

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008958.D
 Acq On : 15 Apr 2019 13:49
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Quant Time: Apr 16 03:21:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	229240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	362061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	161327	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	5.49	113	120755	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
50) Toluene-d8	8.71	98	494203	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	11.13	95	177202	54.17	ug/l	0.00
Spiked Amount			Recovery	=	108.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	149030	56.442	ug/l	100
3) Chloromethane	1.32	50	172382	53.179	ug/l	100
4) Vinyl Chloride	1.41	62	164489	52.136	ug/l	99
5) Bromomethane	1.64	94	98174	49.715	ug/l	99
6) Chloroethane	1.71	64	96171	51.837	ug/l	98
7) Trichlorofluoromethane	1.92	101	191318	51.937	ug/l	98
8) Diethyl Ether	2.18	74	83742	49.709	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123959	52.632	ug/l	99
10) Methyl Iodide	2.51	142	121095	47.288	ug/l	100
11) Tert butyl alcohol	3.05	59	178592	249.042	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122993	50.031	ug/l	98
13) Acrolein	2.29	56	142495	229.973	ug/l	99
14) Allyl chloride	2.73	41	280724	52.341	ug/l	99
15) Acrylonitrile	3.14	53	453762	249.267	ug/l	99
16) Acetone	2.44	43	410493	245.021	ug/l	100
17) Carbon Disulfide	2.57	76	370087	51.200	ug/l	100
18) Methyl Acetate	2.77	43	199399	47.689	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	450620	51.444	ug/l	100
20) Methylene Chloride	2.85	84	139855	48.815	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	129773	49.492	ug/l	95
22) Diisopropyl ether	3.85	45	534154	51.253	ug/l	90
23) Vinyl Acetate	3.81	43	2423453	264.533	ug/l	99
24) 1,1-Dichloroethane	3.70	63	263433	50.354	ug/l	100
25) 2-Butanone	4.67	43	682388	254.821	ug/l	97
26) 2,2-Dichloropropane	4.58	77	206596	52.682	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	147607	49.582	ug/l	98
28) Bromochloromethane	5.01	49	111564	51.395	ug/l	100
29) Tetrahydrofuran	5.12	42	446975	249.375	ug/l	99
30) Chloroform	5.21	83	238851	51.020	ug/l	98
31) Cyclohexane	5.57	56	271197	52.705	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	199927	51.526	ug/l	100
36) 1,1-Dichloropropene	5.79	75	192713	51.466	ug/l	99
37) Ethyl Acetate	4.83	43	256565	53.248	ug/l	100
38) Carbon Tetrachloride	5.78	117	169870	53.511	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254823	55.894	ug/l	99
40) Benzene	6.14	78	576267	52.167	ug/l	99
41) Methacrylonitrile	5.04	41	144805	52.364	ug/l	99
42) 1,2-Dichloroethane	6.19	62	202661	51.790	ug/l	99
43) Isopropyl Acetate	6.44	43	410670	52.889	ug/l	100
44) Trichloroethene	7.21	130	139029	51.366	ug/l	99
45) 1,2-Dichloropropane	7.51	63	160240	52.288	ug/l	100
46) Dibromomethane	7.66	93	91526	51.318	ug/l	99
47) Bromodichloromethane	7.90	83	185356	52.987	ug/l	100
48) Methyl methacrylate	7.77	41	206636	53.859	ug/l	100
49) 1,4-Dioxane	7.74	88	72398	1008.192	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1290721	260.925	ug/l	100
52) Toluene	8.78	92	347495	52.489	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	222226	55.200	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	243526	54.023	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	137367	52.353	ug/l	97
56) Ethyl methacrylate	9.18	69	253555	53.893	ug/l	99
57) 1,3-Dichloropropane	9.37	76	244569	52.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	785187	309.917	ug/l	99
59) 2-Hexanone	9.49	43	986991	258.794	ug/l	100
60) Dibromochloromethane	9.58	129	138402	55.037	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142492	52.618	ug/l	99
64) Tetrachloroethene	9.34	164	127673	52.115	ug/l	98
65) Chlorobenzene	10.13	112	357054	52.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	129519	54.014	ug/l	99
67) Ethyl Benzene	10.25	91	668283	53.708	ug/l	100
68) m/p-Xylenes	10.36	106	485431	107.347	ug/l	99
69) o-Xylene	10.69	106	232489	52.838	ug/l	97
70) Styrene	10.71	104	412441	54.091	ug/l	100
71) Bromoform	10.85	173	103003	53.918	ug/l #	99
73) Isopropylbenzene	11.02	105	635252	54.350	ug/l	100
74) N-amyl acetate	10.90	43	352423	52.513	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	214650	50.262	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	265827	70.599	ug/l	78
77) Bromobenzene	11.26	156	151542	51.387	ug/l	99
78) n-propylbenzene	11.36	91	747551	55.723	ug/l	100
79) 2-Chlorotoluene	11.42	91	430433	53.244	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	536165	54.665	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	79603	54.276	ug/l	98
82) 4-Chlorotoluene	11.51	91	500131	53.269	ug/l	100
83) tert-Butylbenzene	11.77	119	509200	54.073	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	538513	53.937	ug/l	100
85) sec-Butylbenzene	11.94	105	625867	55.726	ug/l	100
86) p-Isopropyltoluene	12.06	119	565033	54.721	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270622	52.431	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	271804	51.948	ug/l	99
89) n-Butylbenzene	12.38	91	544032	56.573	ug/l	100
90) Hexachloroethane	12.60	117	95833	56.264	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	262064	51.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48588	49.969	ug/l	99

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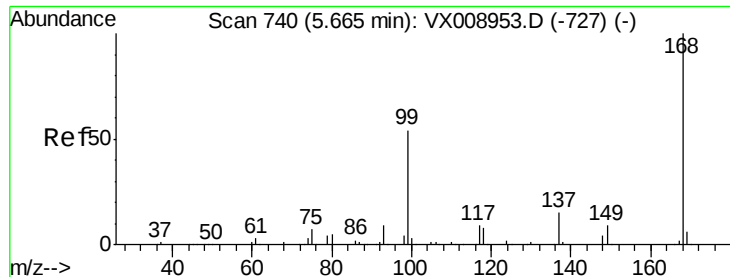
Instrument :
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ClientSampleId :
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194688	52.916	ug/l	99
94) Hexachlorobutadiene	13.78	225	101718	55.432	ug/l	100
95) Naphthalene	13.83	128	610408	51.784	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192759	53.099	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

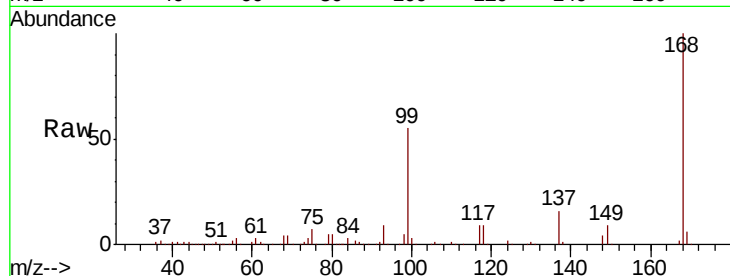
ICVVX041519

Tot Ion:168 Resp: 229240

Ion Ratio Lower Upper

168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

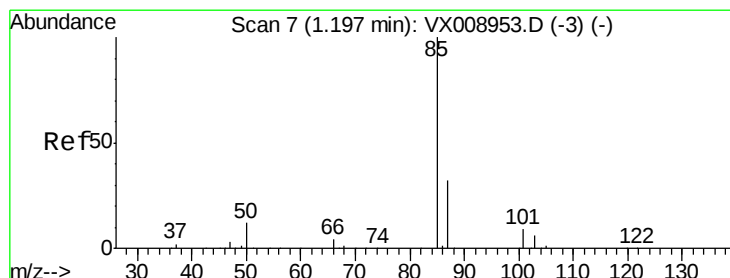
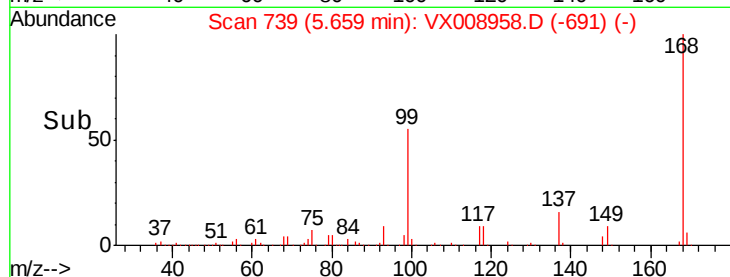
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.442 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008958.D

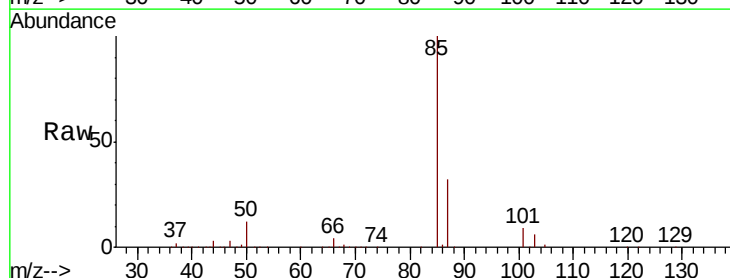
Acq: 15 Apr 2019 13:49

Tgt Ion: 85 Resp: 149030

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

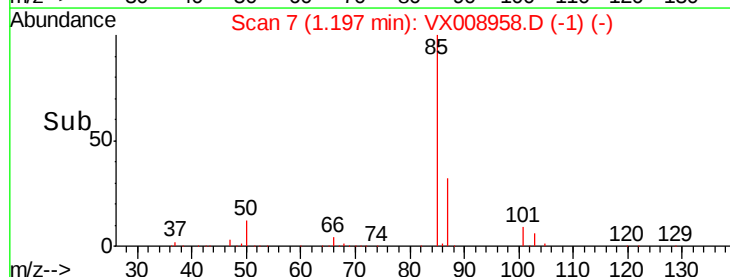
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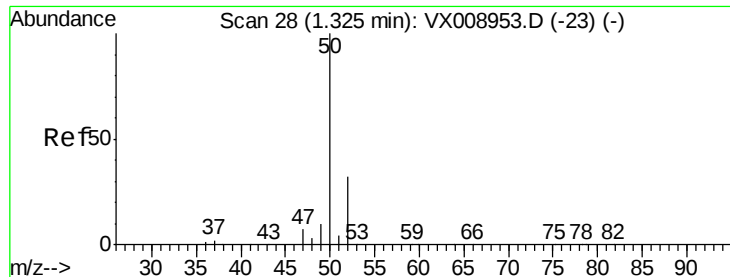
50000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.179 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

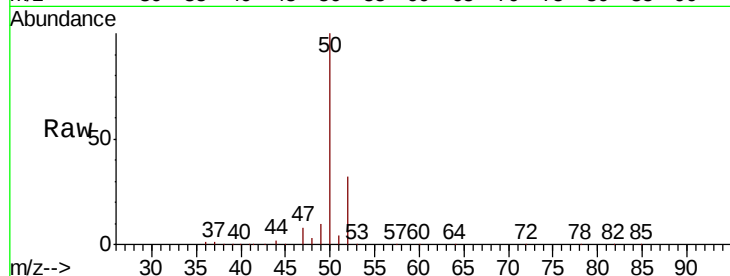
ICVVX041519

Tot Ion: 50 Resp: 172382

Ion Ratio Lower Upper

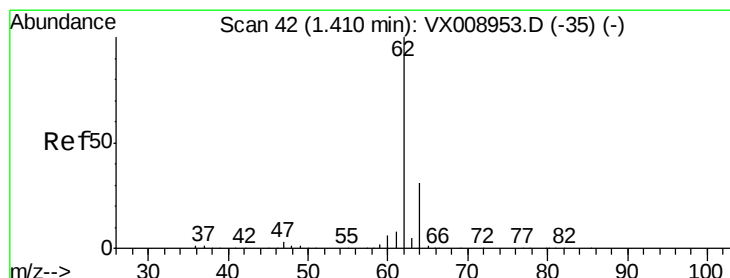
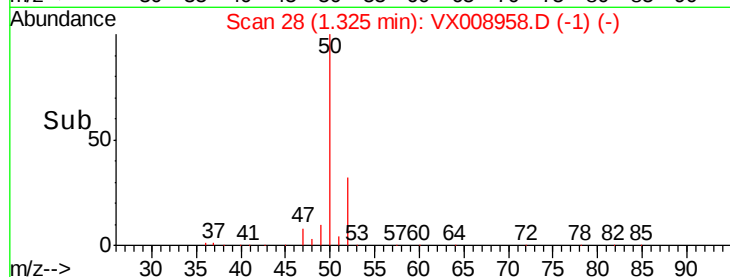
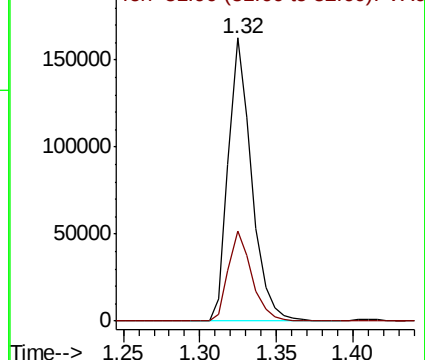
50 100

52 31.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.136 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008958.D

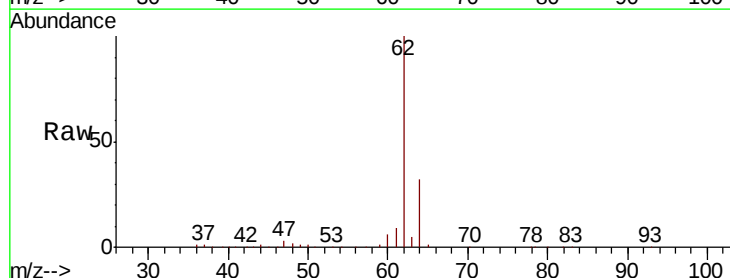
Acq: 15 Apr 2019 13:49

Tgt Ion: 62 Resp: 164489

Ion Ratio Lower Upper

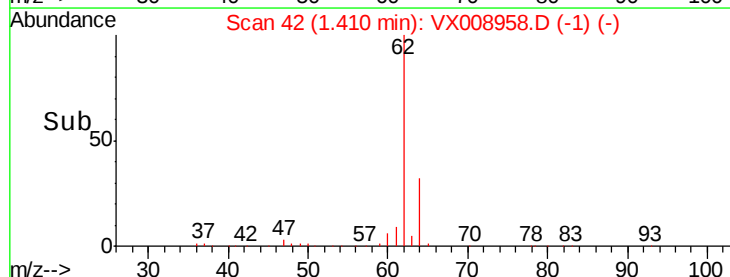
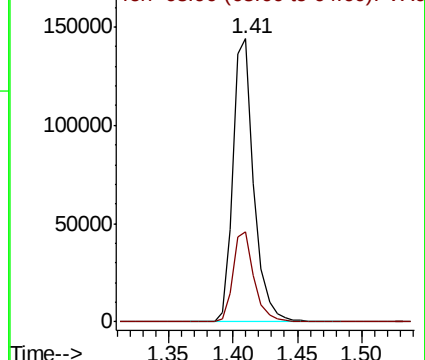
62 100

64 31.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.715 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

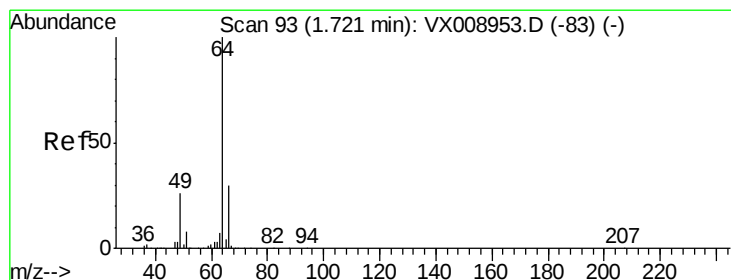
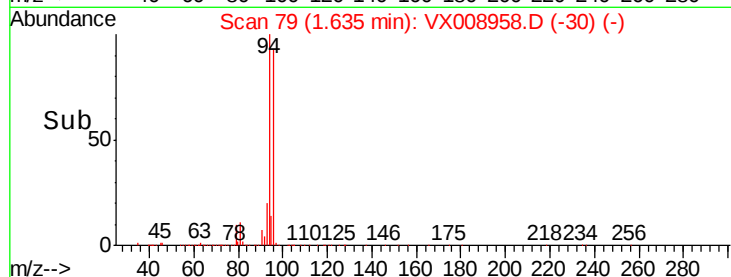
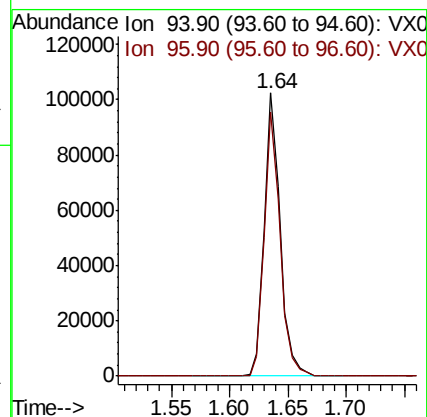
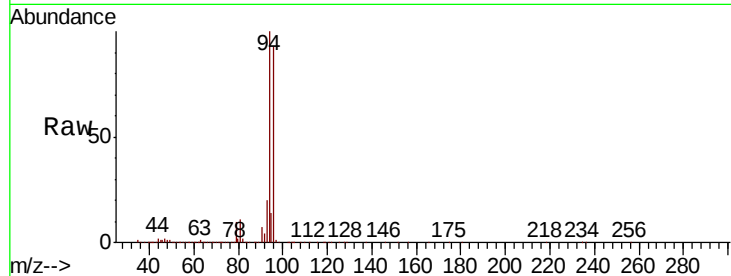
ICVVX041519

Tot Ion: 94 Resp: 98174

Ion Ratio Lower Upper

94 100

96 93.5 73.9 110.9



#6

Chloroethane

Concen: 51.837 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008958.D

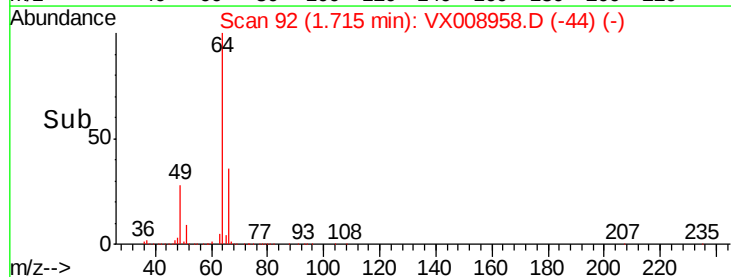
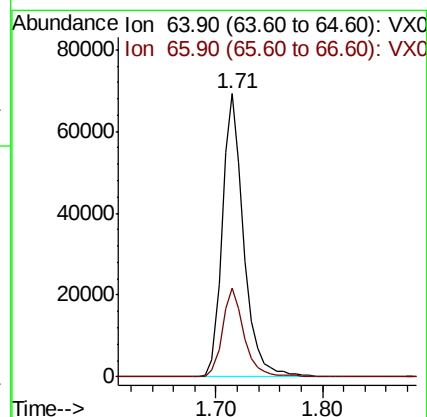
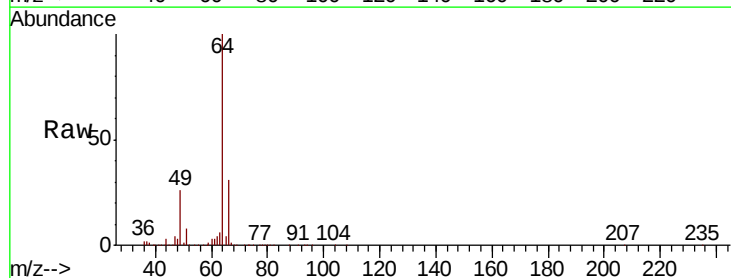
Acq: 15 Apr 2019 13:49

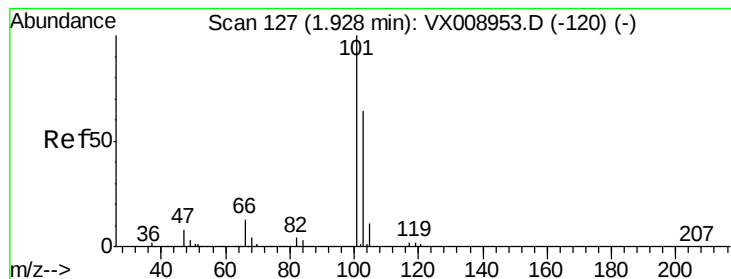
Tgt Ion: 64 Resp: 96171

Ion Ratio Lower Upper

64 100

66 31.4 24.2 36.2



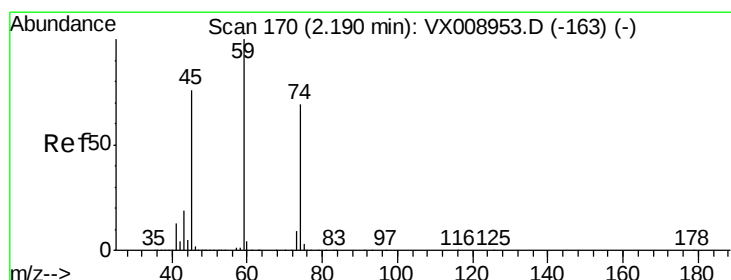
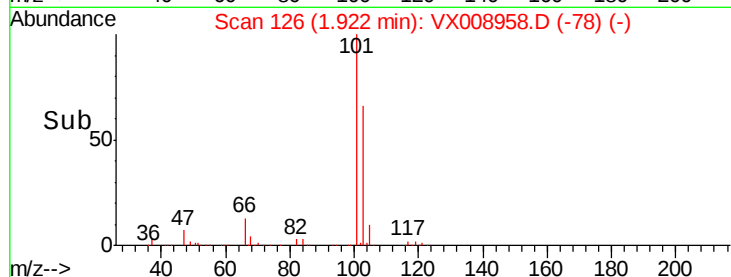
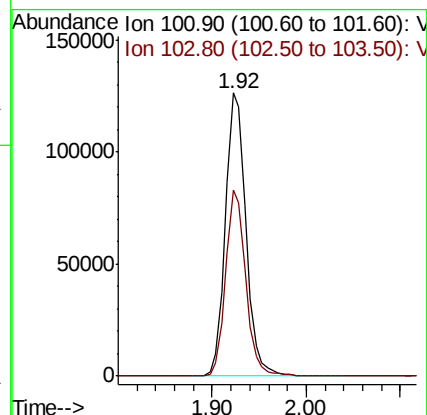
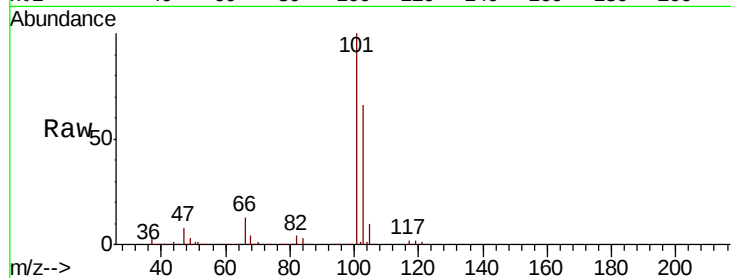


#7

Trichlorofluoromethane
Concen: 51.937 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
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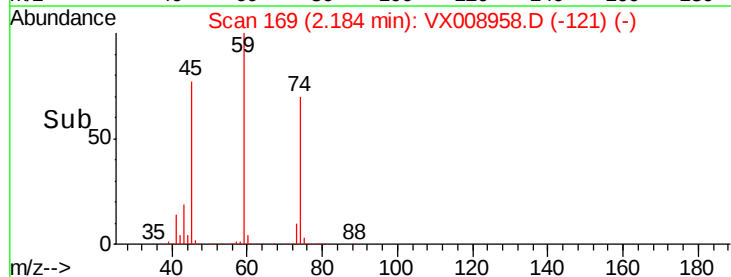
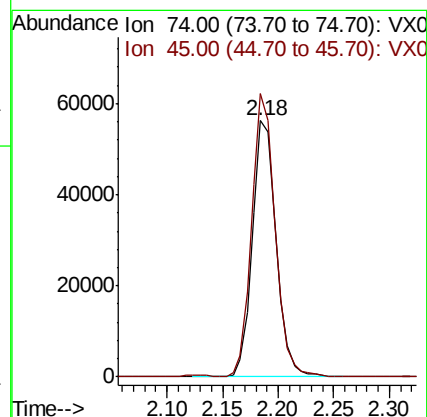
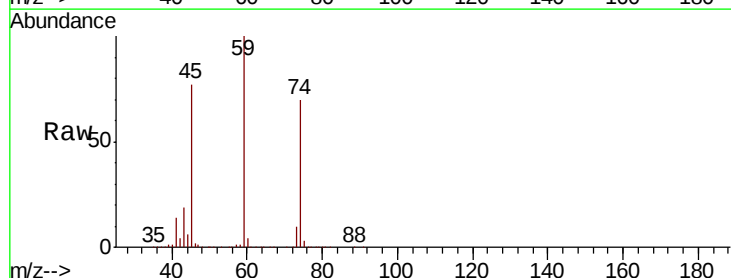
Tot Ion:101 Resp: 191318
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.6



#8

Diethyl Ether
Concen: 49.709 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 74 Resp: 83742
Ion Ratio Lower Upper
74 100
45 108.0 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.632 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

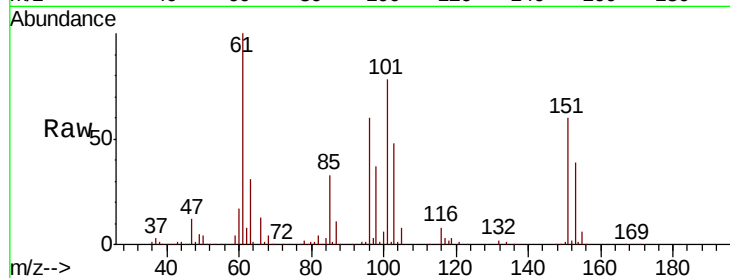
Tot Ion:101 Resp: 123959

Ion Ratio Lower Upper

101 100

85 43.6 35.7 53.5

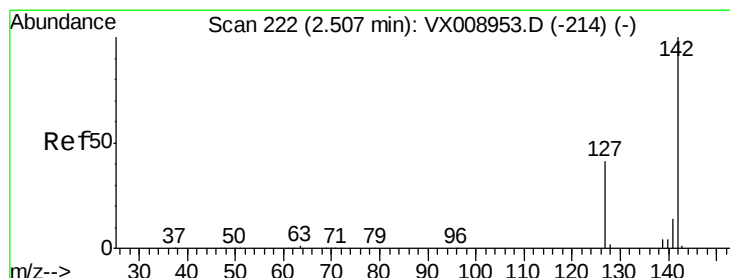
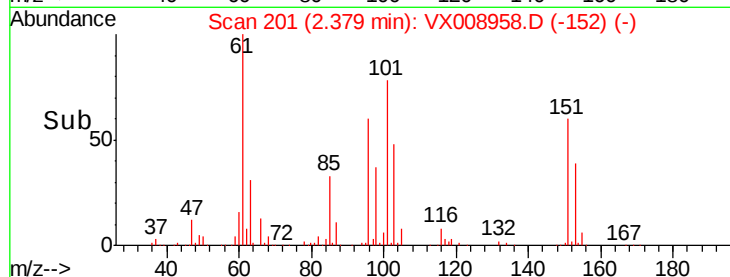
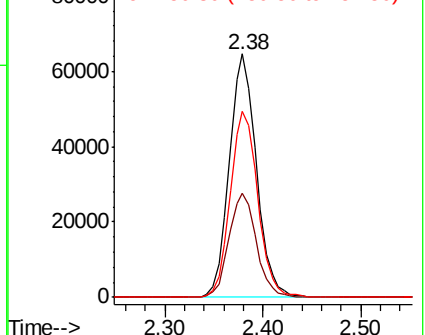
151 77.8 62.7 94.1



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: 47.288 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

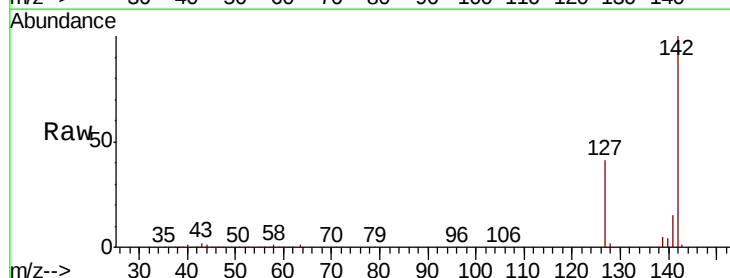
Tgt Ion:142 Resp: 121095

Ion Ratio Lower Upper

142 100

127 40.7 32.8 49.2

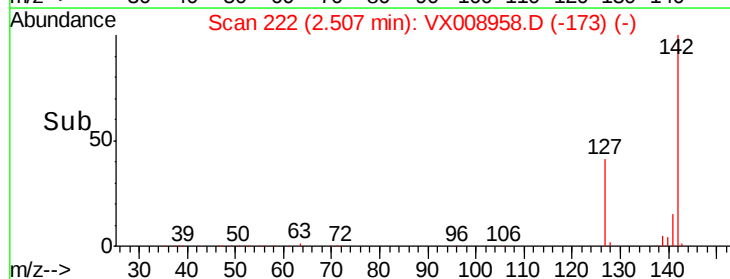
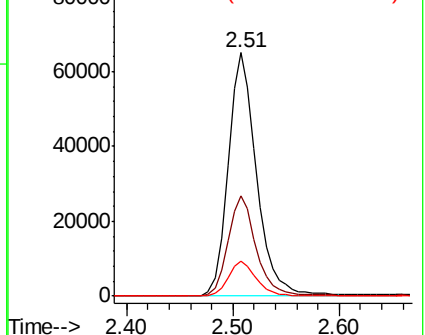
141 14.4 11.4 17.2

