

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050119\
 Data File : VX009257.D
 Acq On : 01 May 2019 15:44
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

Quant Time: May 02 06:59:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	33586	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	196921	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	174025	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	82724	29.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.97%
60) 4-Bromofluorobenzene	11.13	95	87883	29.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.07%
63) Toluene-d8	8.71	98	249550	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	39368	22.059	ug/l 99
3) Chloromethane	1.32	50	52365	21.829	ug/l 99
4) Vinyl Chloride	1.40	62	50123	20.945	ug/l 98
5) Bromomethane	1.64	94	30997	20.434	ug/l 97
6) Chloroethane	1.72	64	31584	20.125	ug/l 100
7) Trichlorofluoromethane	1.93	101	63148	21.370	ug/l 100
8) Diethyl Ether	2.18	74	28920	21.077	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41031	22.427	ug/l 98
10) 1,1-Dichloroethene	2.37	96	38898	21.174	ug/l 98
11) Methyl Iodide	2.51	142	38835	19.447	ug/l 99
12) Methyl Acetate	2.77	43	69003	19.942	ug/l 99
13) Acrolein	2.29	56	36151	76.175	ug/l 100
14) Acrylonitrile	3.13	53	151926	101.173	ug/l 99
15) Acetone	2.44	58	43675	101.301	ug/l 100
16) Carbon Disulfide	2.57	76	106801	21.487	ug/l 99
17) Allyl chloride	2.73	41	92020	20.865	ug/l 99
18) Methylene Chloride	2.85	84	47028	21.182	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	42367	21.630	ug/l 99
20) Diisopropyl ether	3.85	45	184187	21.207	ug/l 93
21) 1,1-Dichloroethane	3.69	63	88257	20.998	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	49113	20.817	ug/l 97
23) tert-Butyl Alcohol	3.04	59	61954	97.571	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	151418	21.062	ug/l 99
25) Chloroform	5.20	83	81288	21.193	ug/l 98
26) Cyclohexane	5.57	56	86095	21.979	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	62053	21.476	ug/l 99
30) 2-Butanone	4.67	43	228887	101.148	ug/l 100
31) 2,2-Dichloropropane	4.58	77	67776	21.277	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	67407	21.519	ug/l 97
33) Carbon Tetrachloride	5.77	117	55983	21.361	ug/l 99
34) Benzene	6.14	78	190048	21.334	ug/l 99
35) Methacrylonitrile	5.04	41	48372	20.431	ug/l 97
36) 1,2-Dichloroethane	6.19	62	68913	21.320	ug/l 99
37) Trichloroethene	7.21	130	45665	21.295	ug/l 99
38) Methylcyclohexane	7.46	83	79811	22.357	ug/l 99
39) 1,2-Dichloropropane	7.51	63	53755	21.190	ug/l 99
40) Dibromomethane	7.66	93	29901	20.767	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050119\
 Data File : VX009257.D
 Acq On : 01 May 2019 15:44
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

Quant Time: May 02 06:59:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	61635	20.957	ug/l	96
42) Vinyl Acetate	3.81	43	793464	106.240	ug/l	100
43) Ethyl Acetate	4.82	43	84034	20.551	ug/l	98
44) Isopropyl Acetate	6.44	43	136153	20.554	ug/l	99
45) 1,4-Dioxane	7.74	88	26015	400.012	ug/l	99
46) Methyl methacrylate	7.77	41	67851	20.522	ug/l	99
47) n-amyl Acetate	10.90	43	121583	20.375	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	72112	21.015	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	78610	20.867	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	46919	21.270	ug/l	97
51) Ethyl methacrylate	9.18	69	84845	20.814	ug/l	97
52) 1,3-Dichloropropane	9.37	76	82442	21.058	ug/l	100
53) Dibromochloromethane	9.58	129	45729	20.815	ug/l	99
54) 1,2-Dibromoethane	9.67	107	47724	21.095	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	210077	96.712	ug/l	99
56) Bromoform	10.85	173	33984	20.152	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	439258	102.653	ug/l	100
59) 2-Hexanone	9.49	43	344999	102.792	ug/l	100
61) Tetrachloroethene	9.33	164	42443	22.124	ug/l	98
62) Toluene	8.78	91	201663	21.686	ug/l	99
64) Chlorobenzene	10.13	112	120082	21.456	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	43258	21.110	ug/l	100
66) Ethyl Benzene	10.25	91	224500	21.671	ug/l	99
67) m/p-Xylenes	10.35	106	164146	43.399	ug/l	99
68) o-Xylene	10.69	106	80472	21.638	ug/l	97
69) Styrene	10.71	104	139772	21.409	ug/l	100
70) Isopropylbenzene	11.02	105	217731	21.769	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	75960	20.737	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	89424	28.329	ug/l	82
73) Bromobenzene	11.26	156	53161	21.512	ug/l	100
74) n-propylbenzene	11.36	91	255898	22.078	ug/l	99
75) 2-Chlorotoluene	11.42	91	150895	21.705	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	184988	21.834	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	24675	19.379	ug/l	97
78) 4-Chlorotoluene	11.51	91	171421	21.710	ug/l	99
79) tert-butylbenzene	11.77	119	177950	21.727	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	185622	21.859	ug/l	100
81) sec-Butylbenzene	11.94	105	216048	22.202	ug/l	99
82) p-Isopropyltoluene	12.06	119	195319	22.065	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	94665	21.450	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	93224	21.202	ug/l	99
85) n-Butylbenzene	12.38	91	181331	22.388	ug/l	99
86) Hexachloroethane	12.60	117	32077	21.296	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	95303	21.452	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17987	21.131	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	69858	22.062	ug/l	98
90) Hexachlorobutadiene	13.78	225	35848	22.665	ug/l	99
91) Naphthalene	13.83	128	227614	21.955	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	71048	22.073	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050119\
Data File : VX009257.D
Acq On : 01 May 2019 15:44
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

Quant Time: May 02 06:59:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

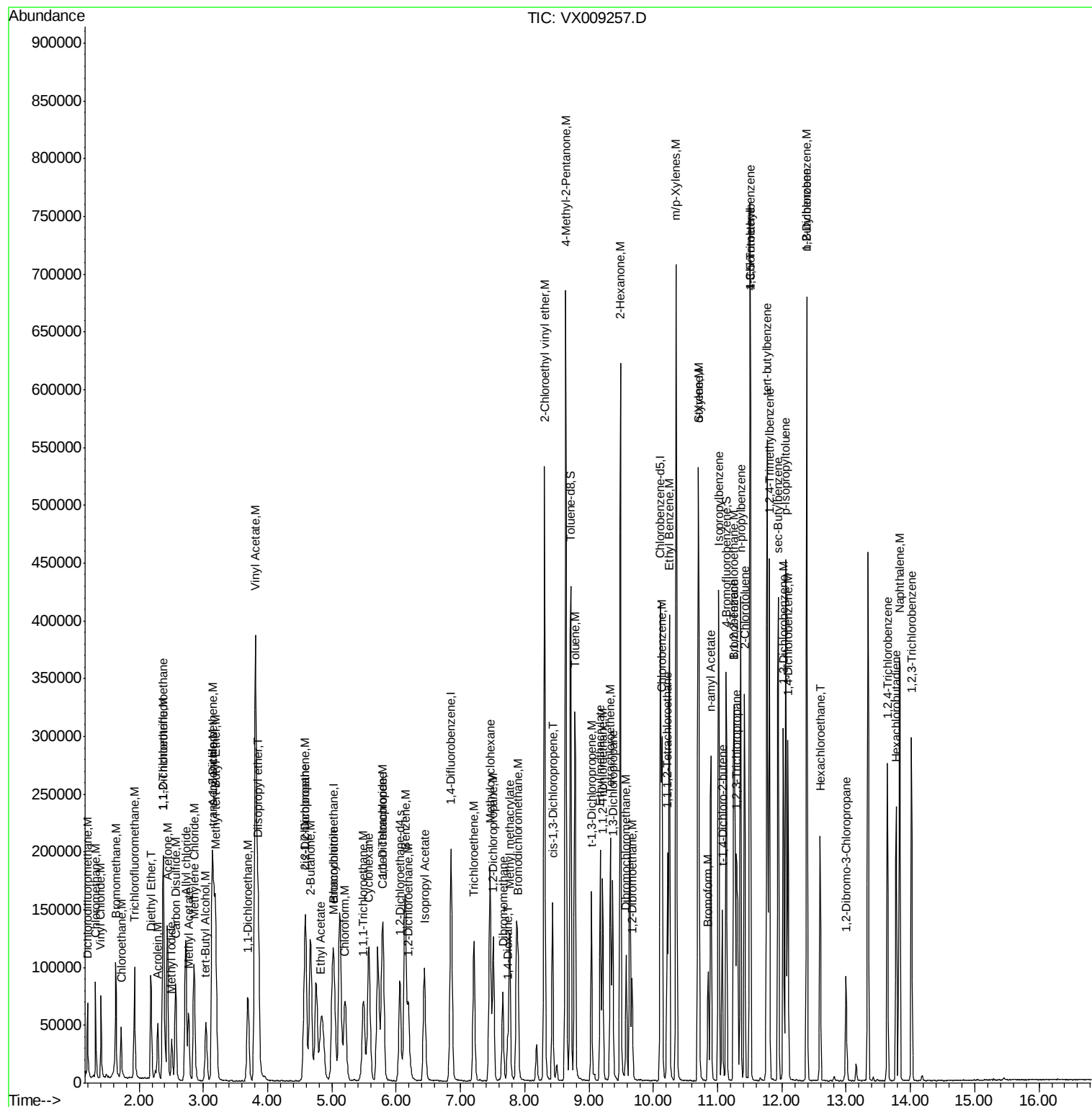
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

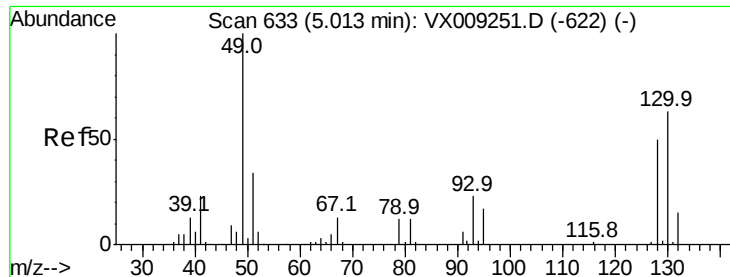
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050119\
Data File : VX009257.D
Acq On : 01 May 2019 15:44
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

Quant Time: May 02 06:59:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

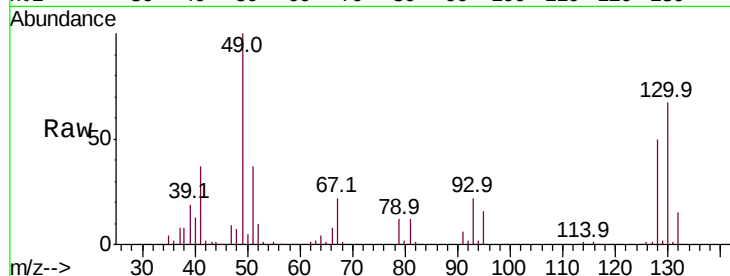
Tot Ion:128 Resp: 33586

Ion Ratio Lower Upper

128 100

49 203.1 0.0 515.0

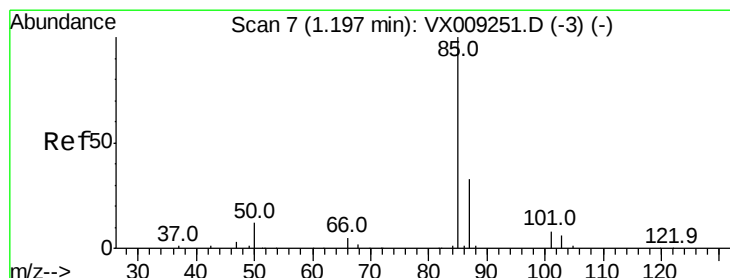
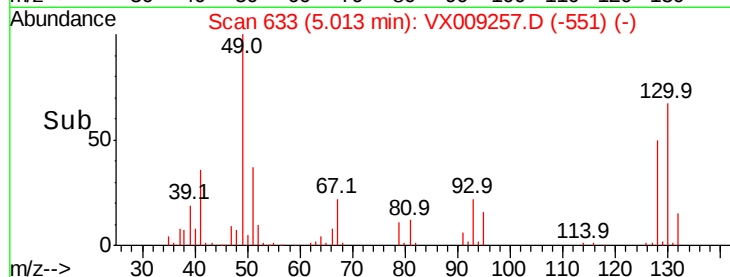
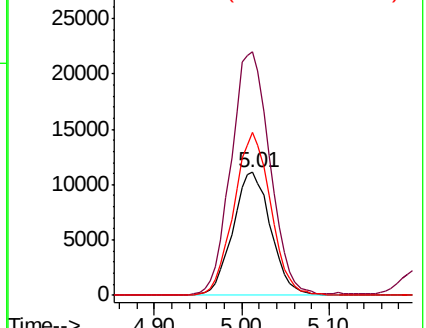
130 128.5 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 22.059 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009257.D

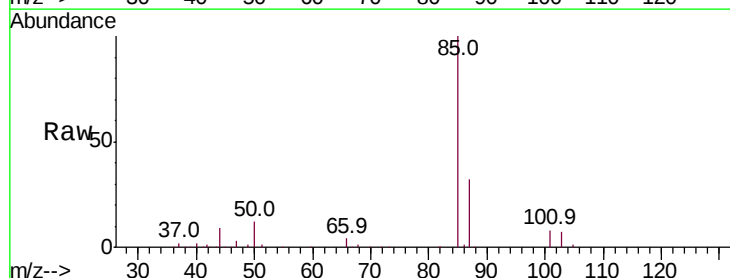
Acq: 01 May 2019 15:44

Tgt Ion: 85 Resp: 39368

Ion Ratio Lower Upper

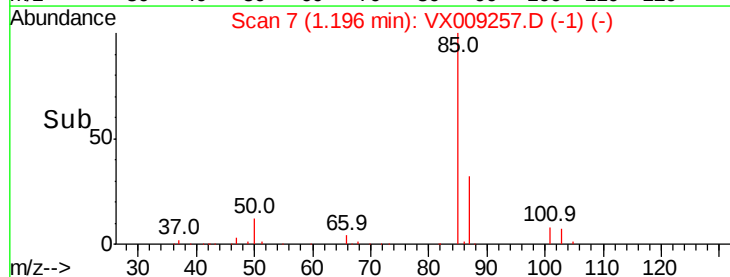
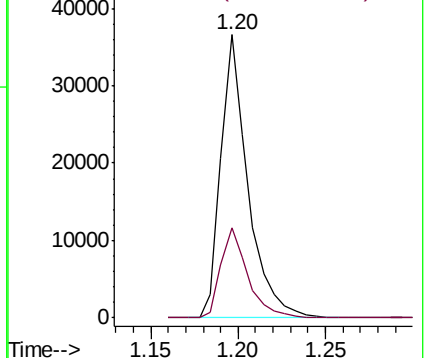
85 100

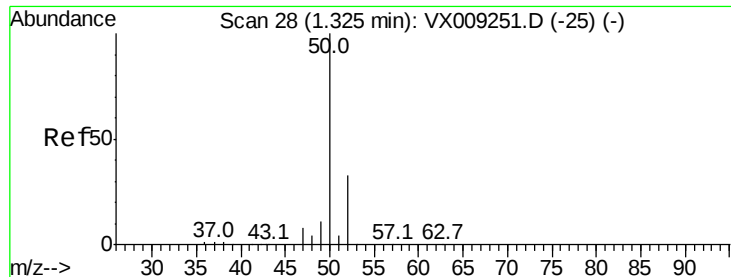
87 32.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 21.829 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

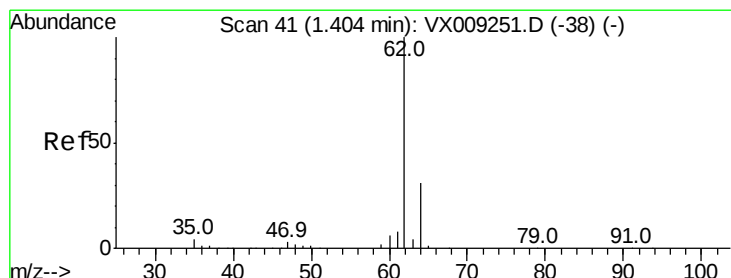
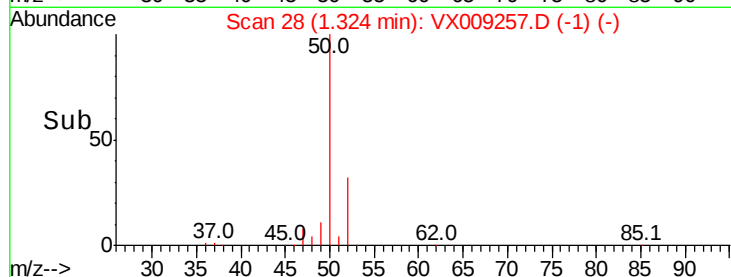
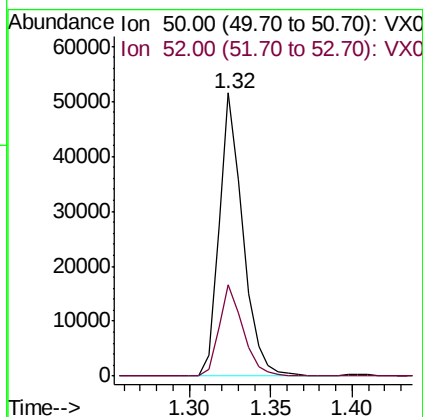
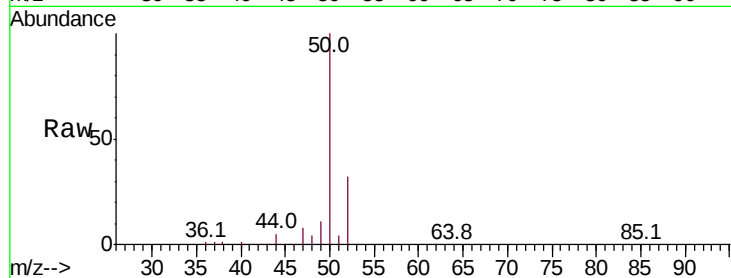
ICVVX050119

Tot Ion: 50 Resp: 52365

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 20.945 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX009257.D

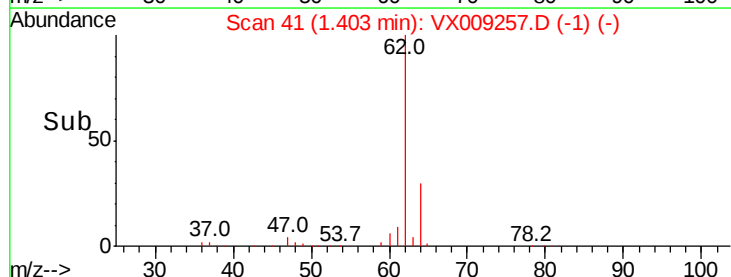
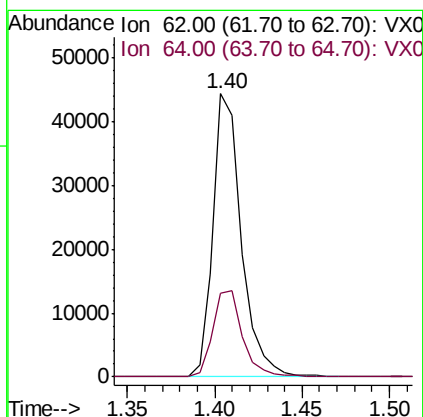
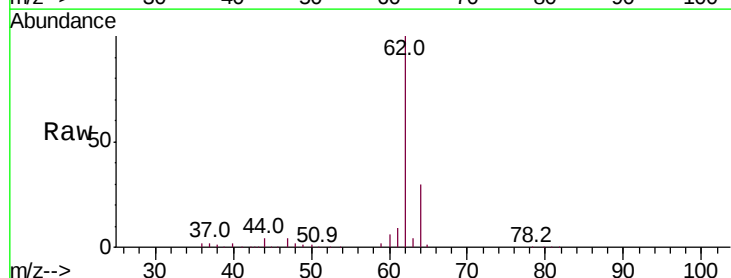
Acq: 01 May 2019 15:44

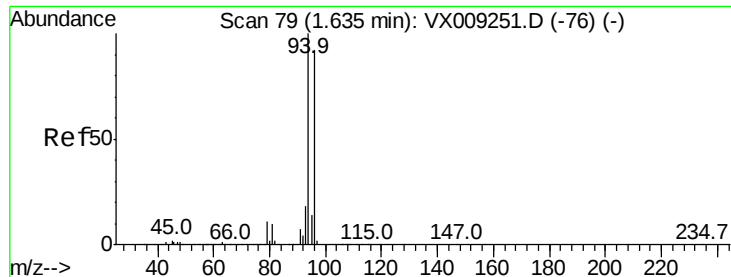
Tgt Ion: 62 Resp: 50123

Ion Ratio Lower Upper

62 100

64 29.6 24.6 36.8





#5

Bromomethane

Concen: 20.434 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

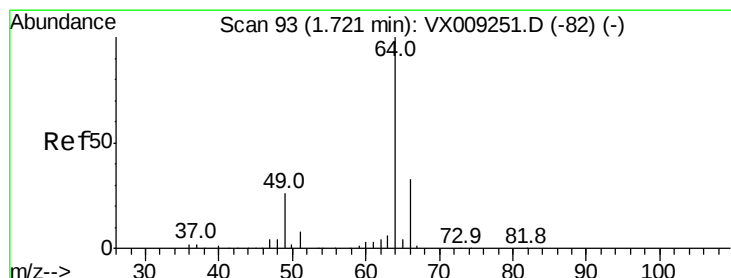
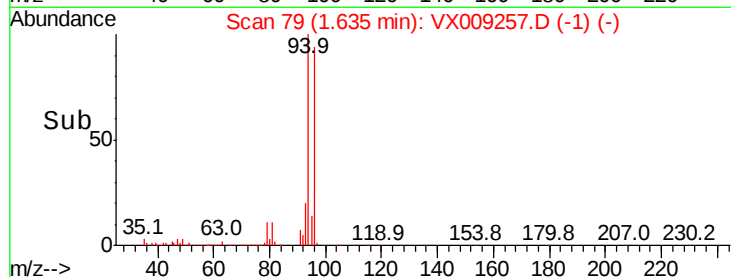
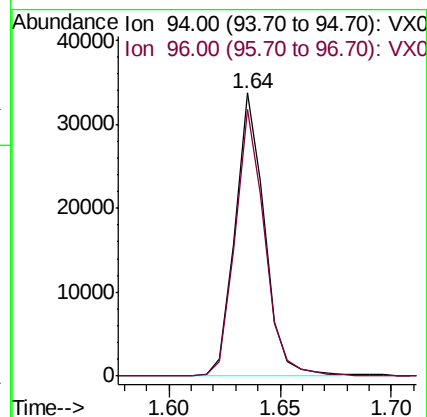
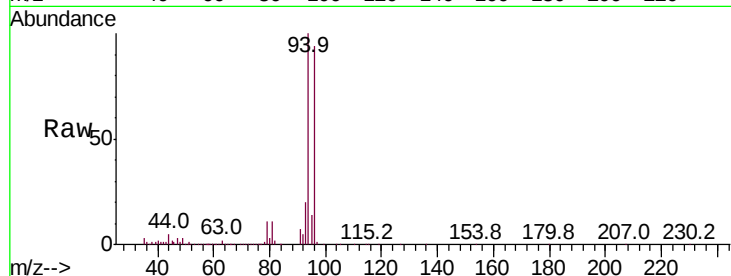
ICVVX050119

Tot Ion: 94 Resp: 30997

Ion Ratio Lower Upper

94 100

96 94.8 73.5 110.3



#6

Chloroethane

Concen: 20.125 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009257.D

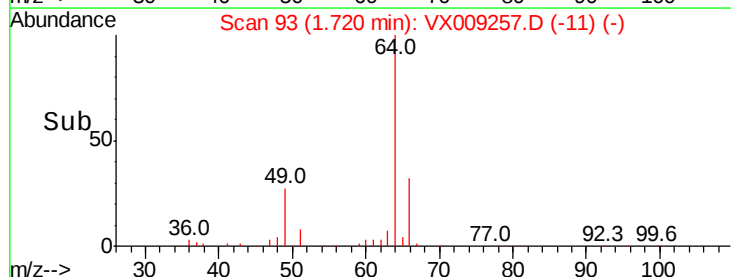
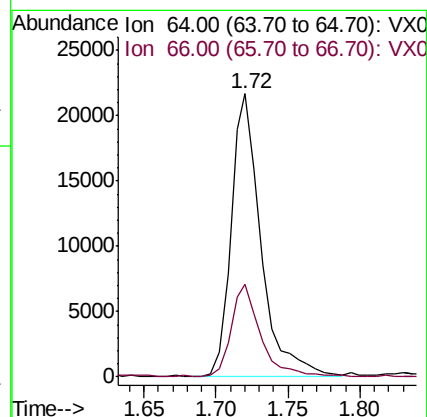
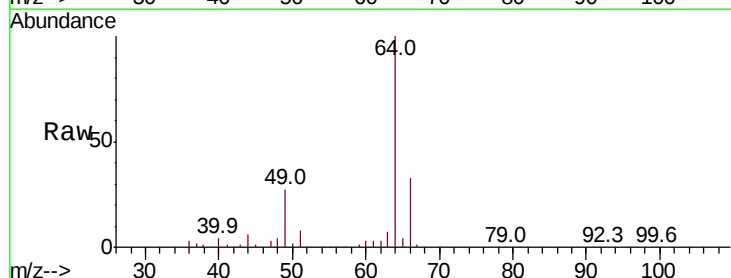
Acq: 01 May 2019 15:44

