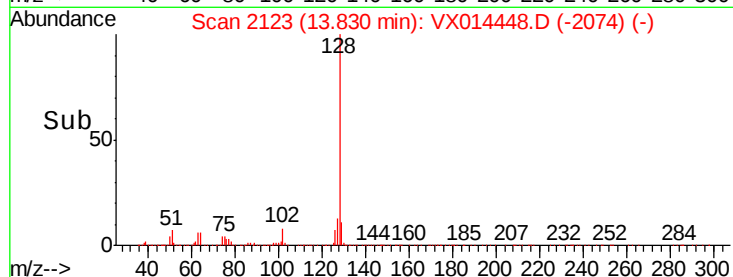
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.891 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014448.D

Acq: 07 Jan 2020 14:44

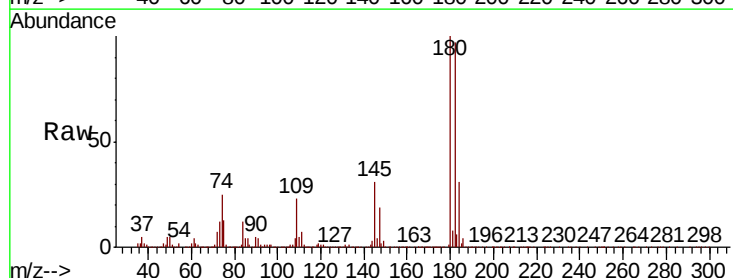
Tgt Ion:180 Resp: 453817

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