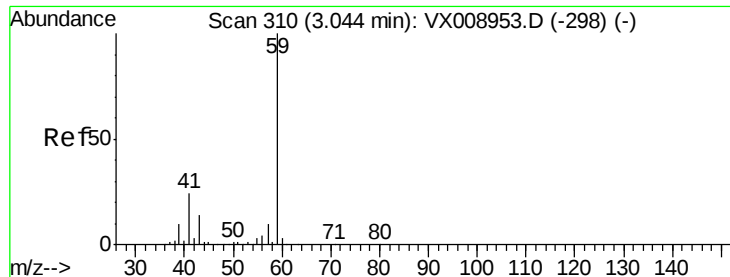


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

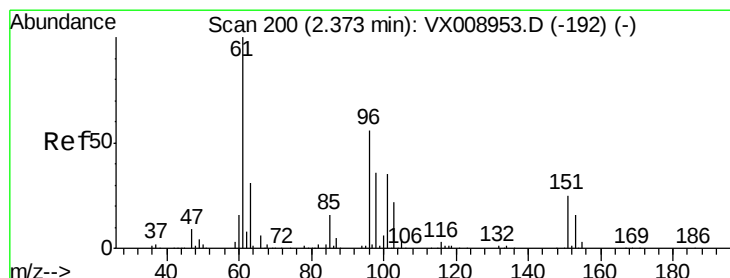
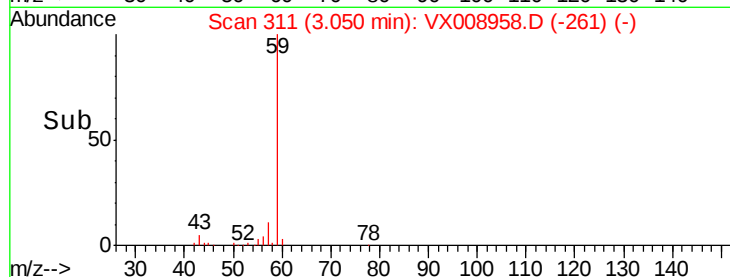
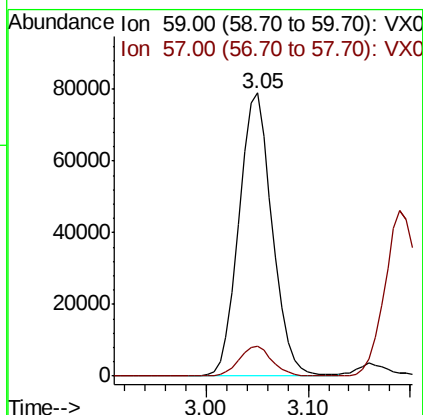
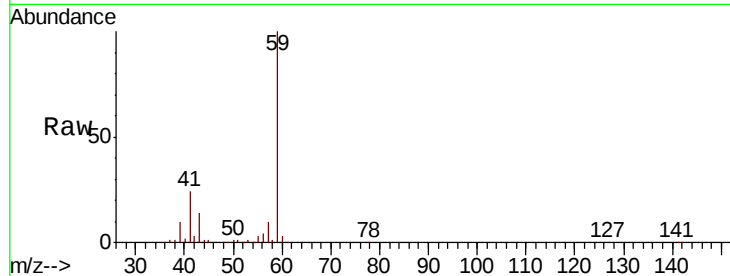




#11
Tert butyl alcohol
Concen: 249.042 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

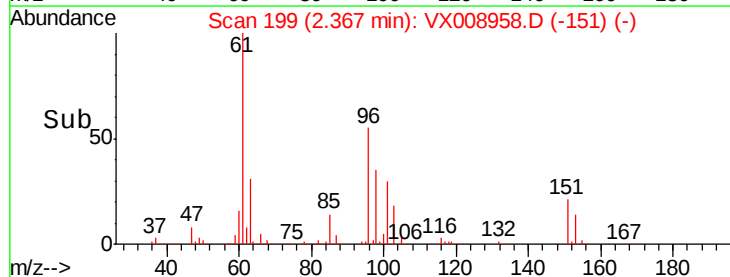
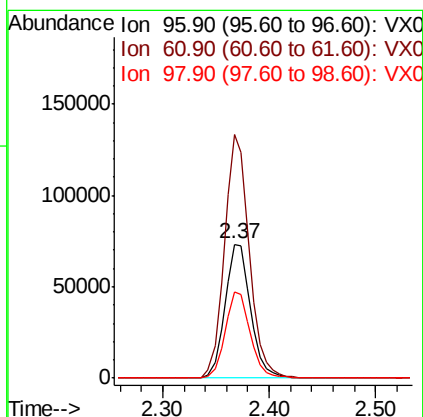
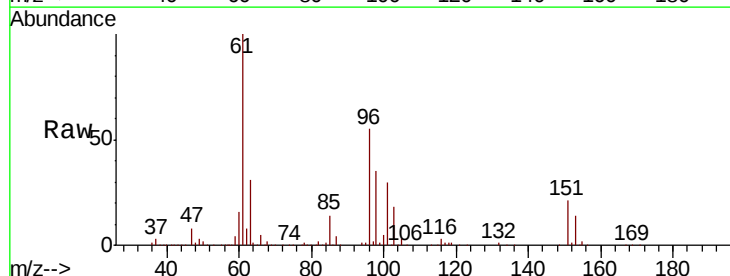
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

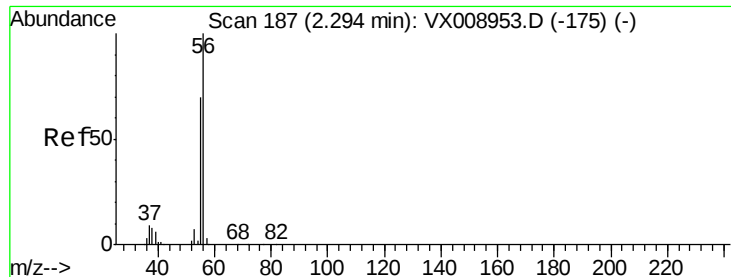
Tot Ion: 59 Resp: 178592
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.031 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 96 Resp: 122993
Ion Ratio Lower Upper
96 100
61 181.7 142.2 213.2
98 63.9 50.9 76.3





#13

Acrolein

Concen: 229.973 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

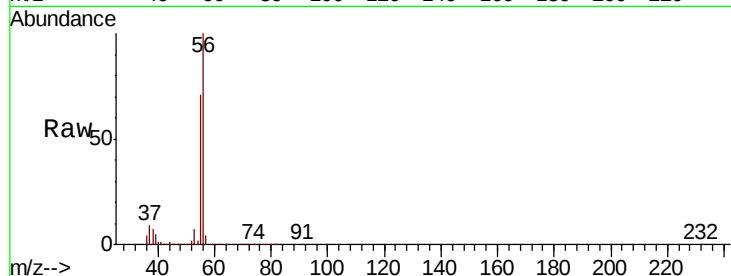
ICVVX041519

Tot Ion: 56 Resp: 142495

Ion Ratio Lower Upper

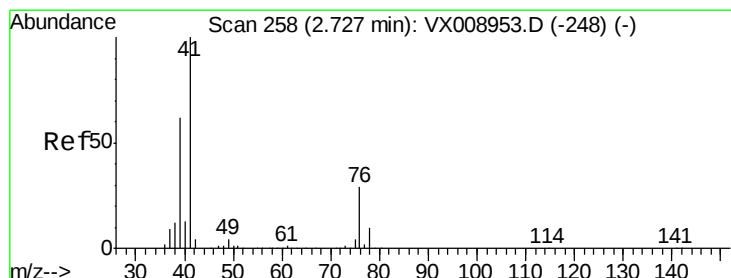
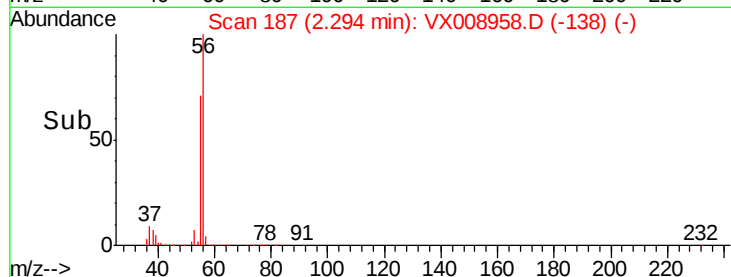
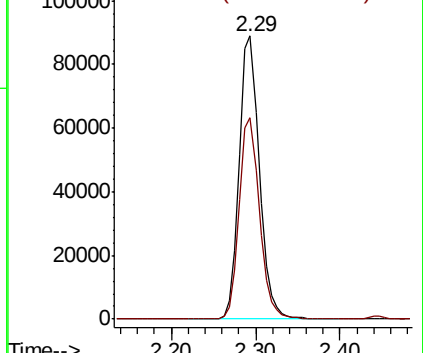
56 100

55 71.2 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.341 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

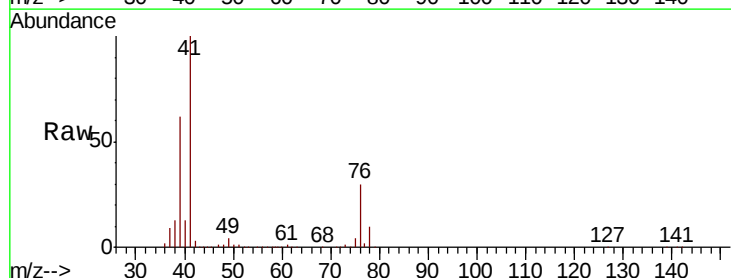
Tgt Ion: 41 Resp: 280724

Ion Ratio Lower Upper

41 100

39 58.9 46.7 70.1

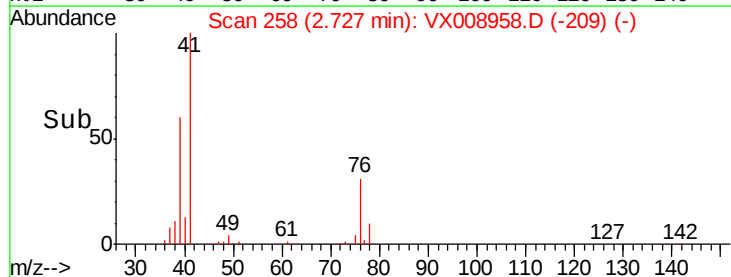
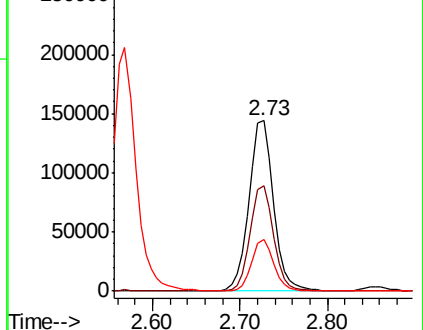
76 27.7 22.0 33.0

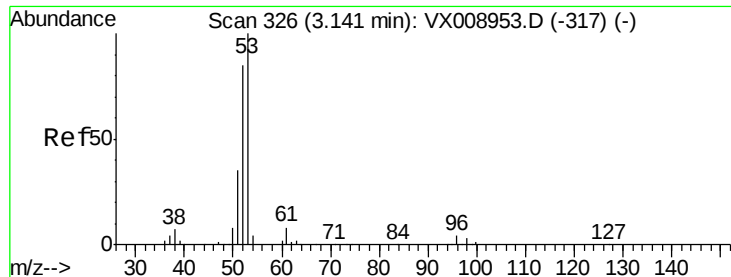


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 249.267 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

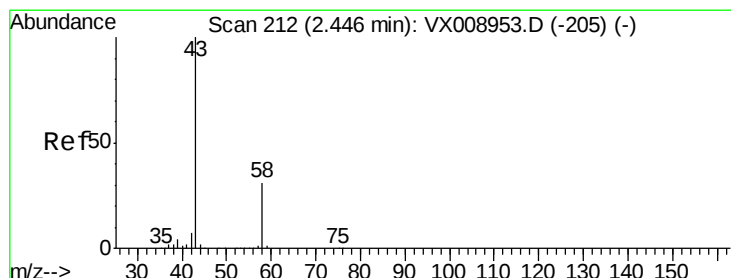
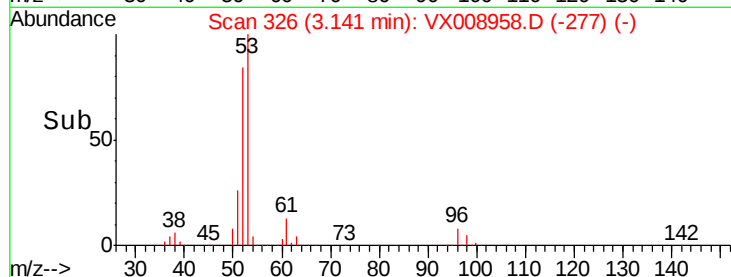
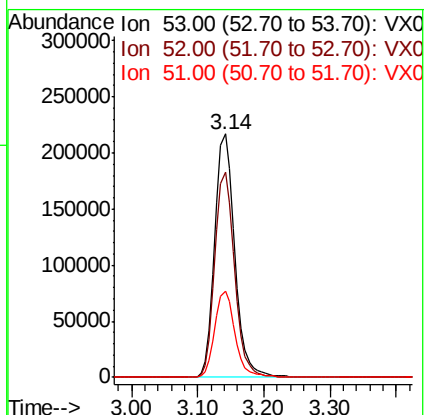
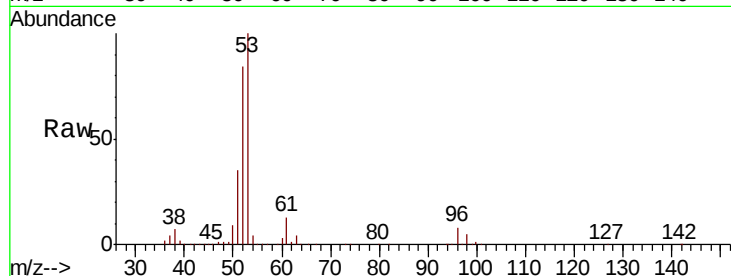
Tot Ion: 53 Resp: 453762

Ion Ratio Lower Upper

53 100

52 83.9 66.6 100.0

51 35.9 28.3 42.5



#16

Acetone

Concen: 245.021 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008958.D

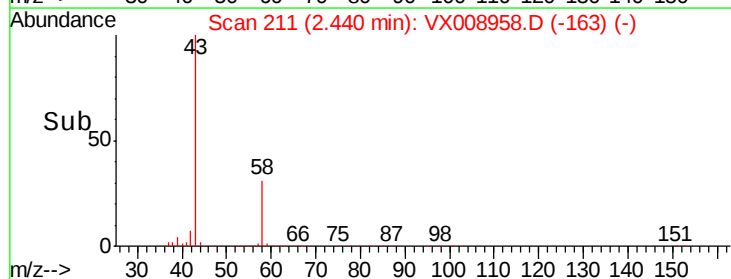
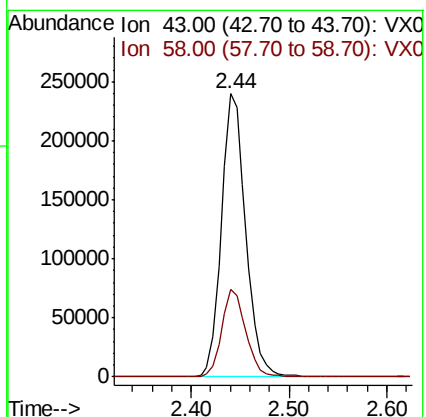
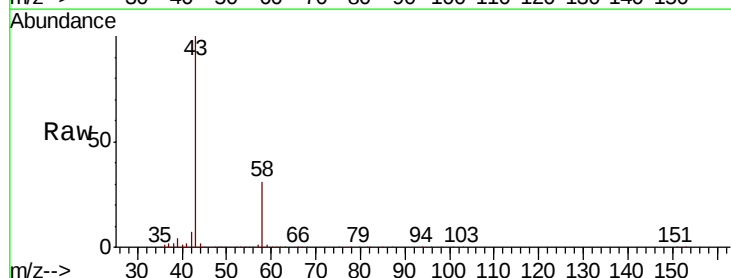
Acq: 15 Apr 2019 13:49

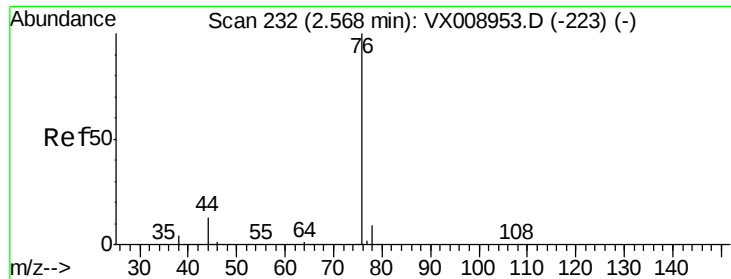
Tgt Ion: 43 Resp: 410493

Ion Ratio Lower Upper

43 100

58 30.9 24.8 37.2

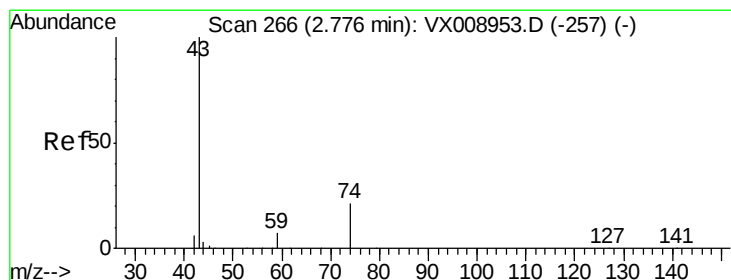
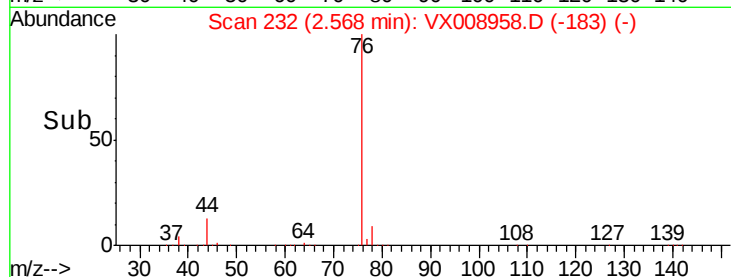
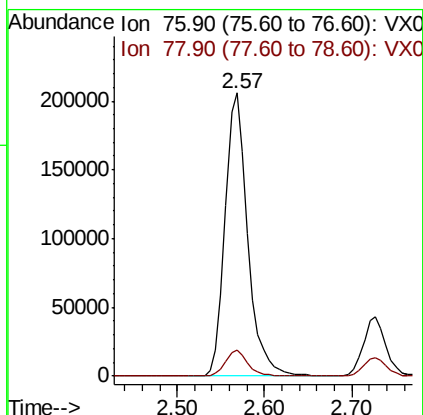
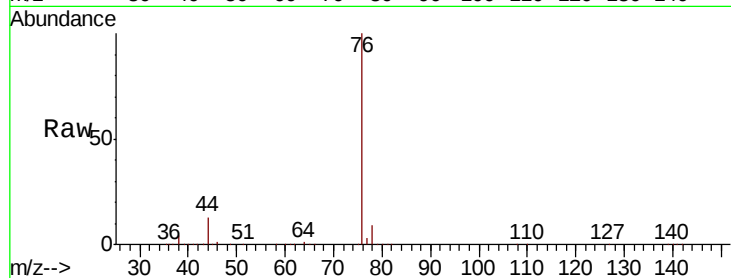




#17
Carbon Disulfide
Concen: 51.200 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

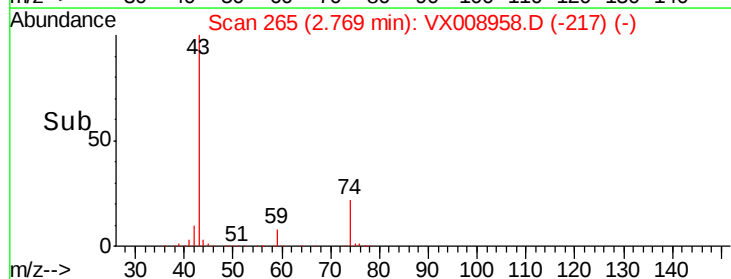
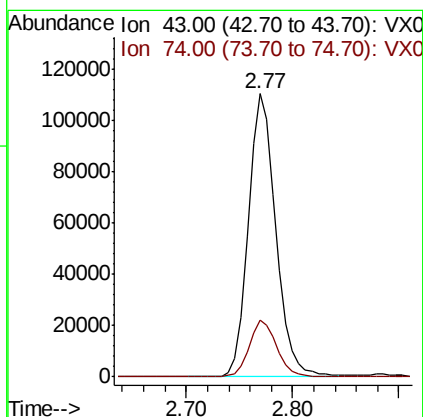
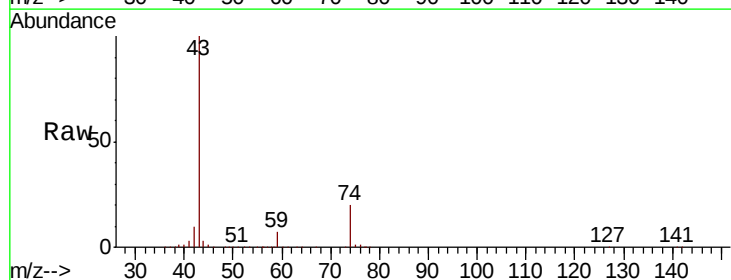
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

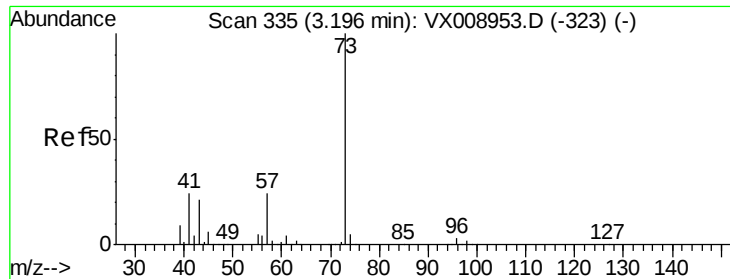
Tot Ion: 76 Resp: 370087
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 47.689 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 43 Resp: 199399
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0

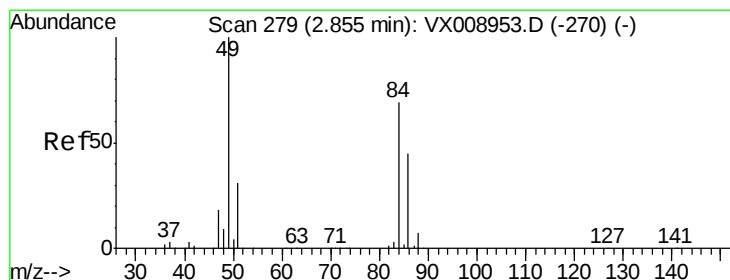
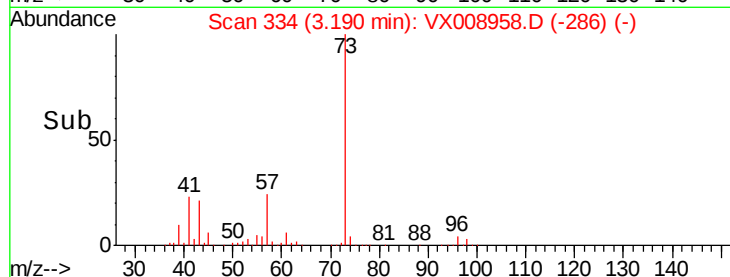
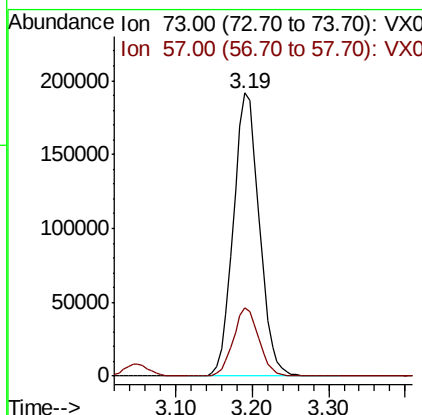
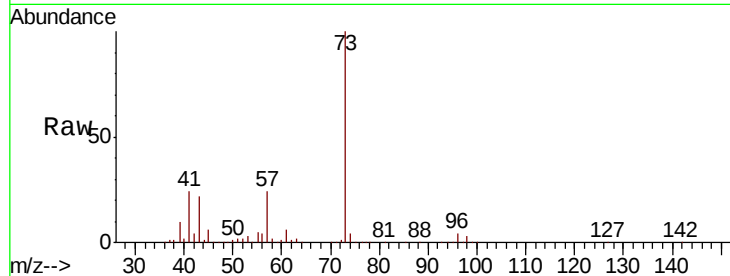




#19
Methyl tert-butyl Ether
Concen: 51.444 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

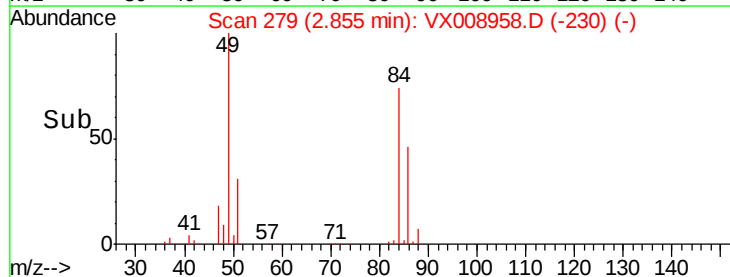
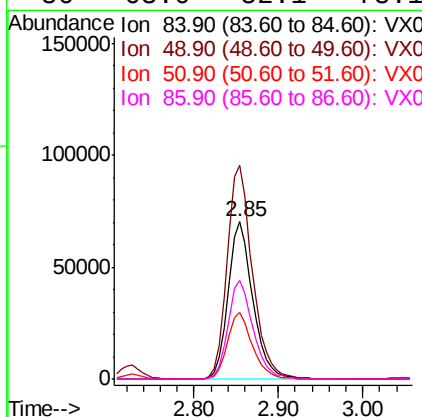
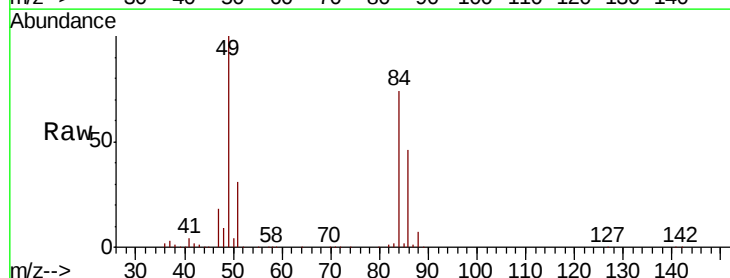
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

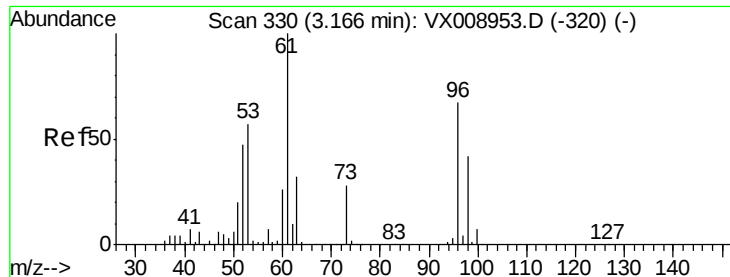
Tot Ion: 73 Resp: 450620
Ion Ratio Lower Upper
73 100
57 24.2 19.2 28.8



#20
Methylene Chloride
Concen: 48.815 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 84 Resp: 139855
Ion Ratio Lower Upper
84 100
49 135.8 115.4 173.0
51 42.0 35.8 53.6
86 63.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.492 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

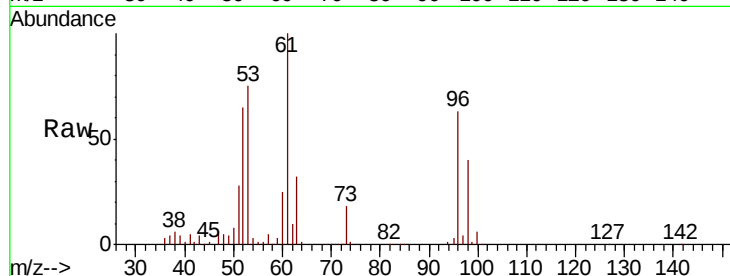
Tot Ion: 96 Resp: 129773

Ion Ratio Lower Upper

96 100

61 159.5 120.3 180.5

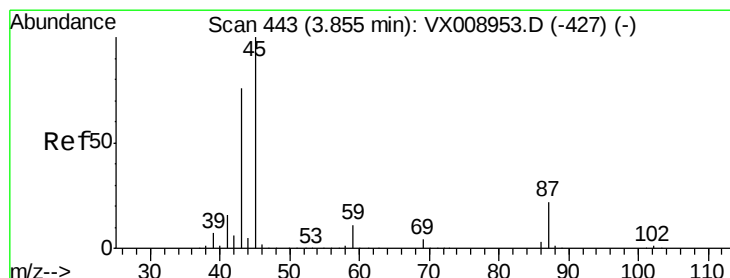
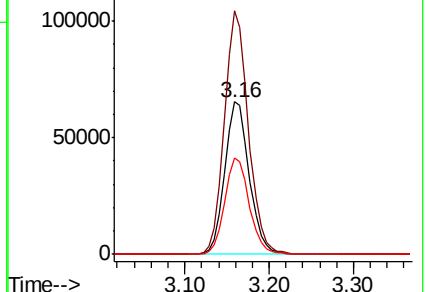
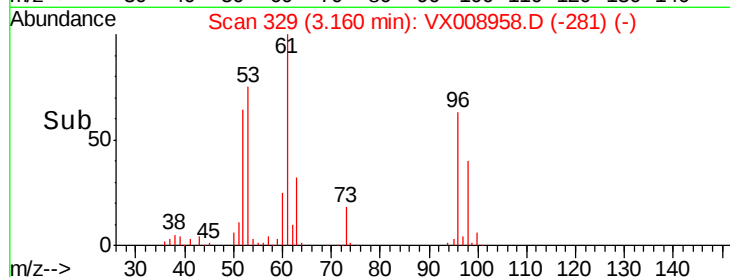
98 63.1 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.253 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion: 45 Resp: 534154

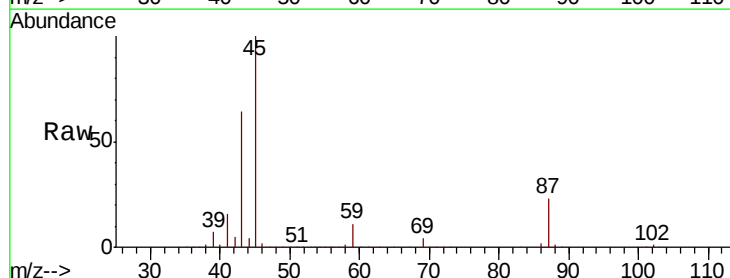
Ion Ratio Lower Upper

45 100

43 64.4 60.6 91.0

87 23.0 17.8 26.8

59 10.7 8.7 13.1

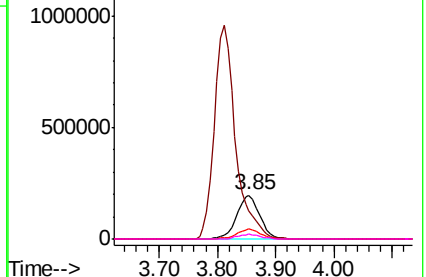
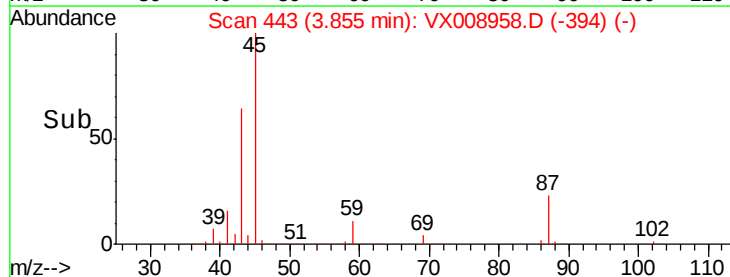


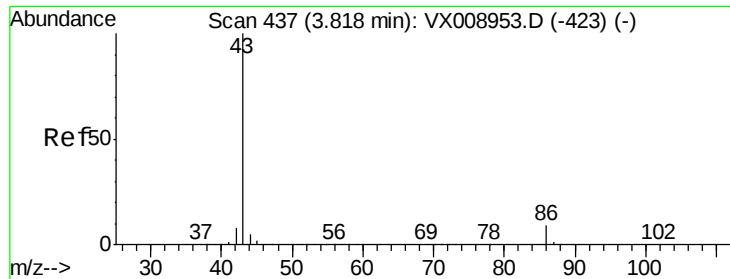
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 264.533 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampled :