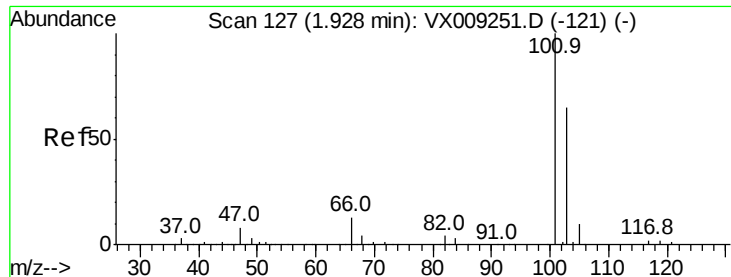
Tgt Ion: 64 Resp: 31584

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9



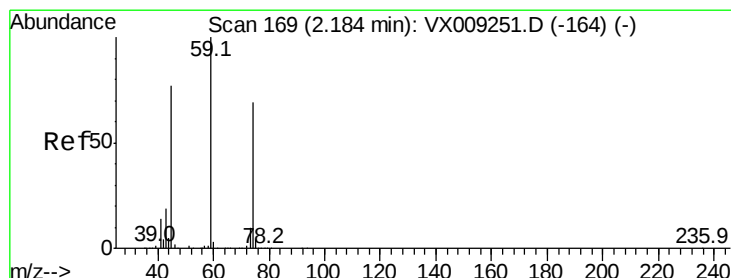
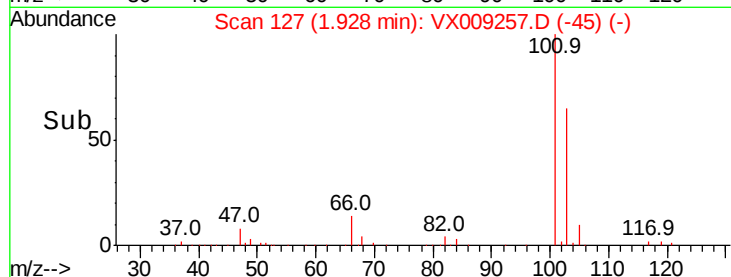
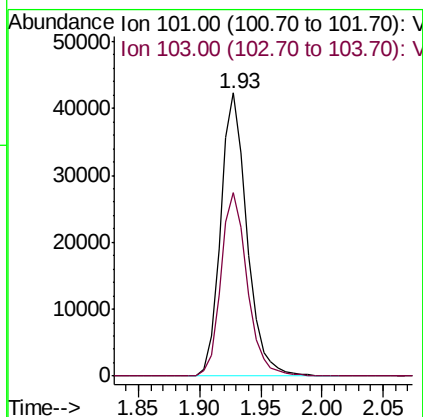
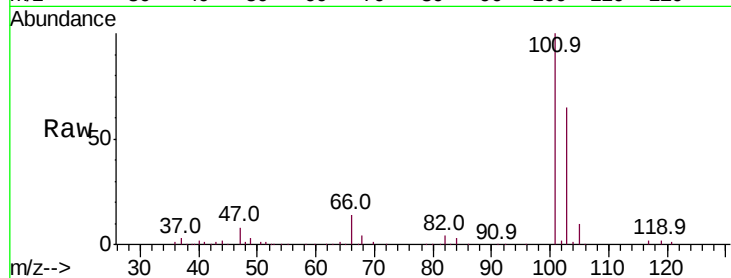


#7

Trichlorofluoromethane
Concen: 21.370 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

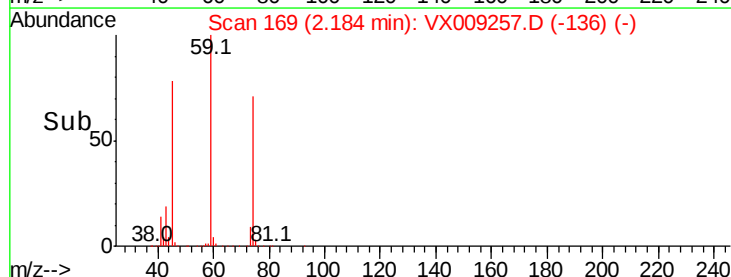
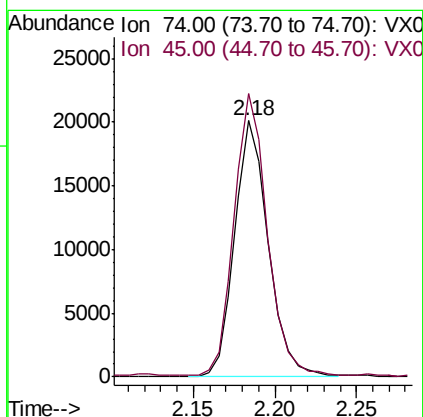
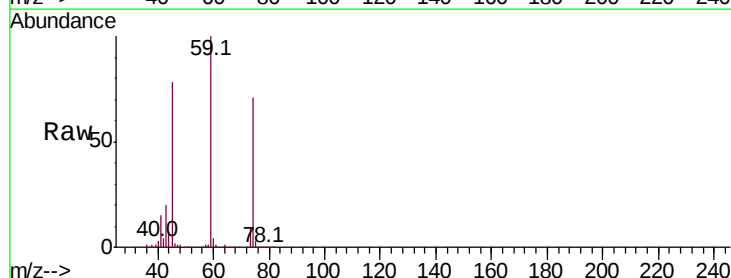
Tot Ion:101 Resp: 63148
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9

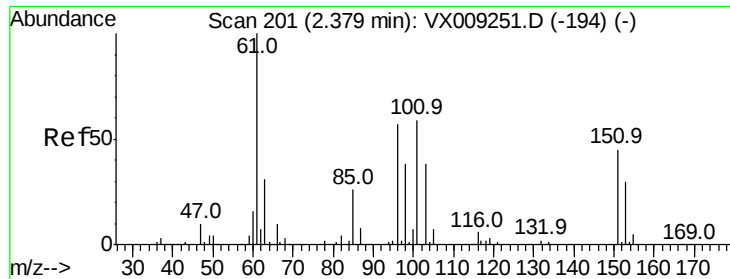


#8

Diethyl Ether
Concen: 21.077 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 74 Resp: 28920
Ion Ratio Lower Upper
74 100
45 109.2 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.427 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

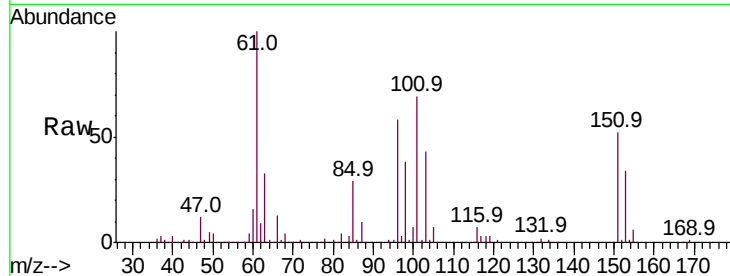
Tot Ion:101 Resp: 41031

Ion Ratio Lower Upper

101 100

85 43.4 0.0 87.4

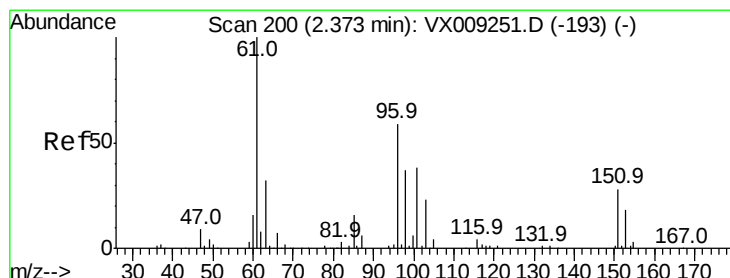
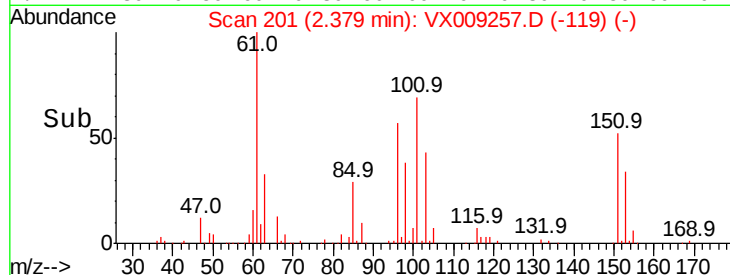
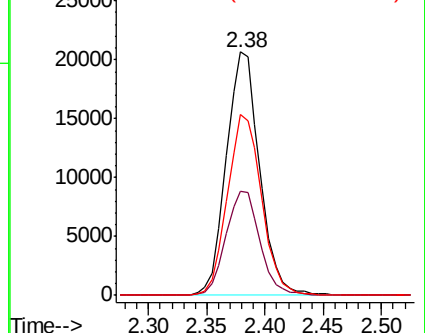
151 76.1 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.174 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

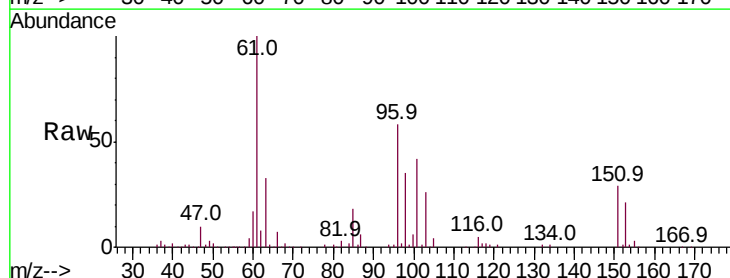
Tgt Ion: 96 Resp: 38898

Ion Ratio Lower Upper

96 100

61 172.9 136.5 204.7

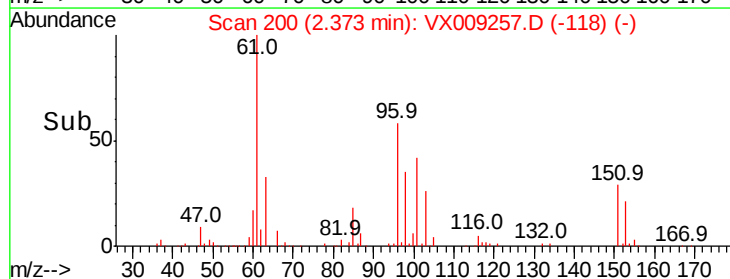
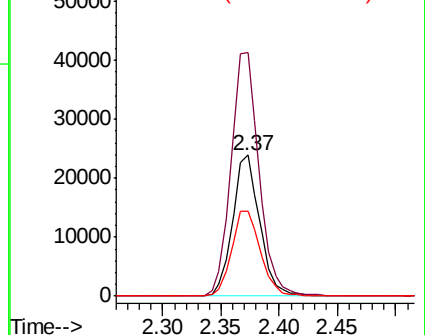
98 60.6 51.0 76.4

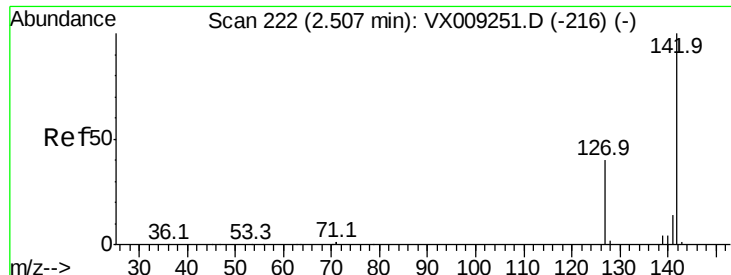


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

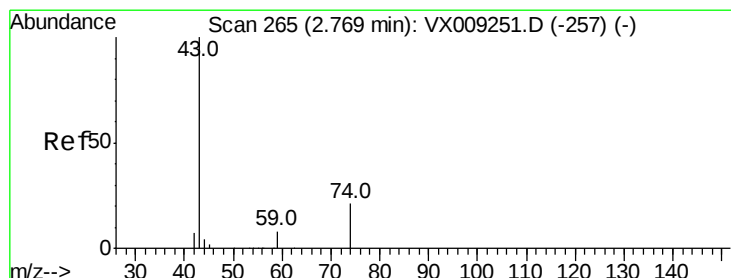
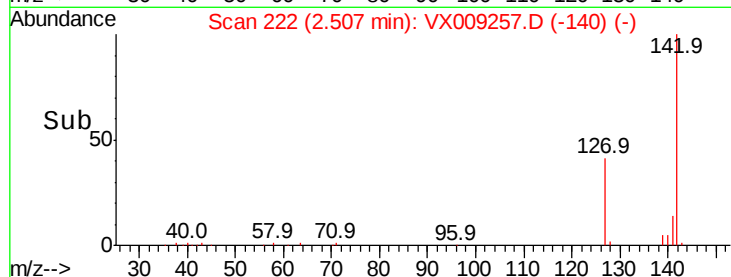
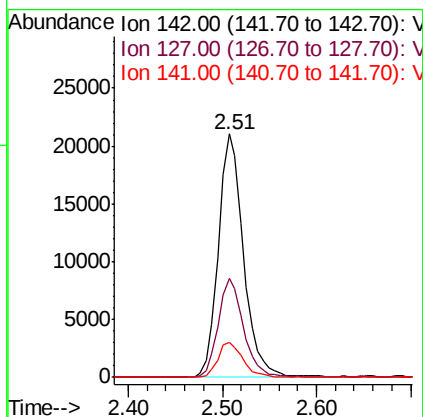
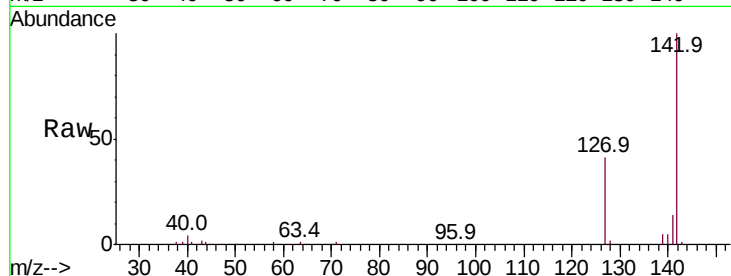




#11
Methvl Iodide
Concen: 19.447 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

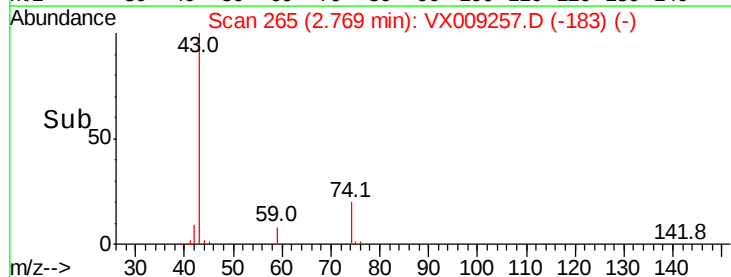
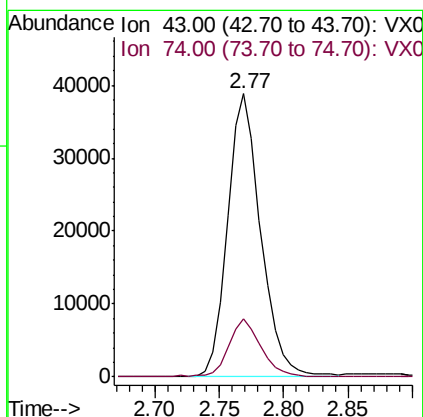
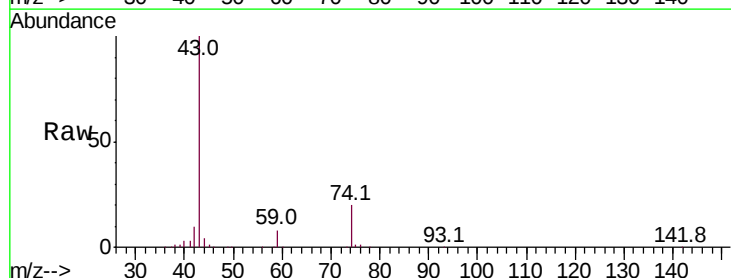
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

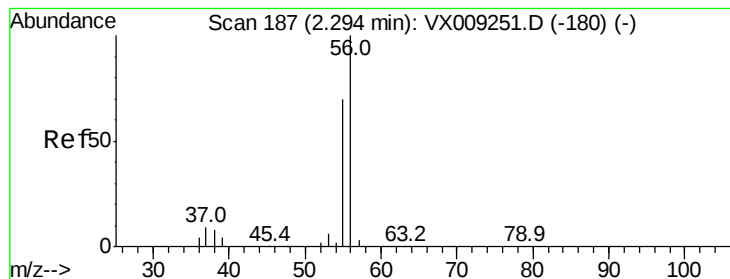
Tot Ion:142 Resp: 38835
Ion Ratio Lower Upper
142 100
127 40.9 20.2 60.5
141 14.4 6.9 20.7



#12
Methyl Acetate
Concen: 19.942 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 43 Resp: 69003
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7





#13

Acrolein

Concen: 76.175 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

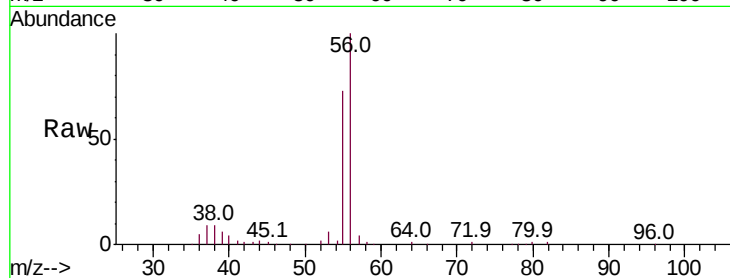
ICVVX050119

Tot Ion: 56 Resp: 36151

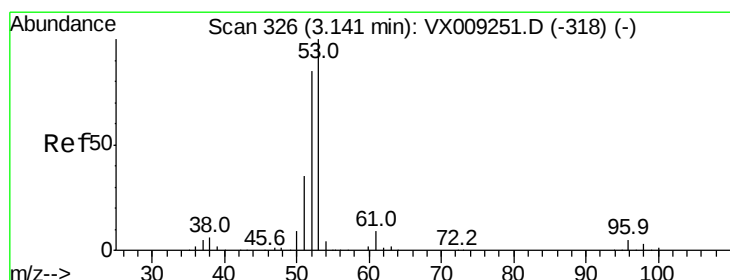
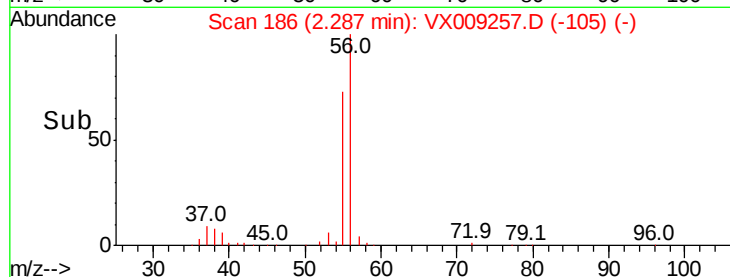
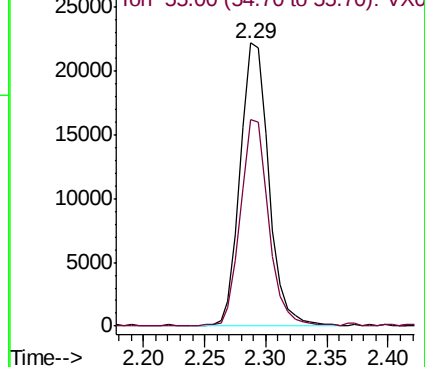
Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX009257.D (-105) (-)



#14

Acrylonitrile

Concen: 101.173 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

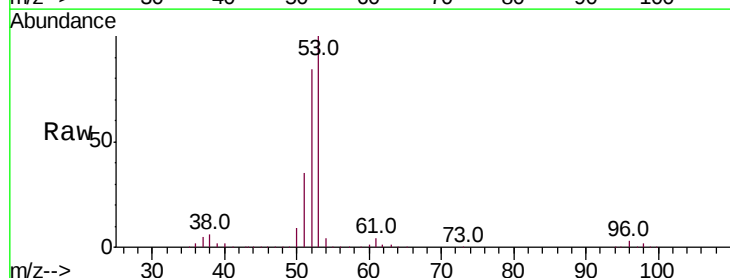
Tgt Ion: 53 Resp: 151926

Ion Ratio Lower Upper

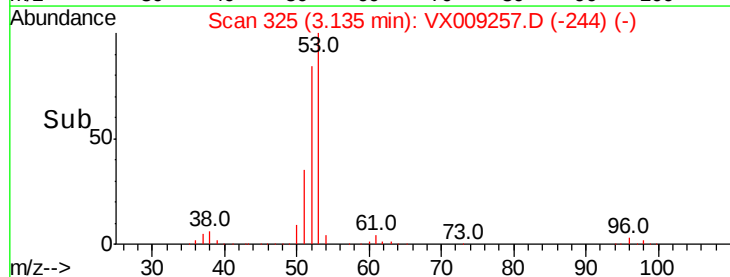
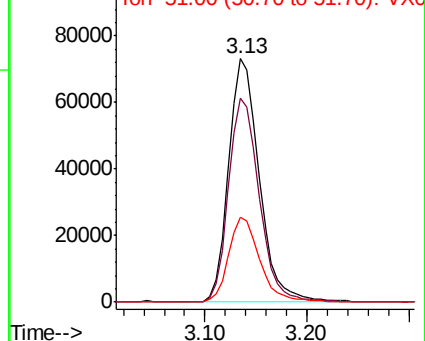
53 100

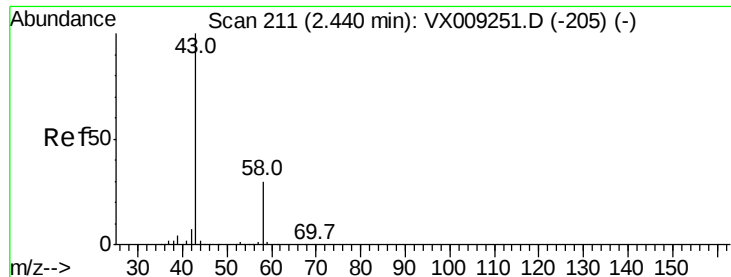
52 84.0 41.5 124.5

51 35.6 17.8 53.3



Abundance Ion 53.00 (52.70 to 53.70): VX009257.D (-244) (-)





#15

Acetone

Concen: 101.301 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

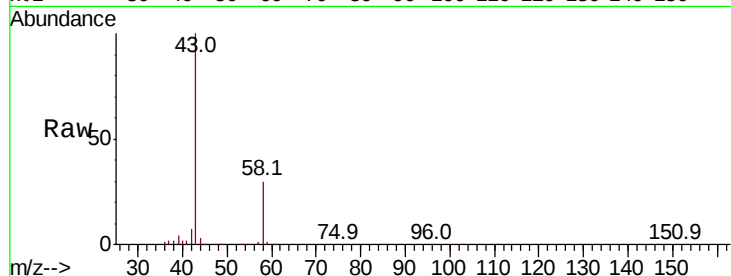
ICVVX050119

Tot Ion: 58 Resp: 43675

Ion Ratio Lower Upper

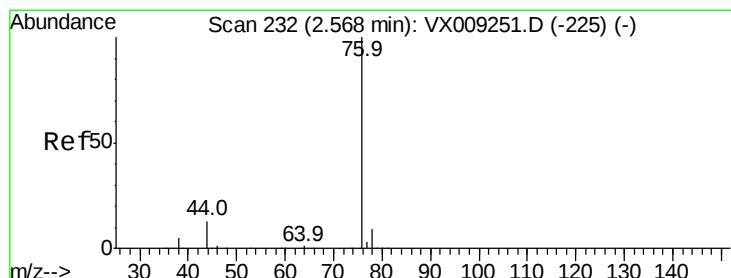
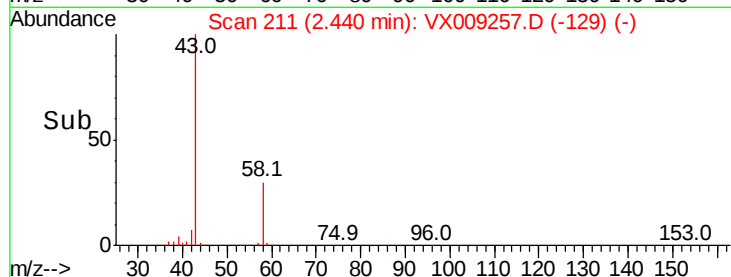
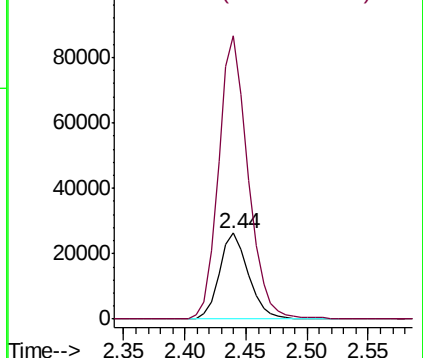
58 100

43 329.6 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 21.487 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009257.D

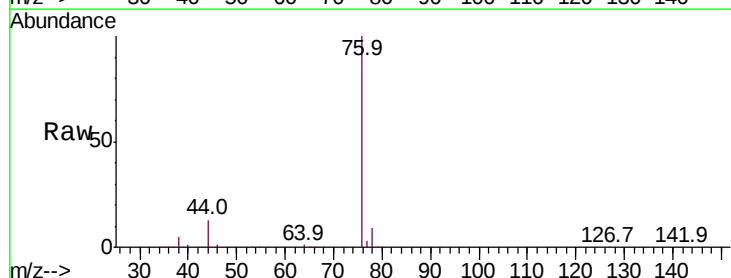
Acq: 01 May 2019 15:44

Tgt Ion: 76 Resp: 106801

Ion Ratio Lower Upper

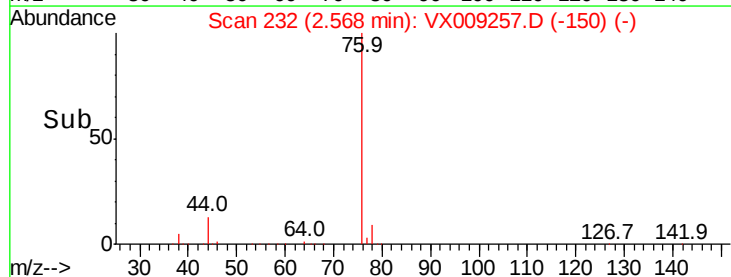
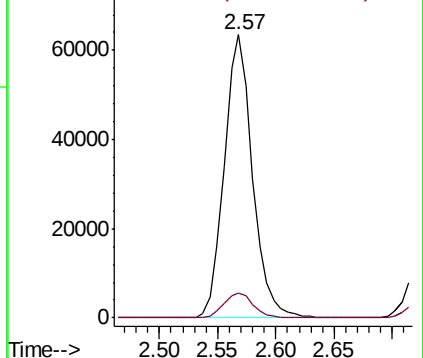
76 100

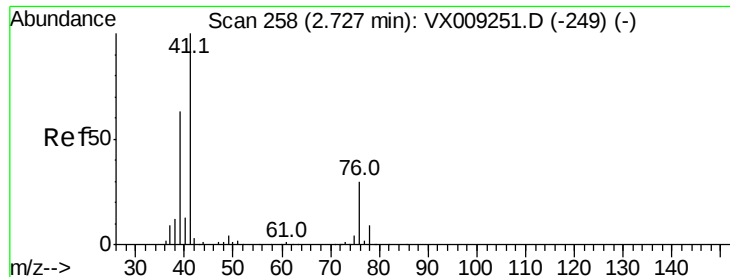
78 8.9 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

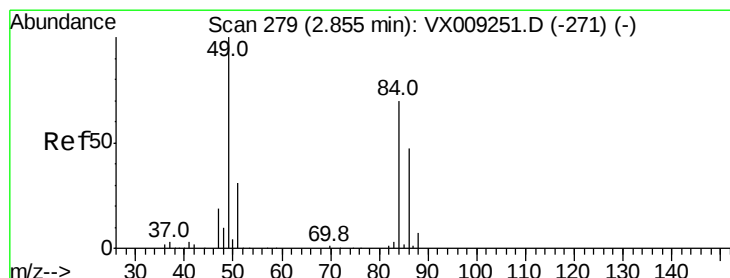
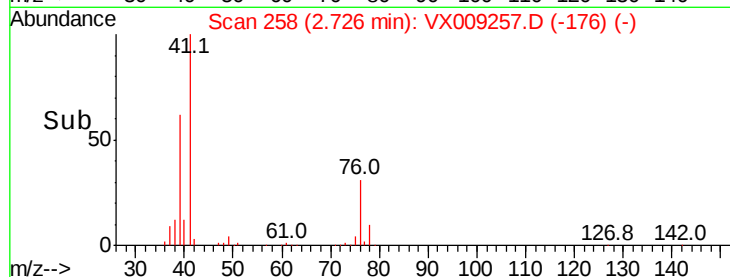
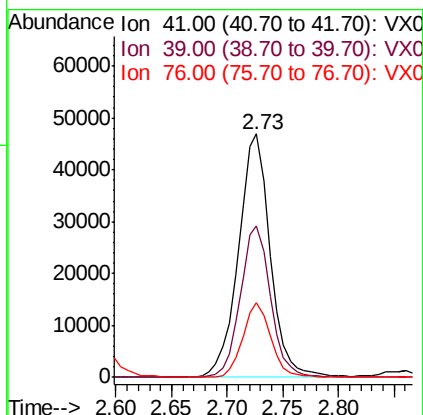
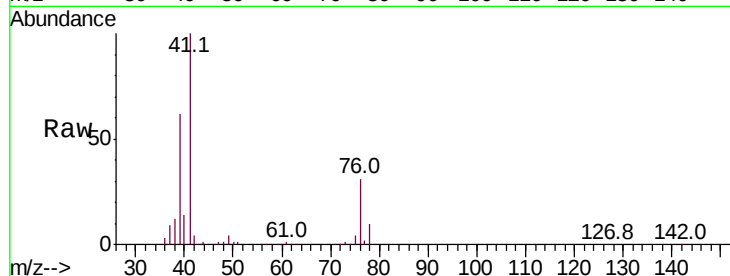




#17
Allvl chloride
Concen: 20.865 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

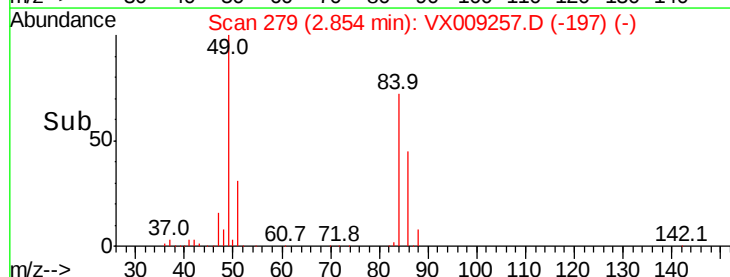
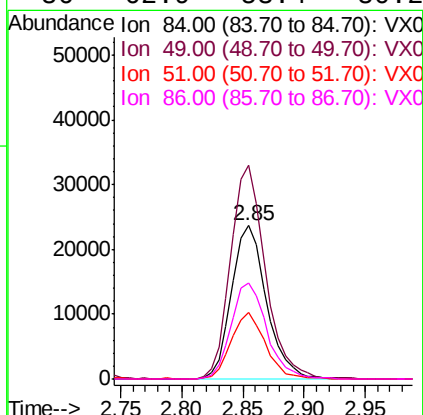
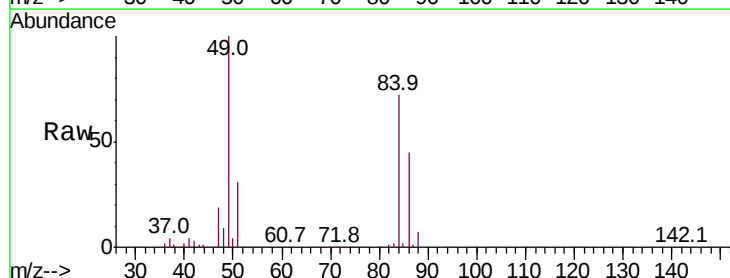
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

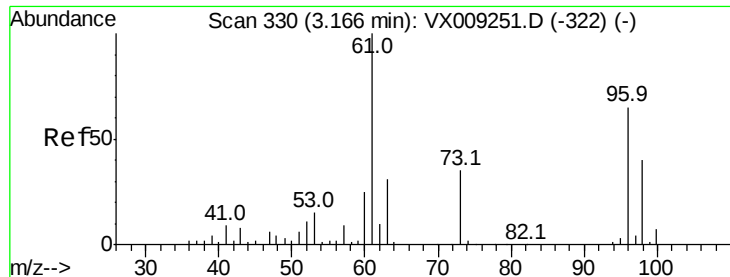
Tot Ion: 41 Resp: 92020
Ion Ratio Lower Upper
41 100
39 62.0 31.6 94.7
76 30.6 15.1 45.3



#18
Methylene Chloride
Concen: 21.182 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 84 Resp: 47028
Ion Ratio Lower Upper
84 100
49 139.1 114.6 171.8
51 43.1 35.5 53.3
86 62.9 53.4 80.2





#19

trans-1,2-Dichloroethene

Concen: 21.630 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

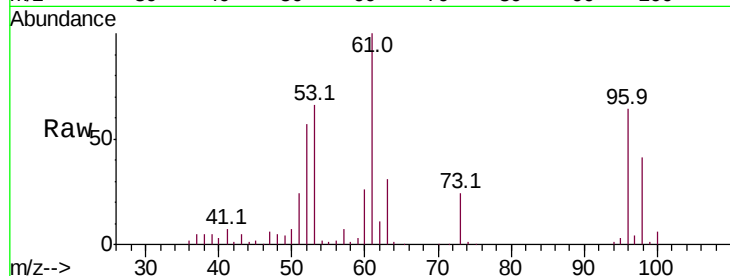
Tot Ion: 96 Resp: 42367

Ion Ratio Lower Upper

96 100

61 155.1 122.7 184.1

98 63.2 49.5 74.3

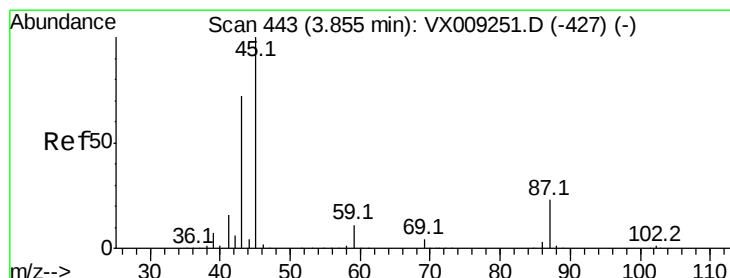
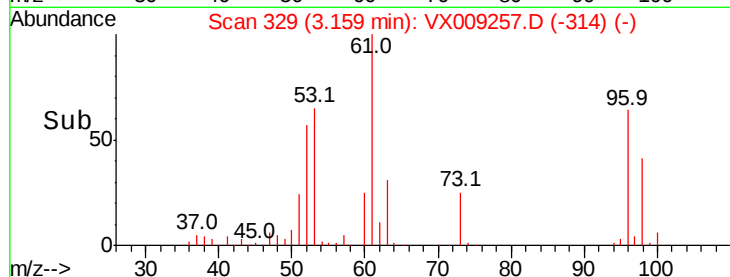
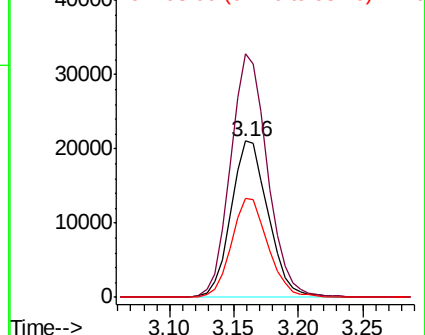


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 21.207 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Tgt Ion: 45 Resp: 184187

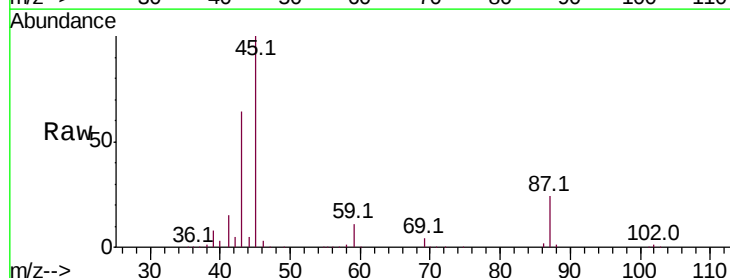
Ion Ratio Lower Upper

45 100

43 64.1 57.7 86.5

87 23.5 18.5 27.7

59 10.9 8.8 13.2



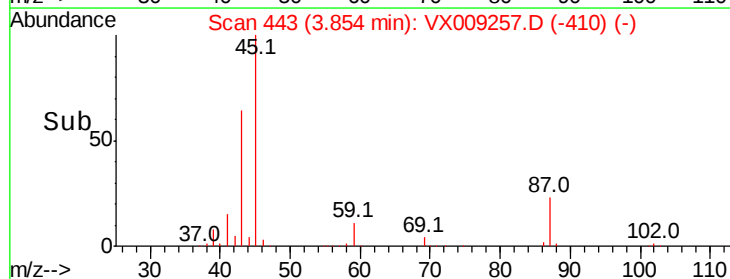
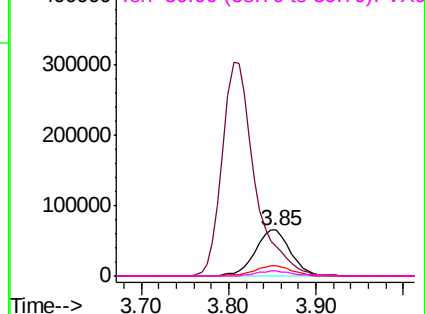
Abundance

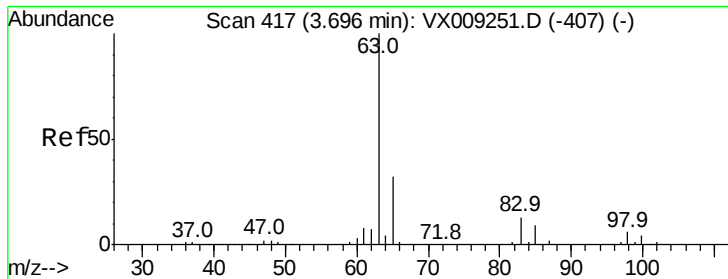
Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 20.998 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

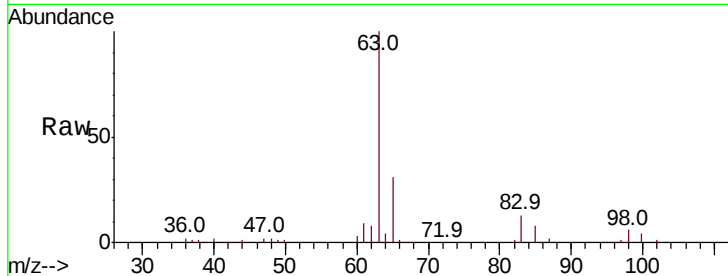
Tot Ion: 63 Resp: 88257

Ion Ratio Lower Upper

63 100

98 5.5 3.1 9.3

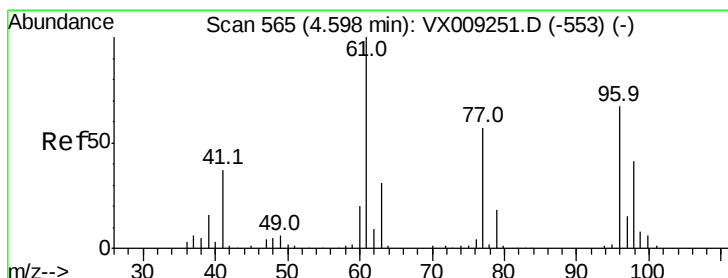
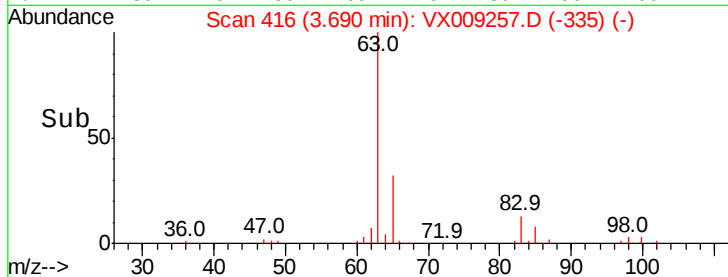
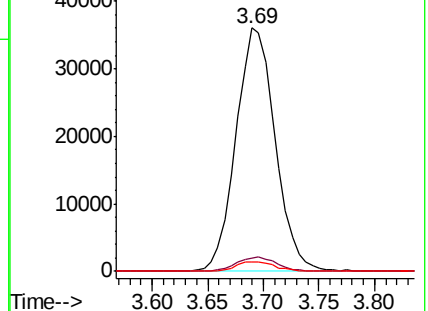
100 3.7 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 20.817 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

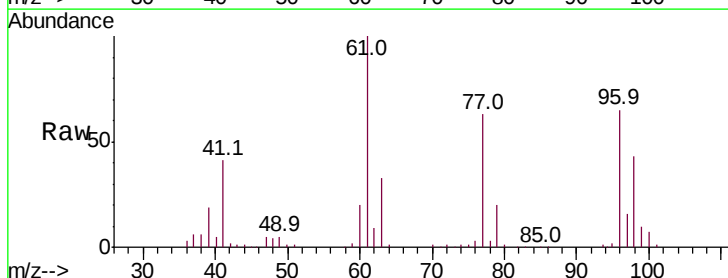
Tgt Ion: 96 Resp: 49113

Ion Ratio Lower Upper

96 100

61 163.7 127.7 191.5

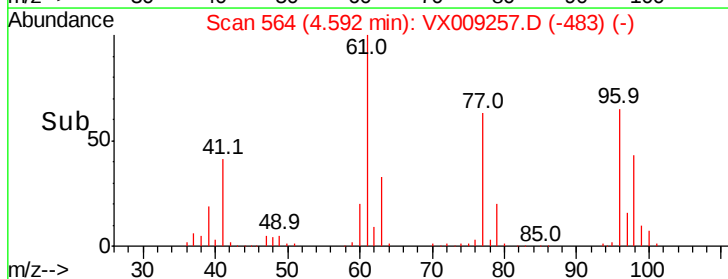
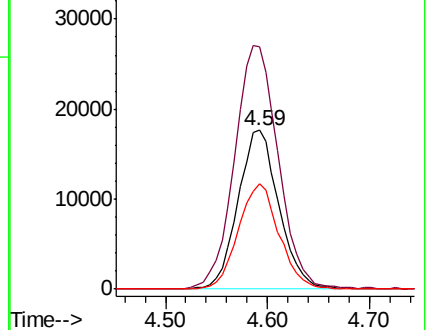
98 66.2 50.5 75.7

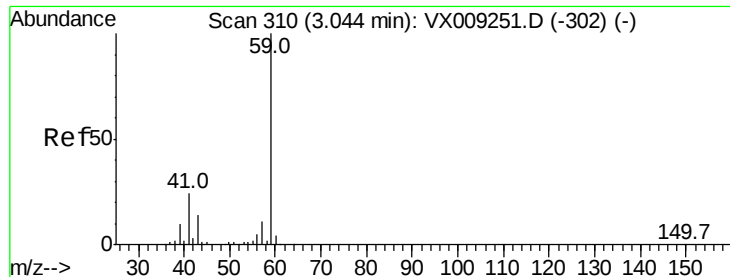


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 97.571 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

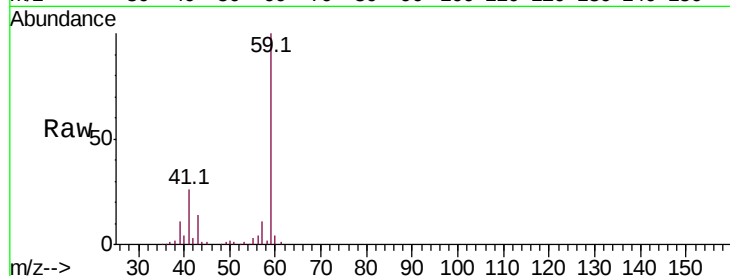
ICVVX050119

Tot Ion: 59 Resp: 61954

Ion Ratio Lower Upper

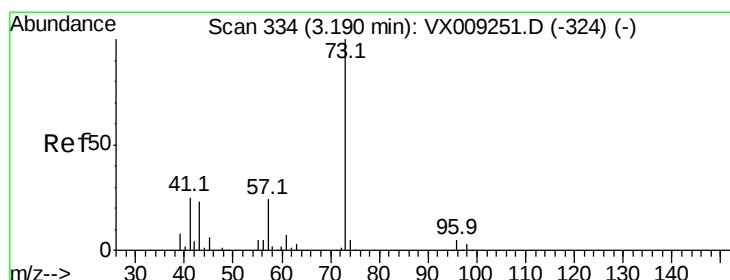
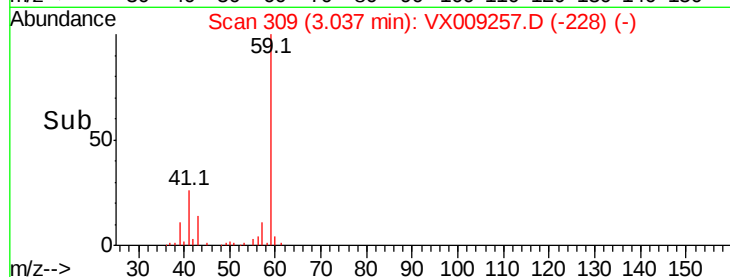
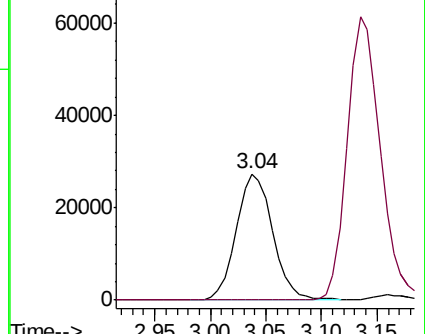
59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 21.062 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.00 min

Lab File: VX009257.D

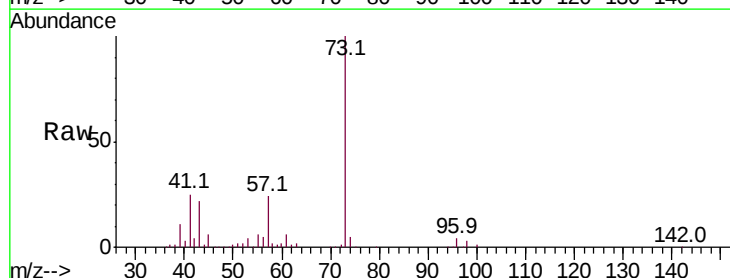
Acq: 01 May 2019 15:44

Tgt Ion: 73 Resp: 151418

Ion Ratio Lower Upper

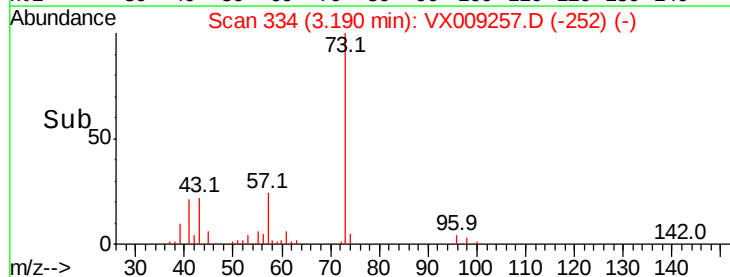
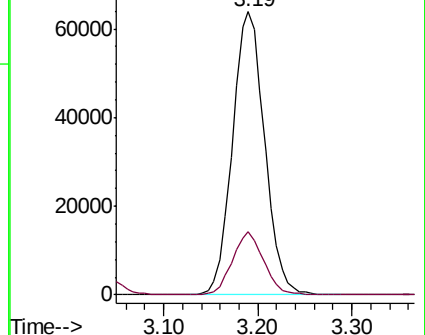
73 100

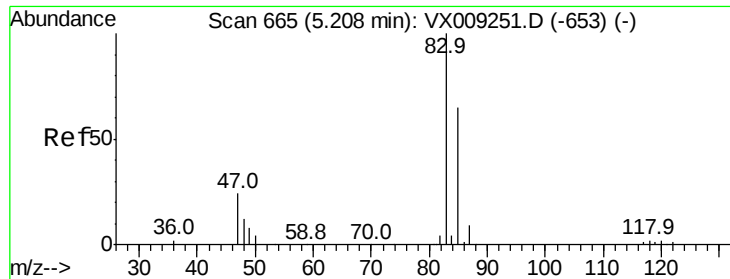
43 21.3 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