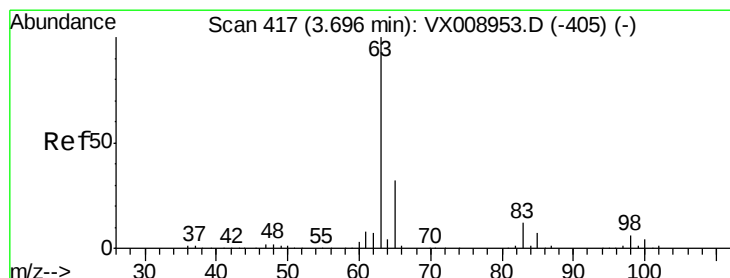
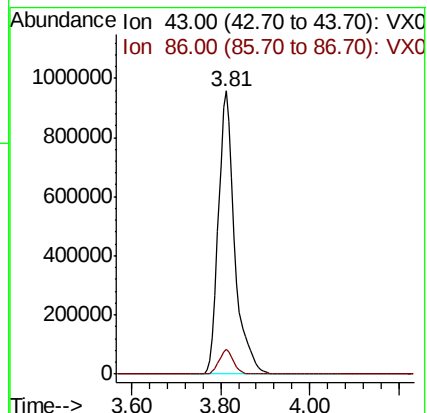
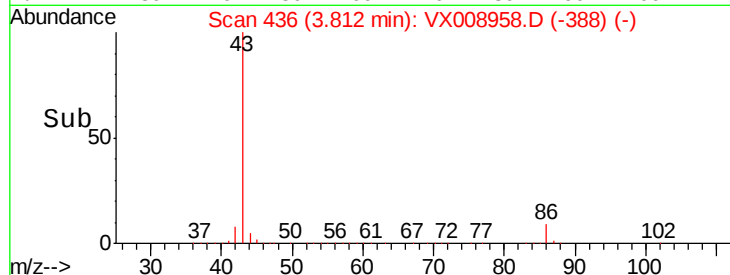
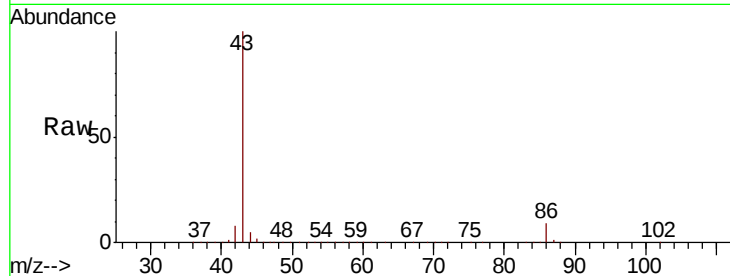
ICVVX041519

Tot Ion: 43 Resp: 2423453

Ion Ratio Lower Upper

43 100

86 8.6 7.1 10.7



#24

1,1-Dichloroethane

Concen: 50.354 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

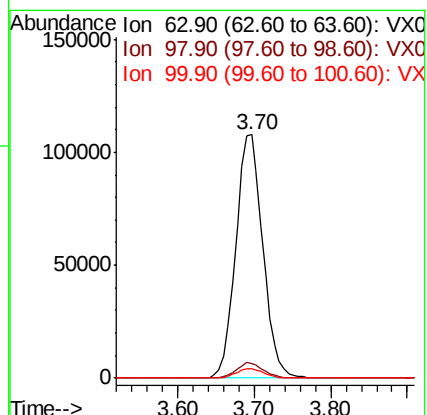
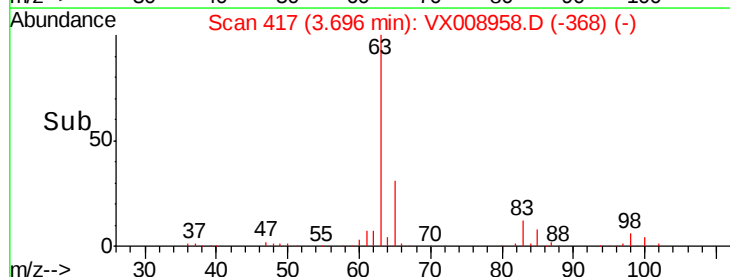
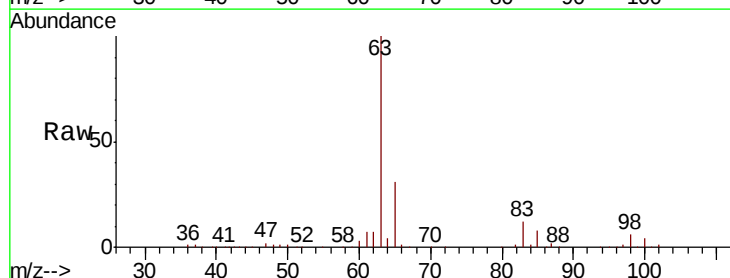
Tgt Ion: 63 Resp: 263433

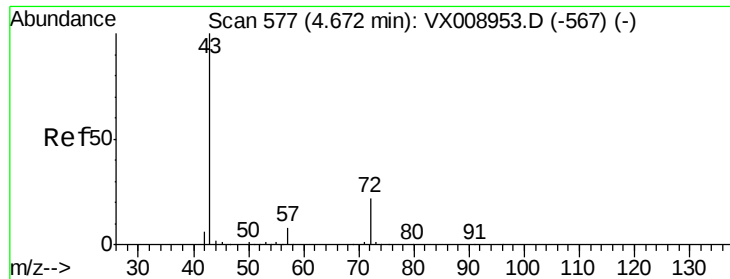
Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 3.6 1.9 5.7





#25

2-Butanone

Concen: 254.821 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

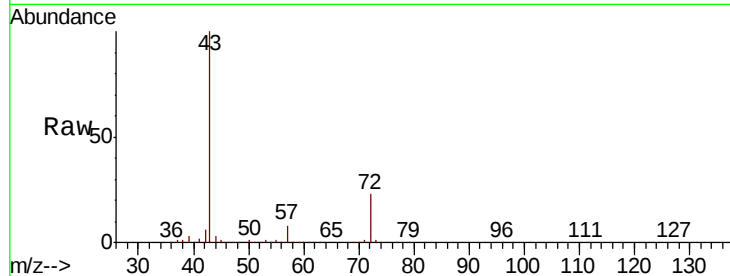
ICVVX041519

Tot Ion: 43 Resp: 682388

Ion Ratio Lower Upper

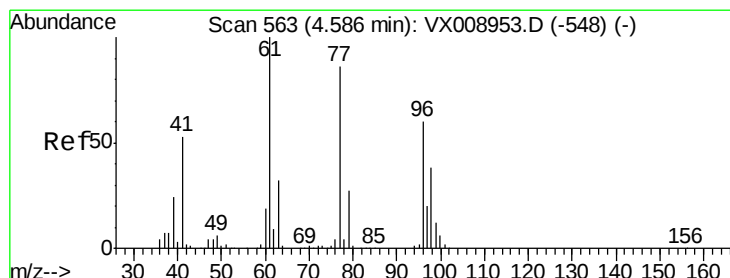
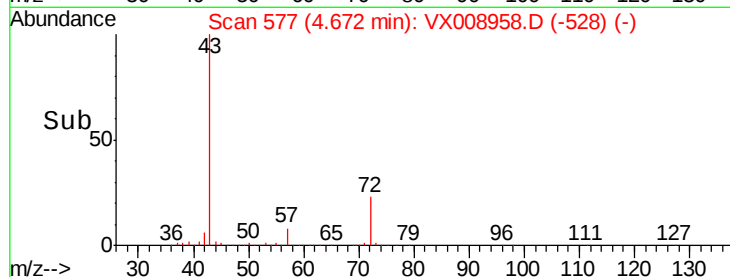
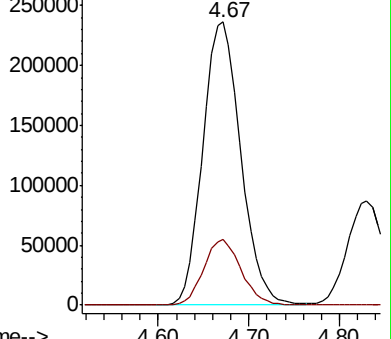
43 100

72 23.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.682 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008958.D

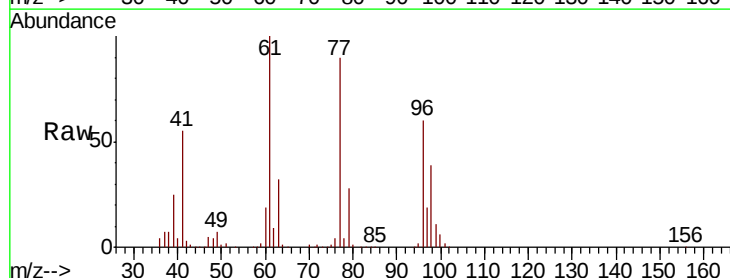
Acq: 15 Apr 2019 13:49

Tgt Ion: 77 Resp: 206596

Ion Ratio Lower Upper

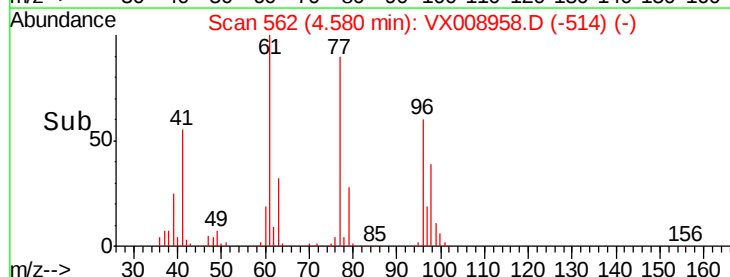
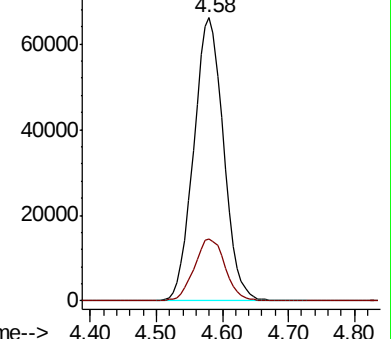
77 100

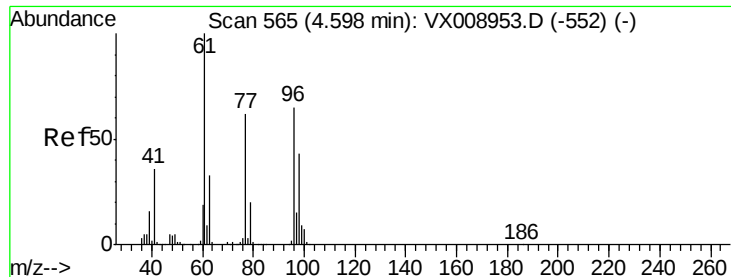
97 22.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



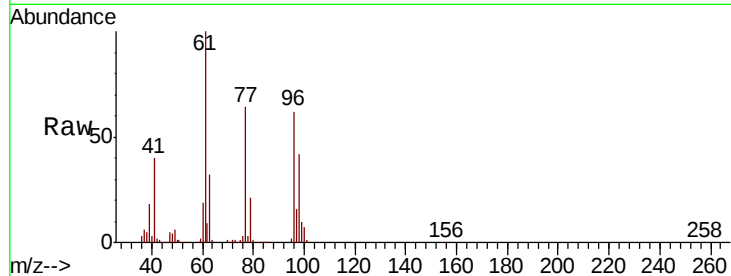


#27

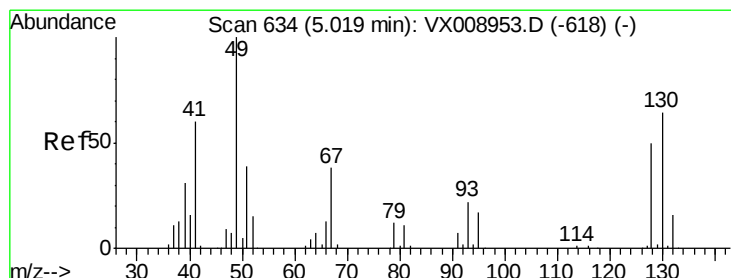
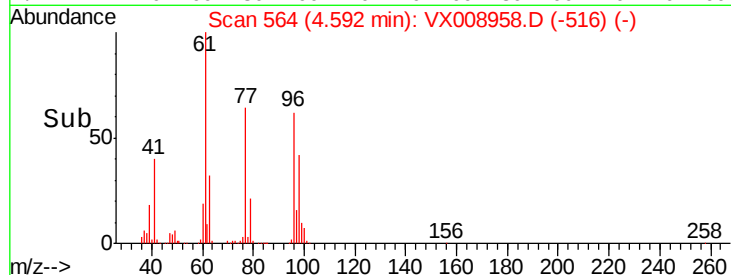
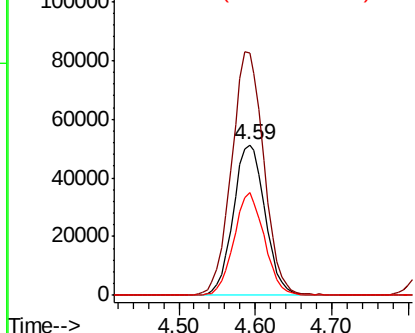
cis-1,2-Dichloroethene
Concen: 49.582 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	96	Resp	147607
Ion	Ratio	Lower	Upper
96	100		
61	164.6	0.0	322.0
98	65.6	0.0	128.4



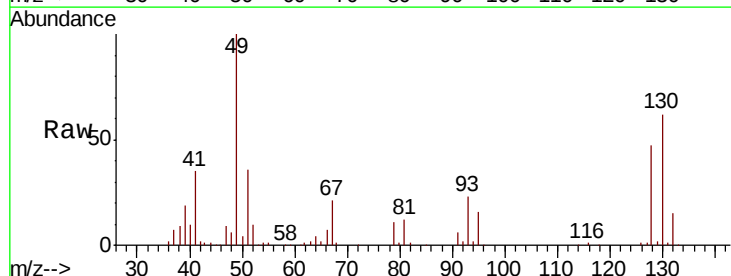
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



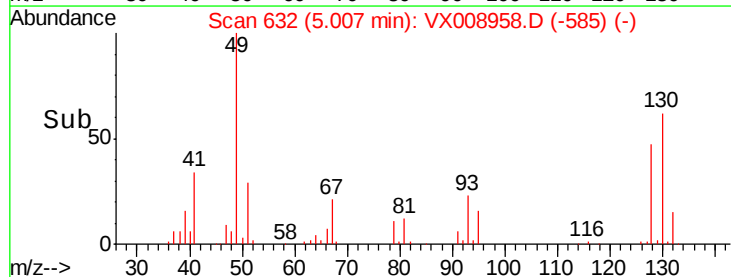
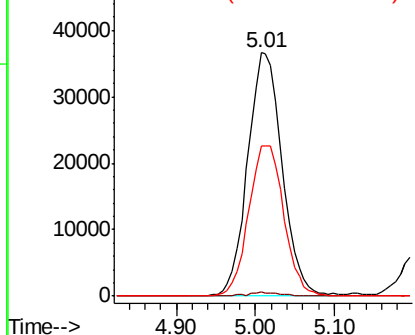
#28

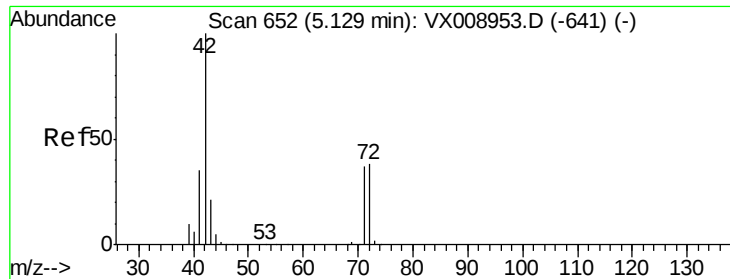
Bromochloromethane
Concen: 51.395 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	49	Resp	111564
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	63.1	50.4	75.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

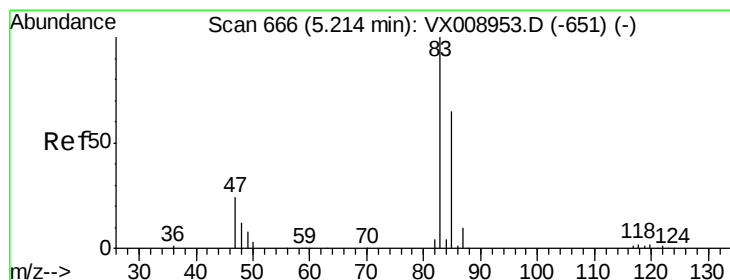
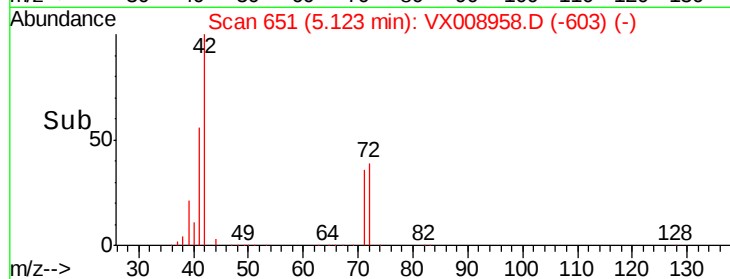
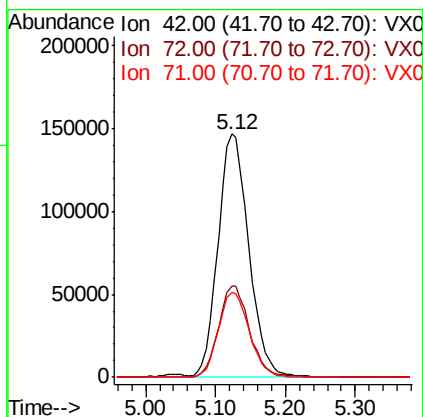
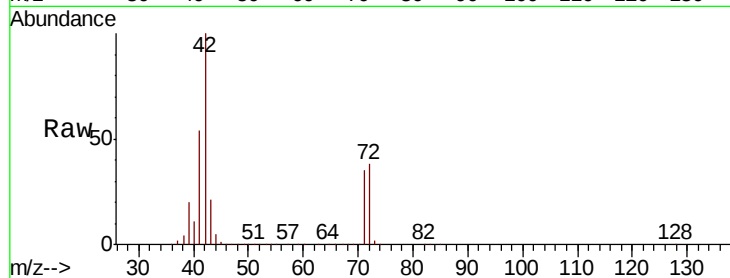




#29
Tetrahydrofuran
Concen: 249.375 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

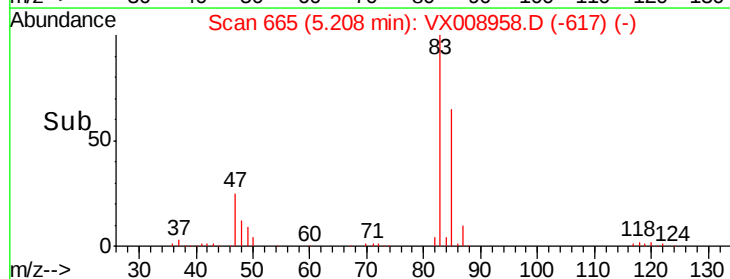
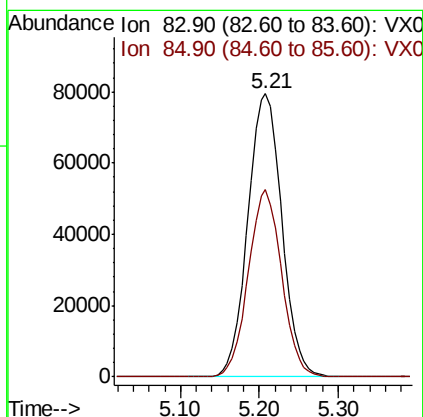
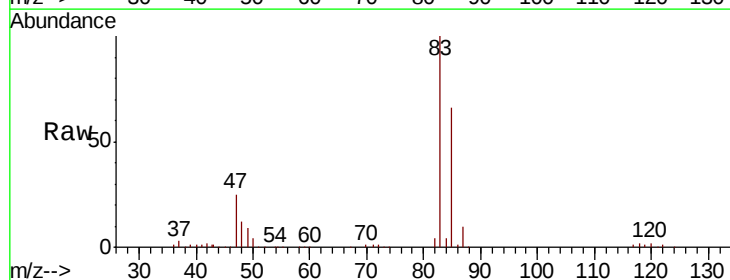
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

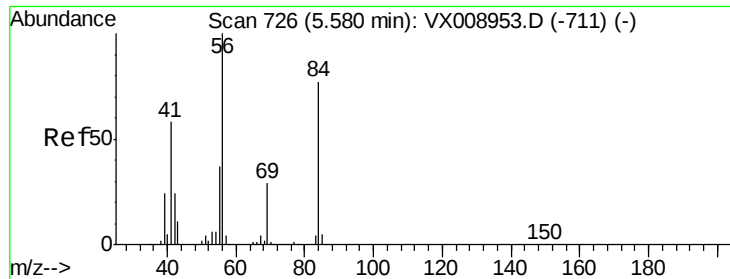
Tot Ion: 42 Resp: 446975
Ion Ratio Lower Upper
42 100
72 38.1 30.6 45.8
71 35.3 28.8 43.2



#30
Chloroform
Concen: 51.020 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 83 Resp: 238851
Ion Ratio Lower Upper
83 100
85 66.1 51.9 77.9

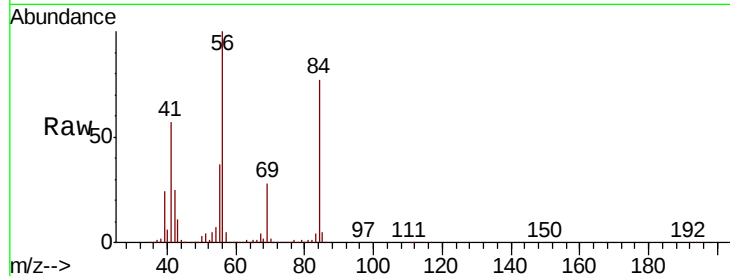




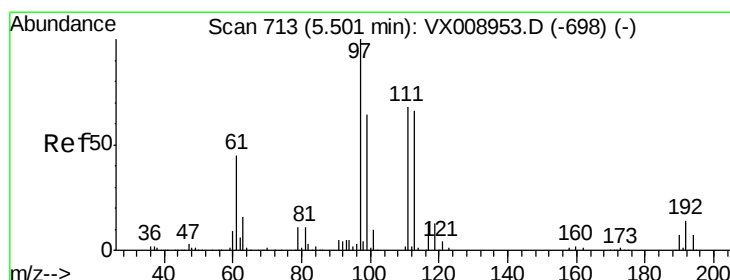
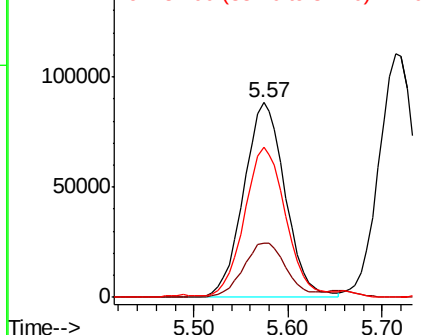
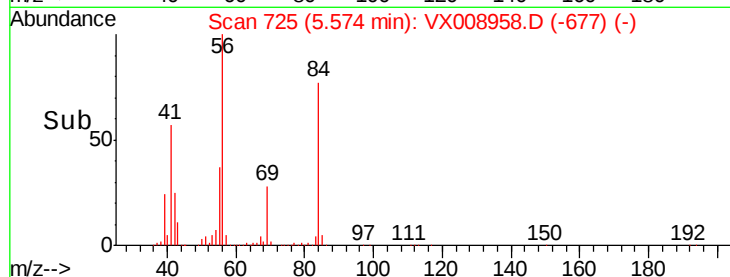
#31
Cyclohexane
Concen: 52.705 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion: 56 Resp: 271197
Ion Ratio Lower Upper
56 100
69 28.0 23.3 34.9
84 76.2 61.7 92.5

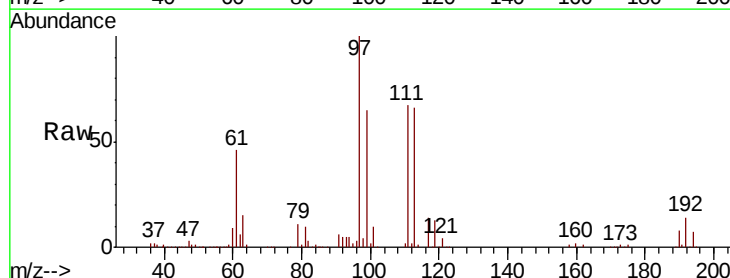


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

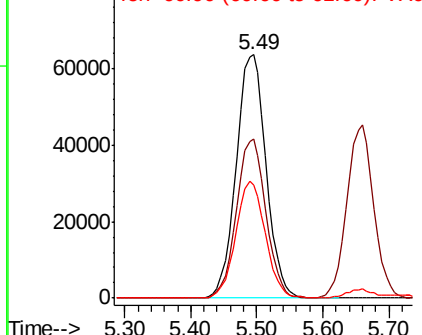
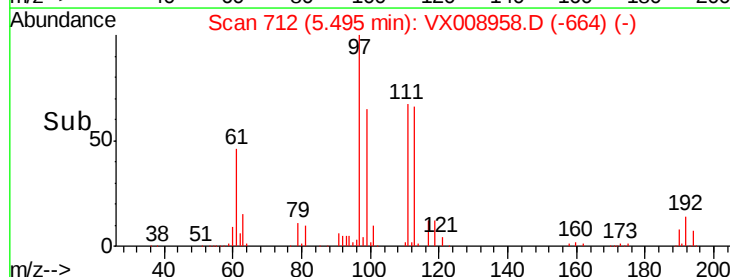


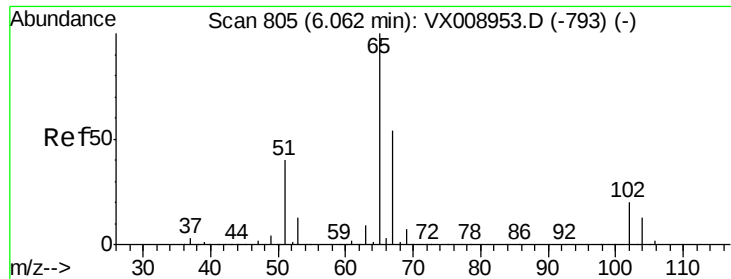
#32
1,1,1-Trichloroethane
Concen: 51.526 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 97 Resp: 199927
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 47.6 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.937 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

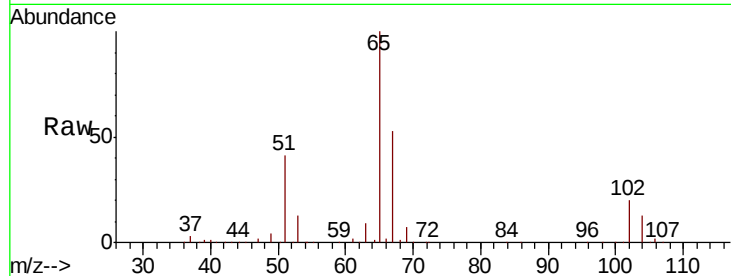
ICVVX041519

Tot Ion: 65 Resp: 161327

Ion Ratio Lower Upper

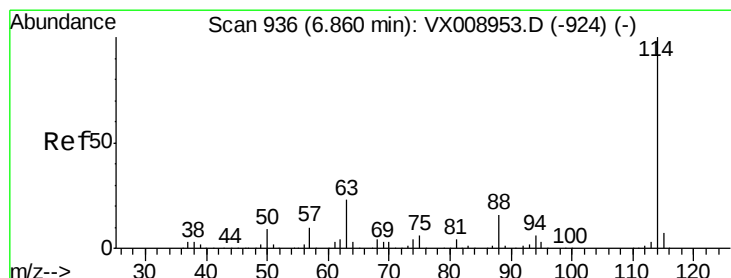
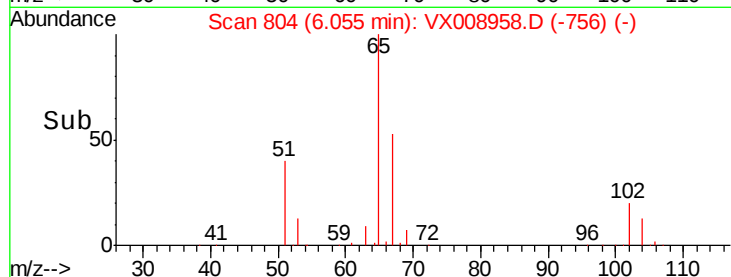
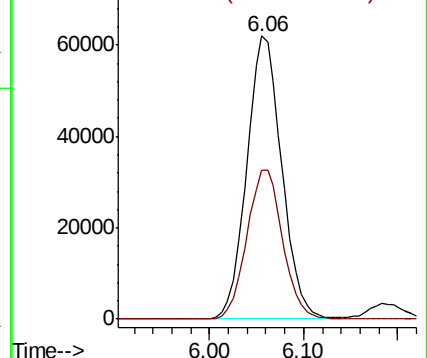
65 100

67 54.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

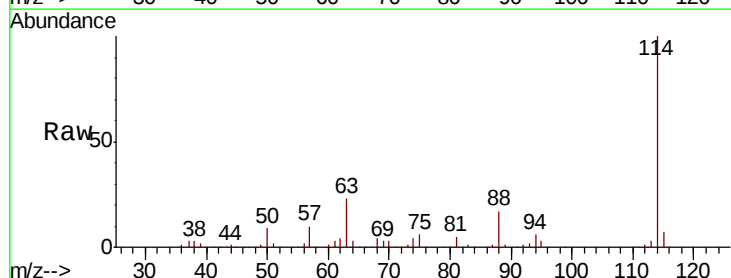
Tgt Ion: 114 Resp: 362061

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

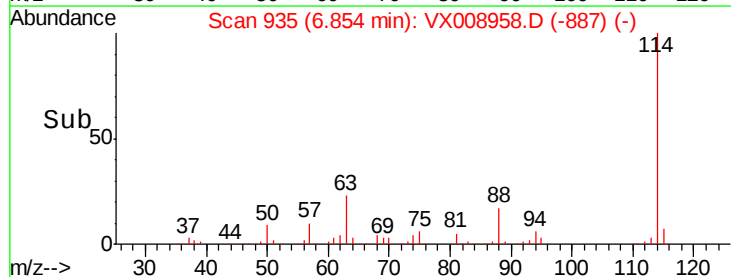
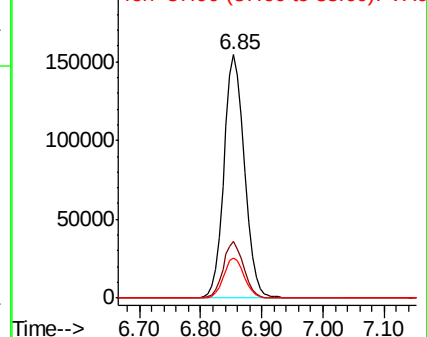
88 16.6 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.968 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