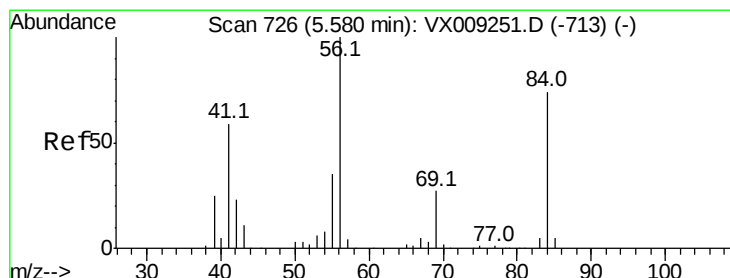
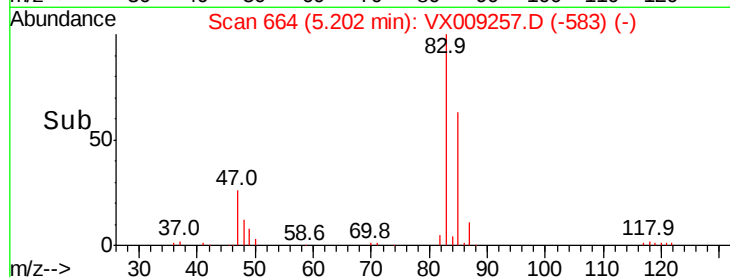
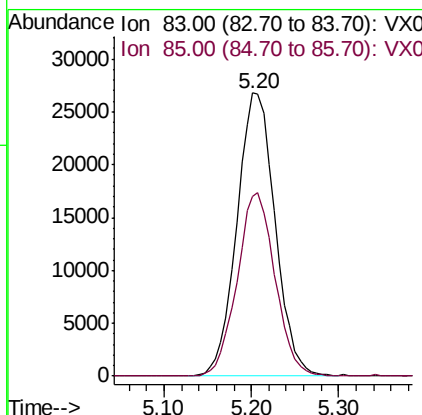
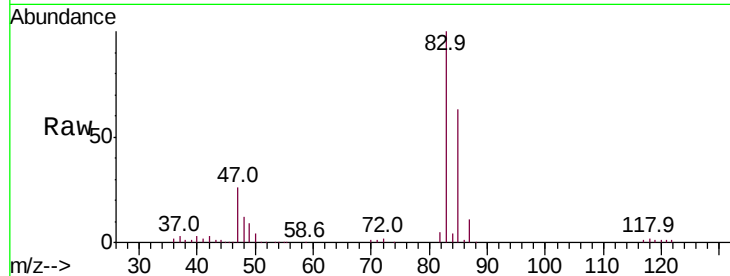




#25
Chloroform
Concen: 21.193 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

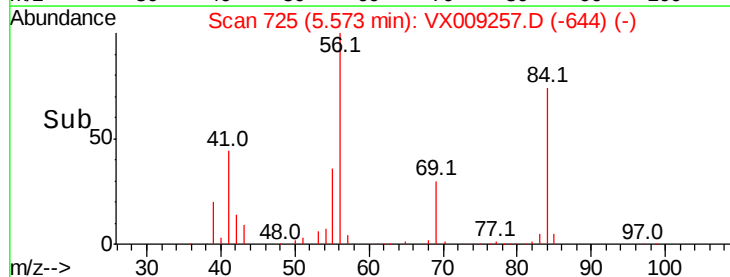
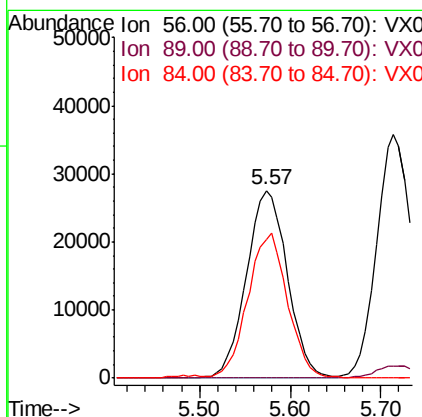
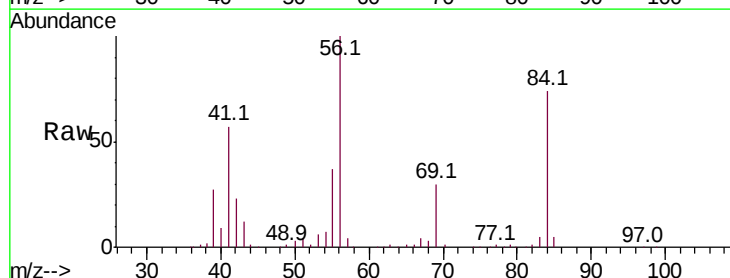
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

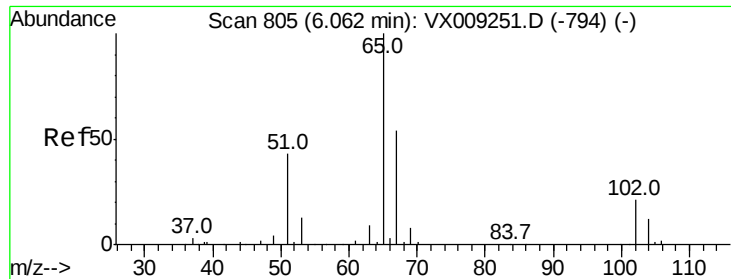
Tot Ion: 83 Resp: 81288
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9



#26
Cyclohexane
Concen: 21.979 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 56 Resp: 86095
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 74.6 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 29.692 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

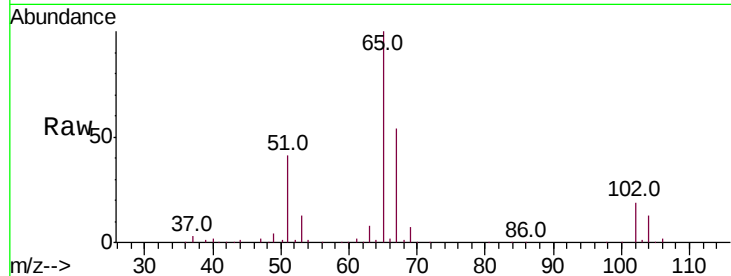
ICVVX050119

Tot Ion: 65 Resp: 82724

Ion Ratio Lower Upper

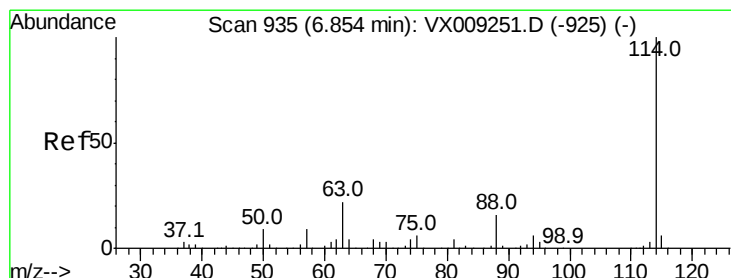
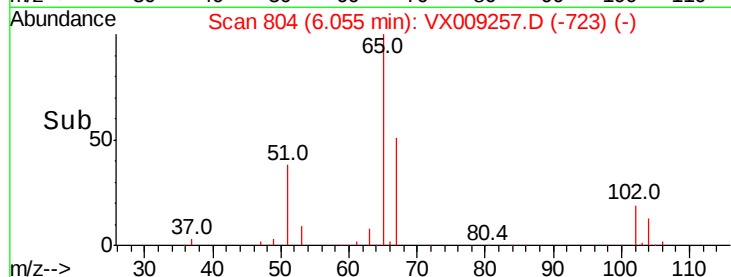
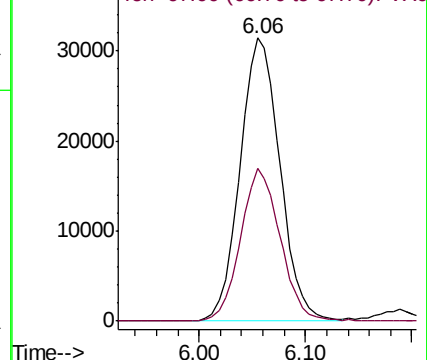
65 100

67 53.4 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

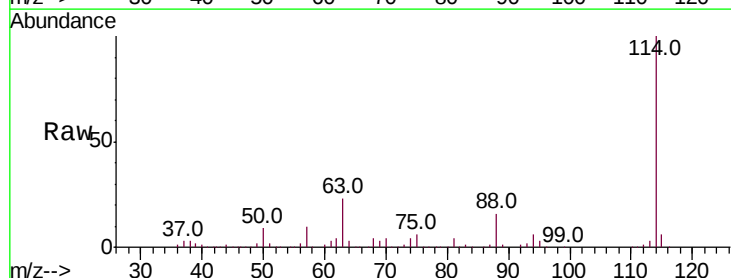
Tgt Ion: 114 Resp: 196921

Ion Ratio Lower Upper

114 100

63 22.8 18.0 27.0

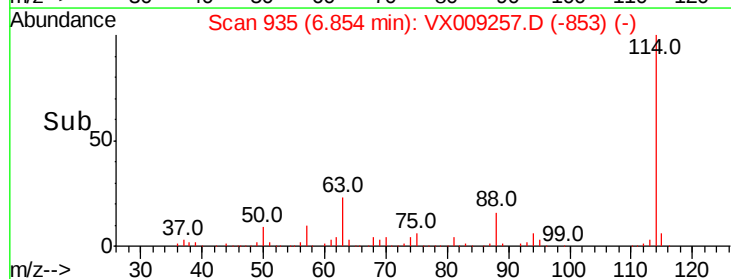
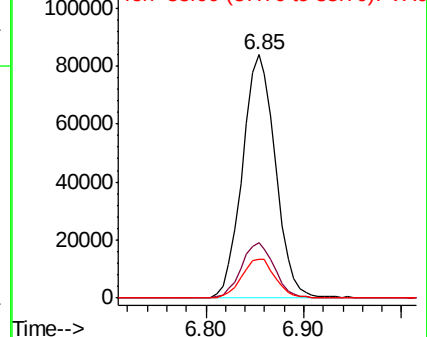
88 16.3 13.4 20.0

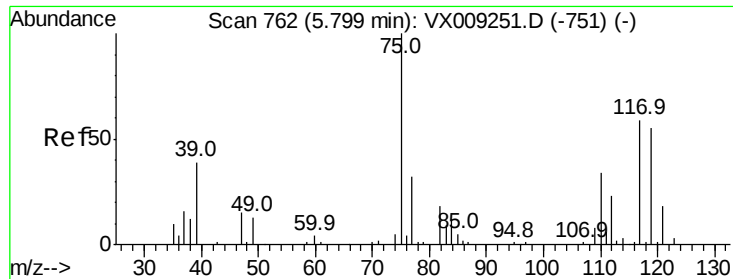


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 21.476 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

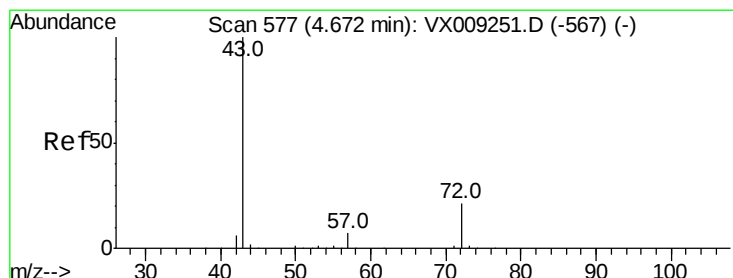
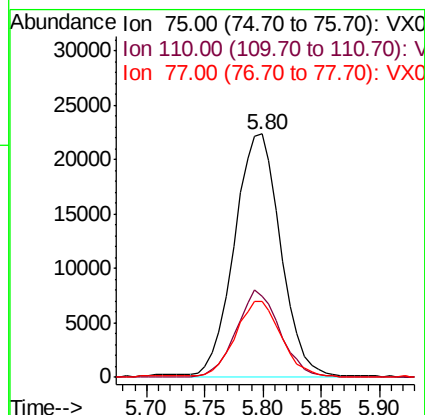
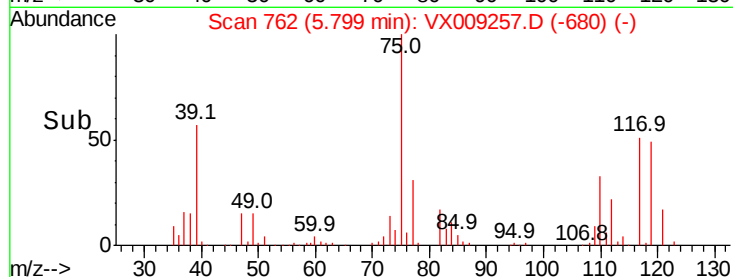
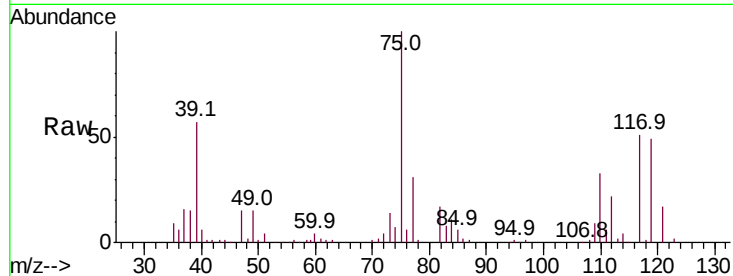
Tot Ion: 75 Resp: 62053

Ion Ratio Lower Upper

75 100

110 34.0 0.0 66.4

77 31.1 0.0 62.2



#30

2-Butanone

Concen: 101.148 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

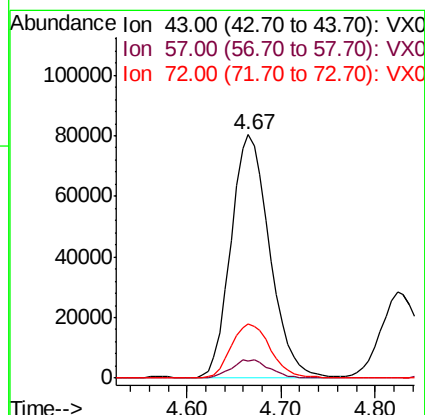
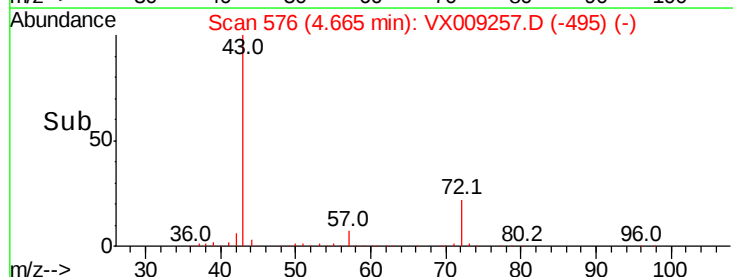
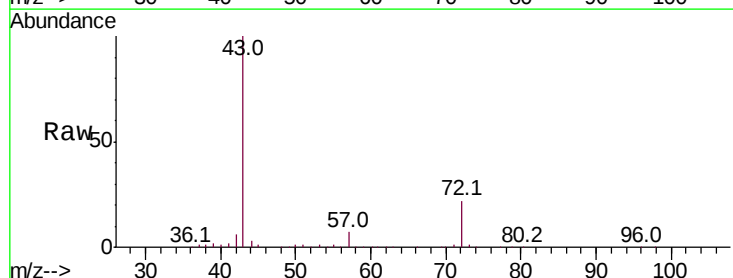
Tgt Ion: 43 Resp: 228887

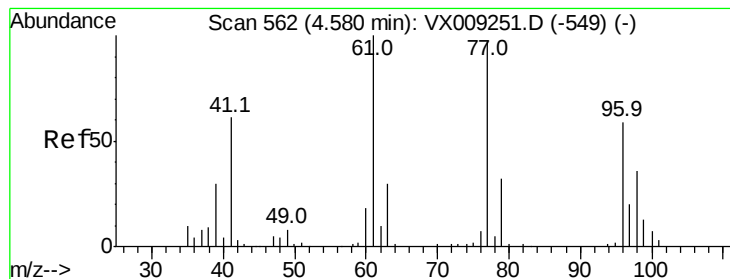
Ion Ratio Lower Upper

43 100

57 7.6 6.0 9.0

72 22.8 18.2 27.4





#31

2,2-Dichloropropane

Concen: 21.277 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

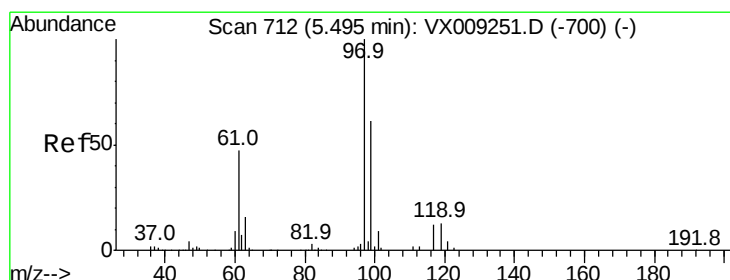
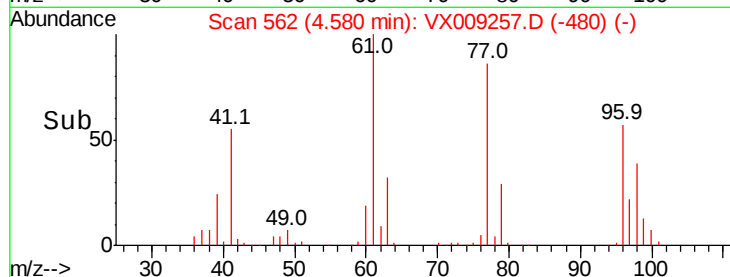
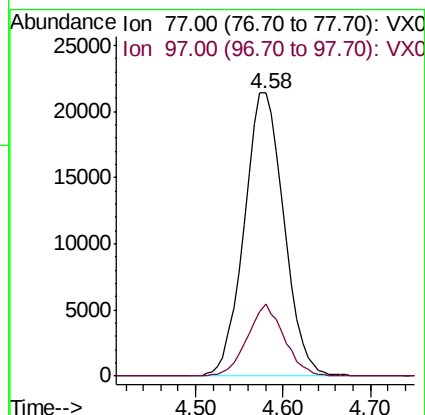
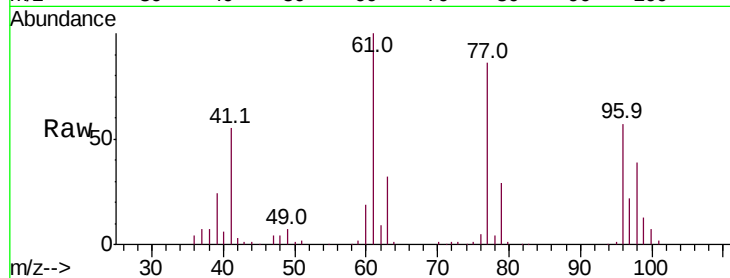
ICVVX050119

Tot Ion: 77 Resp: 67776

Ion Ratio Lower Upper

77 100

97 23.6 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 21.519 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

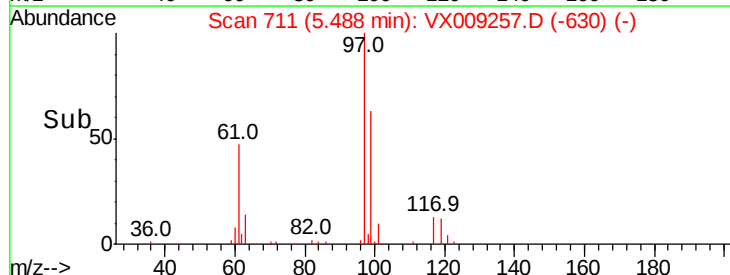
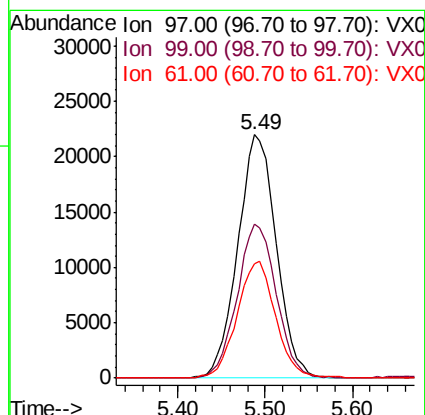
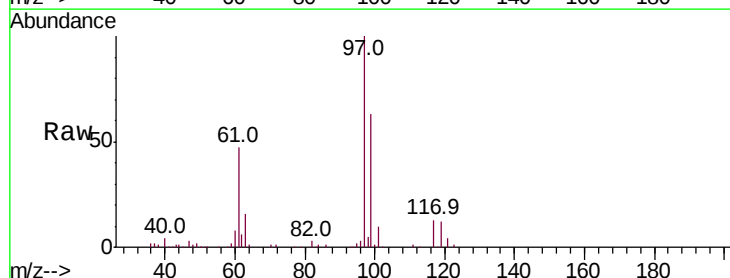
Tgt Ion: 97 Resp: 67407

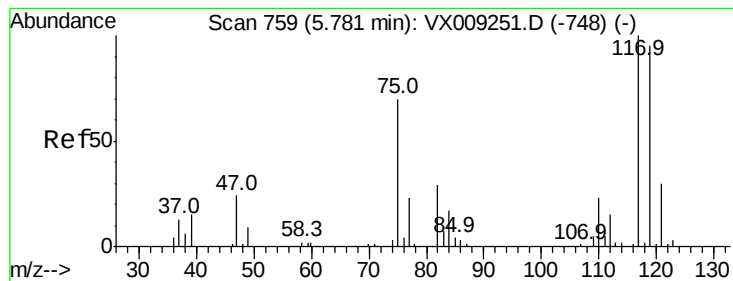
Ion Ratio Lower Upper

97 100

99 64.0 53.9 80.9

61 47.6 38.6 58.0





#33

Carbon Tetrachloride

Concen: 21.361 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

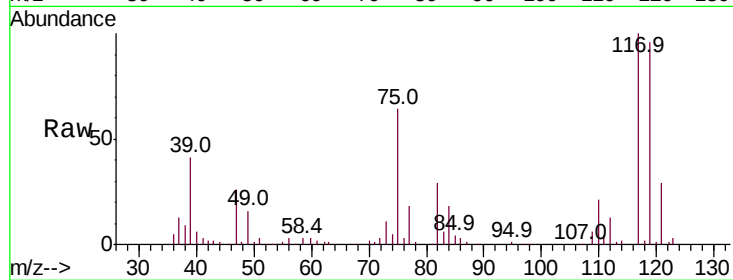
Tot Ion:117 Resp: 55983

Ion Ratio Lower Upper

117 100

119 96.0 76.1 114.1

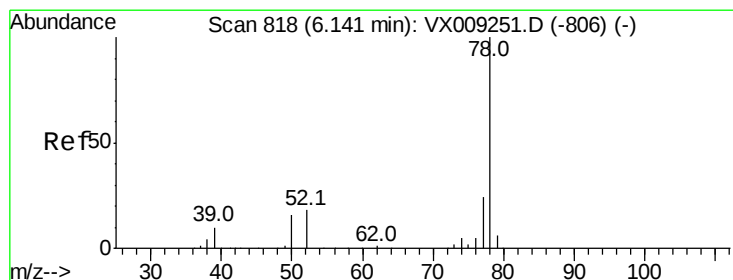
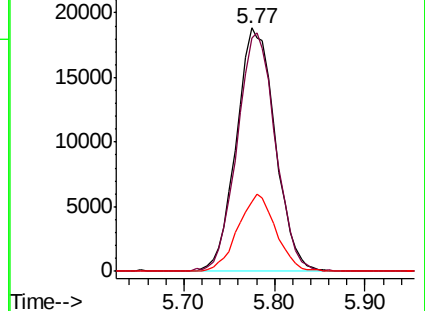
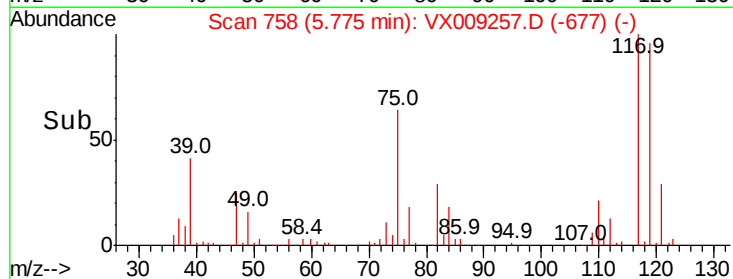
121 28.8 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.334 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

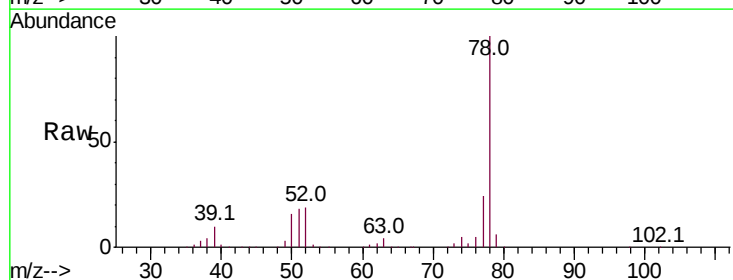
Tgt Ion: 78 Resp: 190048

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

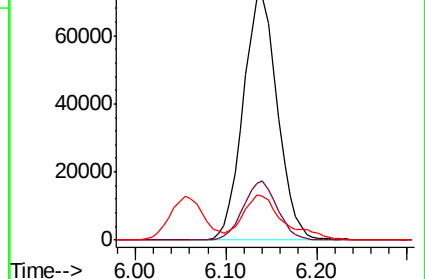
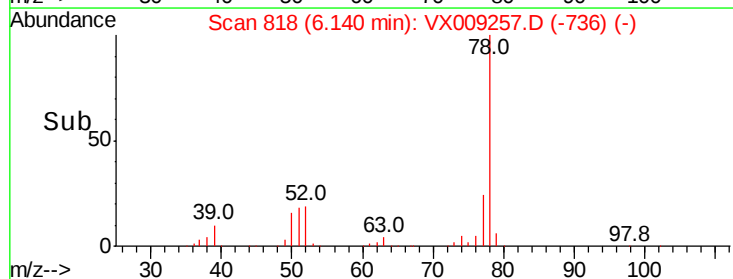
51 17.4 13.5 20.3

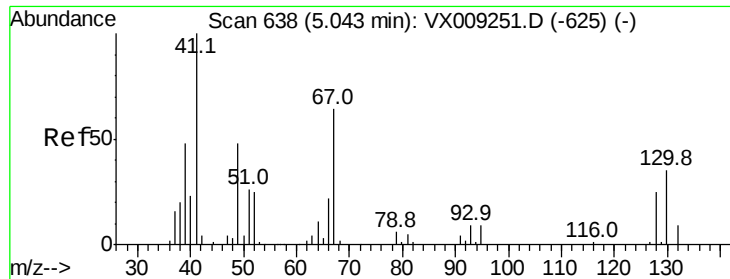


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

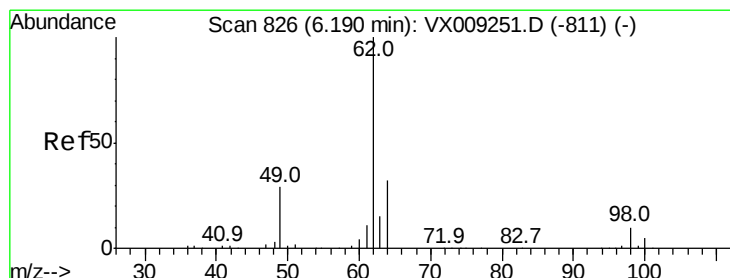
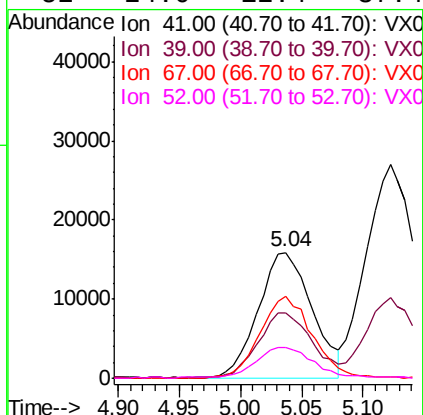
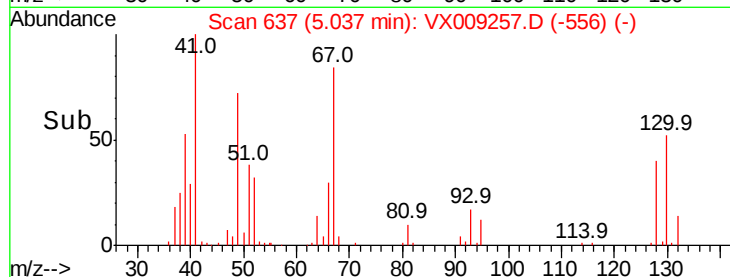
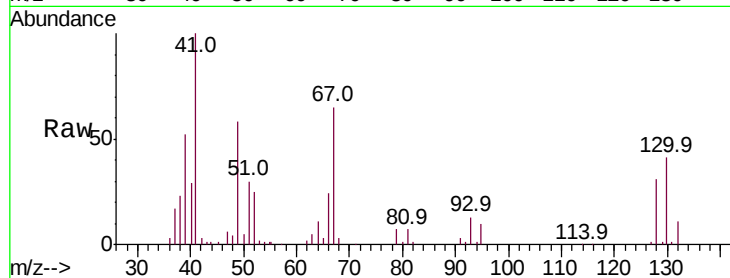




#35
Methacrylonitrile
Concen: 20.431 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

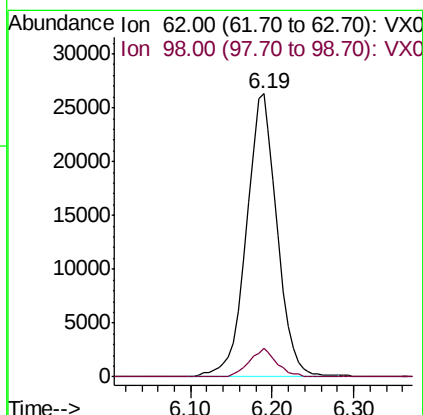
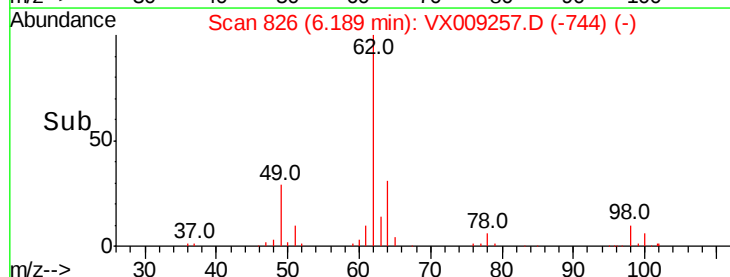
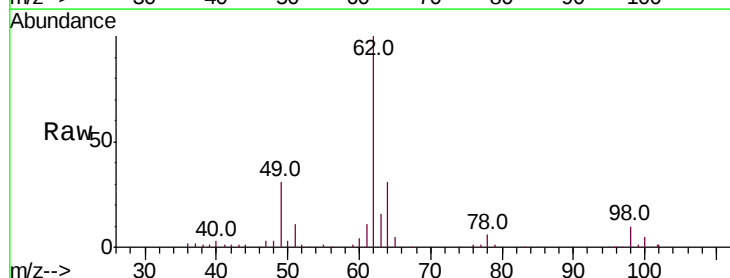
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

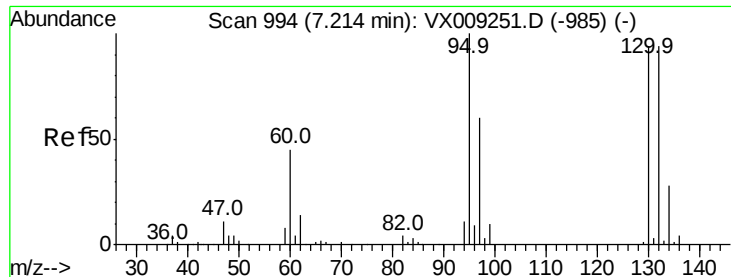
Tot Ion: 41 Resp: 48372
Ion Ratio Lower Upper
41 100
39 51.1 24.1 72.3
67 65.7 32.2 96.6
52 24.0 12.4 37.4



#36
1,2-Dichloroethane
Concen: 21.320 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 62 Resp: 68913
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.2

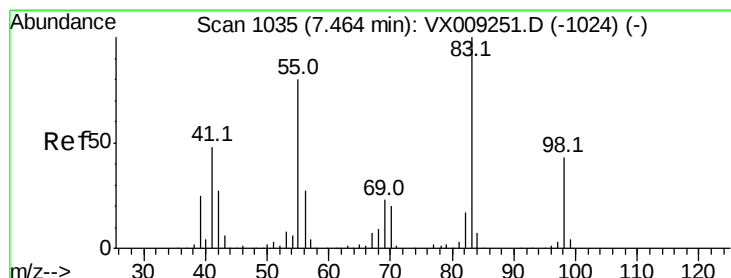
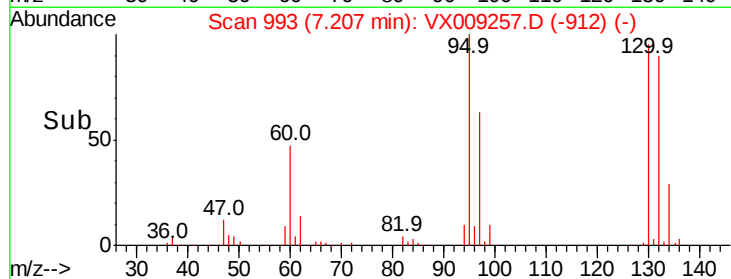
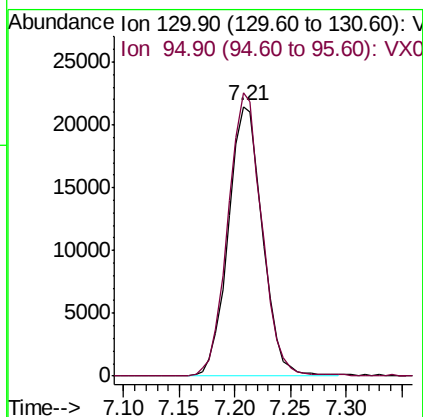
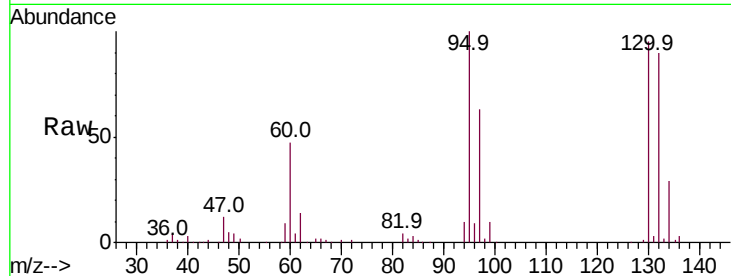




#37
 Trichloroethene
 Concen: 21.295 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

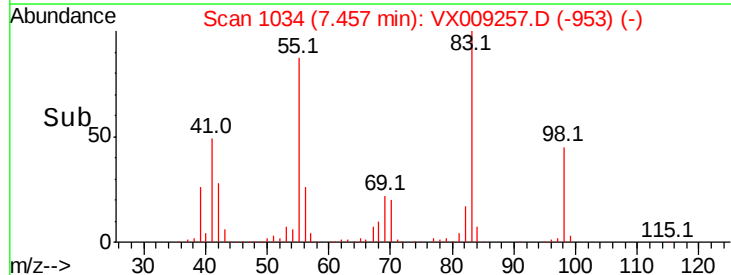
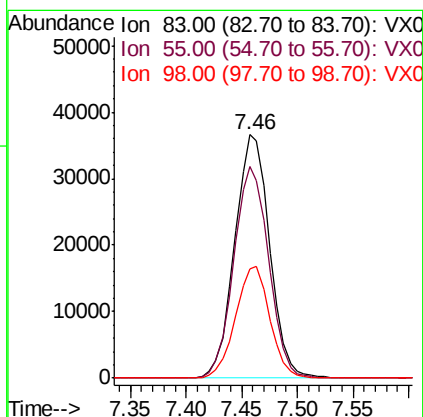
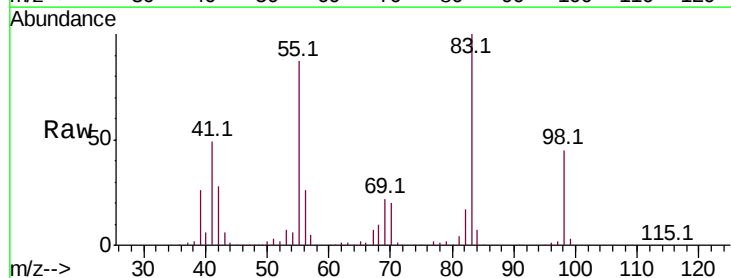
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

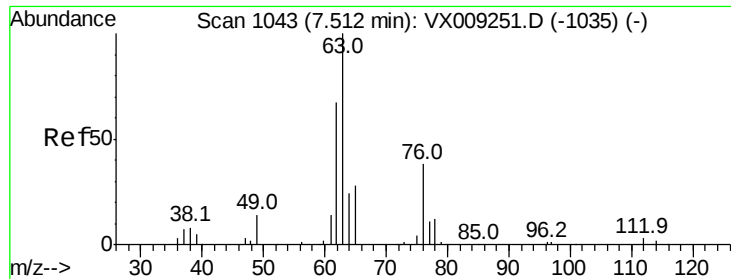
Tot Ion:130 Resp: 45665
 Ion Ratio Lower Upper
 130 100
 95 104.8 85.0 127.4



#38
 Methylcyclohexane
 Concen: 22.357 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Tgt Ion: 83 Resp: 79811
 Ion Ratio Lower Upper
 83 100
 55 86.7 43.0 129.2
 98 45.0 22.1 66.1

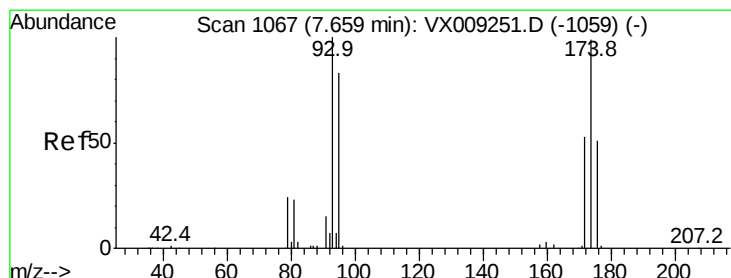
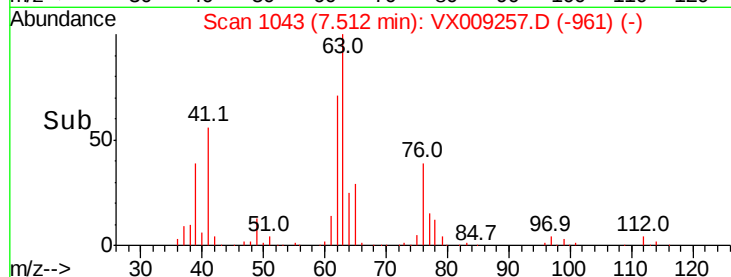
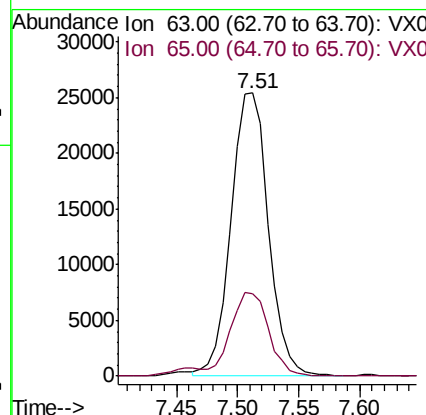
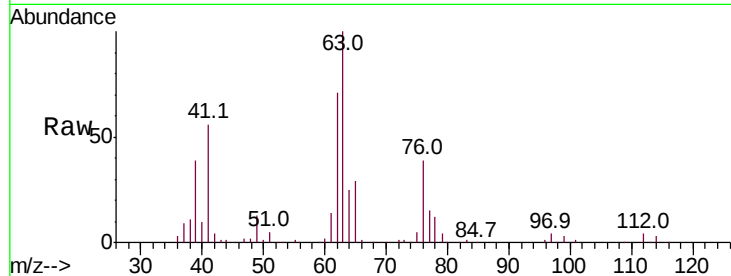




#39
 1,2-Dichloropropane
 Concen: 21.190 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

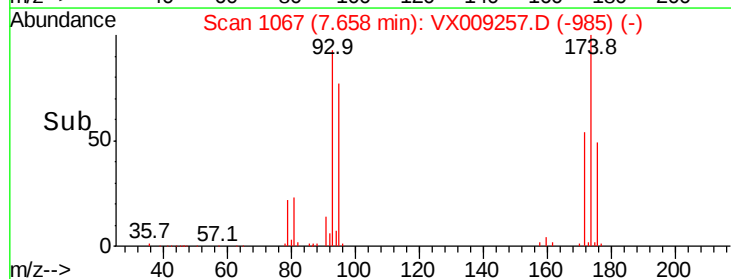
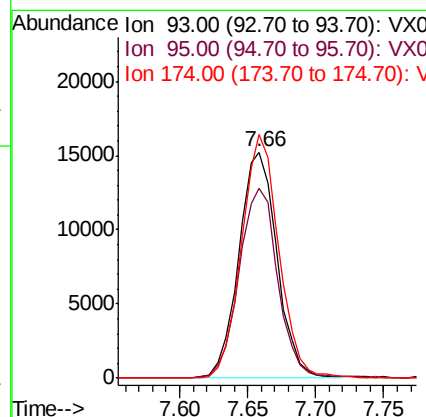
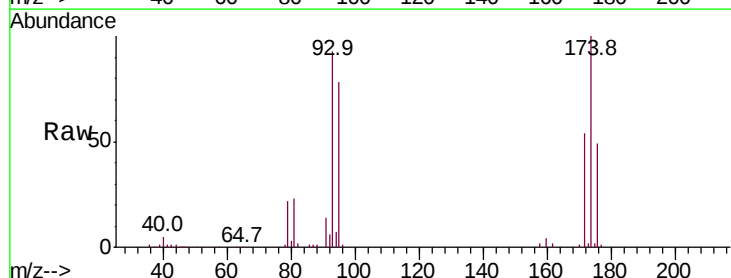
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

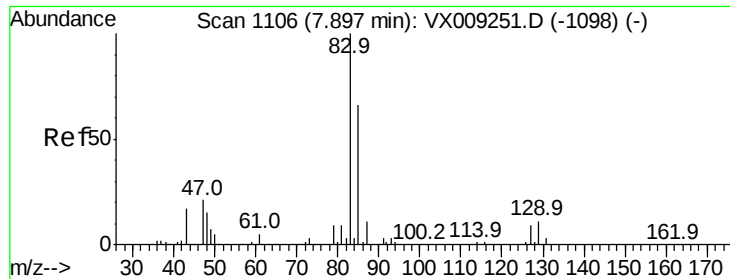
Tot Ion: 63 Resp: 53755
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.0 36.0



#40
 Dibromomethane
 Concen: 20.767 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Tgt Ion: 93 Resp: 29901
 Ion Ratio Lower Upper
 93 100
 95 84.7 0.0 167.2
 174 104.8 0.0 203.4





#41

Bromodichloromethane

Concen: 20.957 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

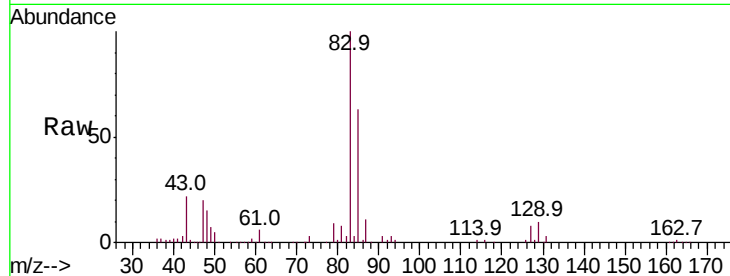
Tot Ion: 83 Resp: 61635

Ion Ratio Lower Upper

83 100

85 62.8 52.6 79.0

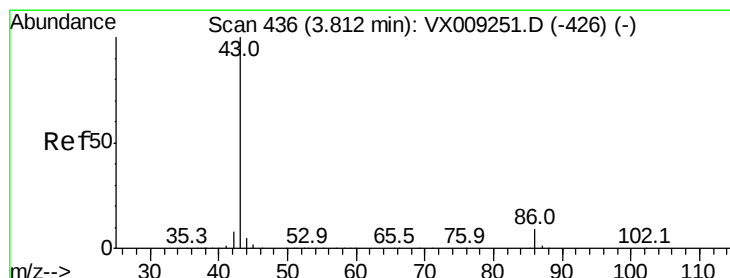
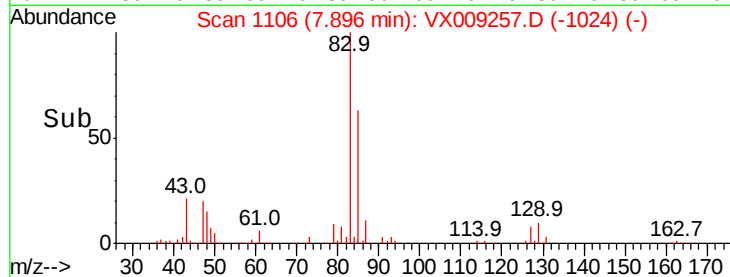
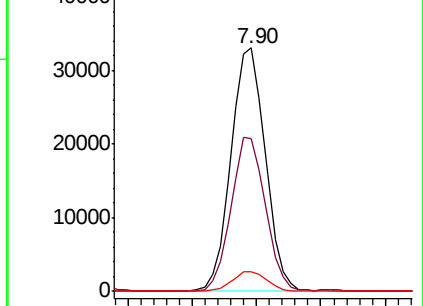
127 8.1 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 106.240 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.01 min

Lab File: VX009257.D

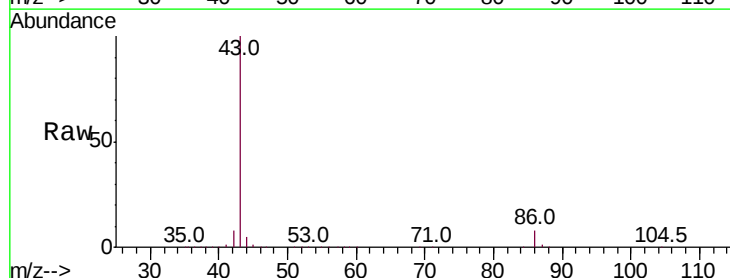
Acq: 01 May 2019 15:44

Tgt Ion: 43 Resp: 793464

Ion Ratio Lower Upper

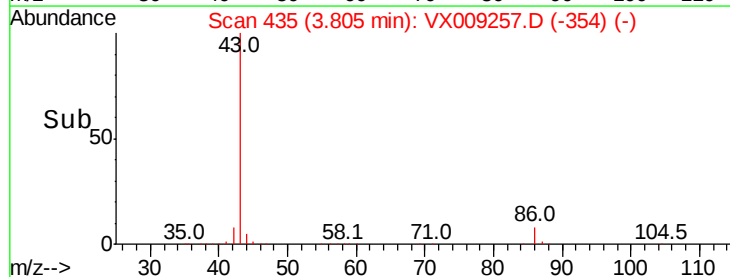
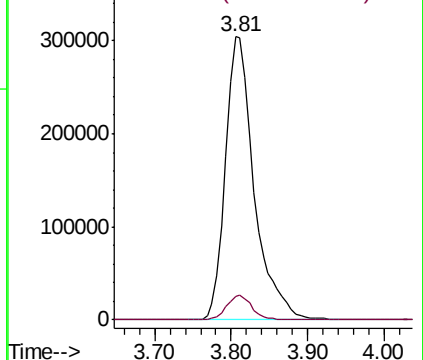
43 100

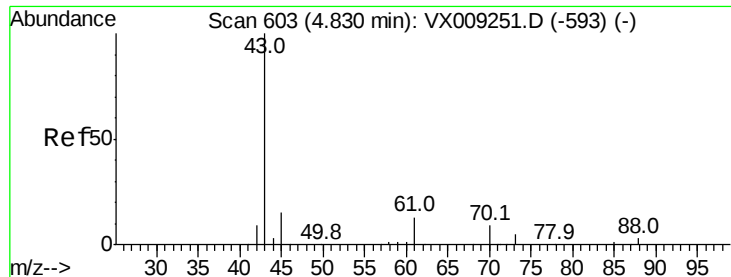
86 7.6 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