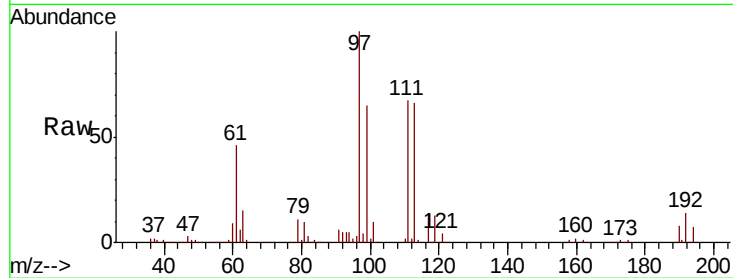
Tot Ion:113 Resp: 120755

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

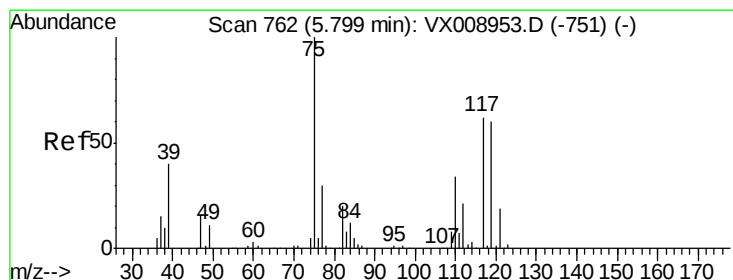
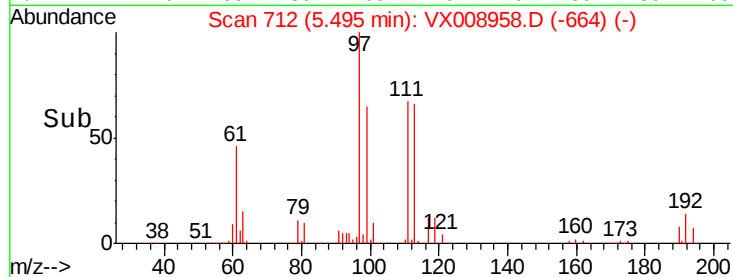
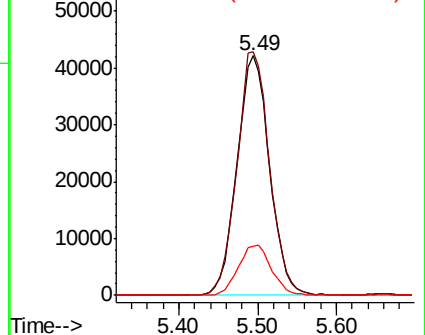
192 21.3 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.466 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

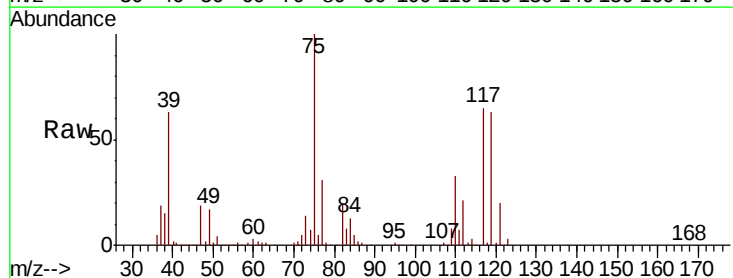
Tgt Ion: 75 Resp: 192713

Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.7

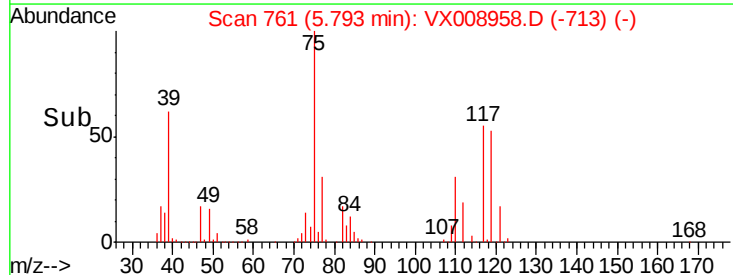
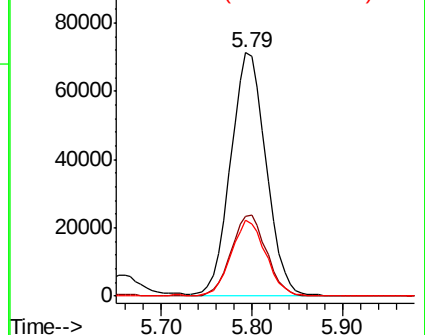
77 30.7 25.0 37.4

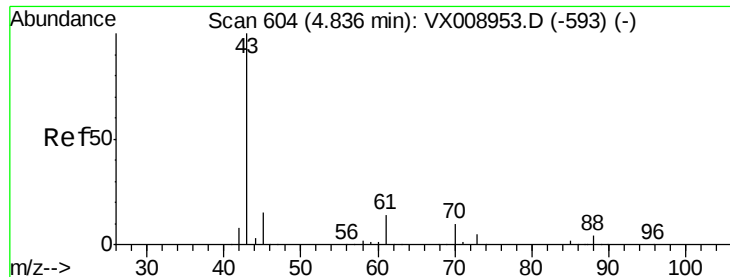


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.248 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVX041519

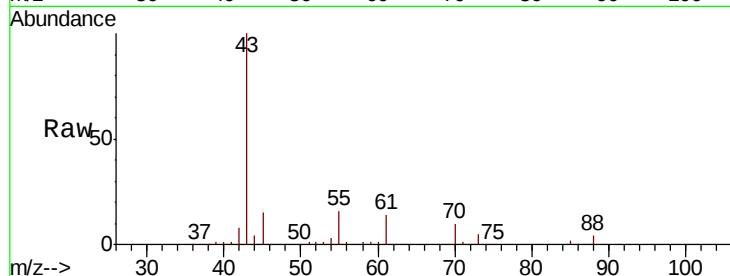
Tot Ion: 43 Resp: 256565

Ion Ratio Lower Upper

43 100

61 13.2 10.6 15.8

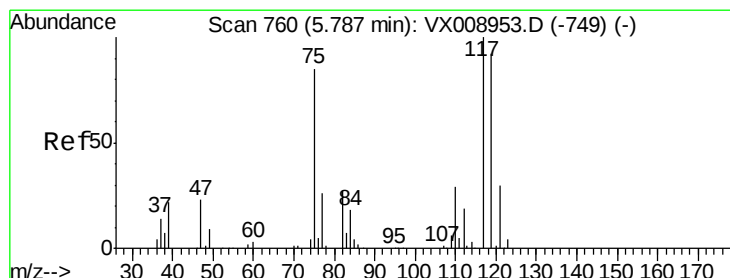
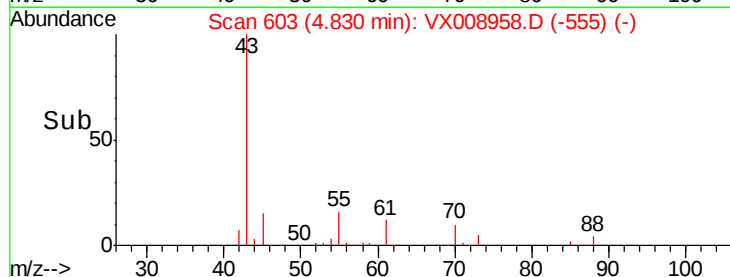
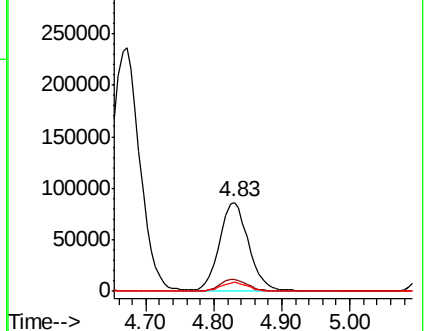
70 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 53.511 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

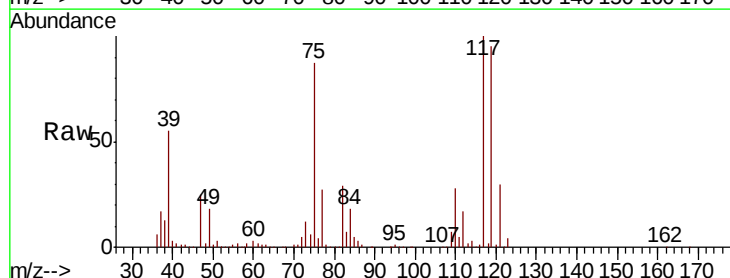
Tgt Ion: 117 Resp: 169870

Ion Ratio Lower Upper

117 100

119 95.2 73.8 110.8

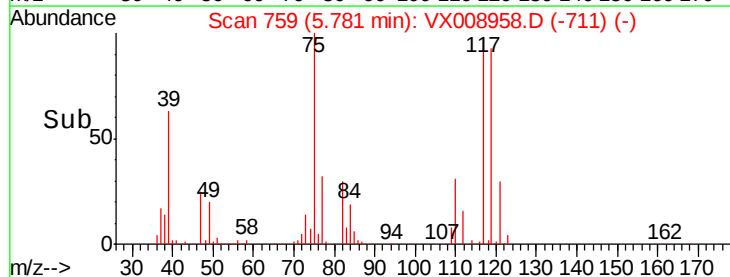
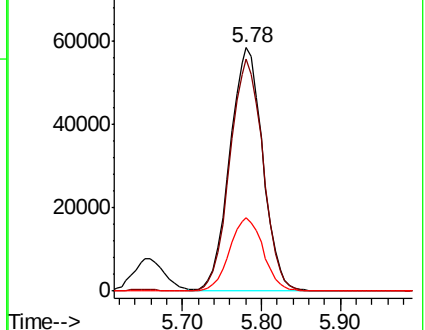
121 30.0 23.6 35.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

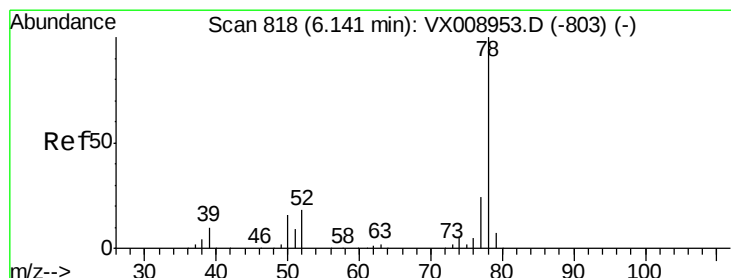
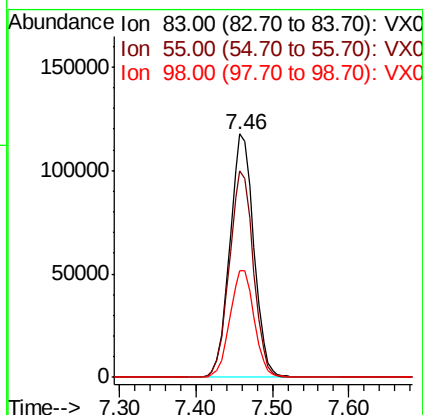
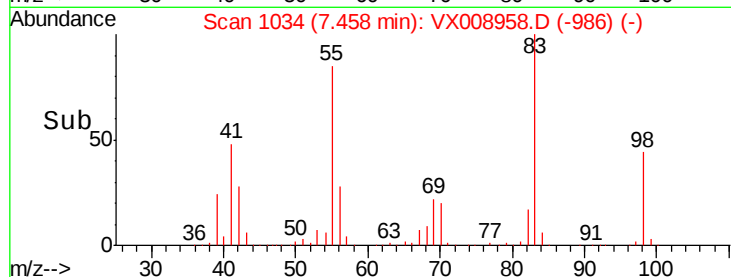
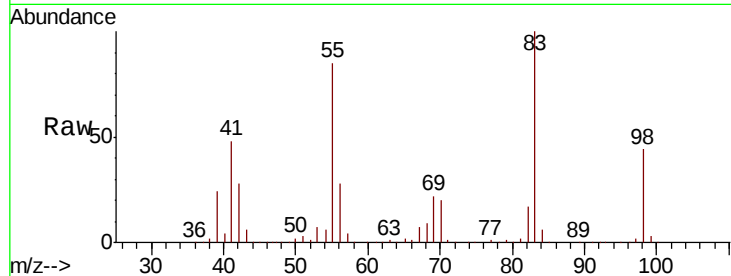




#39
Methvlcvclohexane
Concen: 55.894 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

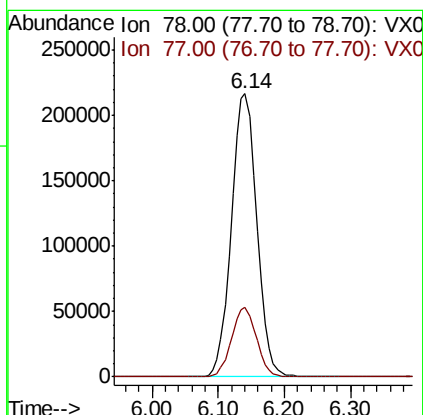
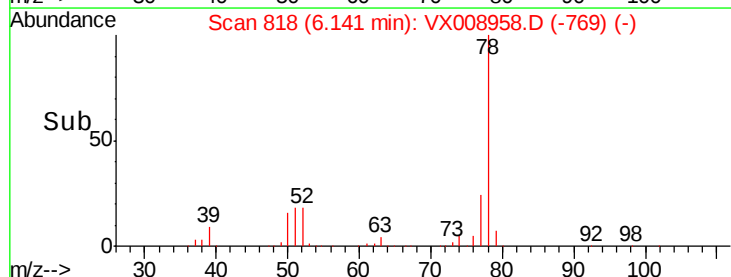
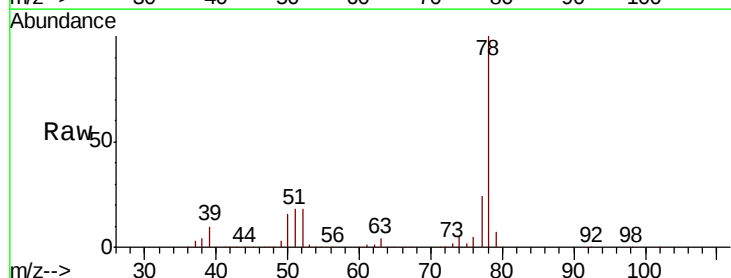
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

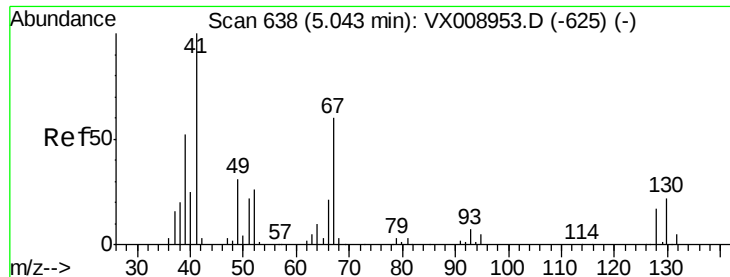
Tot Ion: 83 Resp: 254823
Ion Ratio Lower Upper
83 100
55 85.0 67.1 100.7
98 44.1 35.1 52.7



#40
Benzene
Concen: 52.167 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 78 Resp: 576267
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

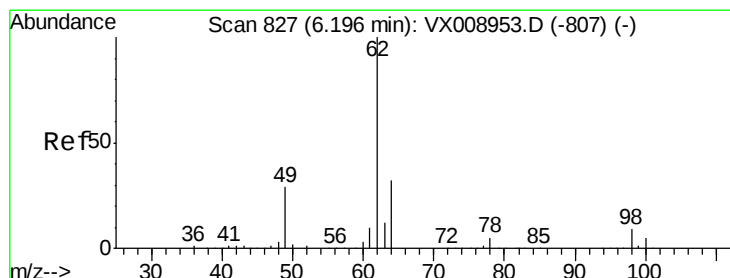
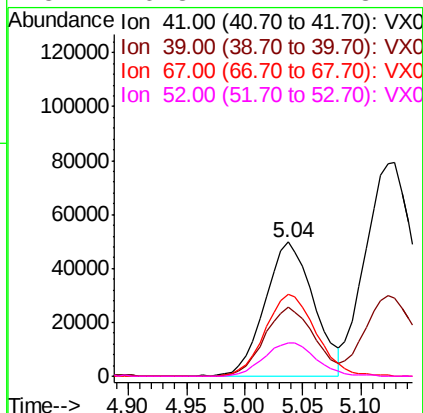
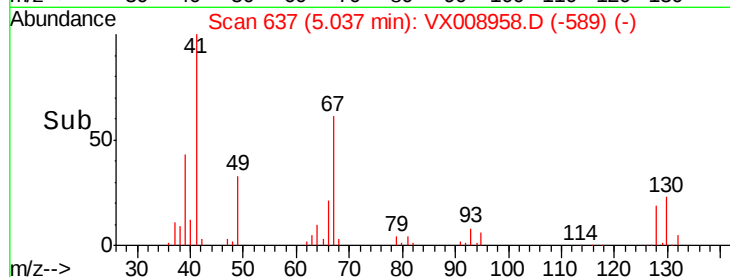
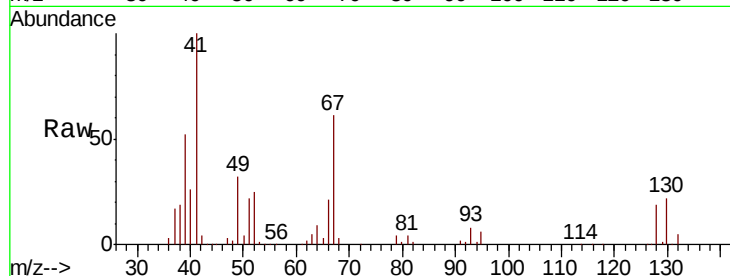




#41
Methacrylonitrile
Concen: 52.364 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

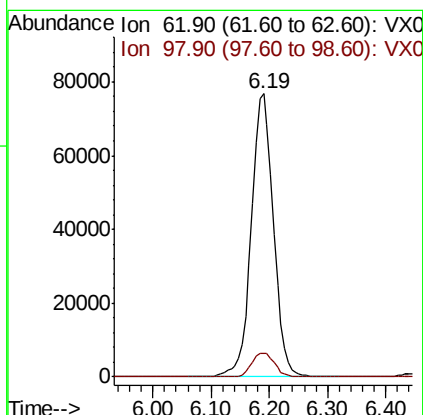
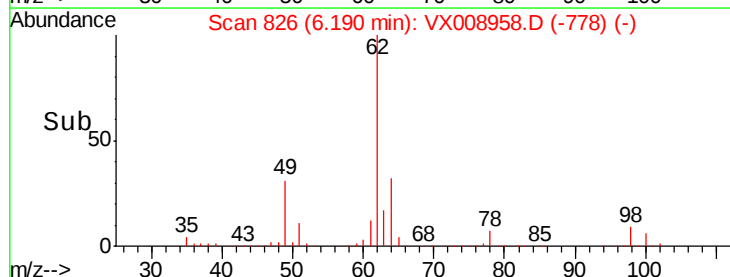
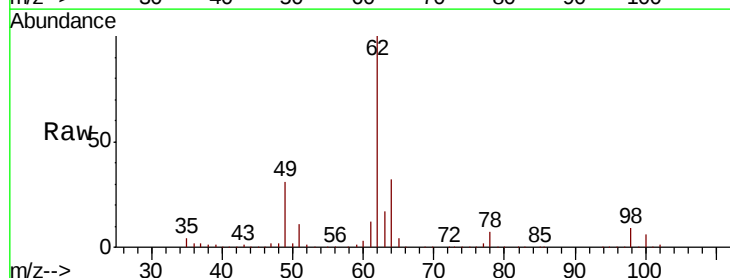
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

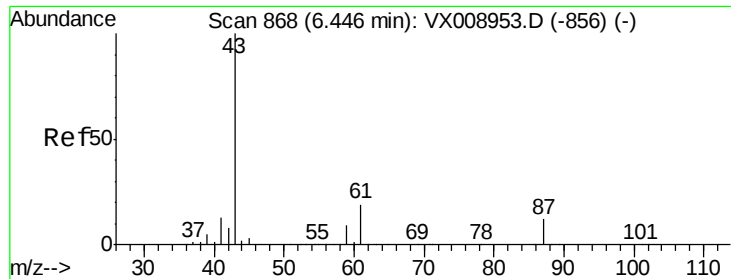
Tot Ion:	41	Resp:	144805
Ion	Ratio	Lower	Upper
41	100		
39	52.2	41.8	62.6
67	63.7	50.2	75.4
52	26.3	21.1	31.7



#42
1,2-Dichloroethane
Concen: 51.790 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion:	62	Resp:	202661
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4



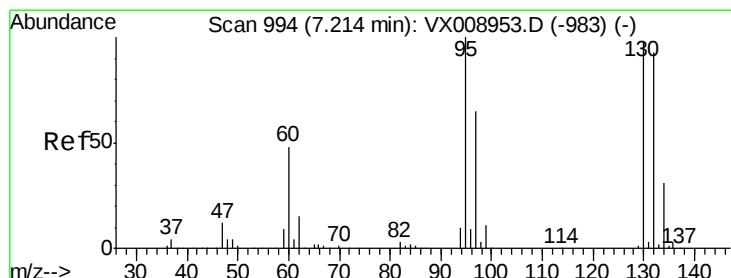
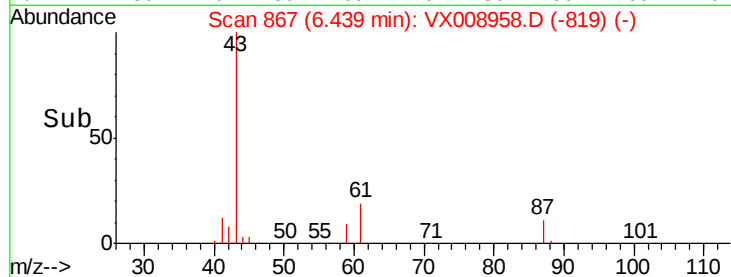
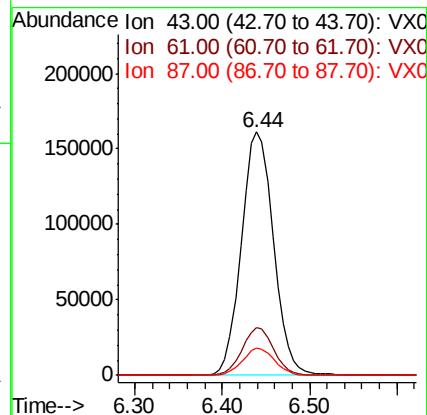
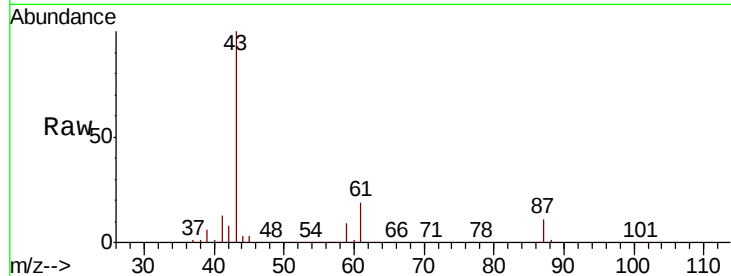


#43

Isopropyl Acetate
 Concen: 52.889 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

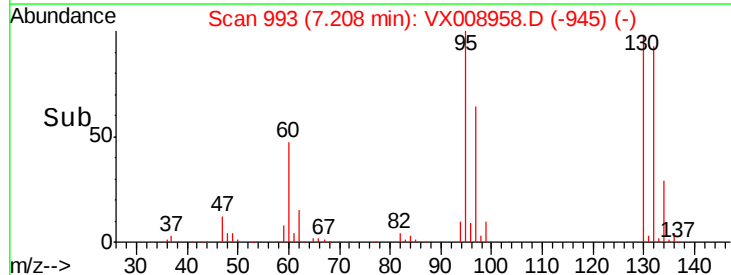
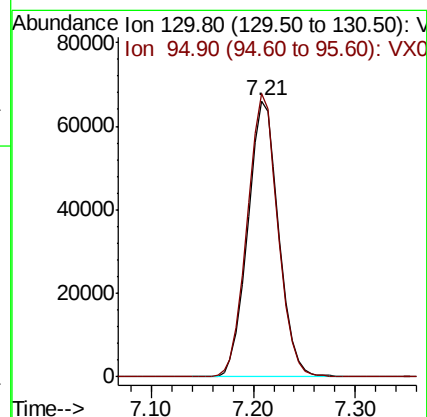
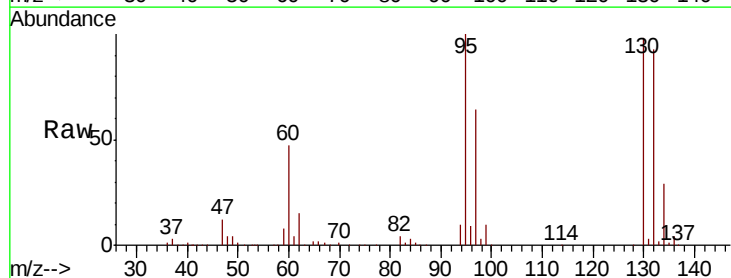
Tot Ion: 43 Resp: 410670
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.4 23.0
 87 11.2 9.0 13.4

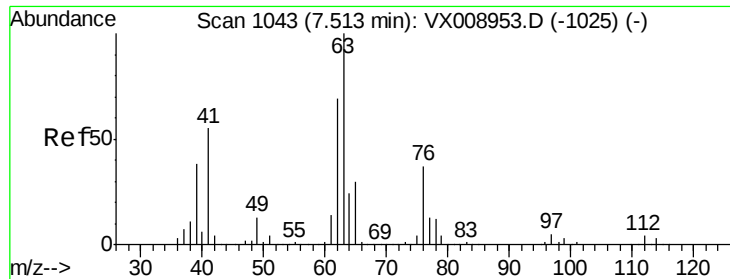


#44

Trichloroethene
 Concen: 51.366 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion:130 Resp: 139029
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 203.2





#45

1,2-Dichloropropane

Concen: 52.288 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

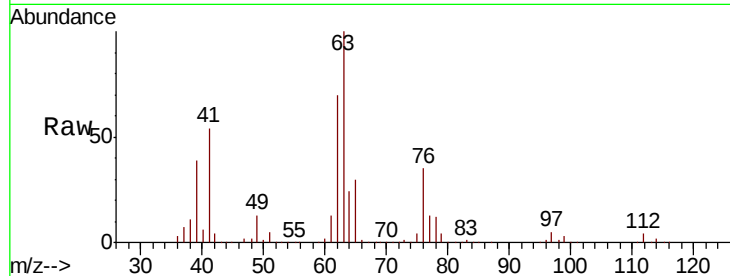
ICVVX041519

Tot Ion: 63 Resp: 160240

Ion Ratio Lower Upper

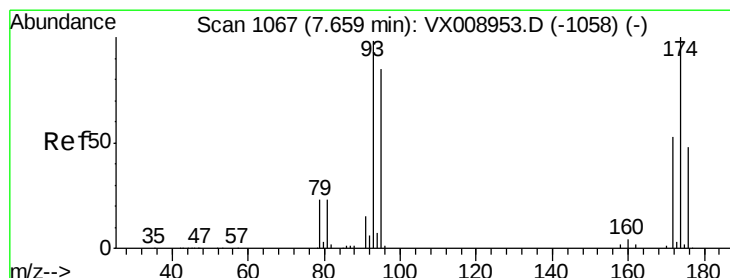
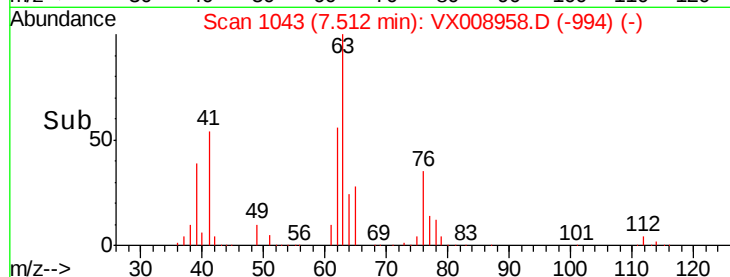
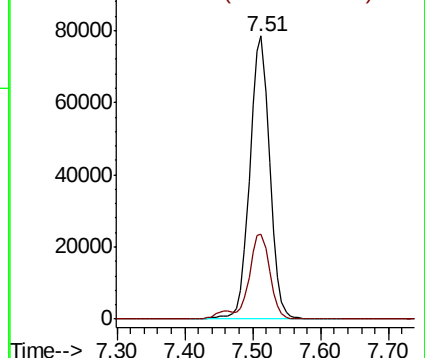
63 100

65 29.8 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.318 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

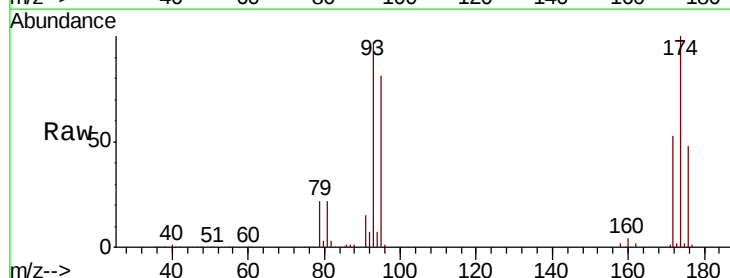
Tgt Ion: 93 Resp: 91526

Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.4

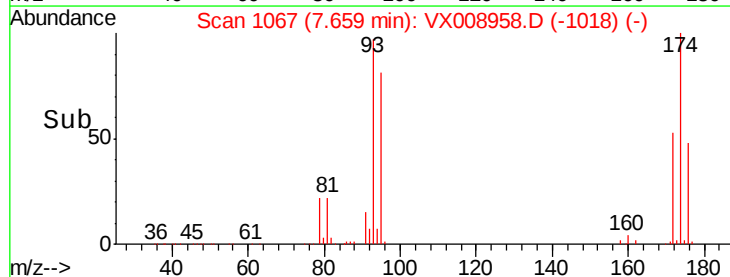
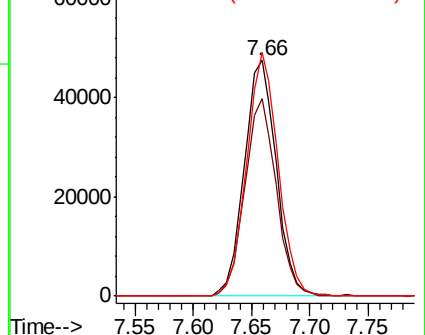
174 101.8 81.6 122.4

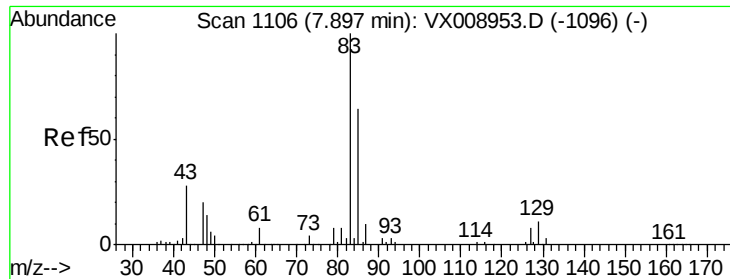


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.987 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

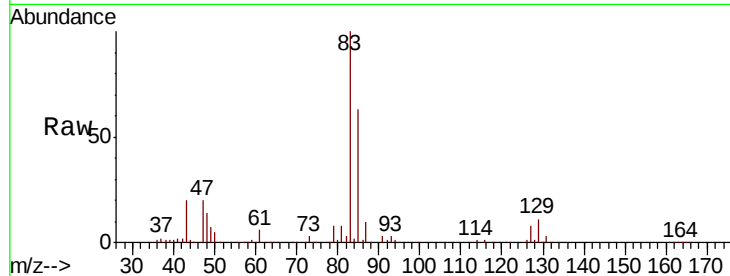
Tot Ion: 83 Resp: 185356

Ion Ratio Lower Upper

83 100

85 63.3 50.8 76.2

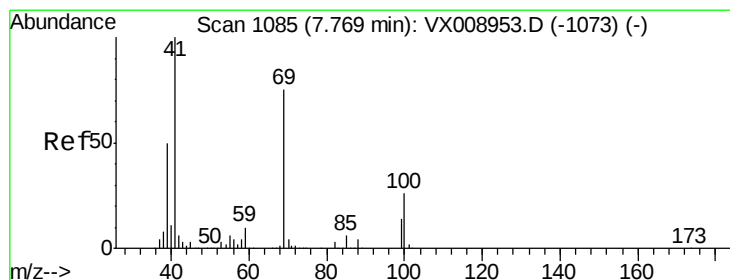
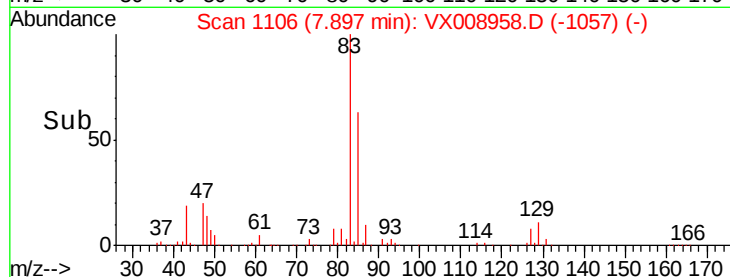
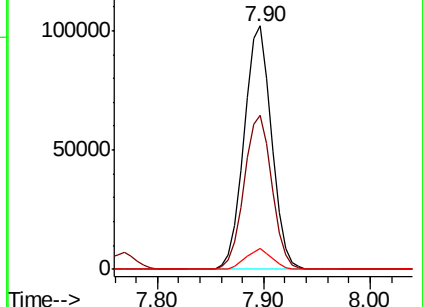
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.859 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

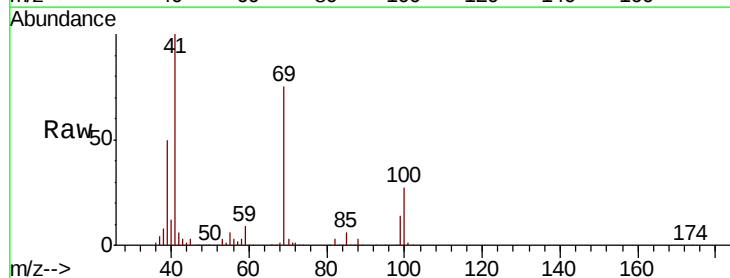
Tgt Ion: 41 Resp: 206636

Ion Ratio Lower Upper

41 100

69 74.1 59.4 89.2

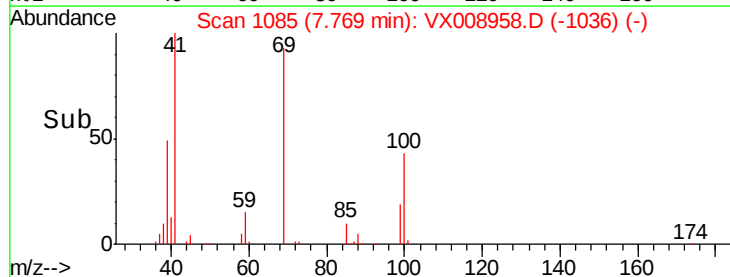
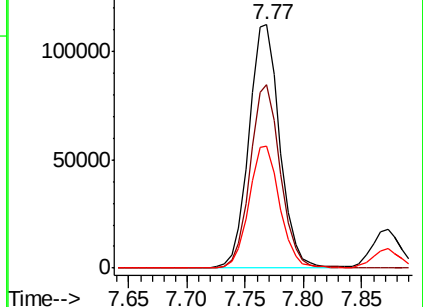
39 49.9 39.8 59.6

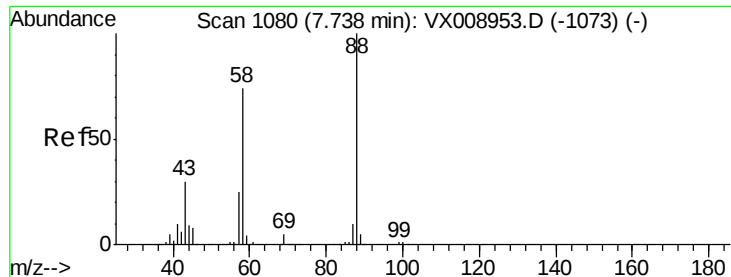


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1008.192 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

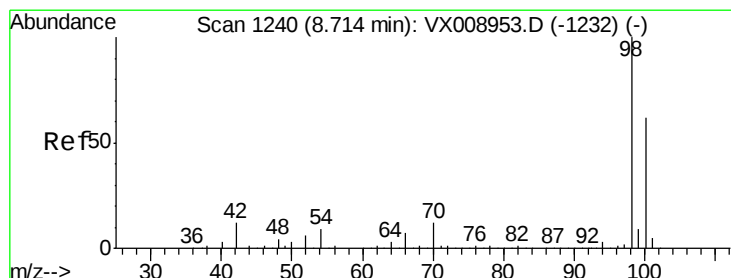
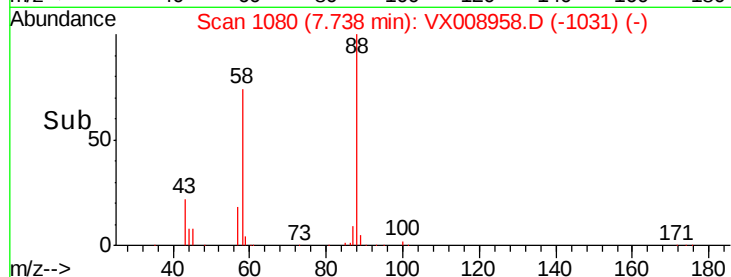
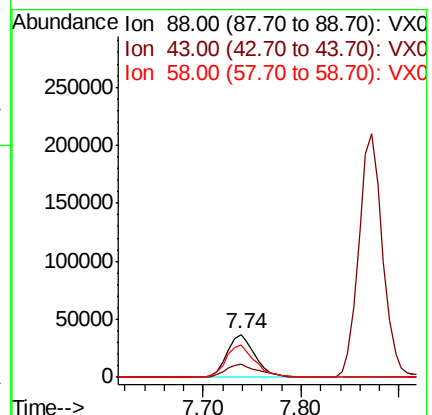
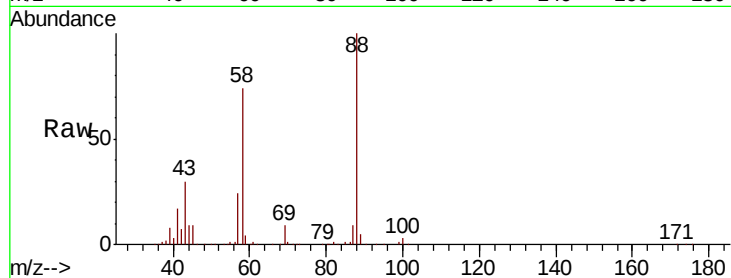
Tot Ion: 88 Resp: 72398

Ion Ratio Lower Upper

88 100

43 38.2 29.3 43.9

58 79.4 62.6 93.8



#50

Toluene-d8

Concen: 53.331 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008958.D

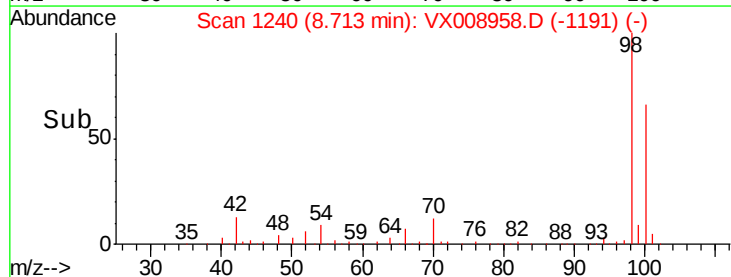
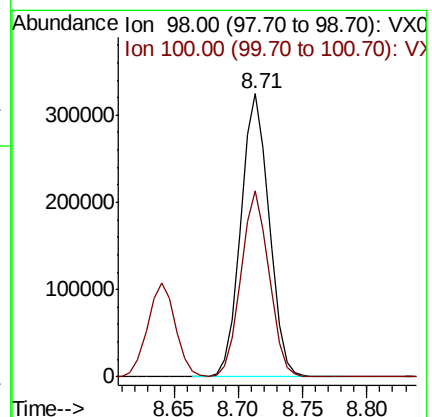
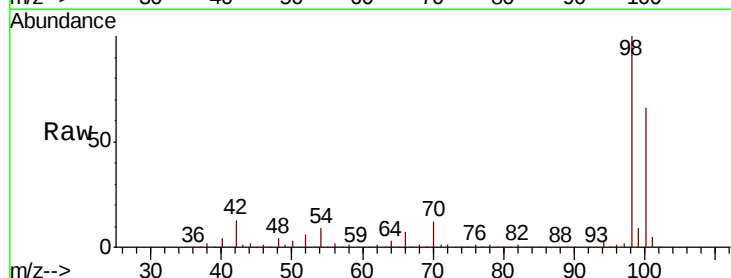
Acq: 15 Apr 2019 13:49

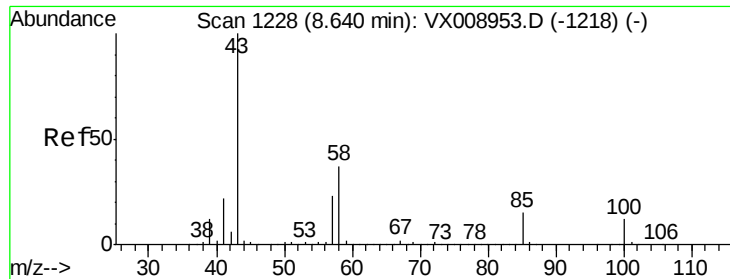
Tgt Ion: 98 Resp: 494203

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.2

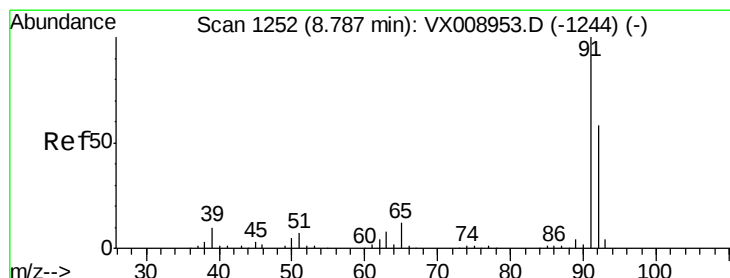
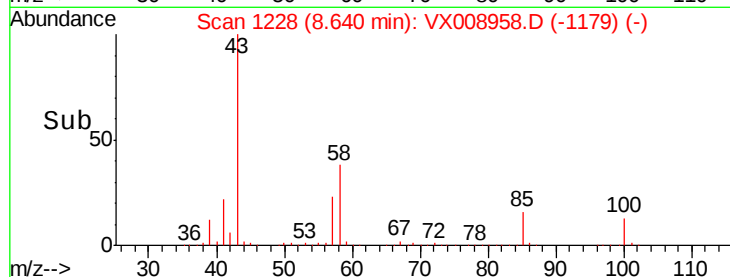
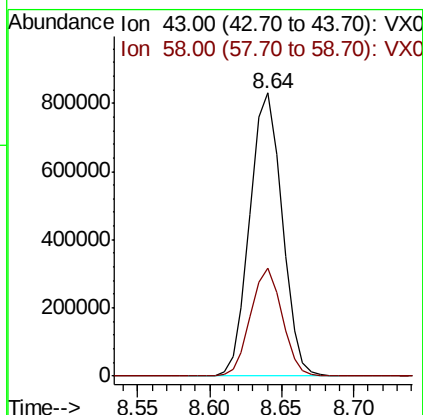
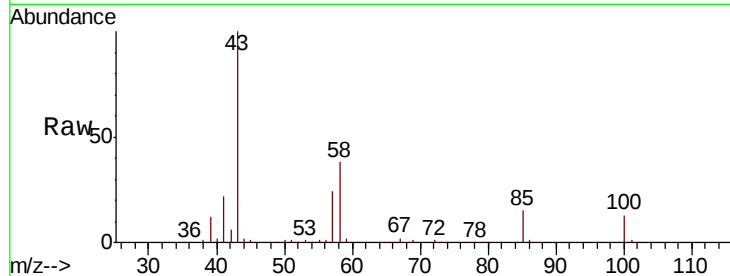




#51
 4-Methyl-2-Pentanone
 Concen: 260.925 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

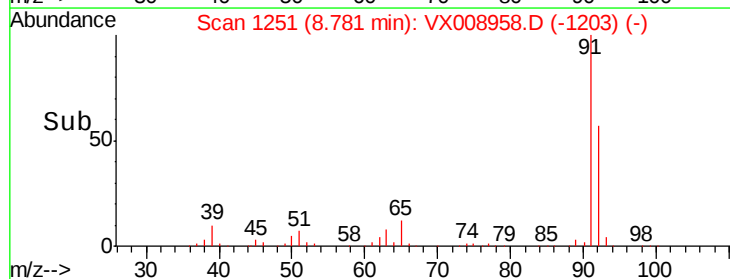
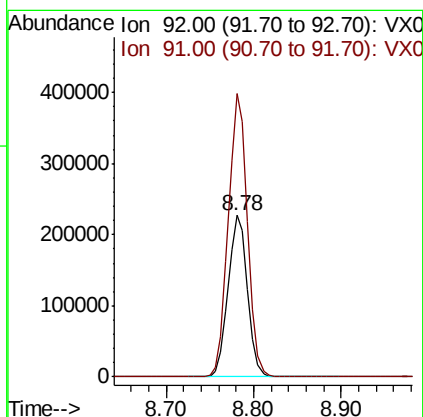
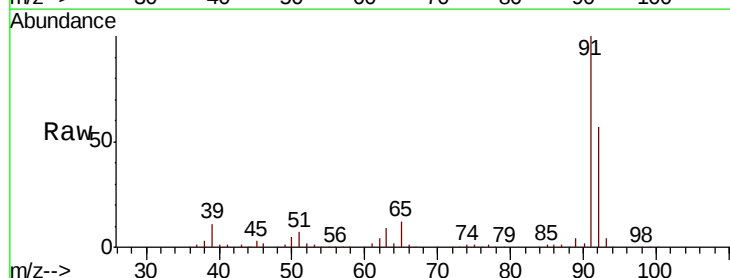
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

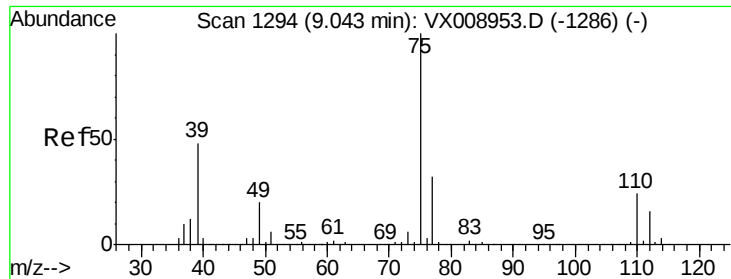
Tot Ion: 43 Resp: 1290721
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.8 44.6



#52
 Toluene
 Concen: 52.489 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion: 92 Resp: 347495
 Ion Ratio Lower Upper
 92 100
 91 174.0 138.5 207.7

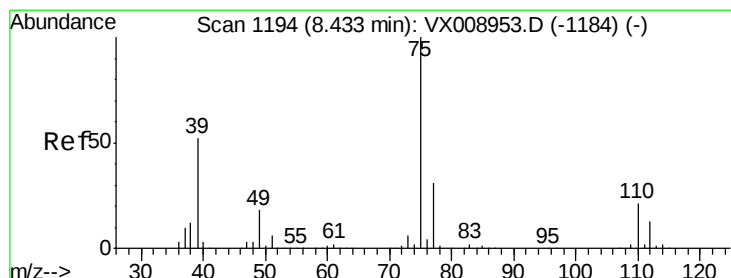
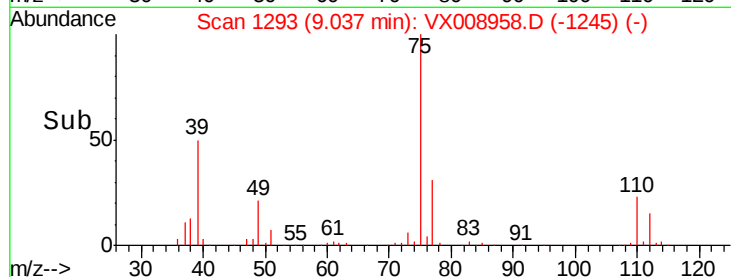
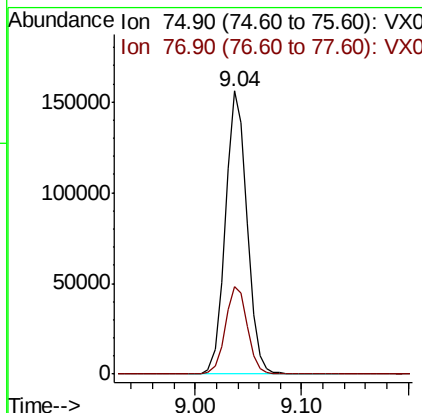
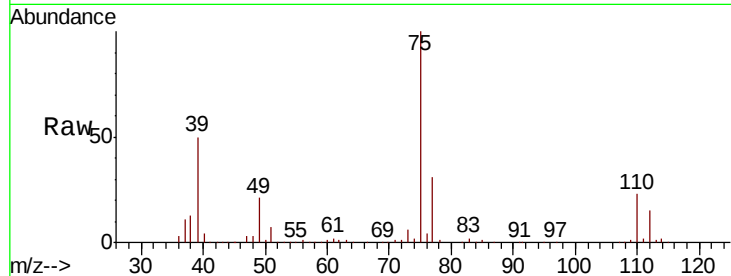




#53
t-1,3-Dichloropropene
Concen: 55.200 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

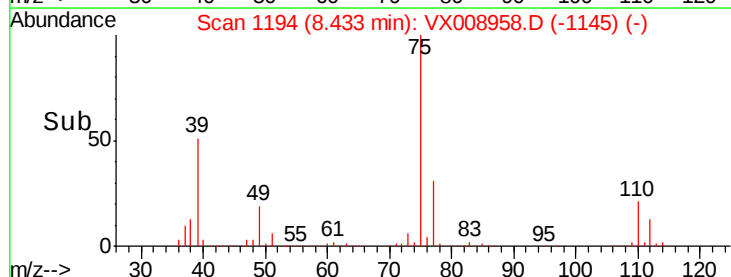
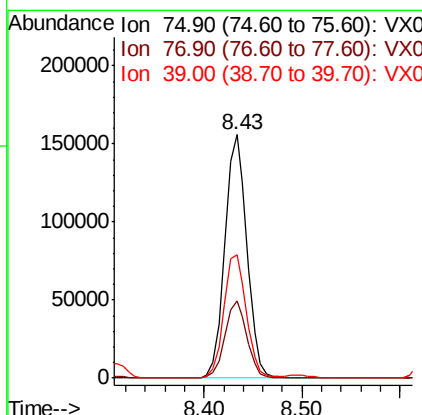
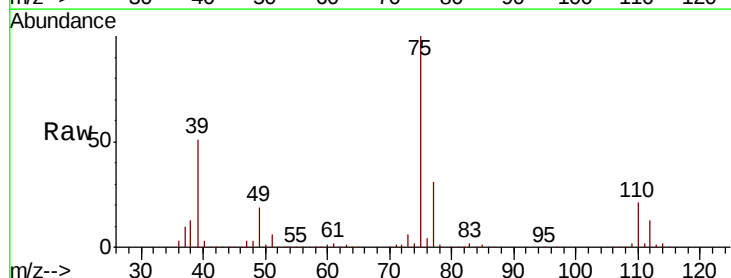
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion: 75 Resp: 222226
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.023 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 75 Resp: 243526
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 50.6 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 52.353 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 97 Resp: 137367

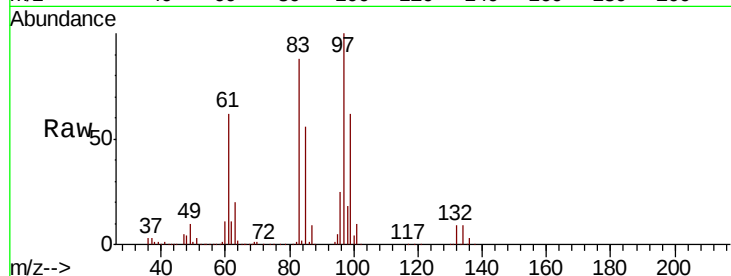
Ion Ratio Lower Upper

97 100

83 87.6 72.6 108.8

85 56.1 46.9 70.3

99 62.4 51.0 76.6



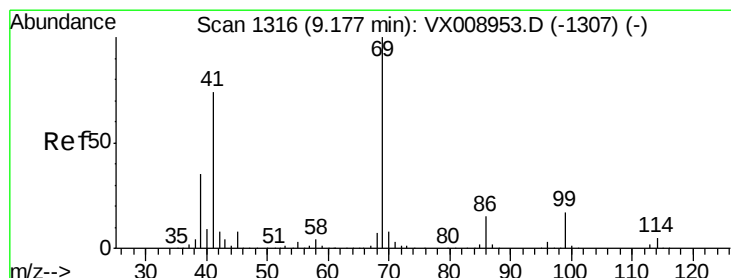
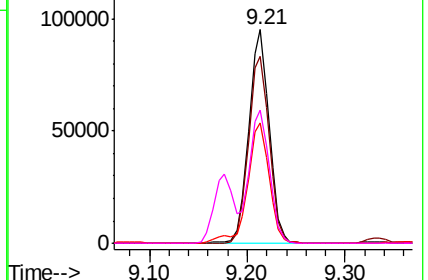
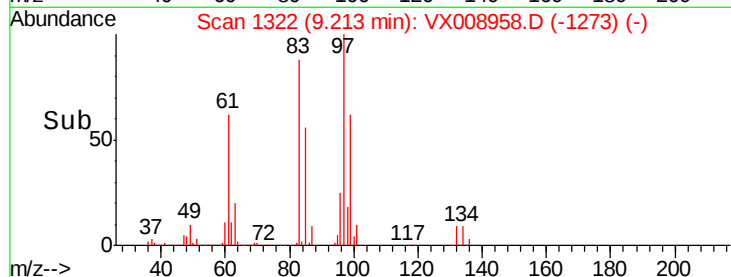
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.893 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

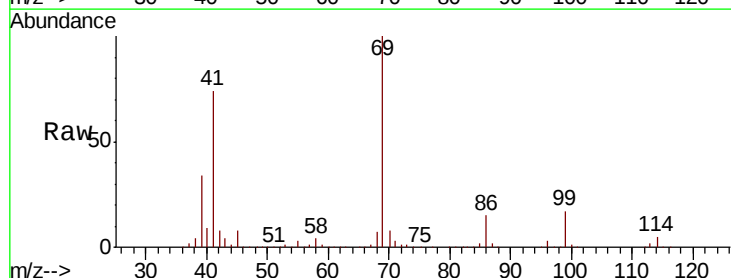
Tgt Ion: 69 Resp: 253555

Ion Ratio Lower Upper

69 100

41 76.0 60.2 90.2

39 35.4 27.9 41.9

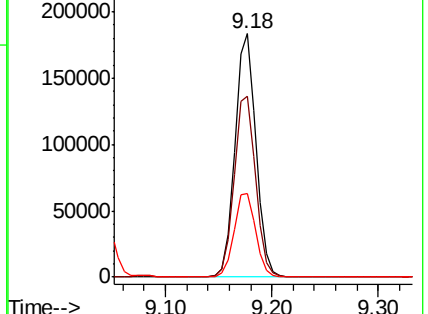
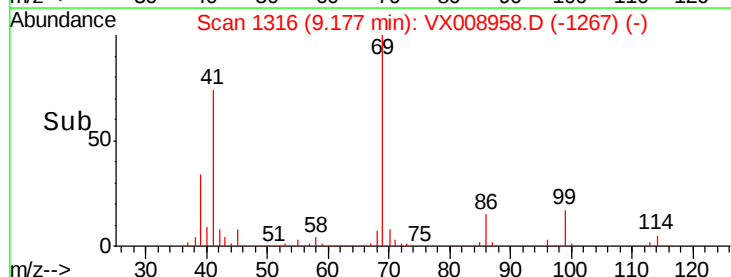


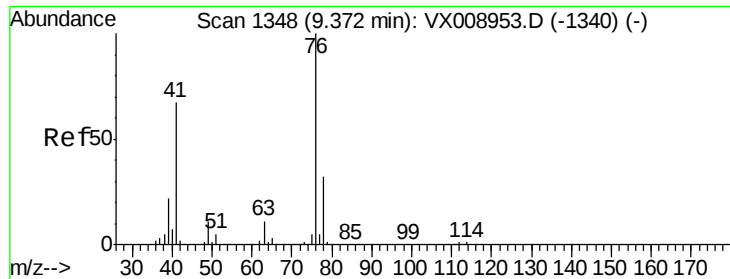
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.351 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

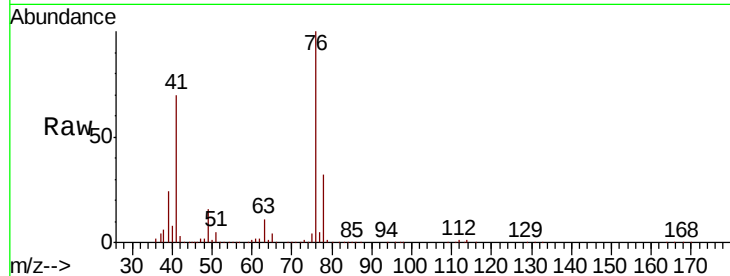
ICVVX041519

Tot Ion: 76 Resp: 244569

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

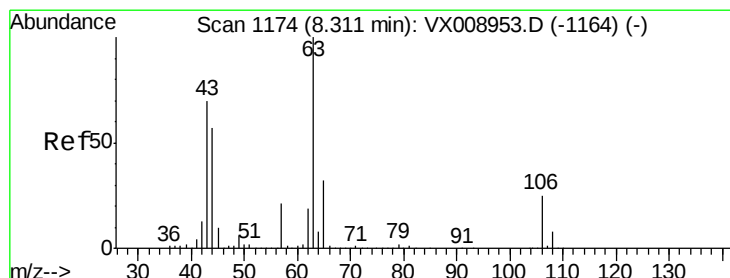
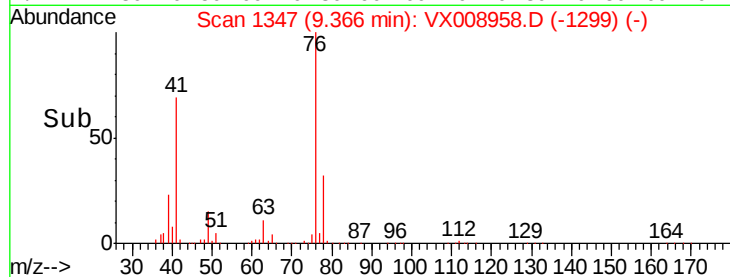
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 309.917 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008958.D

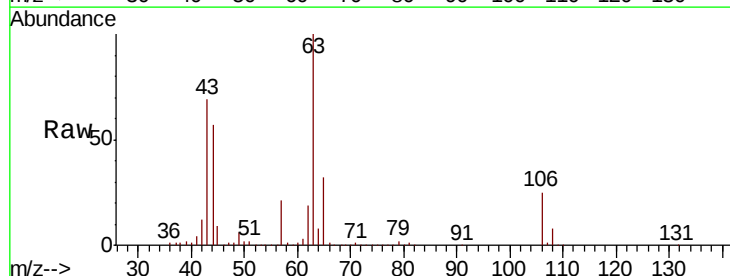
Acq: 15 Apr 2019 13:49

Tgt Ion: 63 Resp: 785187

Ion Ratio Lower Upper

63 100

106 24.3 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

500000

400000

300000

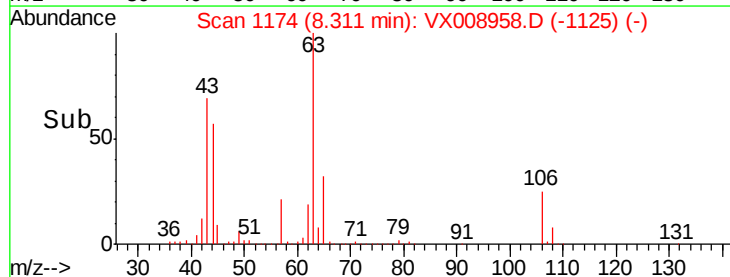
200000

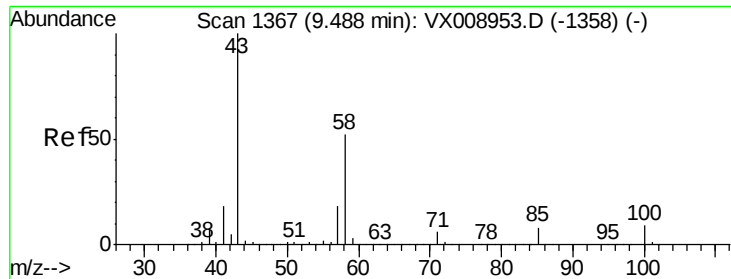
100000

0

8.20 8.30 8.40

Time-->

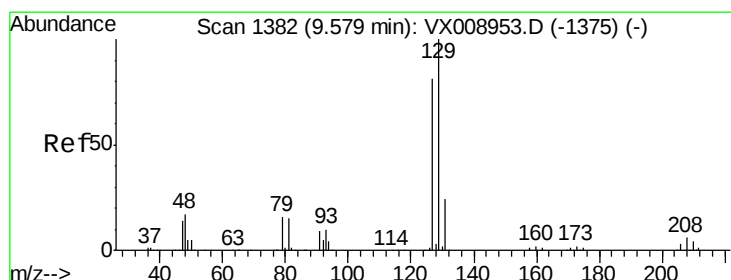
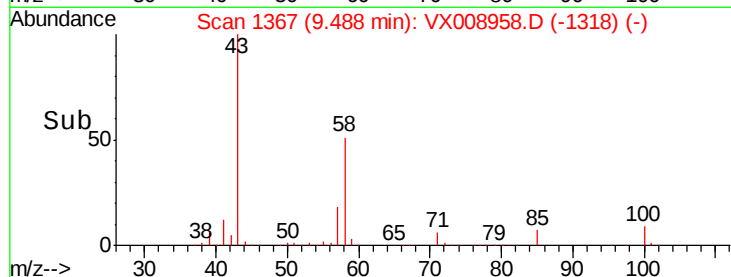
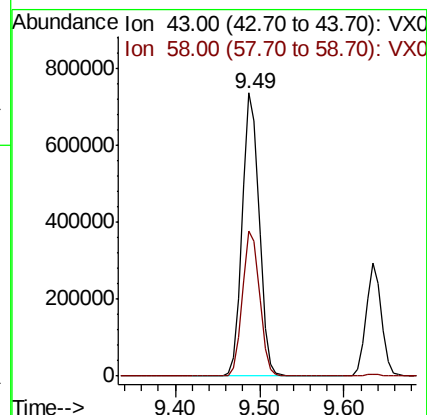
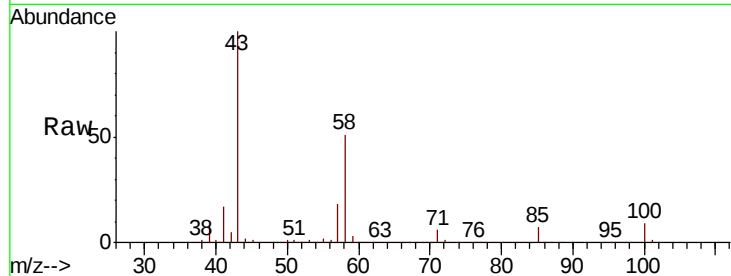