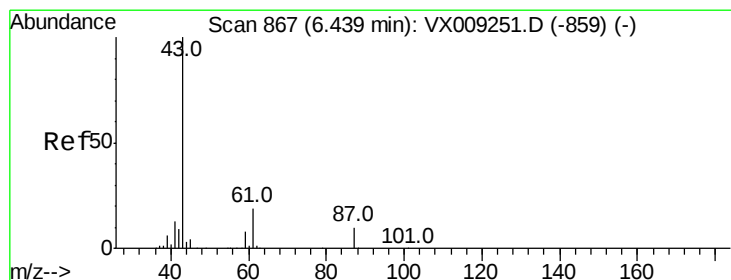
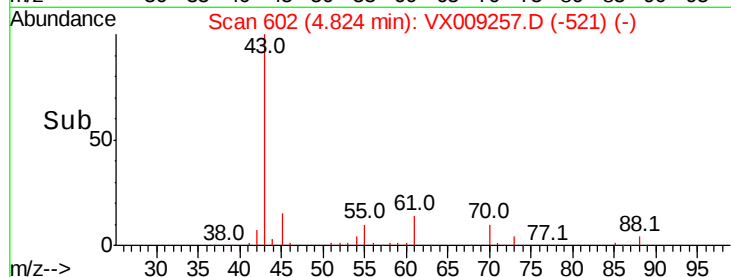
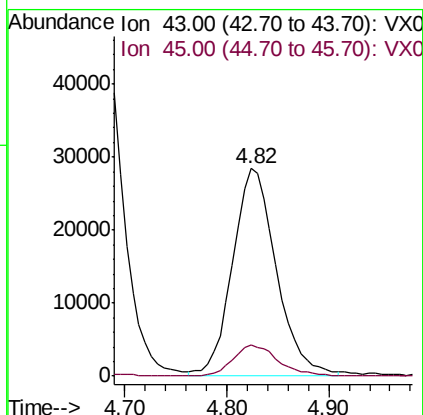
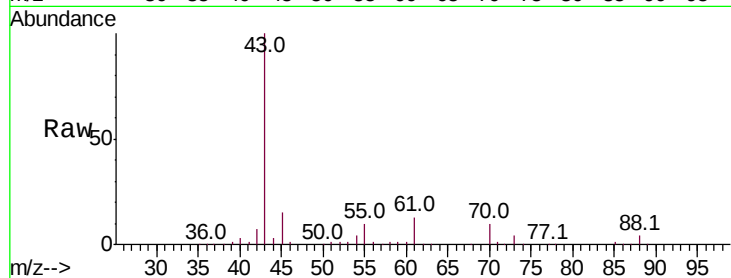




#43
Ethyl Acetate
Concen: 20.551 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

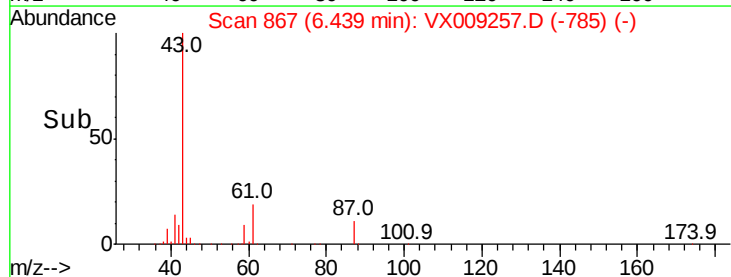
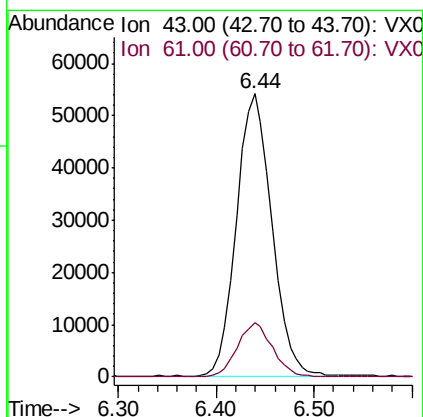
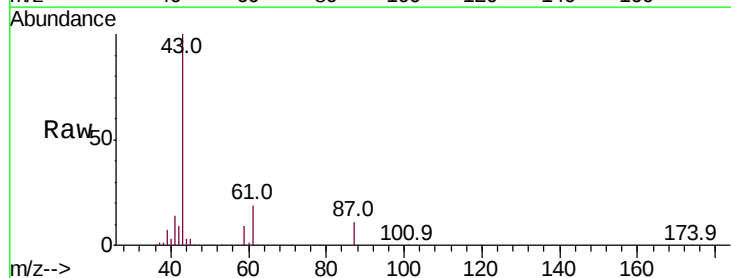
Instrument :
MSVOA_X
ClientSampleId :
ICVX050119

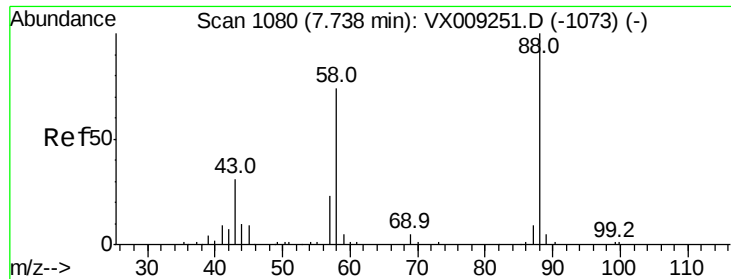
Tot Ion: 43 Resp: 84034
Ion Ratio Lower Upper
43 100
45 15.7 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.554 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 43 Resp: 136153
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.2



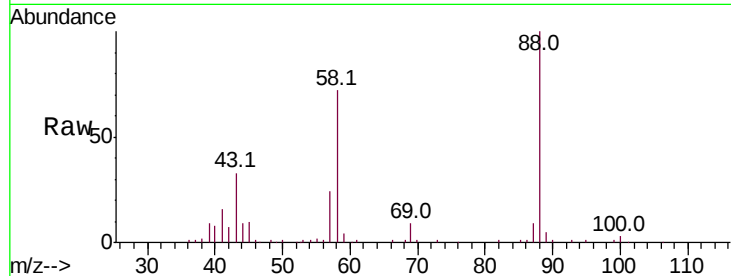


#45
 1,4-Dioxane
 Concen: 400.012 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

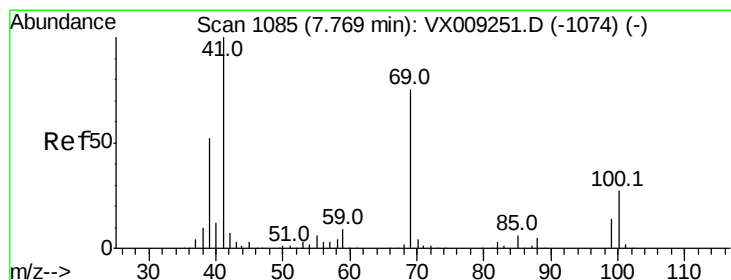
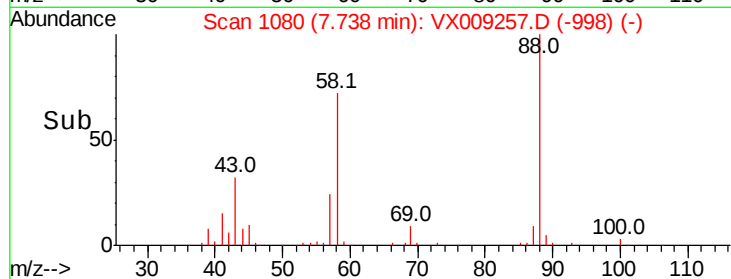
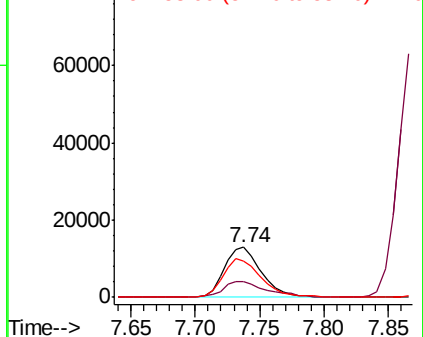
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

Tot Ion: 88 Resp: 26015

Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.5	42.7
58	79.3	62.5	93.7



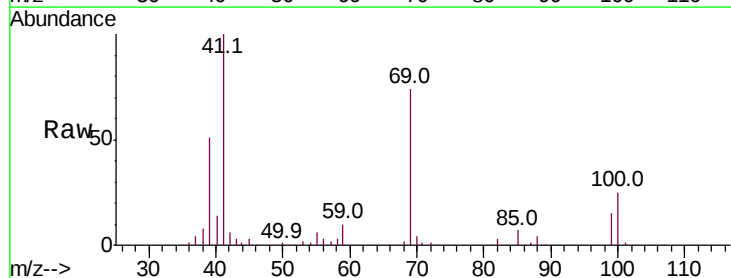
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



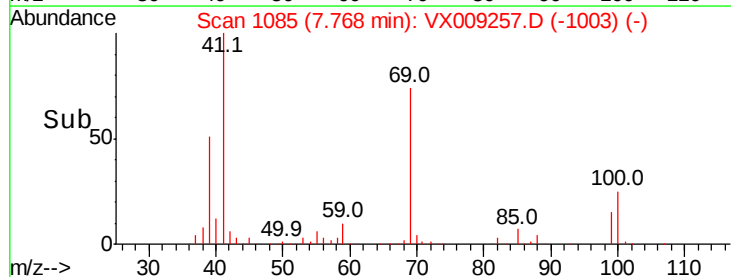
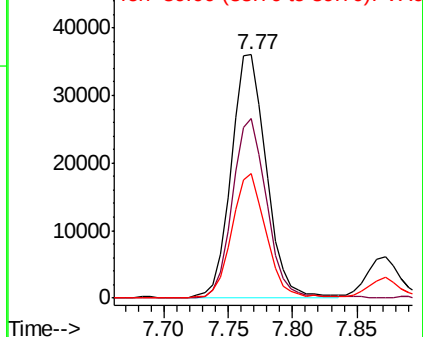
#46
 Methyl methacrylate
 Concen: 20.522 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

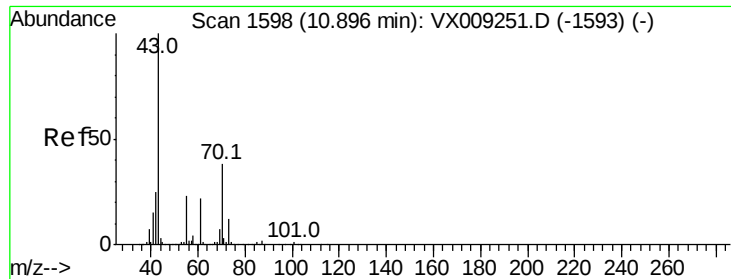
Tgt Ion: 41 Resp: 67851

Ion	Ratio	Lower	Upper
41	100		
69	74.0	37.6	112.8
39	51.0	25.8	77.3



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





#47

n-amvl Acetate

Concen: 20.375 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

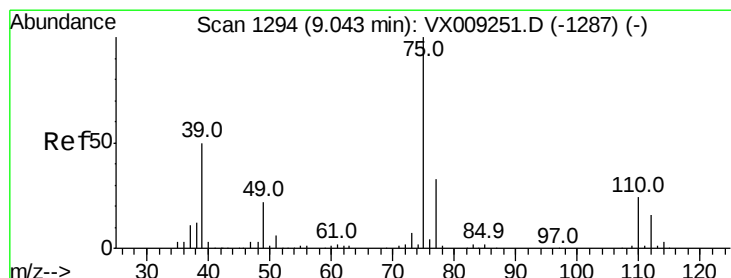
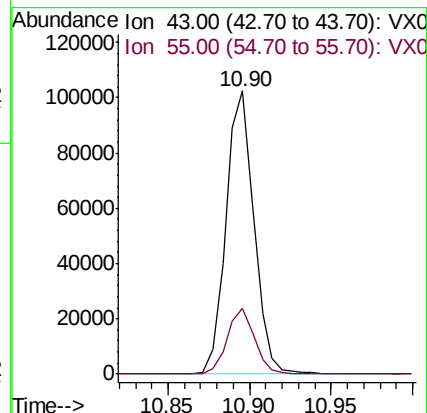
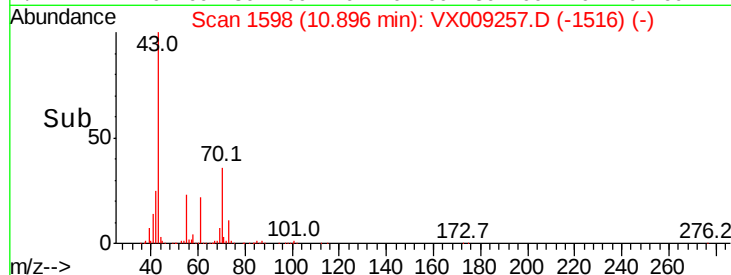
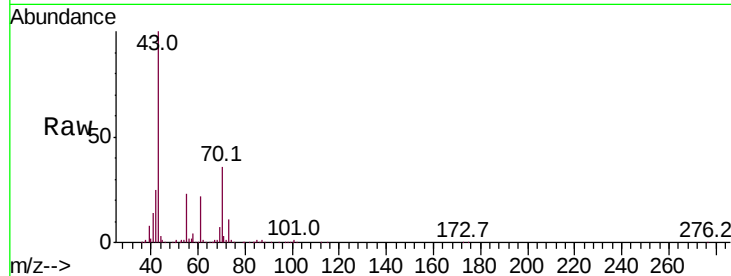
ICVVX050119

Tot Ion: 43 Resp: 121583

Ion Ratio Lower Upper

43 100

55 22.9 18.2 27.4



#48

t-1,3-Dichloropropene

Concen: 21.015 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009257.D

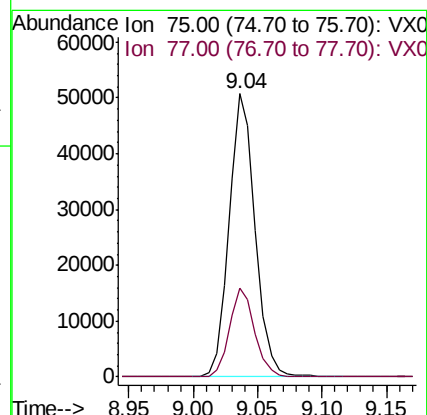
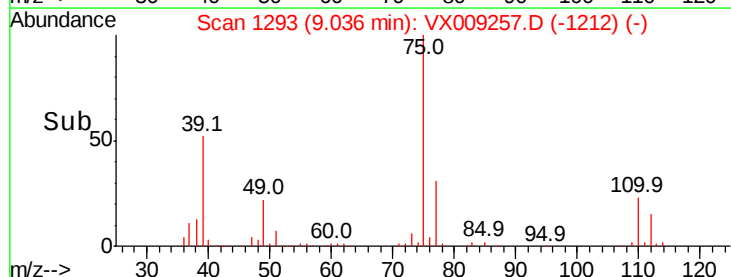
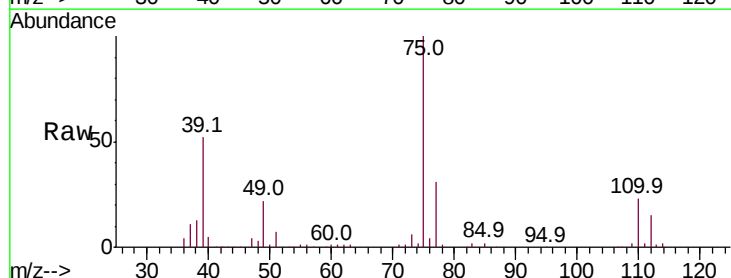
Acq: 01 May 2019 15:44

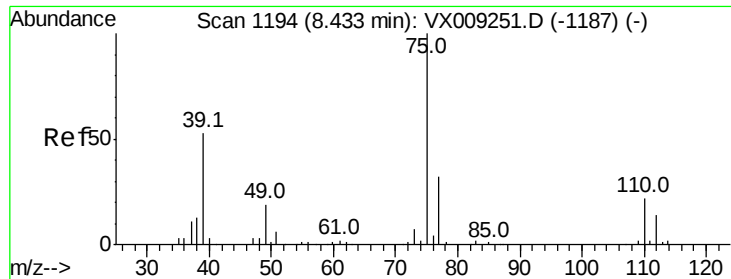
Tgt Ion: 75 Resp: 72112

Ion Ratio Lower Upper

75 100

77 31.2 26.5 39.7



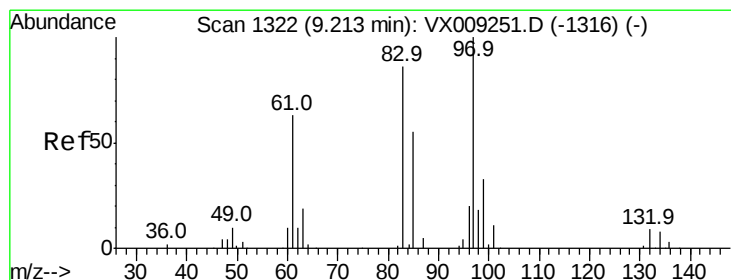
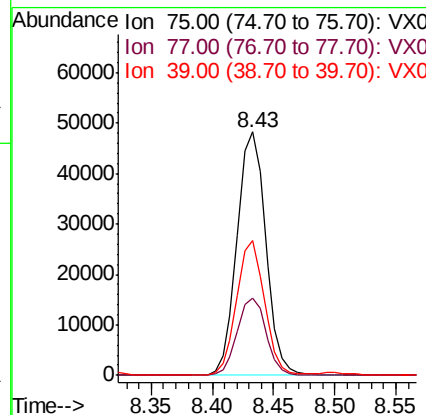
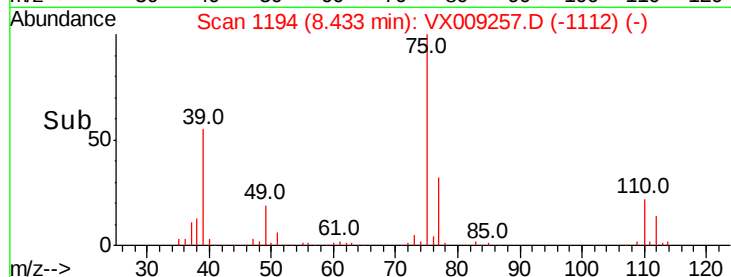
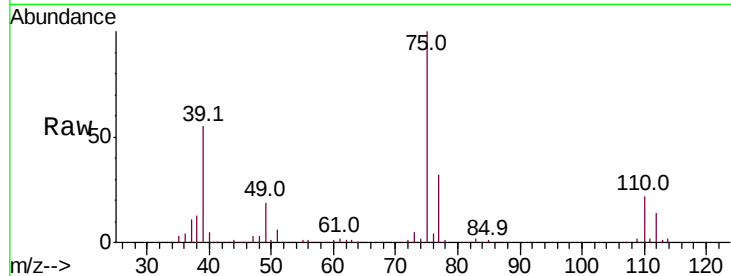


#49

cis-1,3-Dichloropropene
 Concen: 20.867 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

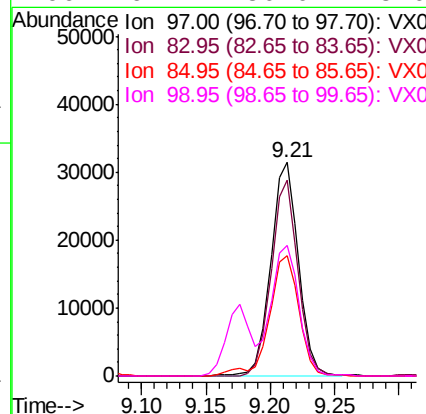
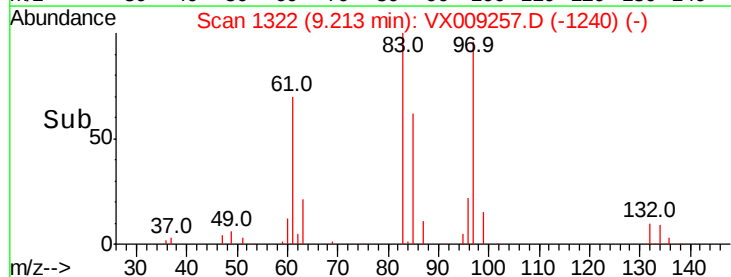
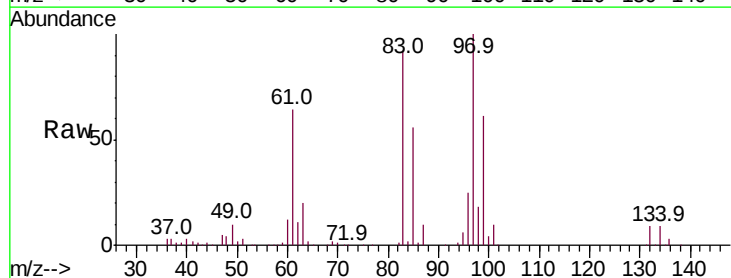
Tot Ion: 75 Resp: 78610
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0
 39 54.8 42.6 63.8

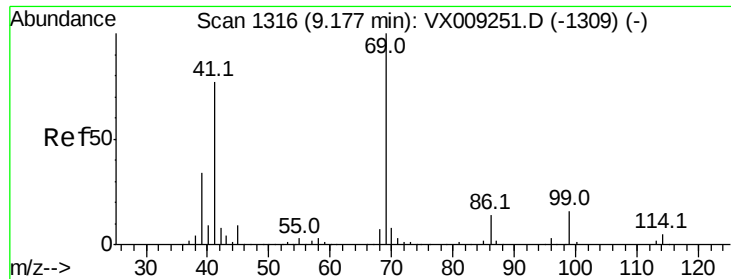


#50

1,1,2-Trichloroethane
 Concen: 21.270 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Tgt Ion: 97 Resp: 46919
 Ion Ratio Lower Upper
 97 100
 83 91.7 68.8 103.2
 85 56.2 45.8 68.6
 99 61.2 50.0 75.0





#51

Ethyl methacrylate

Concen: 20.814 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

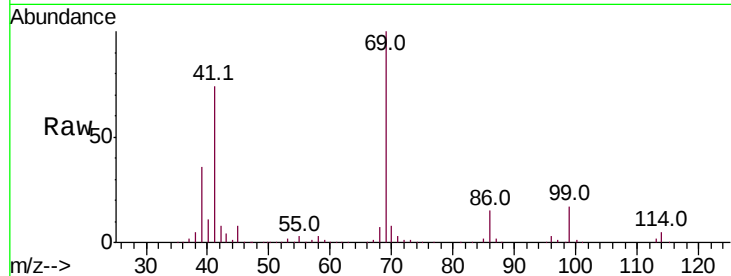
Tot Ion: 69 Resp: 84845

Ion Ratio Lower Upper

69 100

41 74.2 38.4 115.2

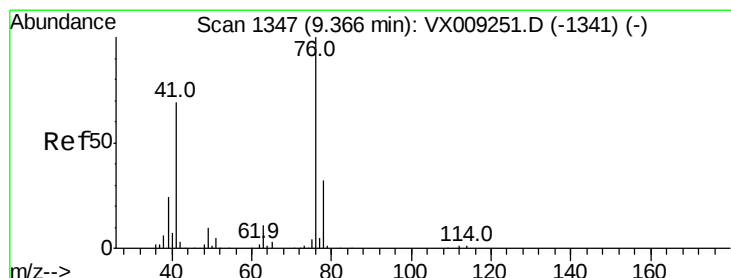
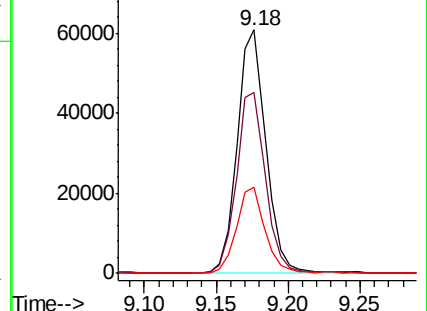
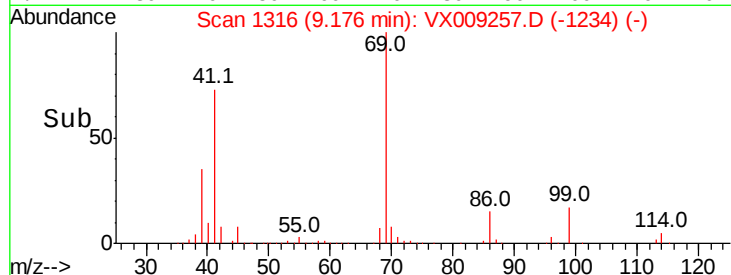
39 35.5 17.2 51.5



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



#52

1,3-Dichloropropane

Concen: 21.058 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX009257.D

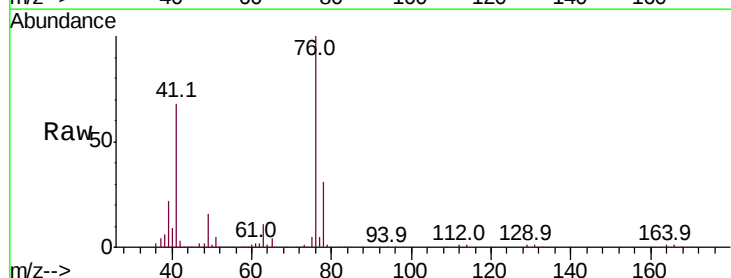
Acq: 01 May 2019 15:44

Tgt Ion: 76 Resp: 82442

Ion Ratio Lower Upper

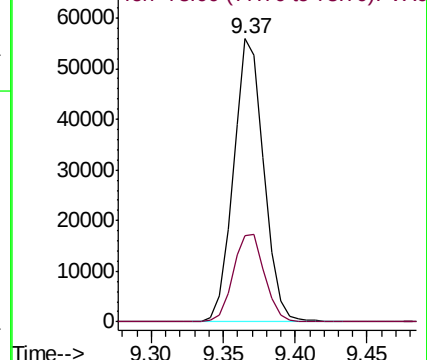
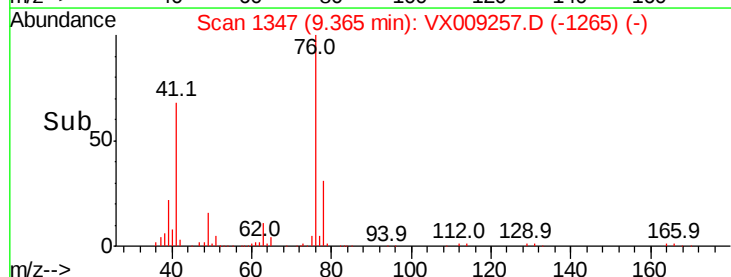
76 100

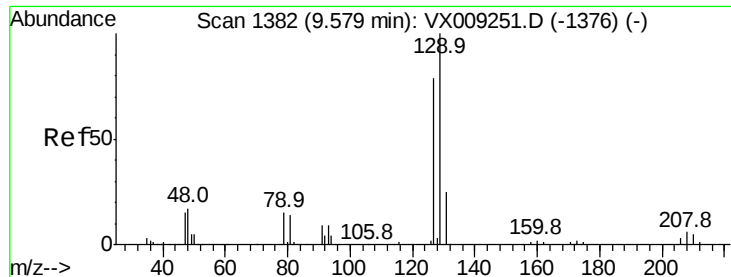
78 32.3 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

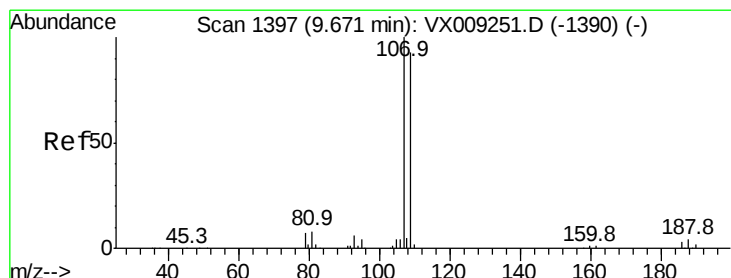
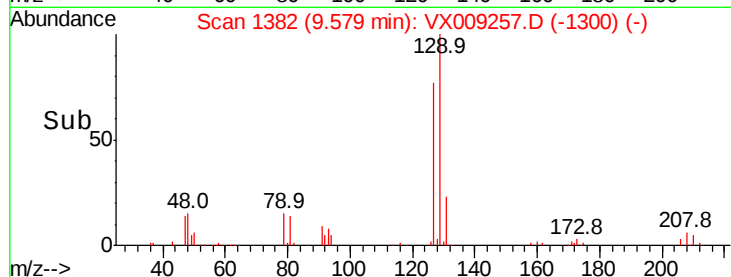
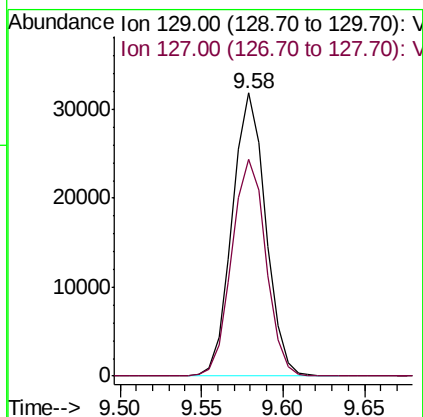
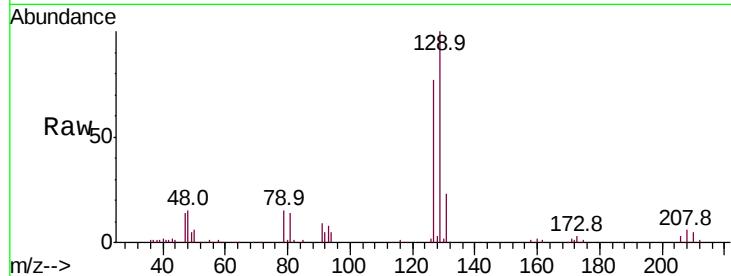




#53
Dibromochloromethane
Concen: 20.815 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

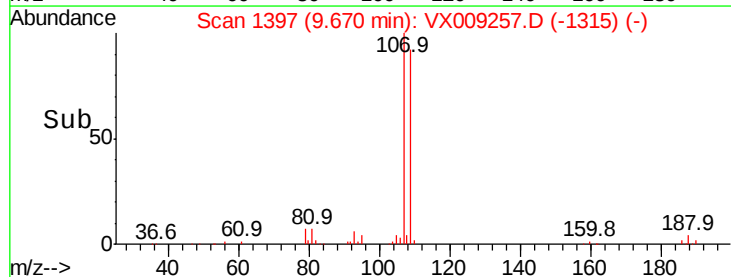
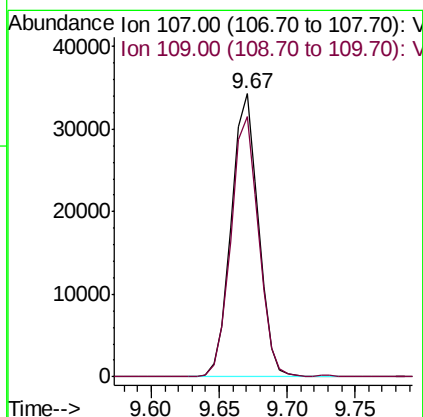
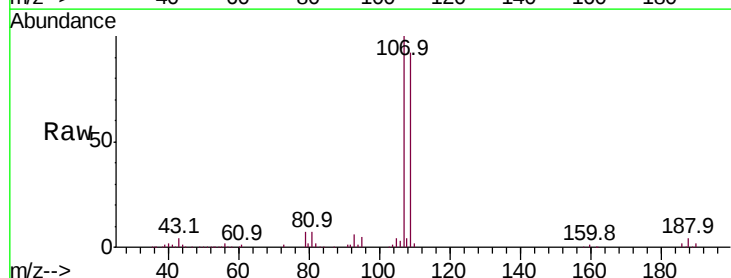
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

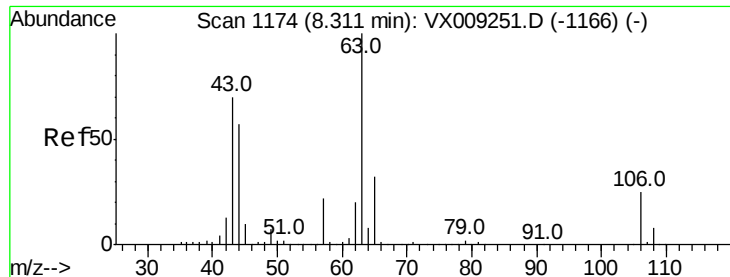
Tot Ion:129 Resp: 45729
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5



#54
1,2-Dibromoethane
Concen: 21.095 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion:107 Resp: 47724
Ion Ratio Lower Upper
107 100
109 93.7 75.5 113.3

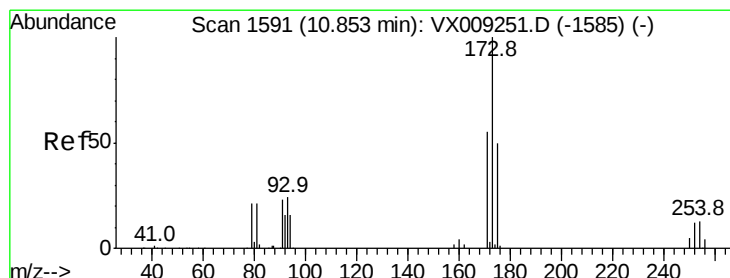
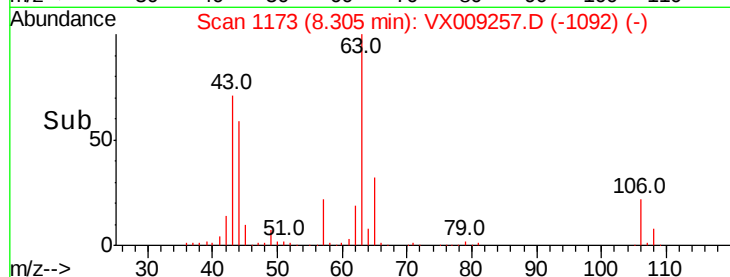
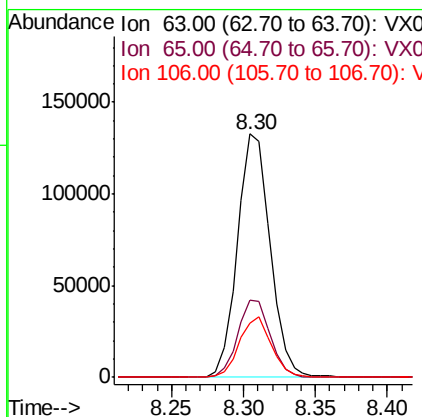
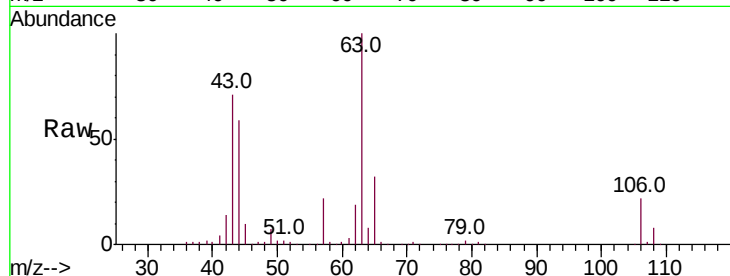




#55
2-Chloroethyl vinyl ether
Concen: 96.712 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

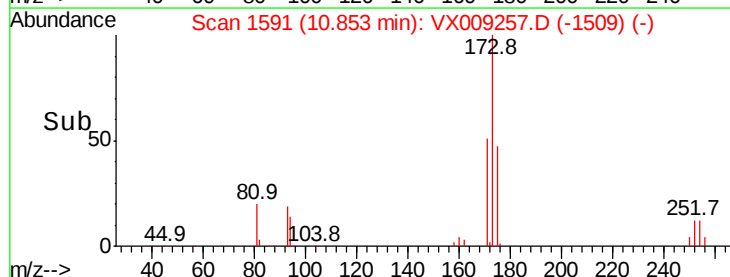
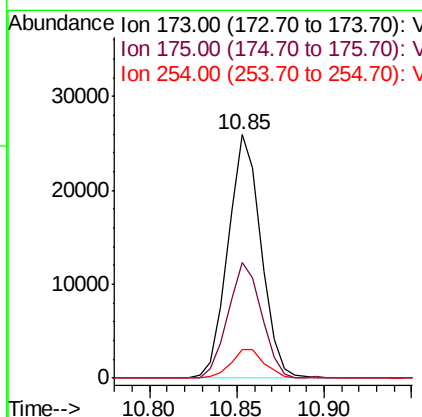
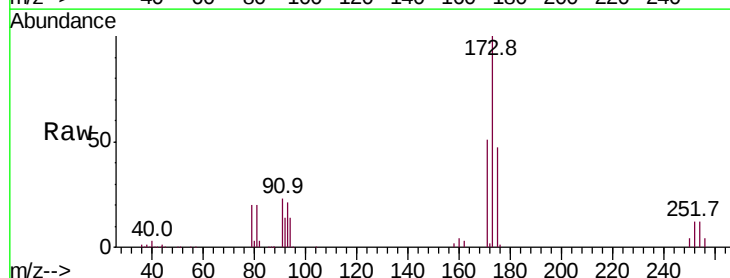
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

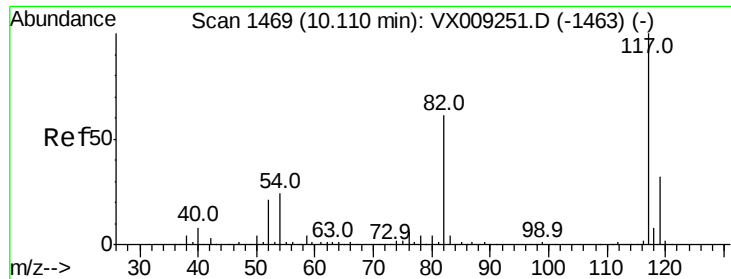
Tot Ion: 63 Resp: 210077
Ion Ratio Lower Upper
63 100
65 31.9 25.8 38.6
106 24.1 19.8 29.6



#56
Bromoform
Concen: 20.152 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 173 Resp: 33984
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.2
254 12.2 9.9 14.9

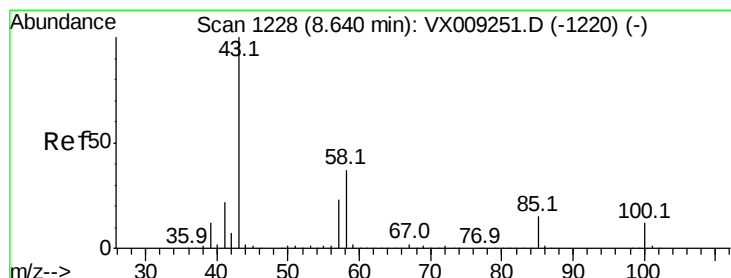
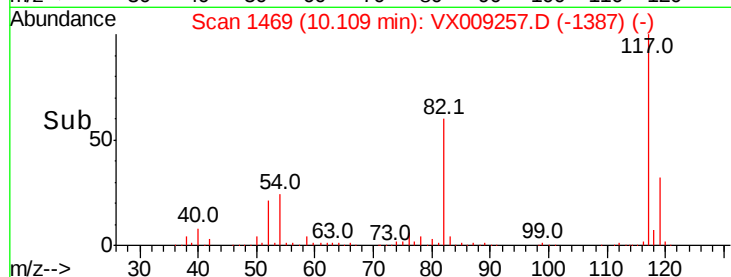
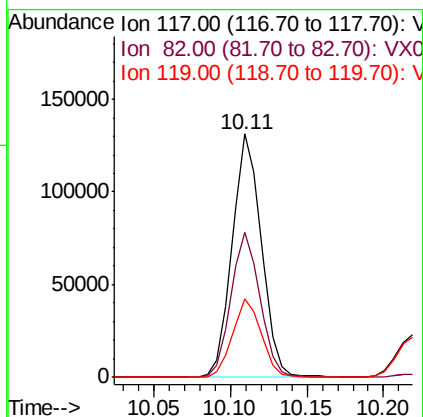
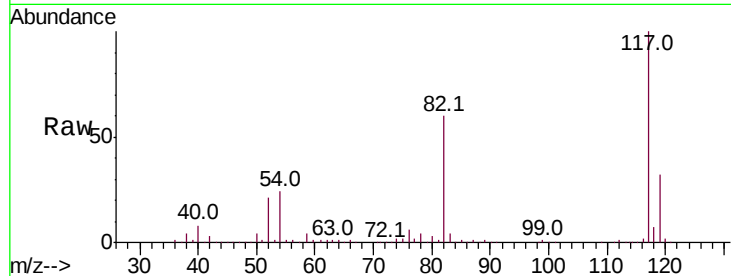




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

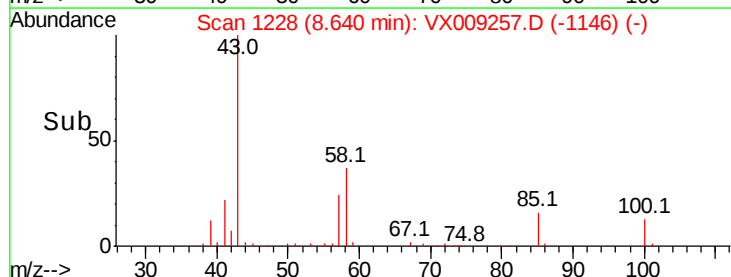
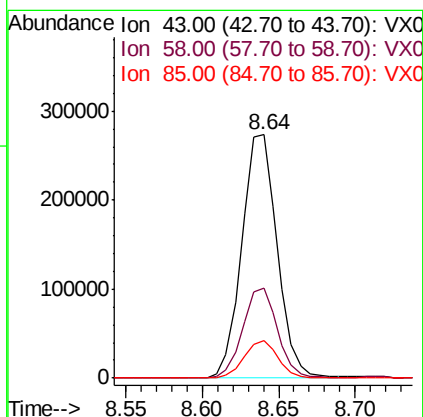
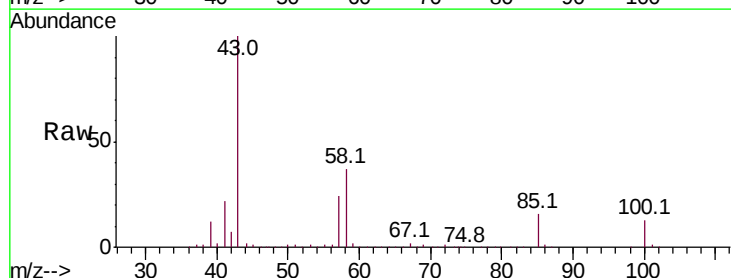
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

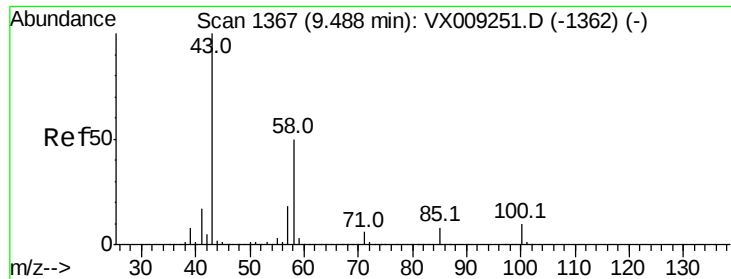
Tot Ion:117 Resp: 174025
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 102.653 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 43 Resp: 439258
Ion Ratio Lower Upper
43 100
58 36.4 29.4 44.0
85 14.9 11.8 17.8

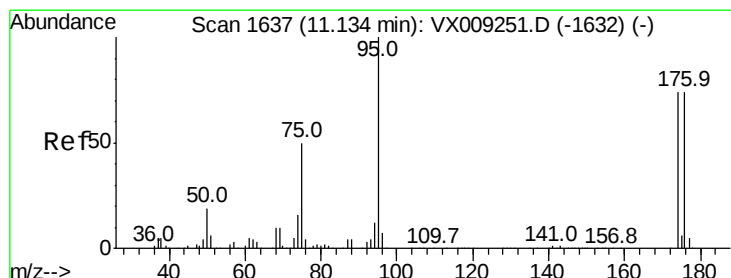
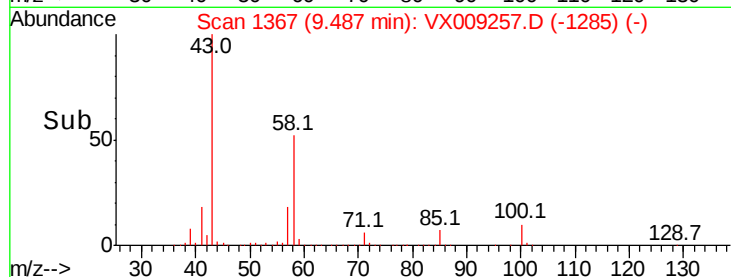
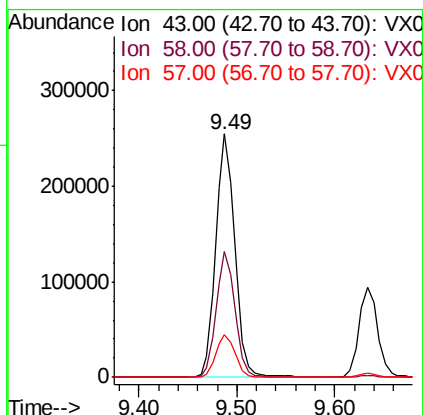
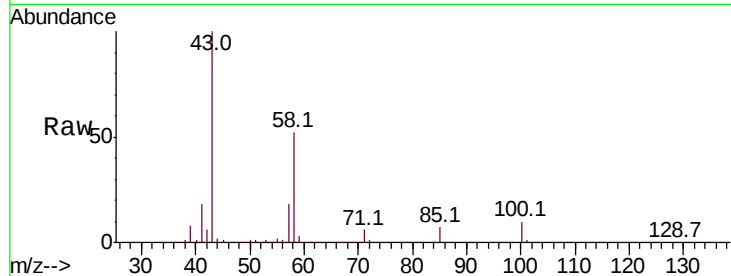




#59
2-Hexanone
Concen: 102.792 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

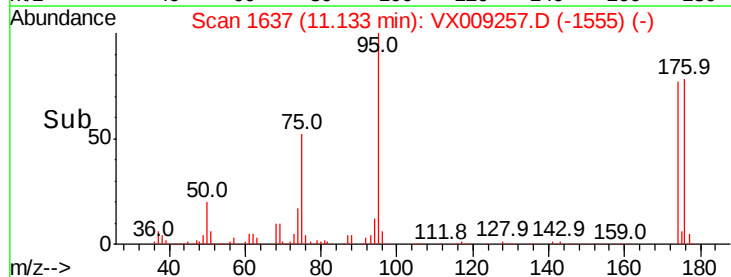
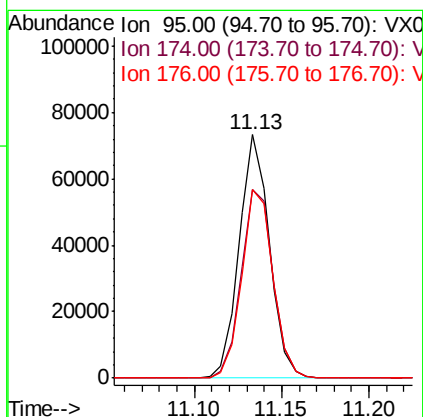
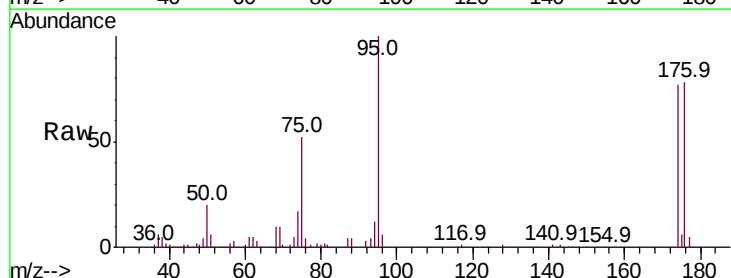
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

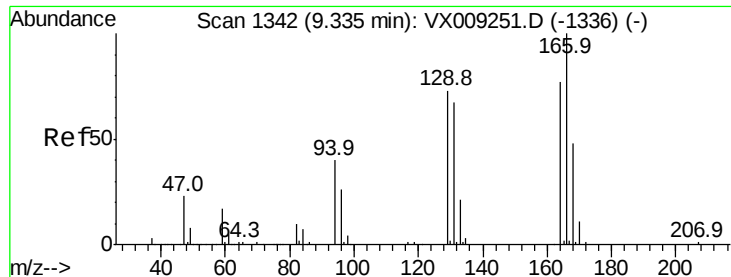
Tot Ion: 43 Resp: 344999
Ion Ratio Lower Upper
43 100
58 50.6 40.8 61.2
57 17.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.719 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 95 Resp: 87883
Ion Ratio Lower Upper
95 100
174 81.7 63.6 95.4
176 80.3 62.4 93.6