#59
2-Hexanone
Concen: 258.794 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

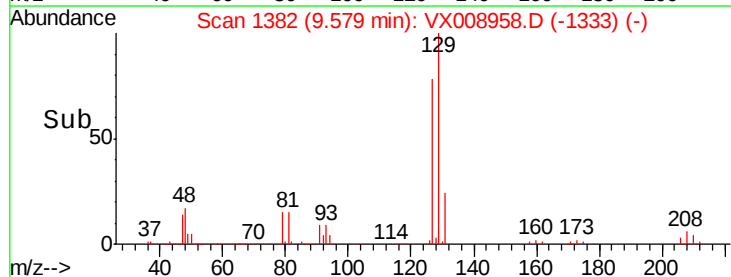
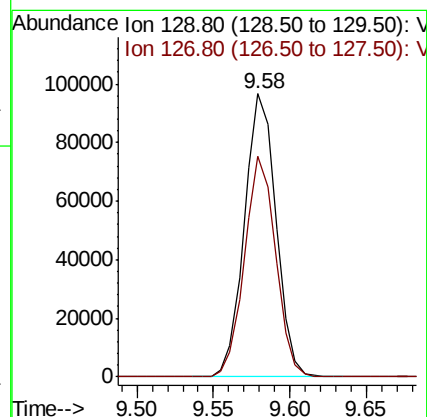
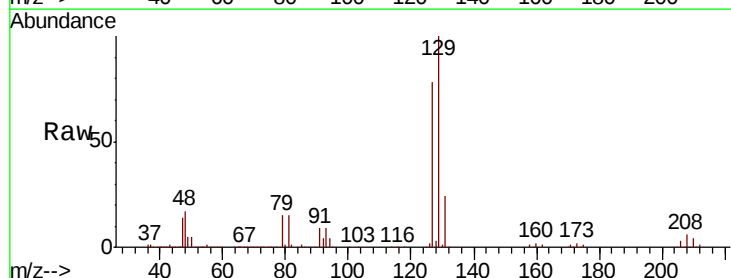
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

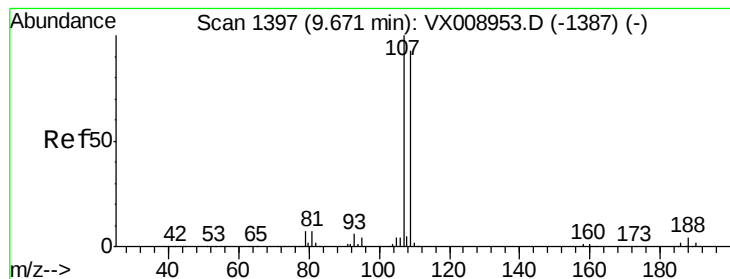
Tot Ion: 43 Resp: 986991
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 55.037 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion:129 Resp: 138402
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.618 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

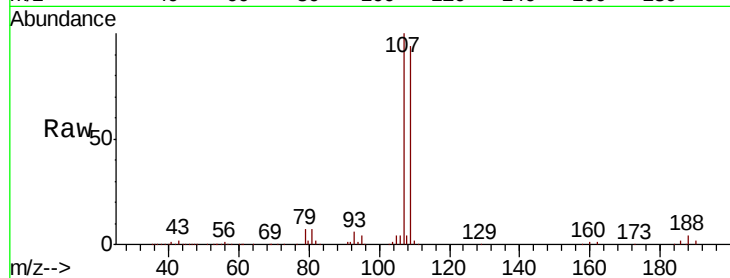
ICVVX041519

Tot Ion:107 Resp: 142492

Ion Ratio Lower Upper

107 100

109 94.4 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

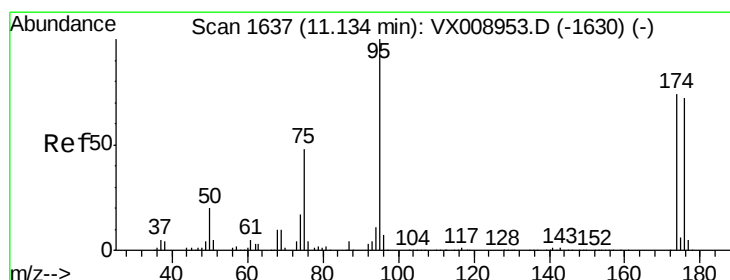
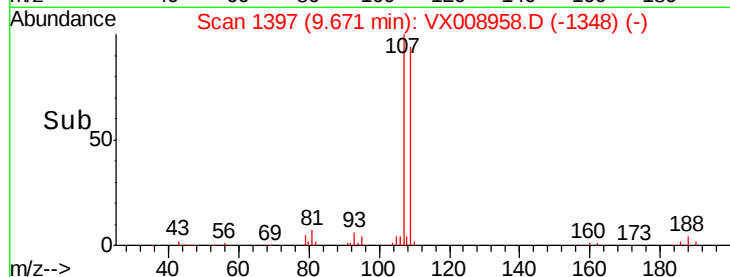
40000

20000

0

9.60 9.67 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 54.171 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

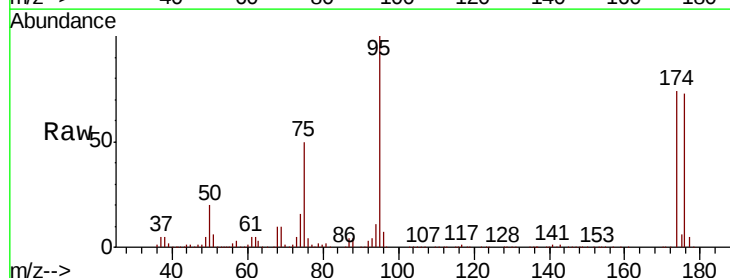
Tgt Ion: 95 Resp: 177202

Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.6

176 78.0 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

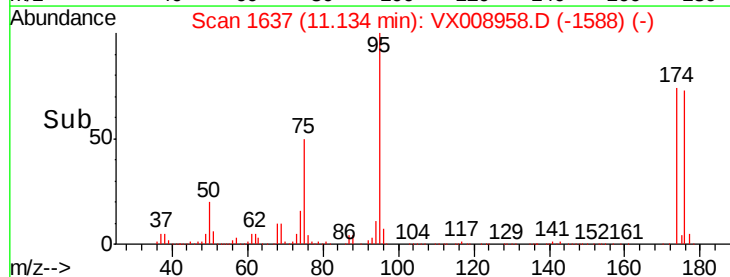
100000

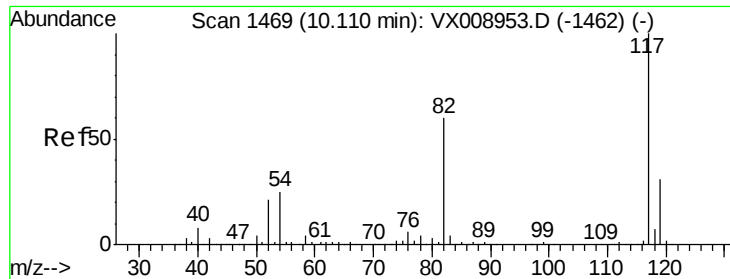
50000

0

11.05 11.10 11.13 11.20

Time-->

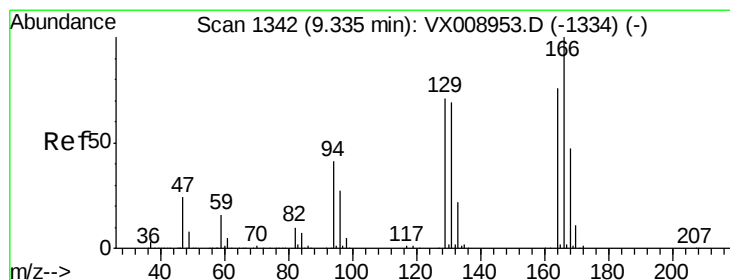
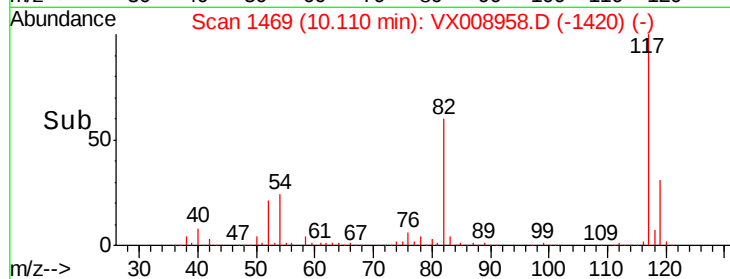
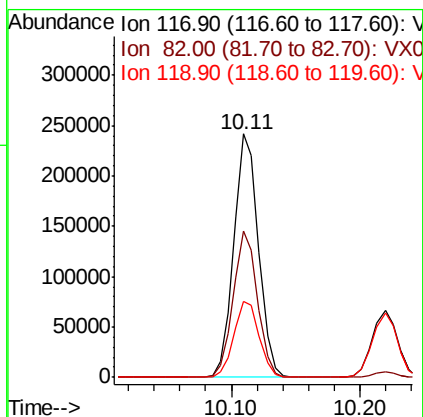
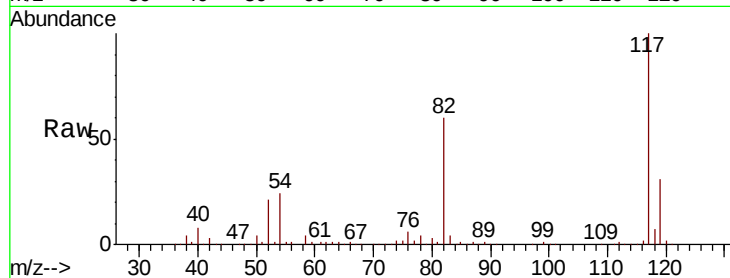




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

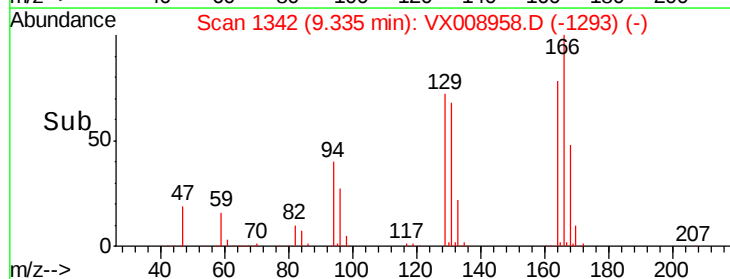
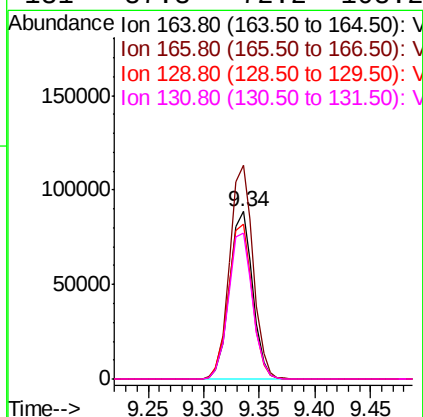
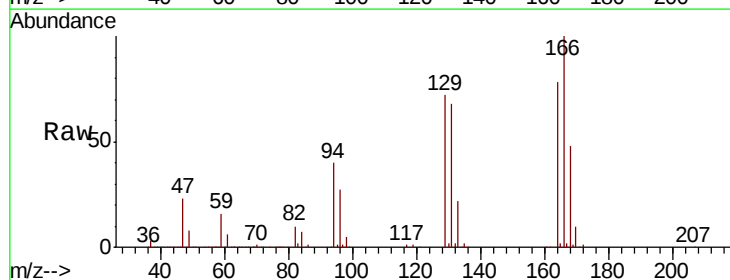
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

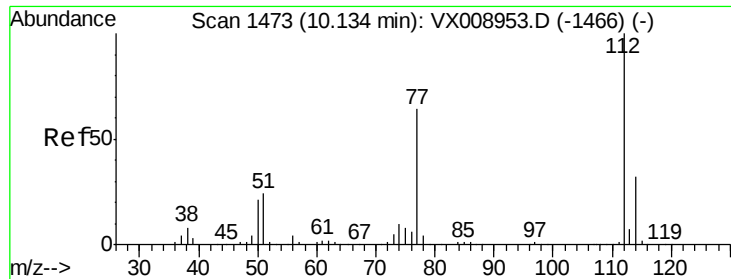
Tot Ion:117 Resp: 322480
Ion Ratio Lower Upper
117 100
82 60.3 48.2 72.4
119 31.4 25.0 37.6



#64
Tetrachloroethene
Concen: 52.115 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion:164 Resp: 127673
Ion Ratio Lower Upper
164 100
166 127.6 105.0 157.4
129 92.1 74.2 111.4
131 87.3 72.2 108.2

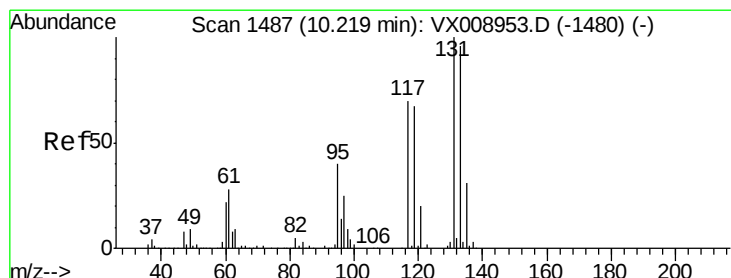
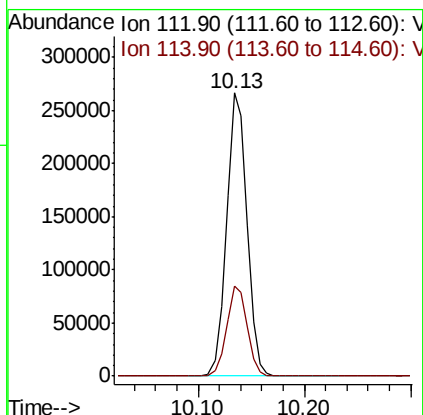
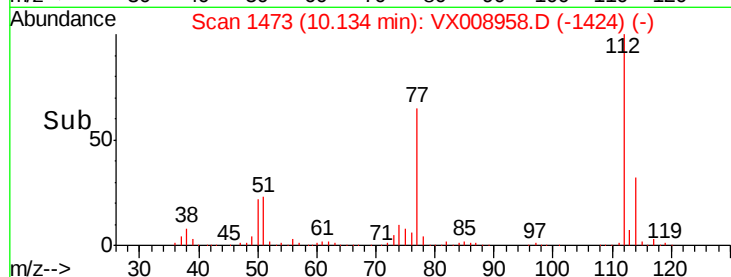
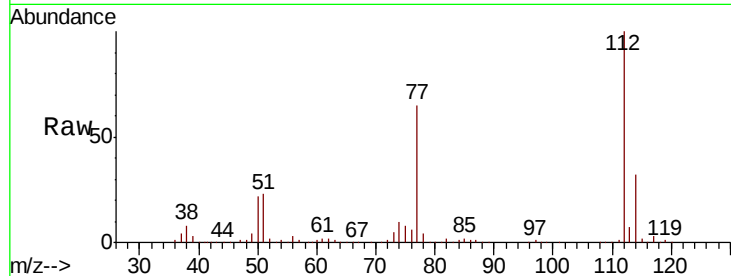




#65
Chlorobenzene
Concen: 52.456 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

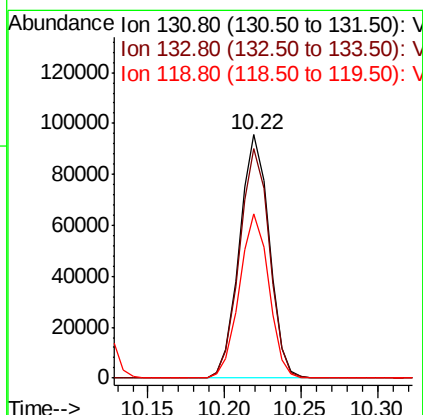
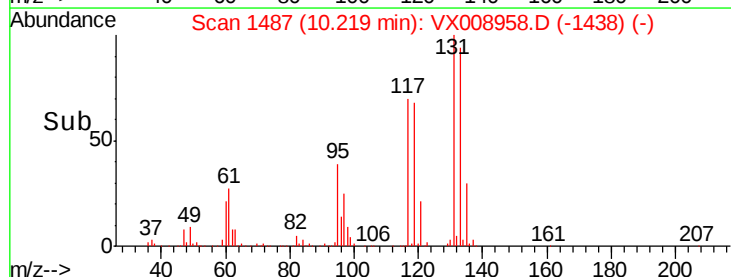
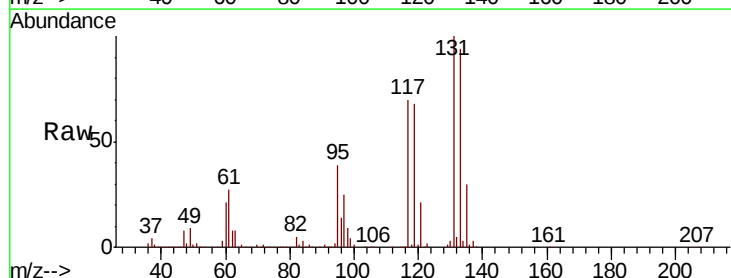
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

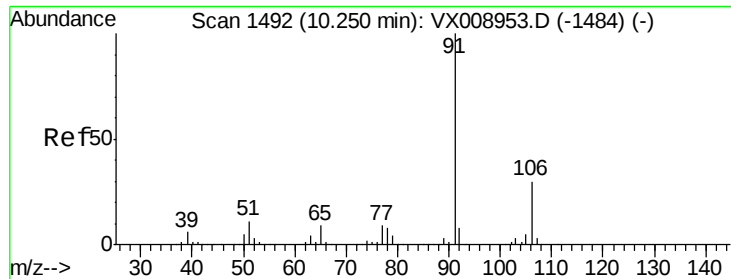
Tot Ion:112 Resp: 357054
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.014 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion:131 Resp: 129519
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 66.8 33.7 101.1





#67

Ethyl Benzene

Concen: 53.708 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

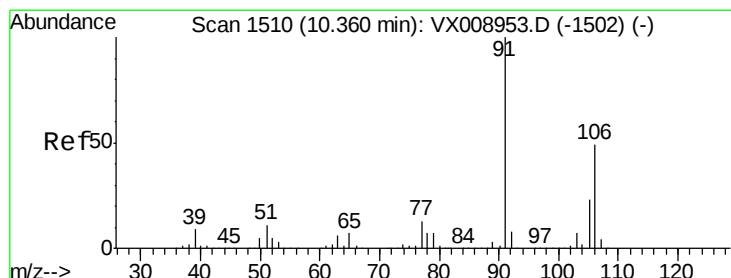
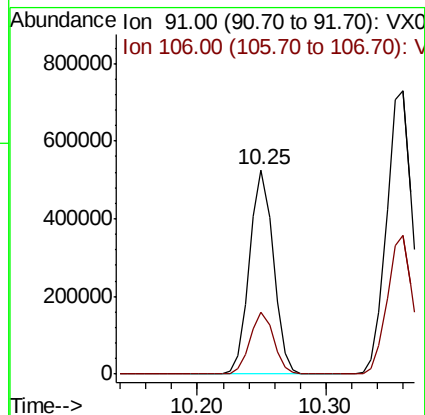
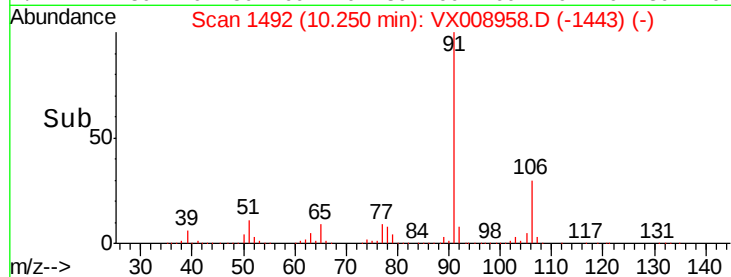
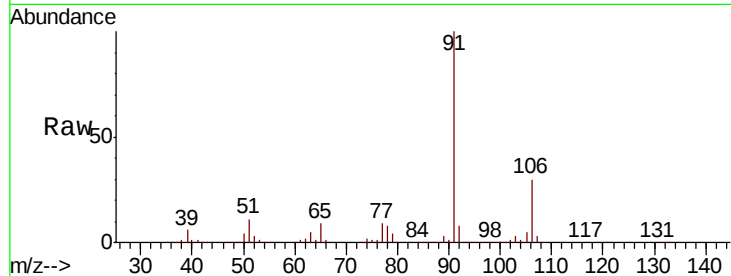
ICVVX041519

Tot Ion: 91 Resp: 668283

Ion Ratio Lower Upper

91 100

106 30.3 24.3 36.5



#68

m/p-Xylenes

Concen: 107.347 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008958.D

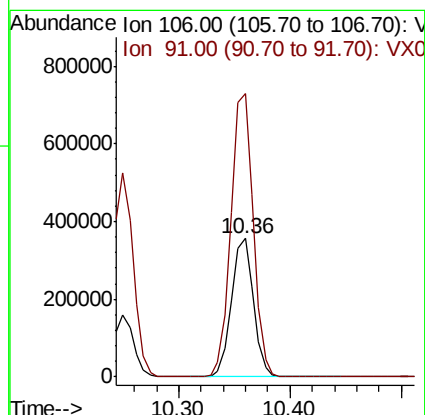
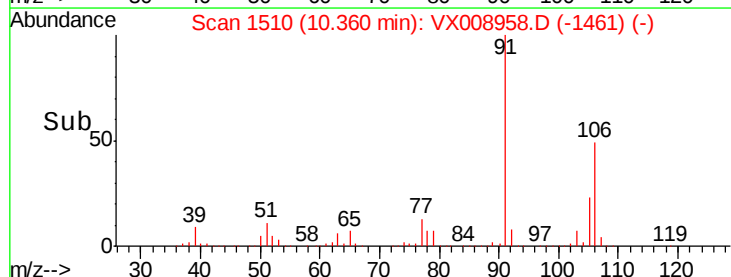
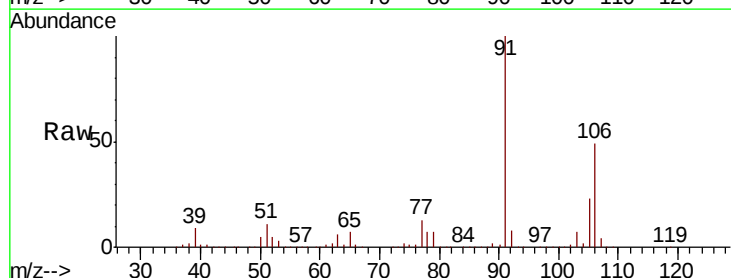
Acq: 15 Apr 2019 13:49

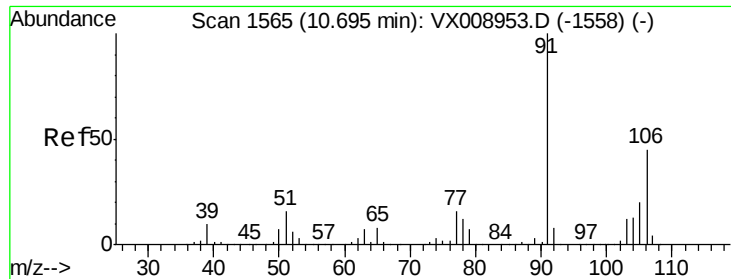
Tgt Ion: 106 Resp: 485431

Ion Ratio Lower Upper

106 100

91 208.3 165.4 248.2

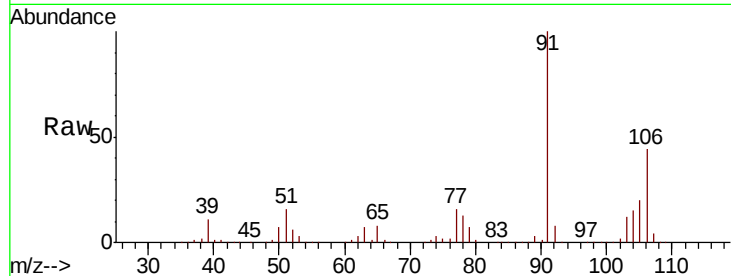




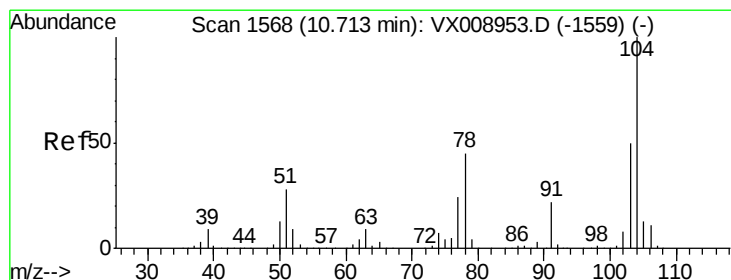
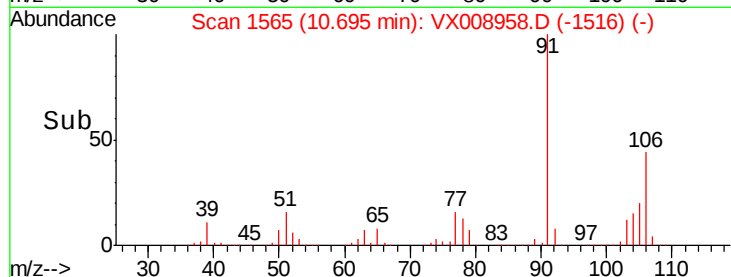
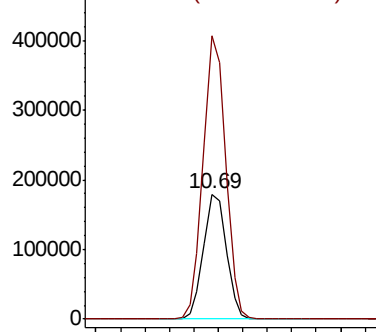
#69
o-Xylene
Concen: 52.838 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion:106 Resp: 232489
Ion Ratio Lower Upper
106 100
91 222.1 108.9 326.7

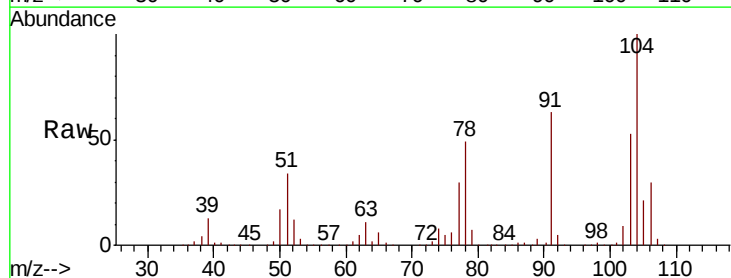


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

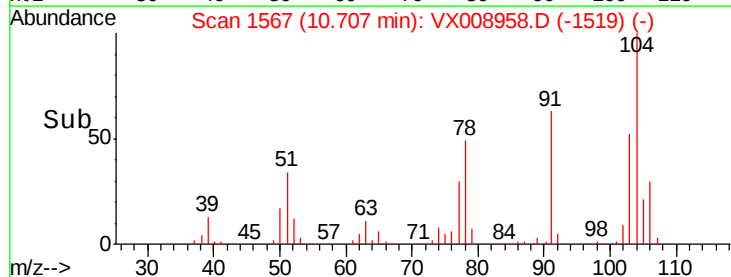
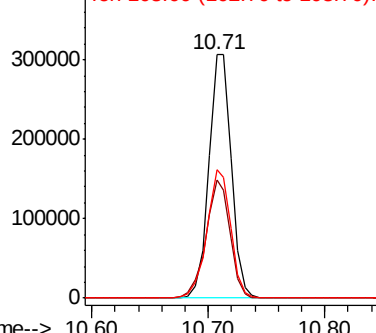


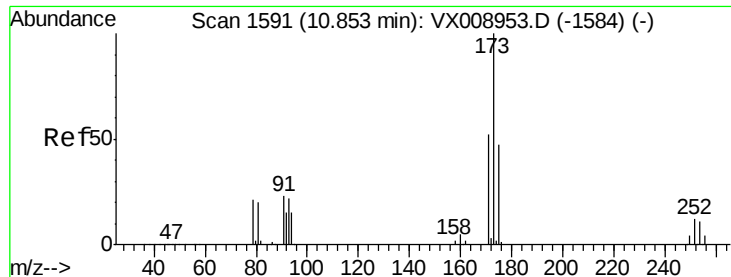
#70
Styrene
Concen: 54.091 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion:104 Resp: 412441
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 55.5 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.918 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

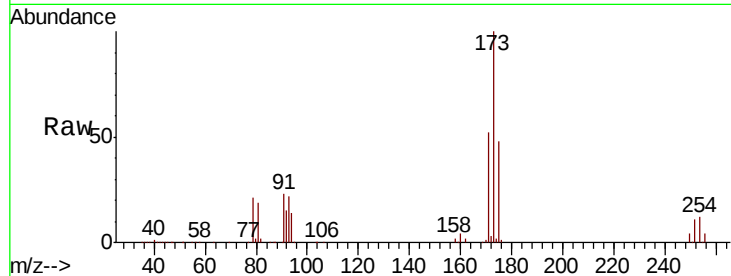
Tot Ion:173 Resp: 103003

Ion Ratio Lower Upper

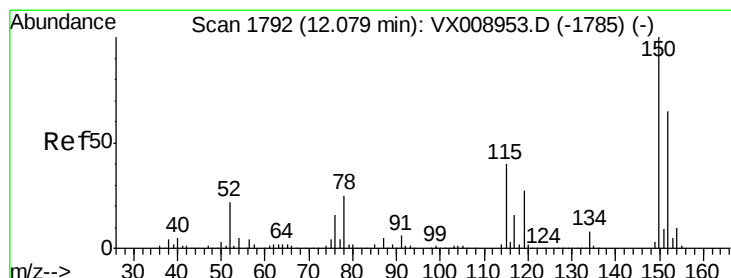
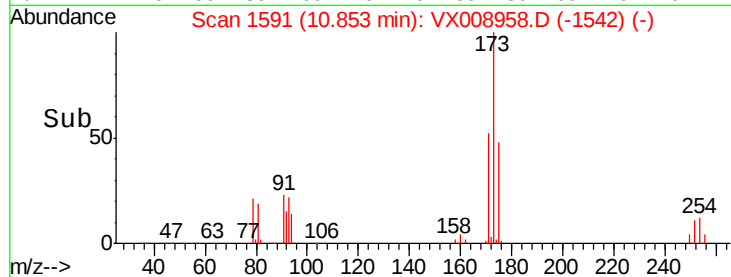
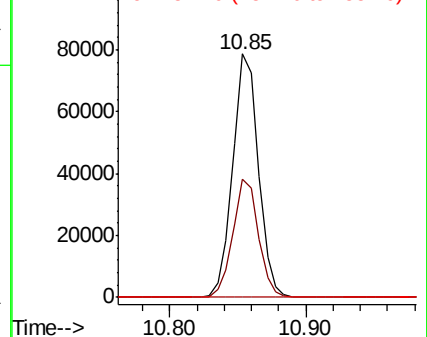
173 100

175 48.5 23.9 71.8

254 0.1 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

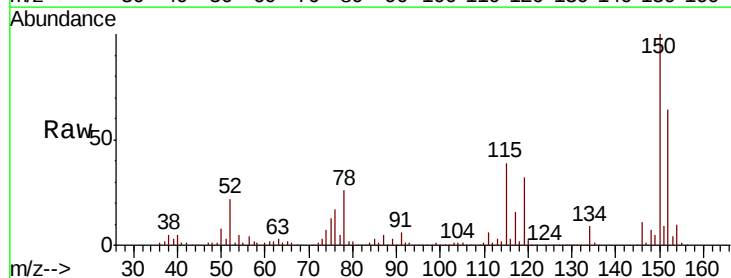
Tgt Ion:152 Resp: 154201

Ion Ratio Lower Upper

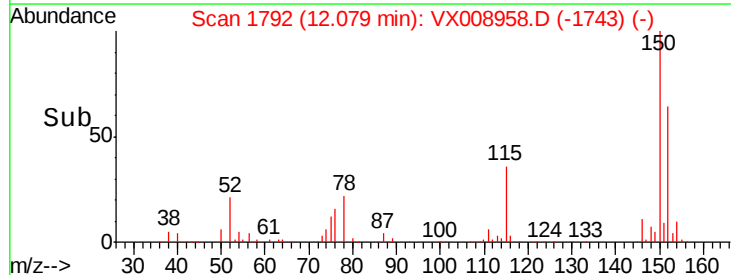
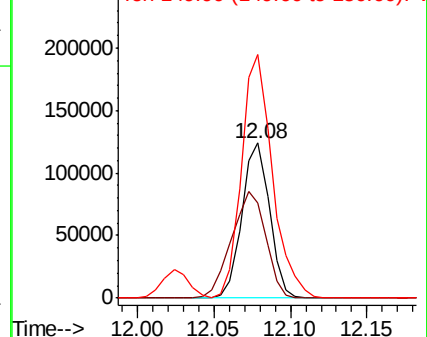
152 100

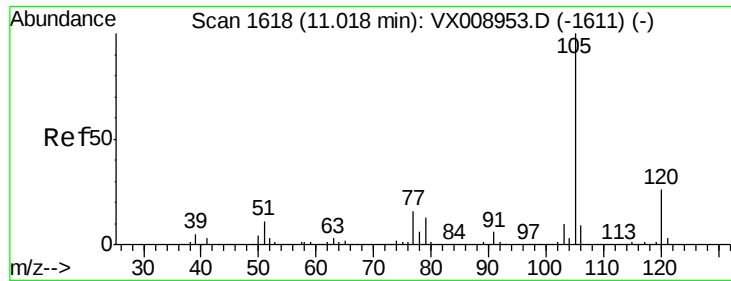
115 86.0 41.4 124.2

150 176.2 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.350 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

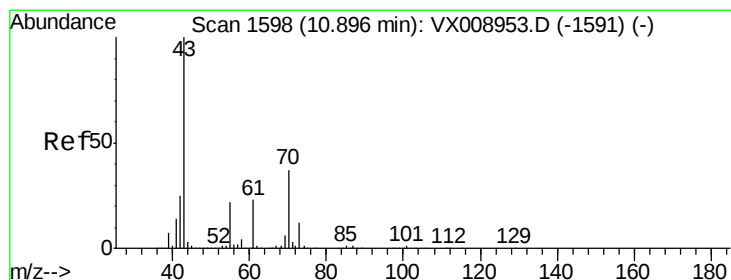
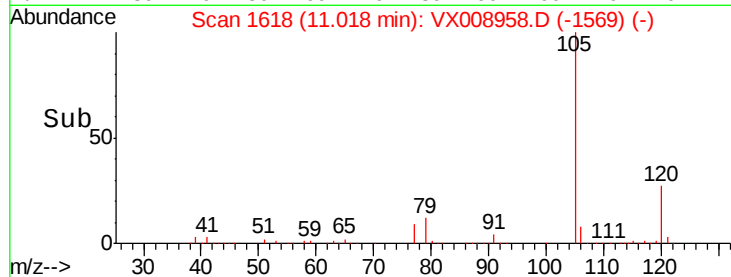
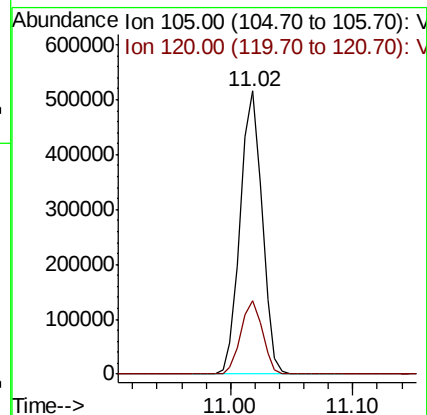
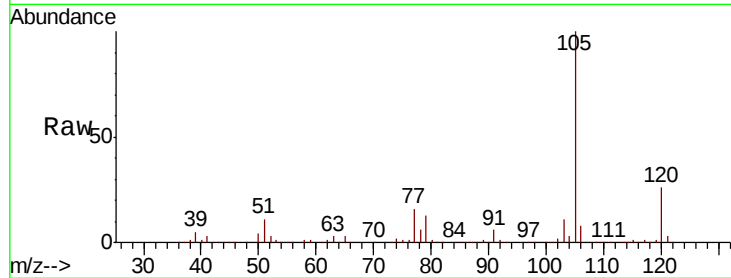
ICVVX041519

Tot Ion:105 Resp: 635252

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 52.513 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion: 43 Resp: 352423

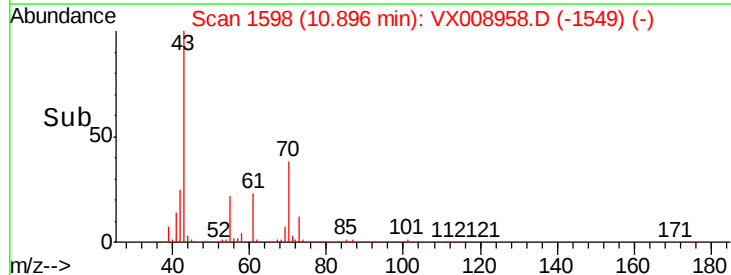
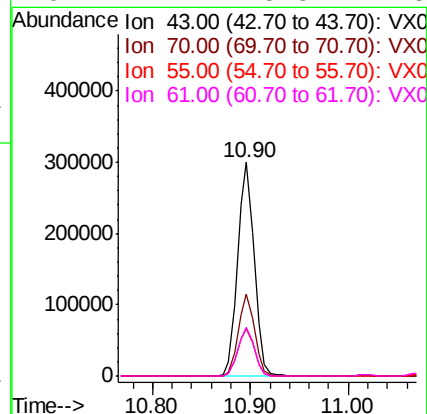
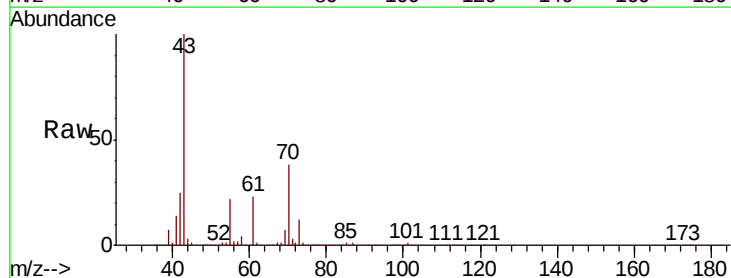
Ion Ratio Lower Upper

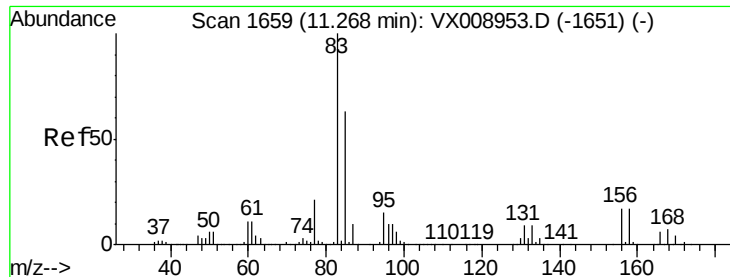
43 100

70 37.9 29.9 44.9

55 22.2 17.8 26.8

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.262 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

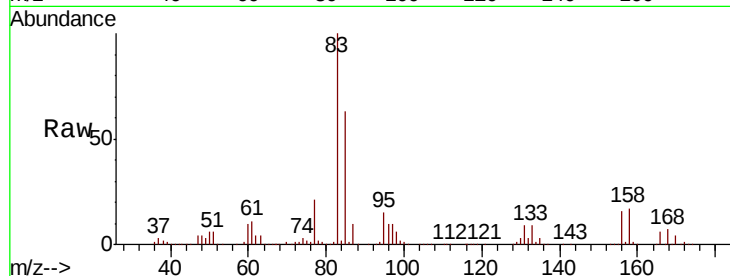
Tot Ion: 83 Resp: 214650

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

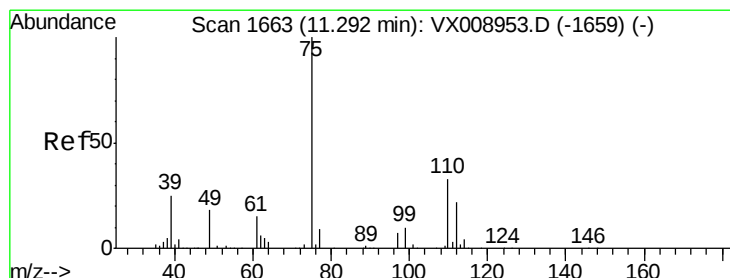
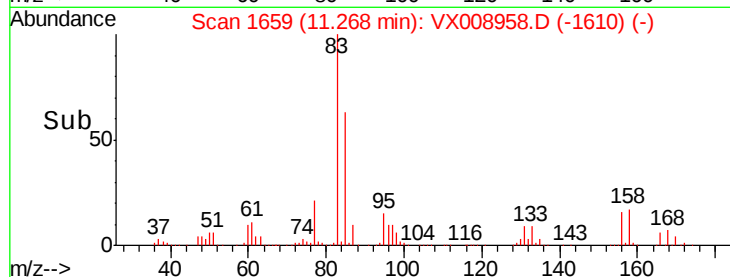
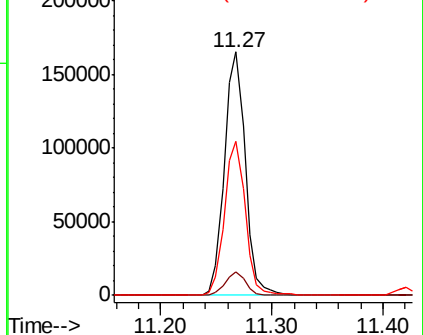
85 63.4 31.9 95.9



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: 70.599 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008958.D

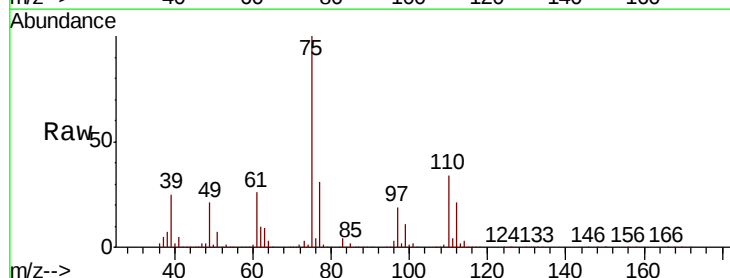
Acq: 15 Apr 2019 13:49

Tgt Ion: 75 Resp: 265827

Ion Ratio Lower Upper

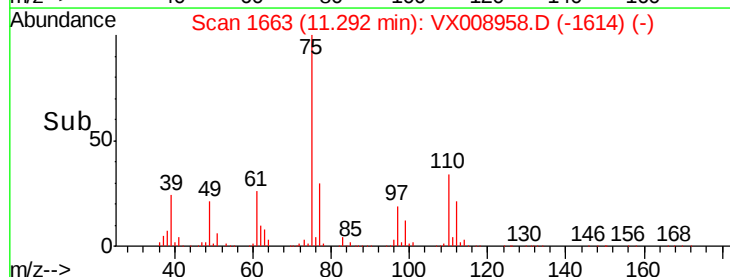
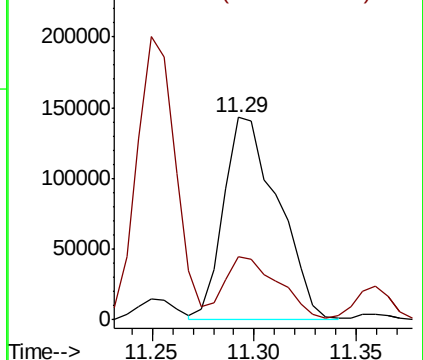
75 100

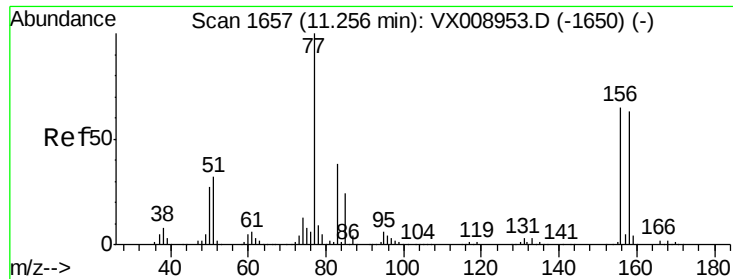
77 31.1 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.387 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampled :

ICVVX041519

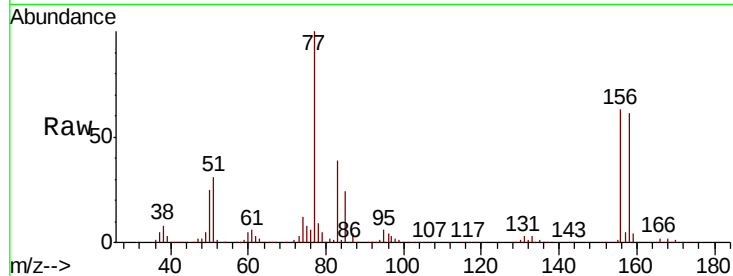
Tot Ion:156 Resp: 151542

Ion Ratio Lower Upper

156 100

77 172.5 85.4 256.1

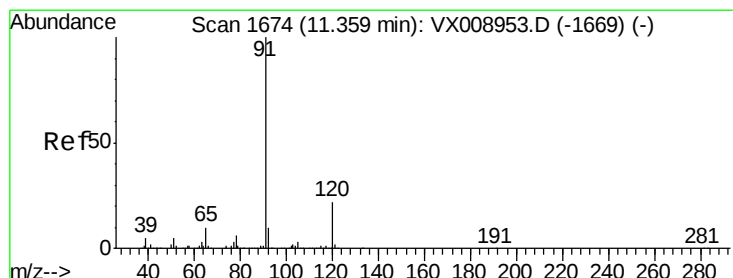
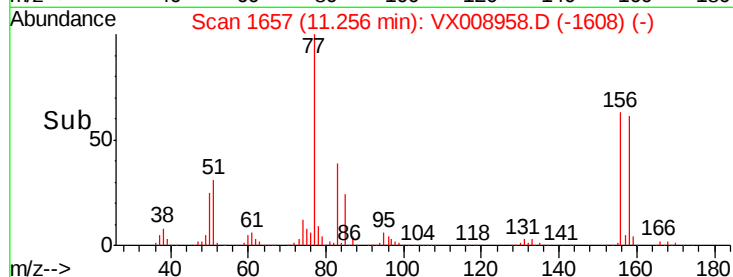
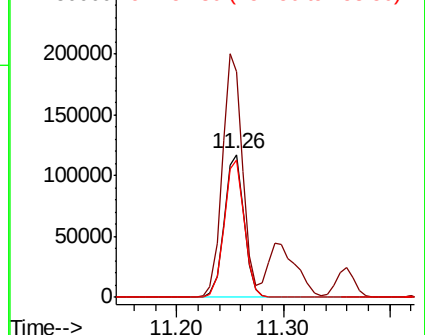
158 97.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.723 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008958.D

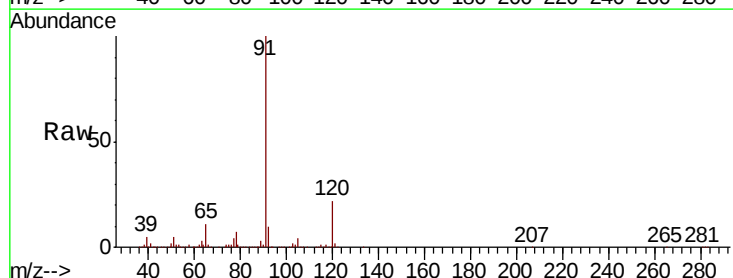
Acq: 15 Apr 2019 13:49

Tgt Ion: 91 Resp: 747551

Ion Ratio Lower Upper

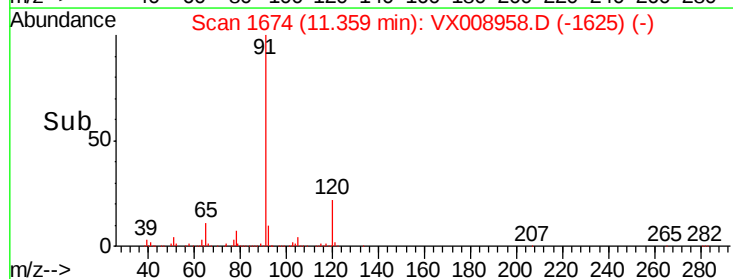
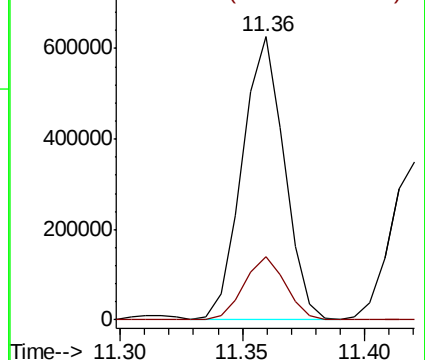
91 100

120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

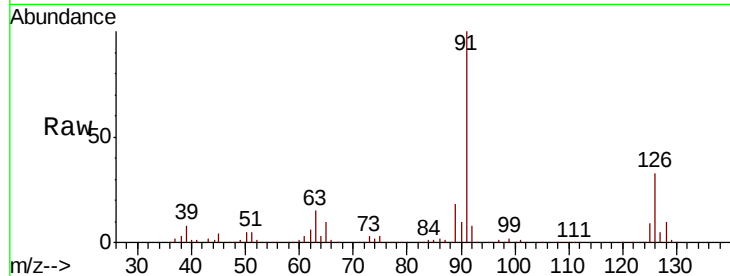




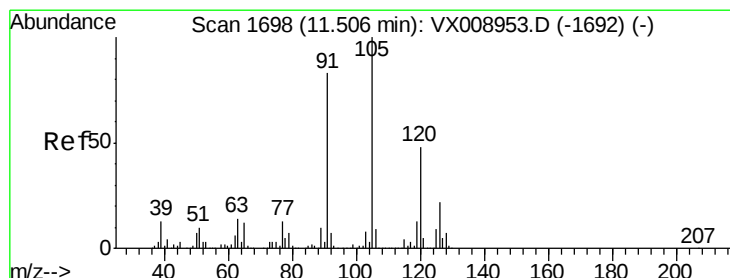
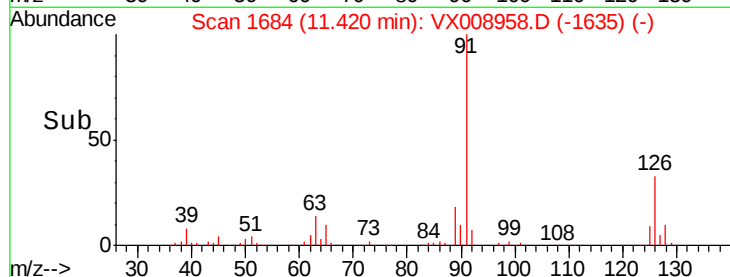
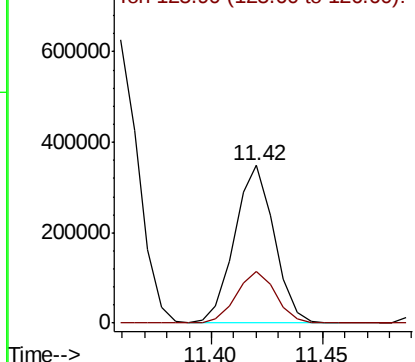
#79
 2-Chlorotoluene
 Concen: 53.244 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion: 91 Resp: 430433
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9

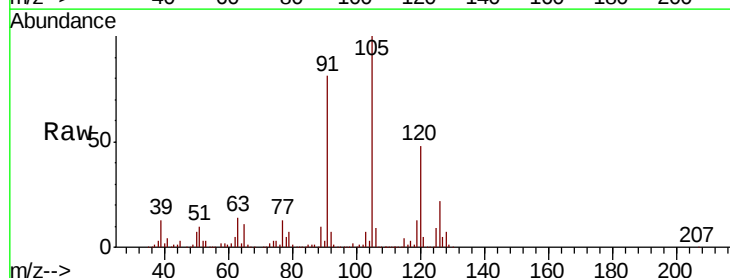


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

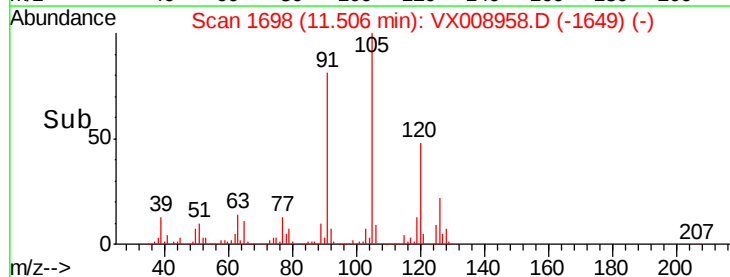
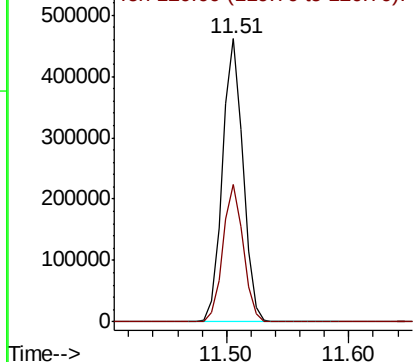


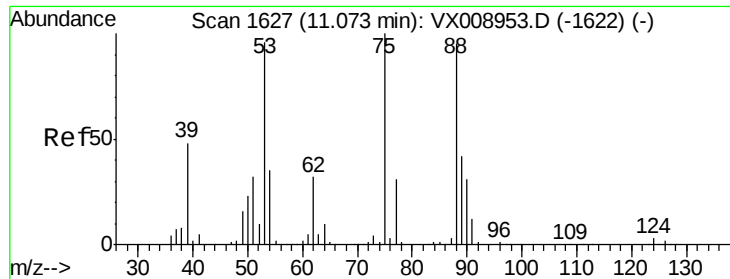
#80
 1,3,5-Trimethylbenzene
 Concen: 54.665 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion:105 Resp: 536165
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.276 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

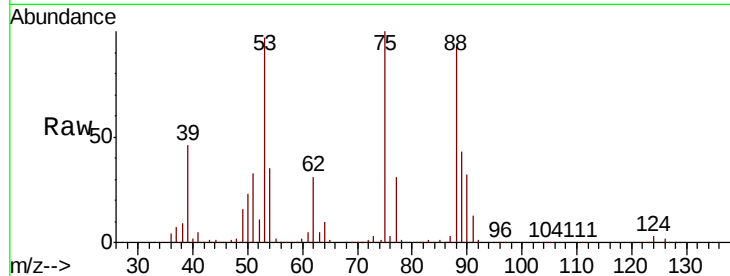
Tot Ion: 75 Resp: 79603

Ion Ratio Lower Upper

75 100

53 99.1 78.2 117.4

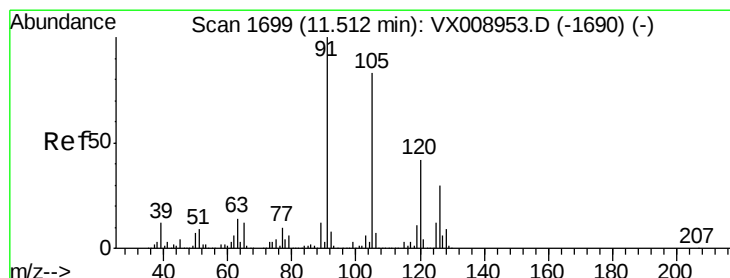
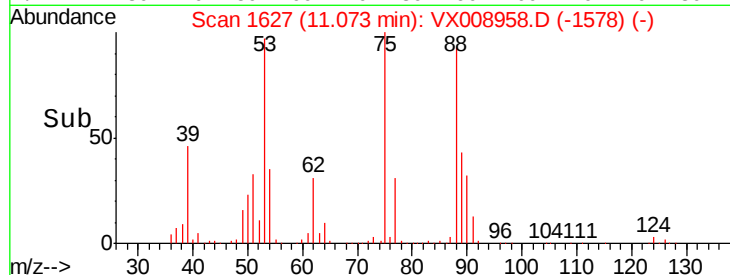
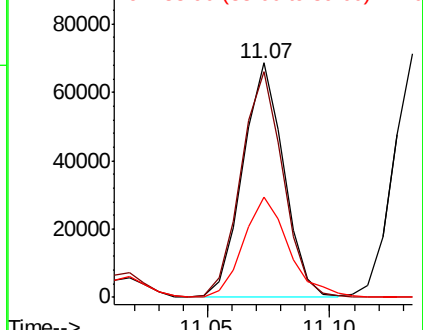
89 47.5 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.269 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008958.D

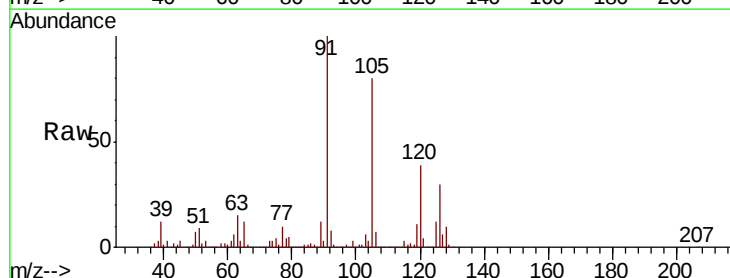
Acq: 15 Apr 2019 13:49

Tgt Ion: 91 Resp: 500131

Ion Ratio Lower Upper

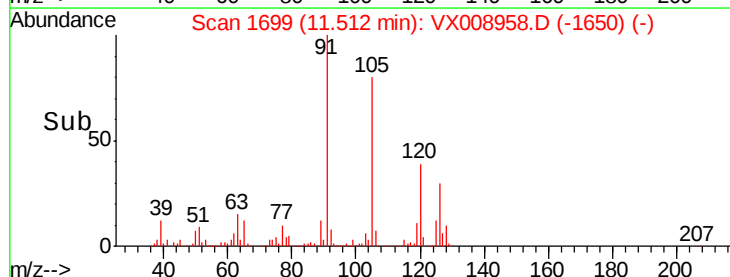
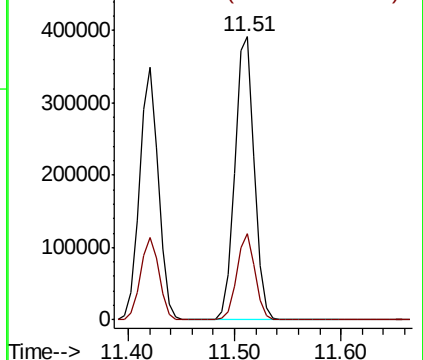
91 100

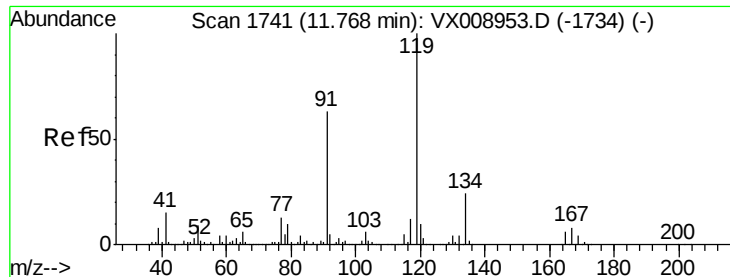
126 28.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

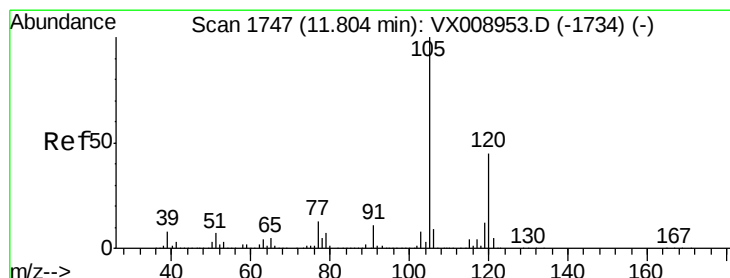
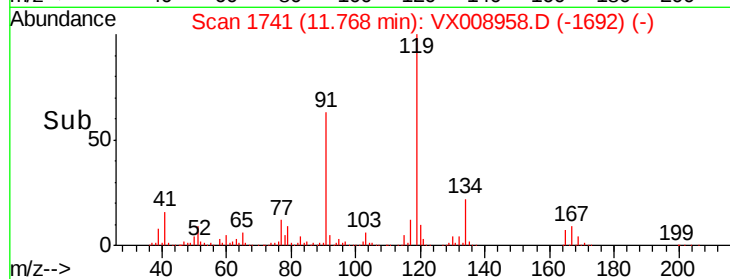
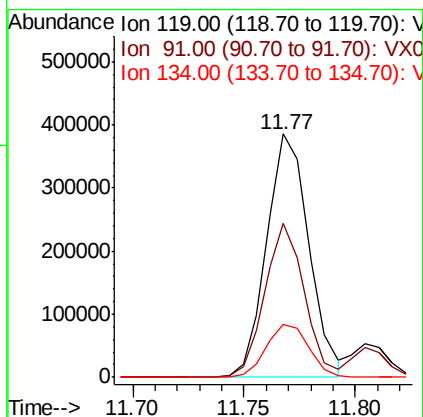
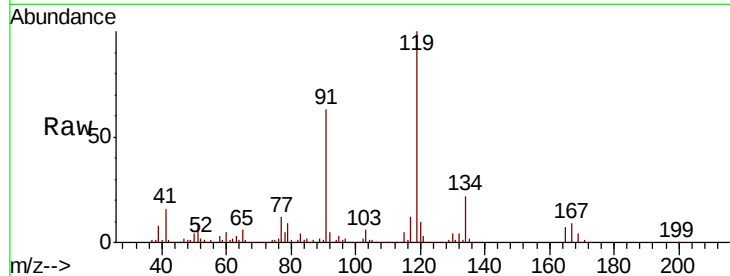




#83
tert-Butylbenzene
Concen: 54.073 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

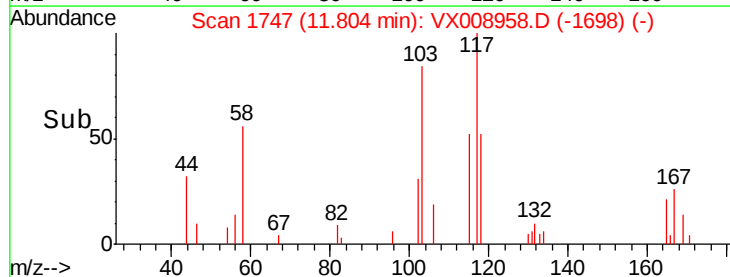
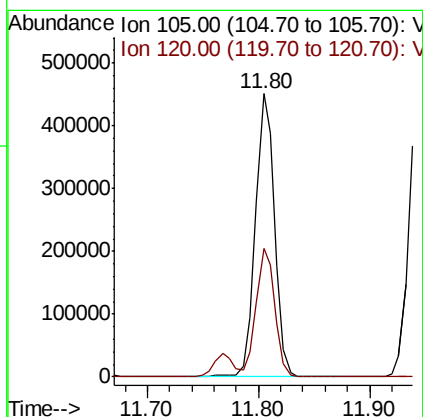
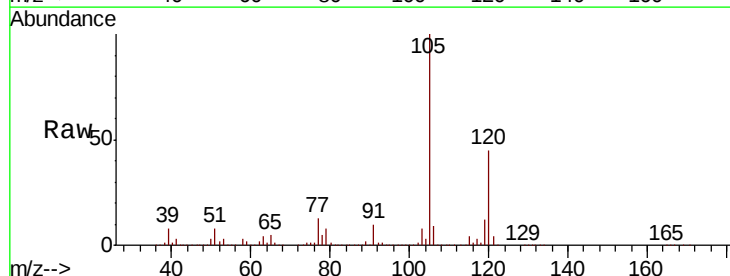
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion:119 Resp: 509200
Ion Ratio Lower Upper
119 100
91 59.2 29.7 89.1
134 22.1 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 53.937 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion:105 Resp: 538513
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





#85

sec-Butylbenzene

Concen: 55.726 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

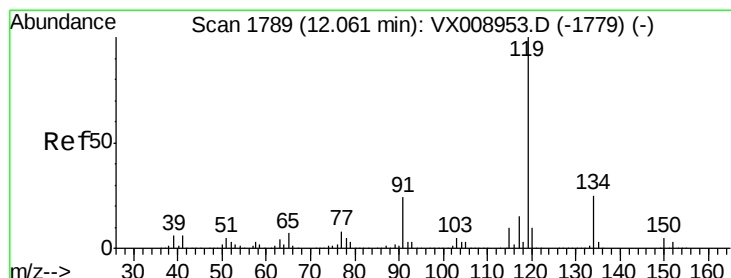
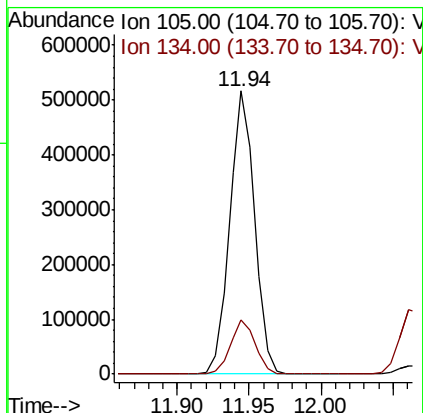
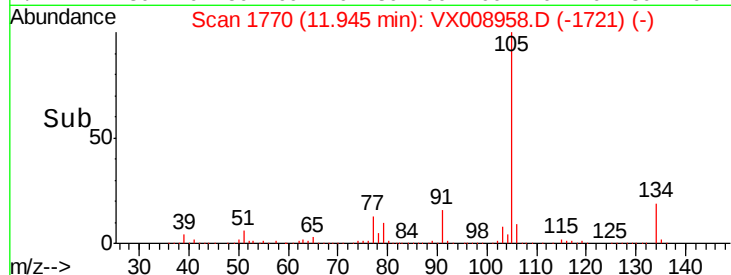
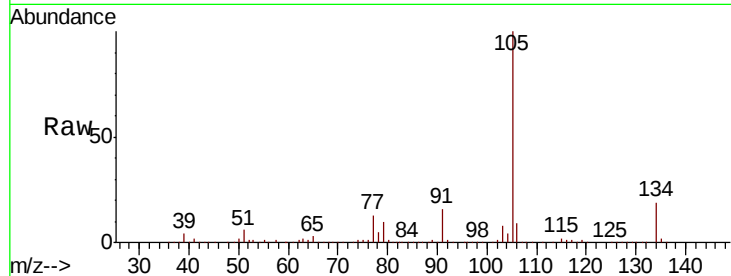
ICVVX041519

Tot Ion:105 Resp: 625867

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 54.721 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

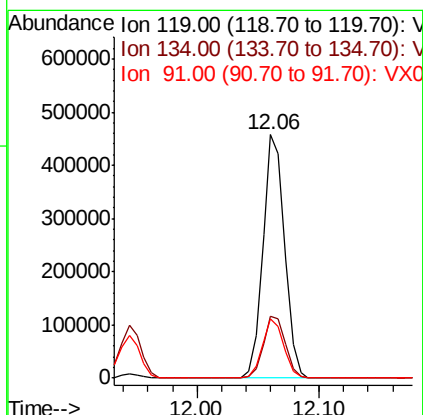
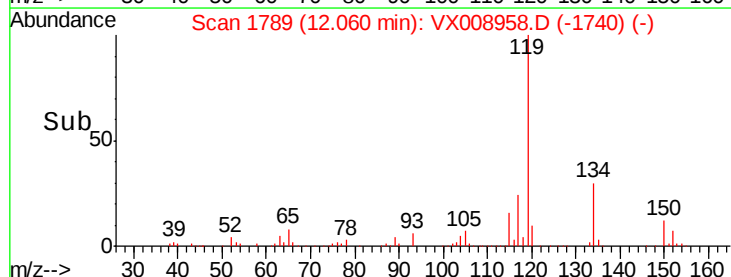
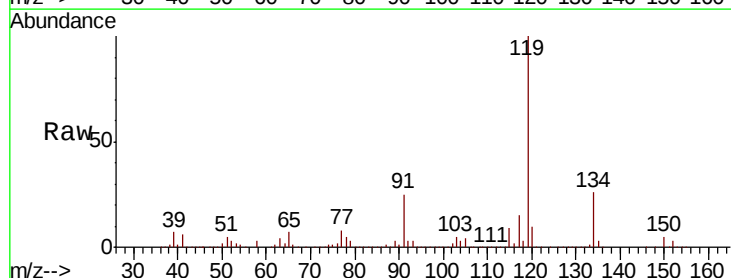
Tgt Ion:119 Resp: 565033

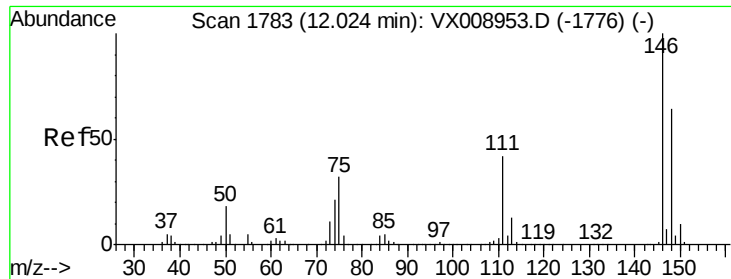
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.0 11.9 35.5

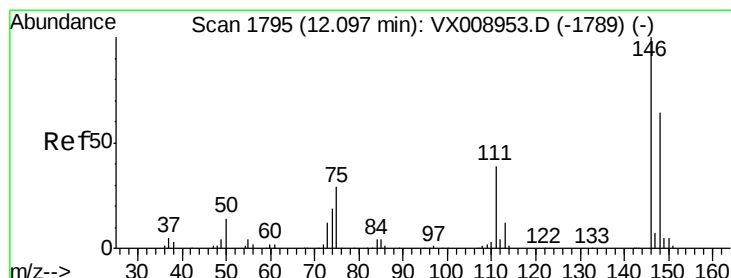
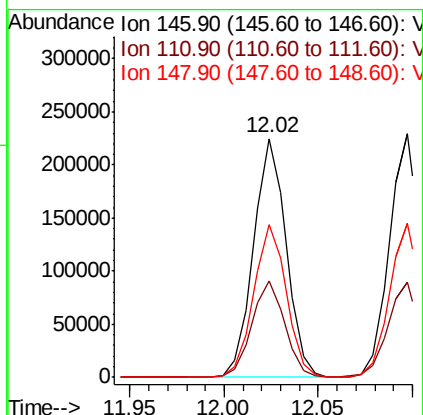
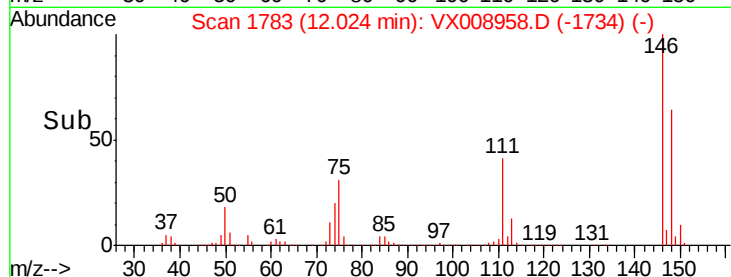
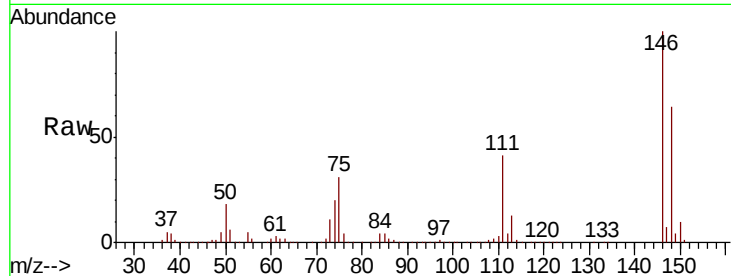




#87
 1,3-Dichlorobenzene
 Concen: 52.431 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

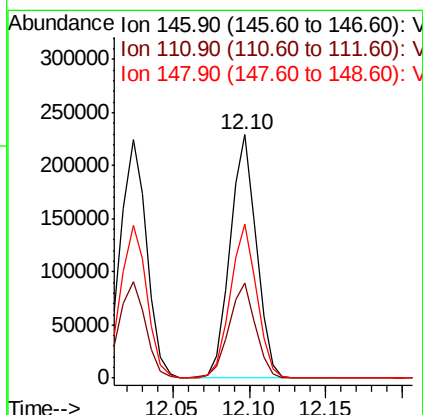
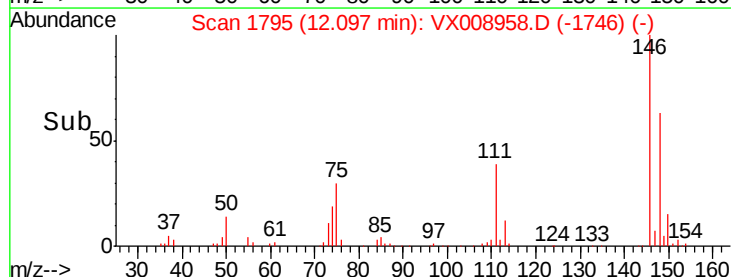
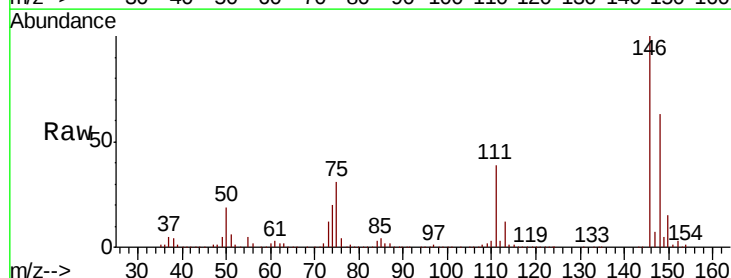
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

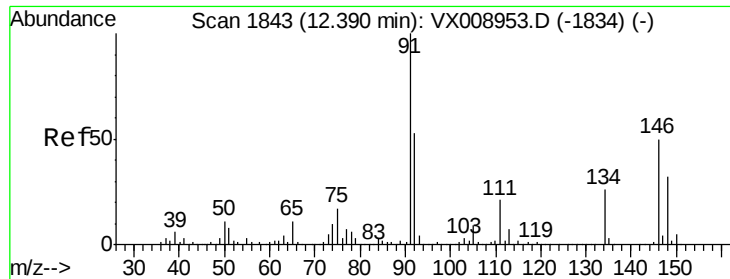
Tot Ion:146 Resp: 270622
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.6
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.948 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion:146 Resp: 271804
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.5 32.2 96.6





#89

n-Butylbenzene

Concen: 56.573 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

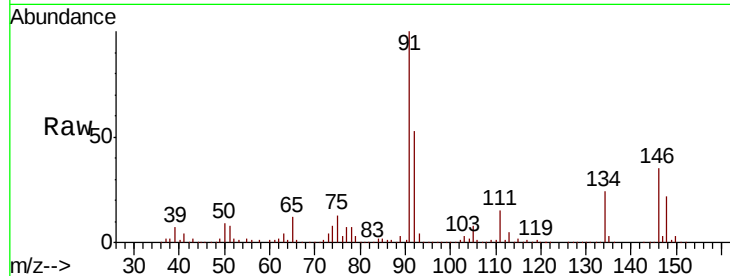
Tot Ion: 91 Resp: 544032

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.8

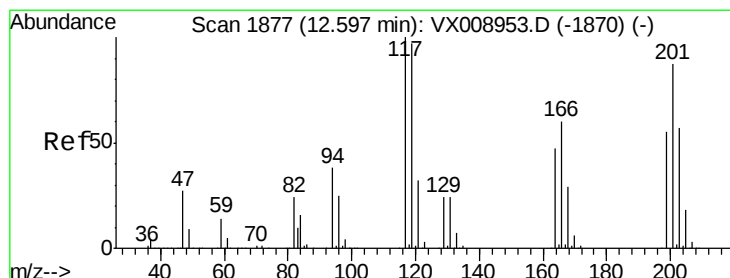
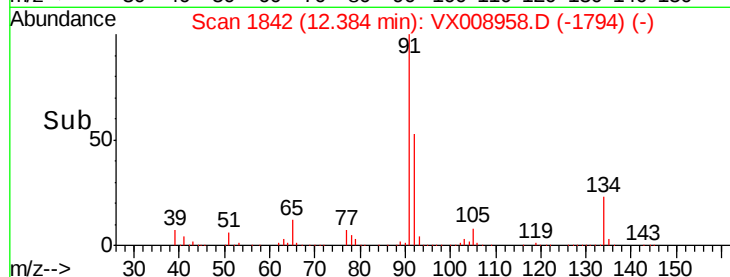
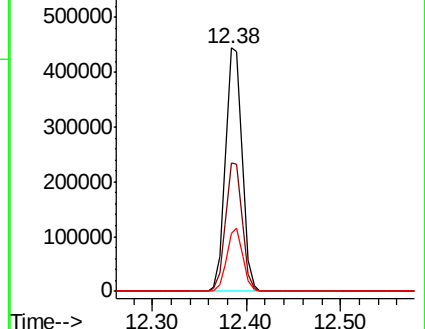
134 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX008958.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008958.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008958.D (-1834) (-)



#90

Hexachloroethane

Concen: 56.264 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008958.D

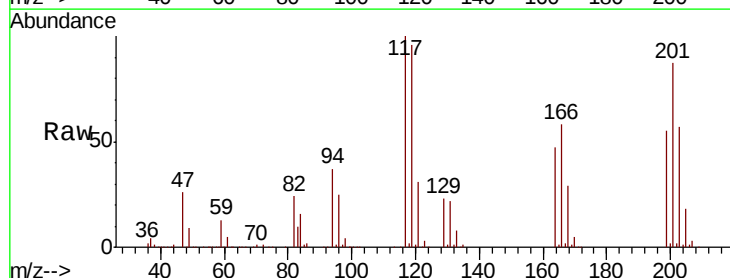
Acq: 15 Apr 2019 13:49

Tgt Ion: 117 Resp: 95833

Ion Ratio Lower Upper

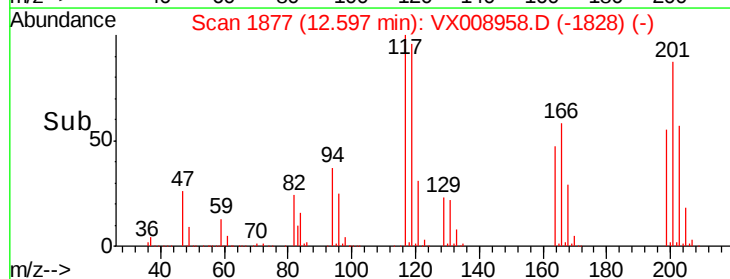
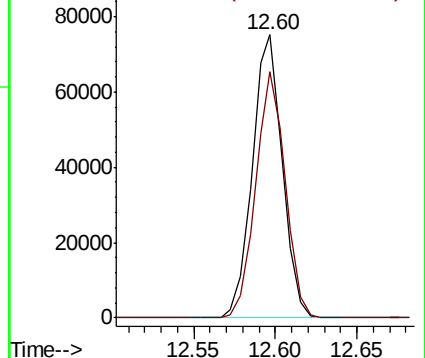
117 100

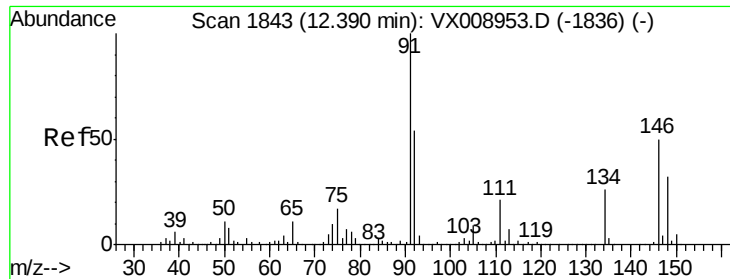
201 85.6 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): VX008958.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008958.D (-1870) (-)

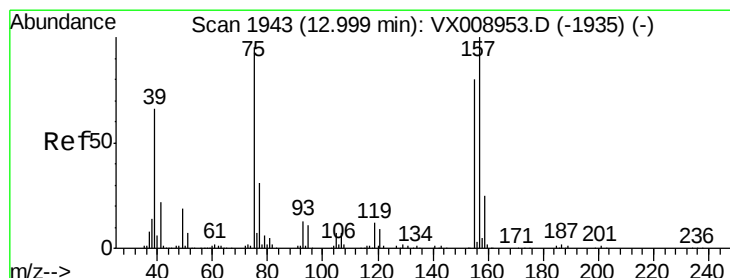
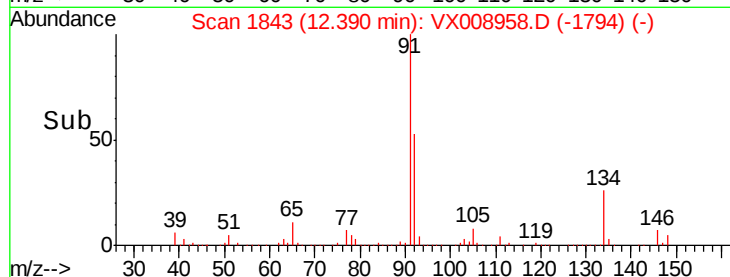
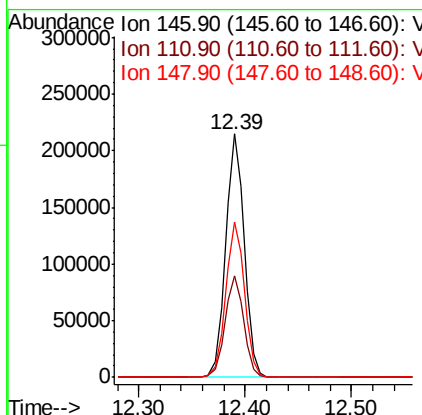
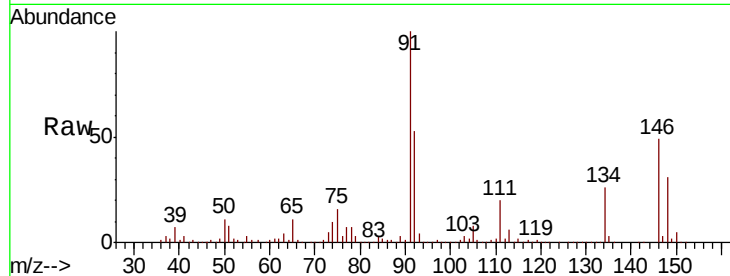




#91
 1,2-Dichlorobenzene
 Concen: 51.417 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

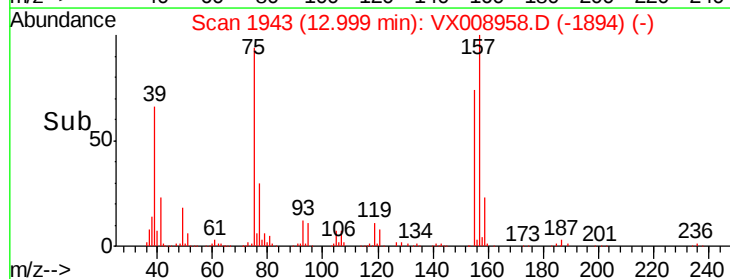
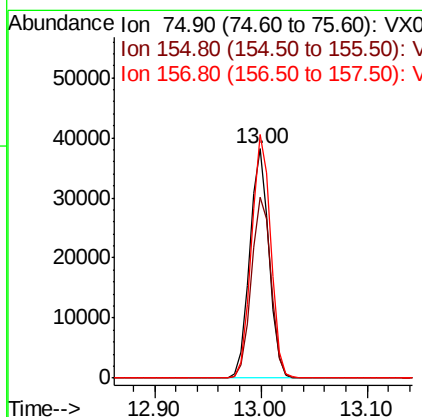
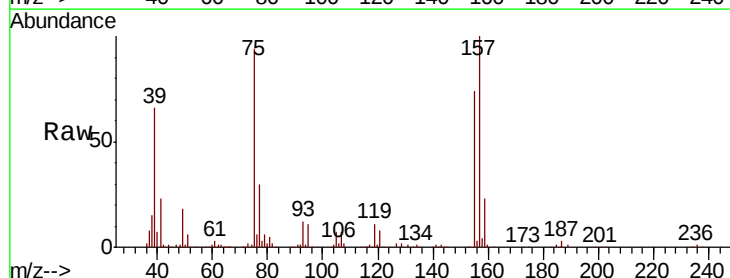
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

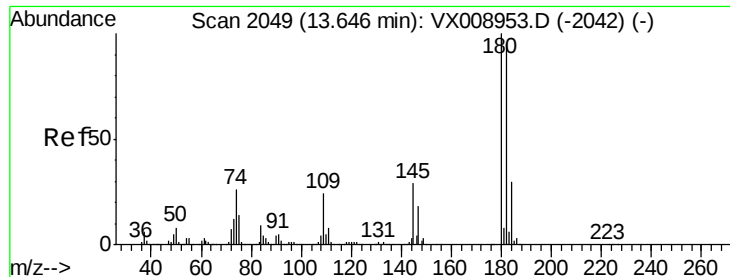
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.9
148	64.5	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.969 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	41.2	123.6
157	105.9	52.5	157.6

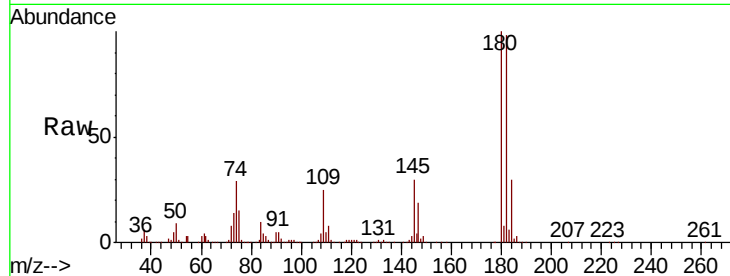




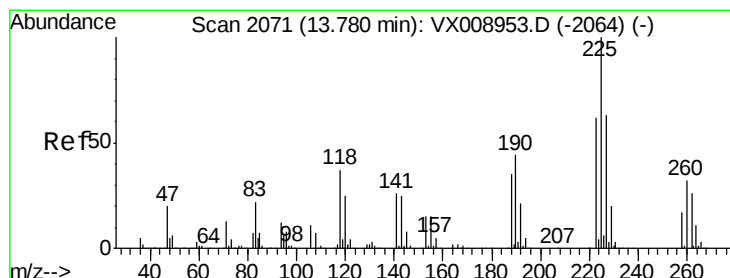
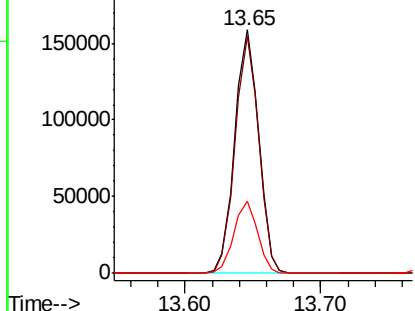
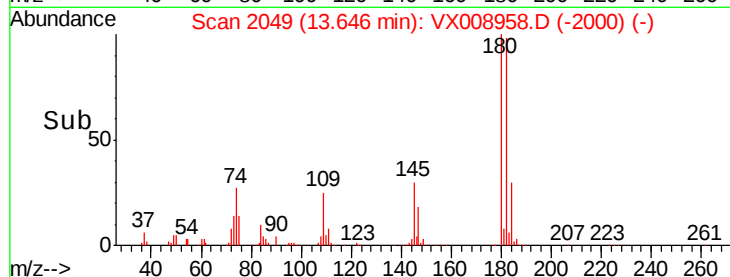
#93
 1,2,4-Trichlorobenzene
 Concen: 52.916 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion:180 Resp: 194688
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 29.5 14.8 44.4

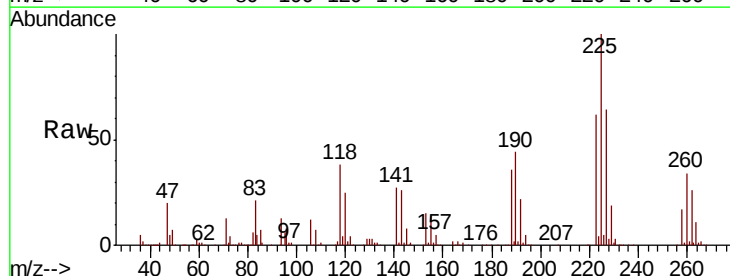


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

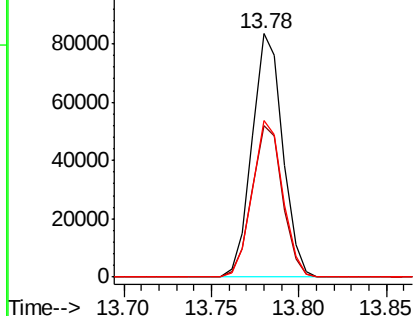
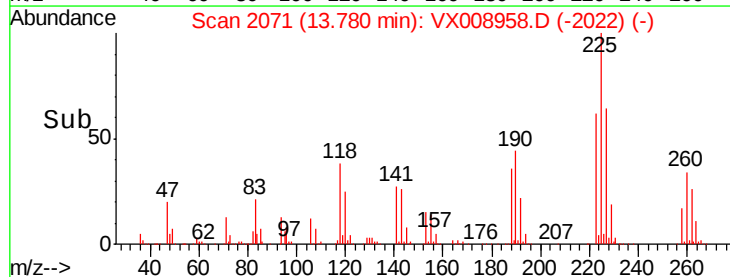


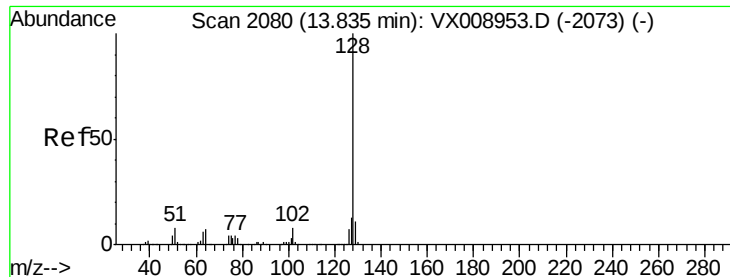
#94
 Hexachlorobutadiene
 Concen: 55.432 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion:225 Resp: 101718
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.2
 227 63.8 32.0 96.2



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

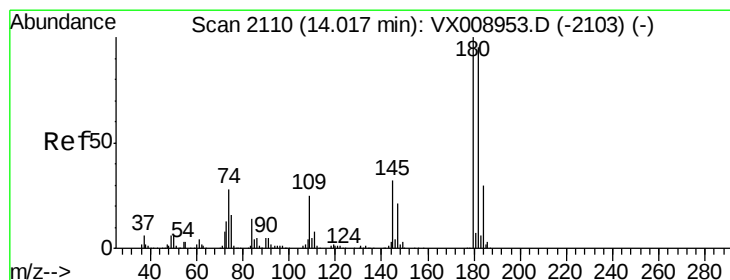
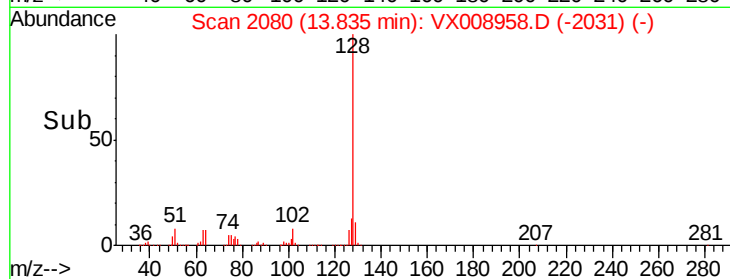
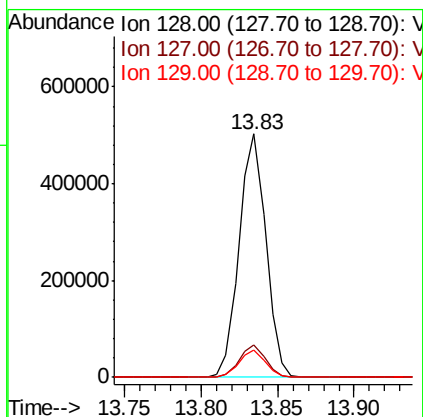
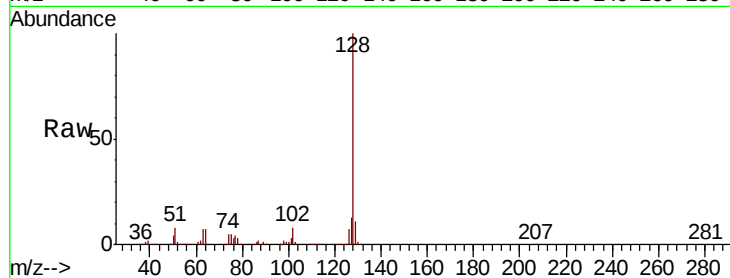




#95
Naphthalene
Concen: 51.784 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion:128 Resp: 610408
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.099 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion:180 Resp: 192759
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.4
145 31.0 15.8 47.3