#61

Tetrachloroethene

Concen: 22.124 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

Tot Ion:164 Resp: 42443

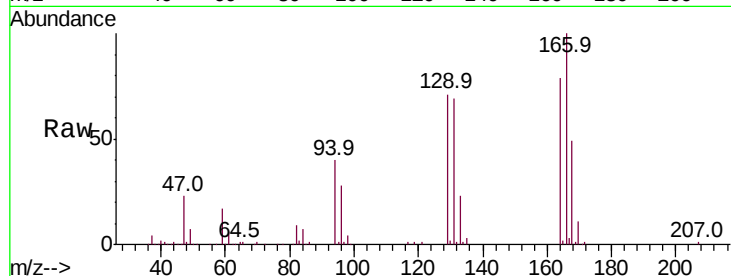
Ion Ratio Lower Upper

164 100

166 127.2 104.1 156.1

129 90.8 76.0 114.0

131 87.5 70.1 105.1

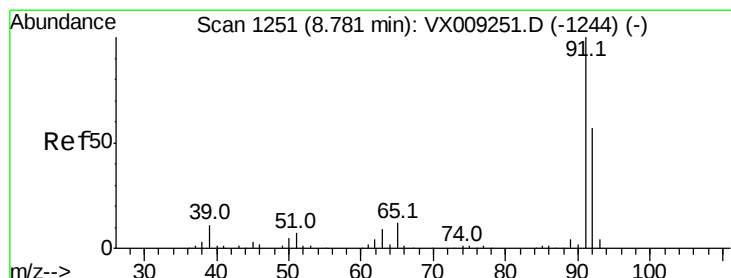
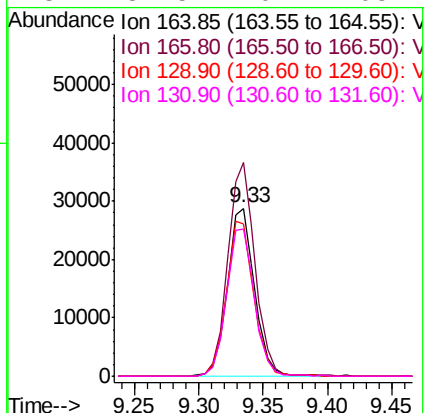
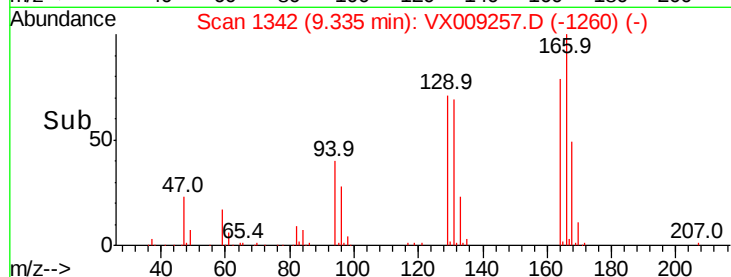


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.686 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX009257.D

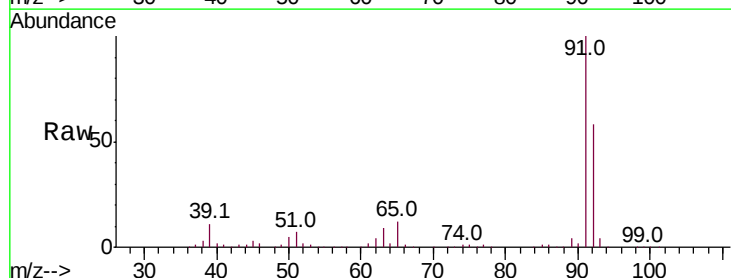
Acq: 01 May 2019 15:44

Tgt Ion: 91 Resp: 201663

Ion Ratio Lower Upper

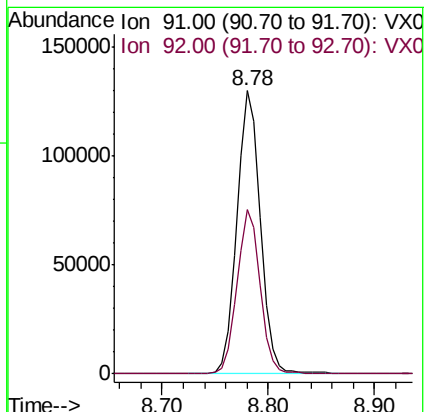
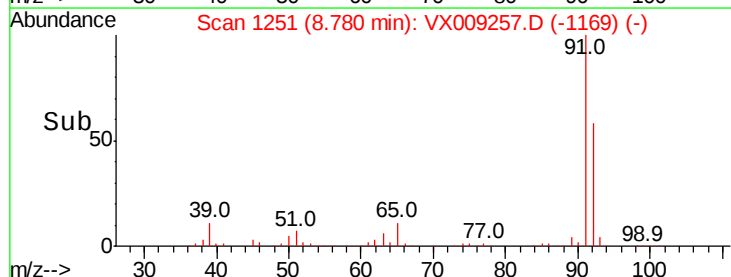
91 100

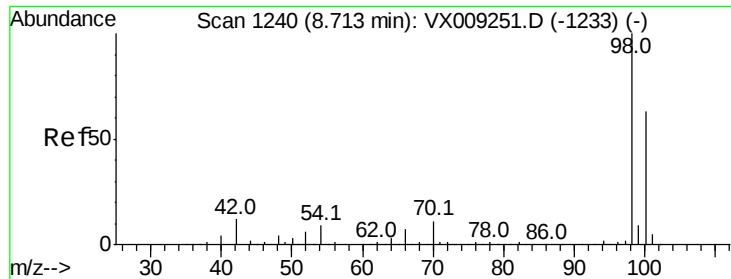
92 57.0 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

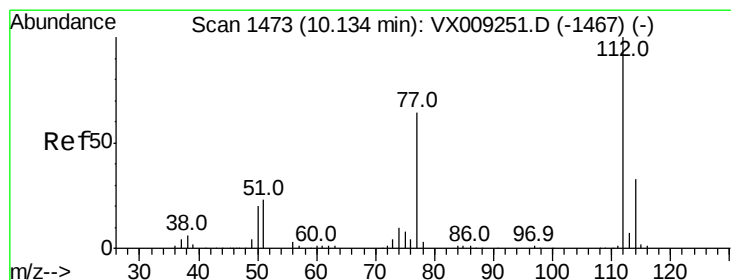
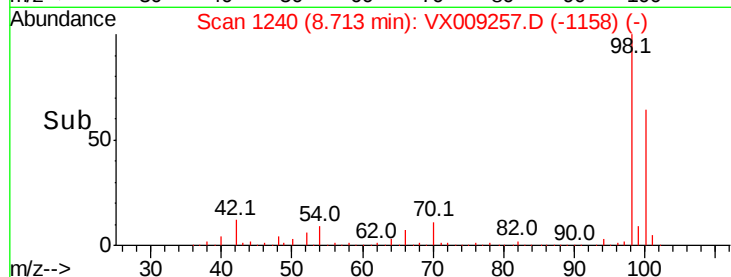
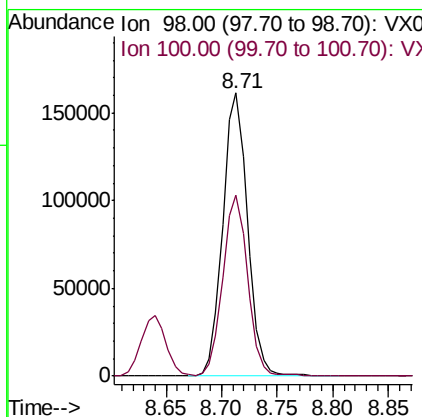
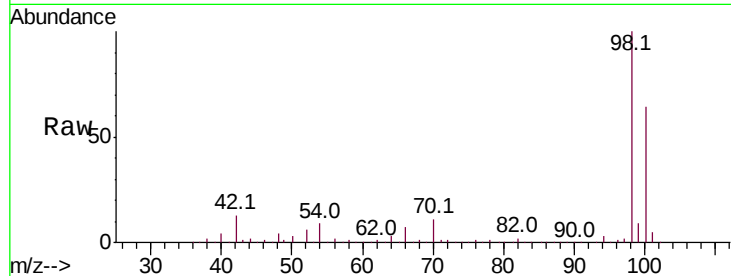




#63
Toluene-d8
Concen: 30.246 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

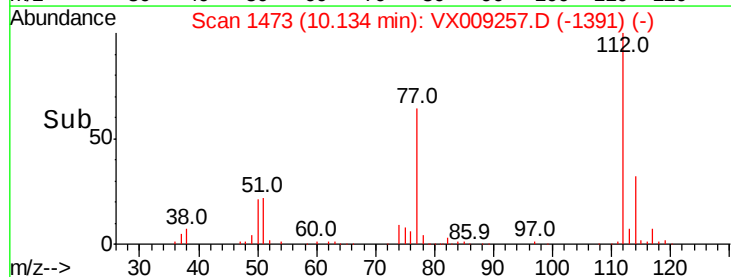
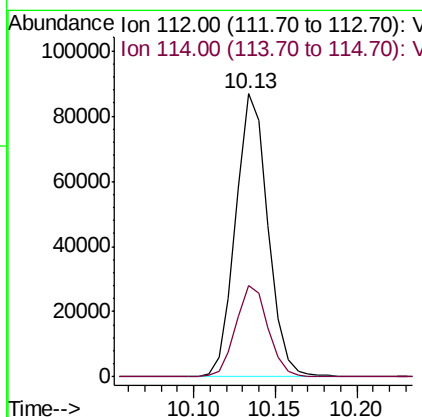
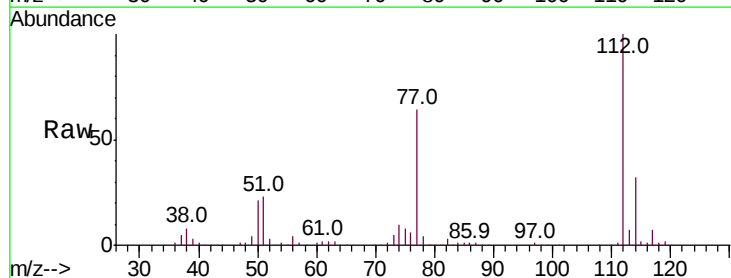
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

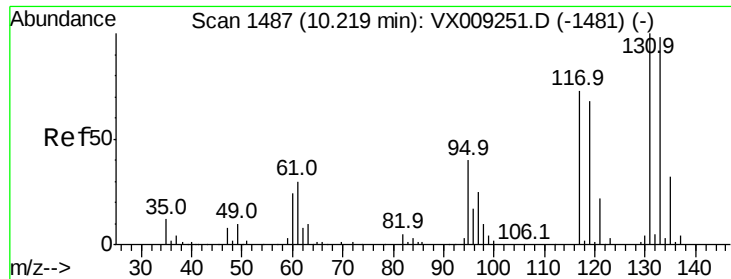
Tot Ion: 98 Resp: 249550
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#64
Chlorobenzene
Concen: 21.456 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 112 Resp: 120082
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 21.110 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

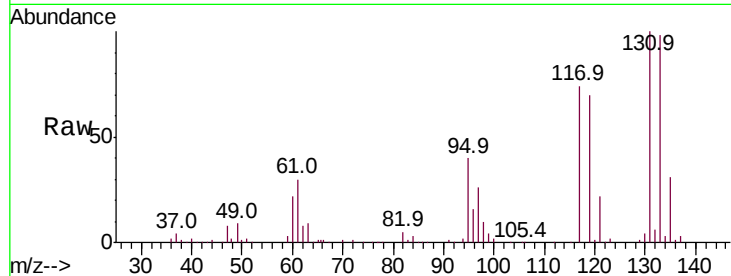
Tot Ion:131 Resp: 43258

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.2

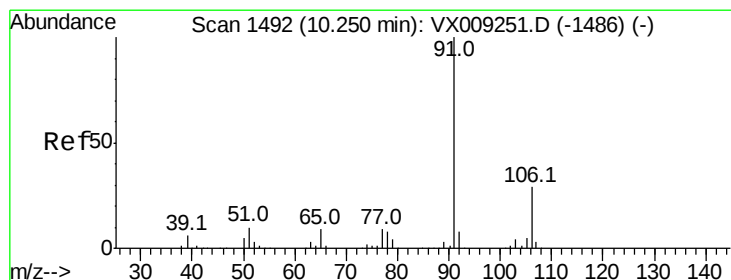
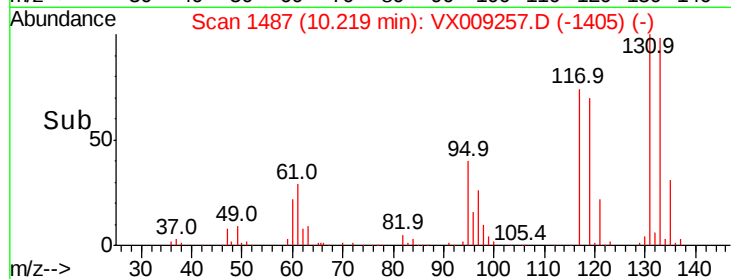
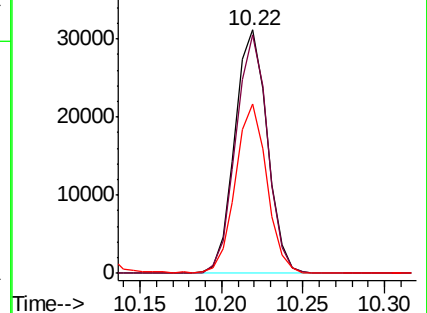
119 67.5 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.671 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009257.D

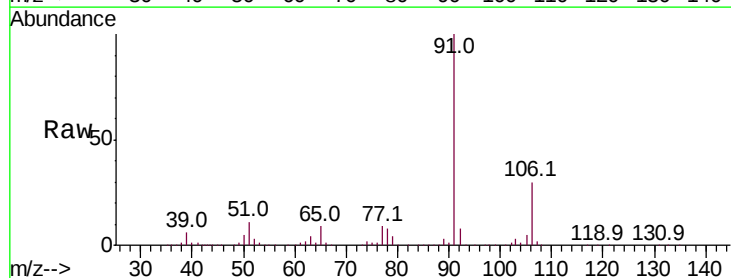
Acq: 01 May 2019 15:44

Tgt Ion: 91 Resp: 224500

Ion Ratio Lower Upper

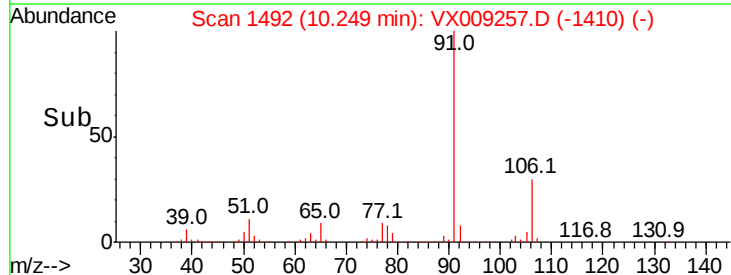
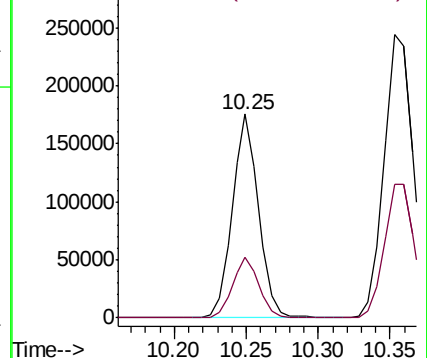
91 100

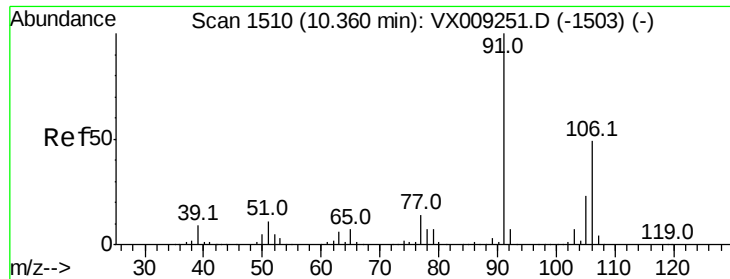
106 30.1 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

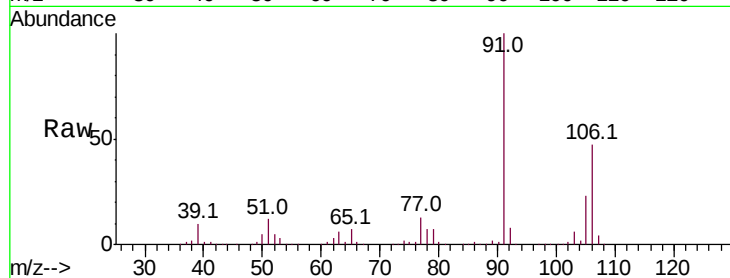




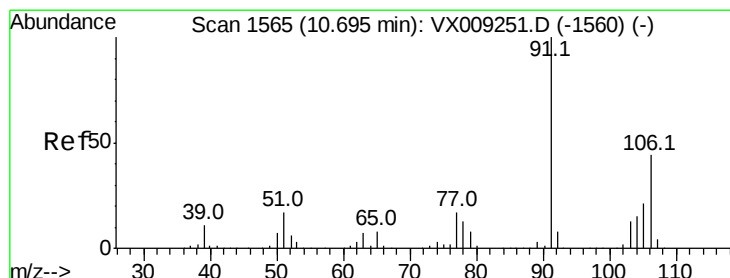
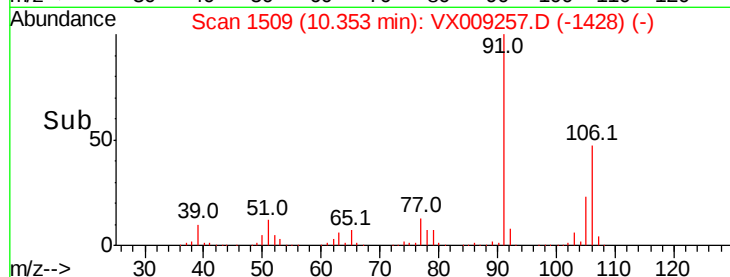
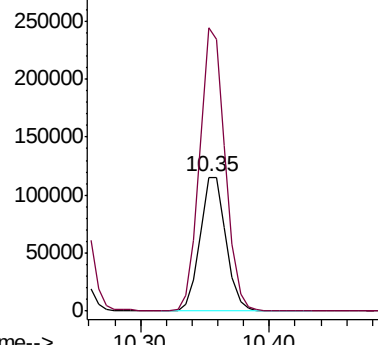
#67
m/p-Xvlenes
Concen: 43.399 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

Tot Ion:106 Resp: 164146
Ion Ratio Lower Upper
106 100
91 207.0 166.8 250.2

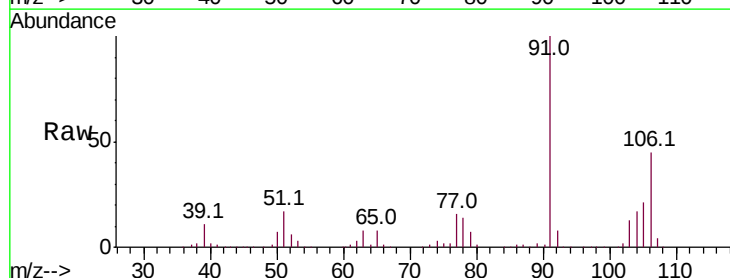


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

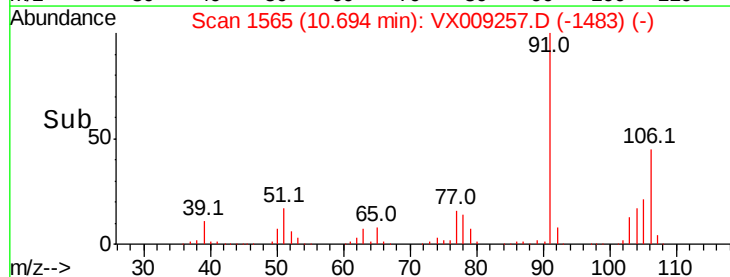
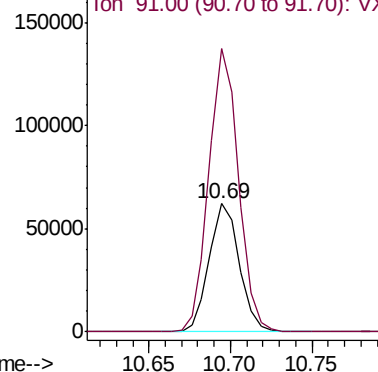


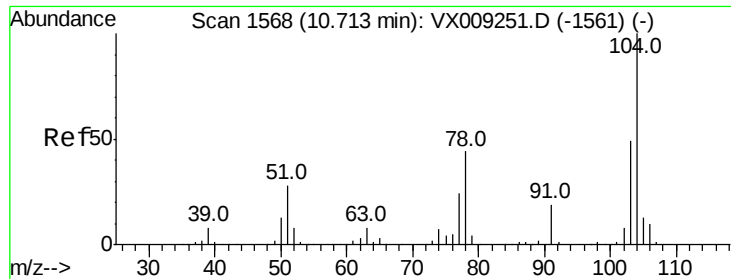
#68
o-Xylene
Concen: 21.638 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion:106 Resp: 80472
Ion Ratio Lower Upper
106 100
91 217.0 110.8 332.3



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





#69

Stvrene

Concen: 21.409 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

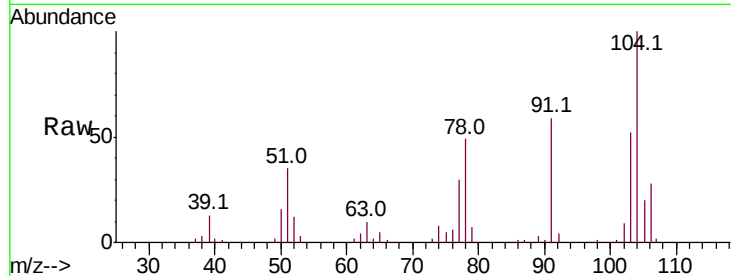
Tot Ion:104 Resp: 139772

Ion Ratio Lower Upper

104 100

78 51.4 41.1 61.7

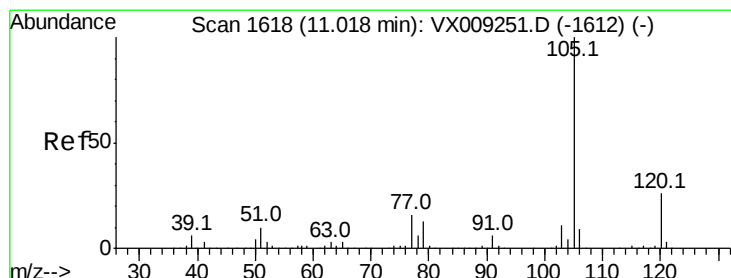
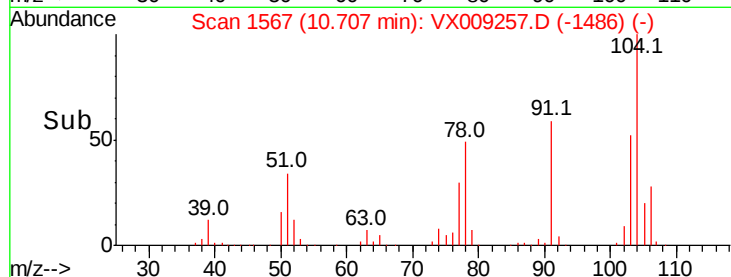
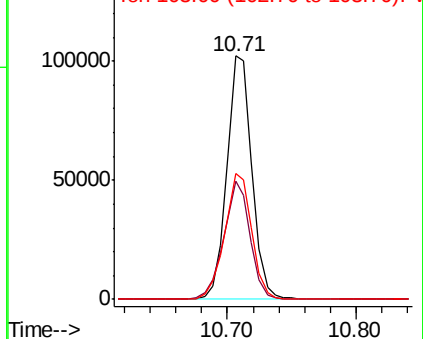
103 55.3 43.8 65.8



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



#70

Isopropylbenzene

Concen: 21.769 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009257.D

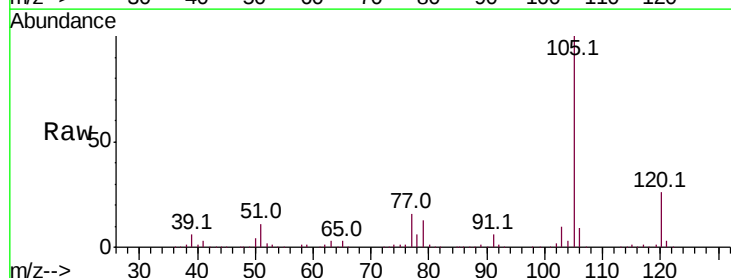
Acq: 01 May 2019 15:44

Tgt Ion:105 Resp: 217731

Ion Ratio Lower Upper

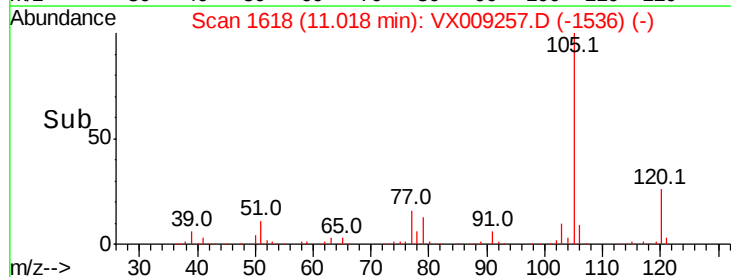
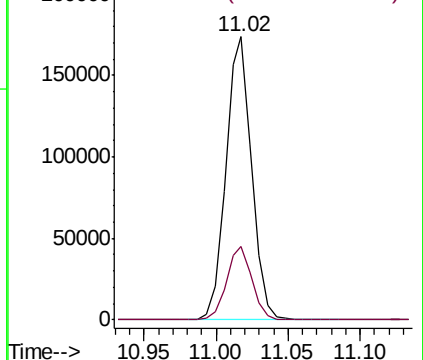
105 100

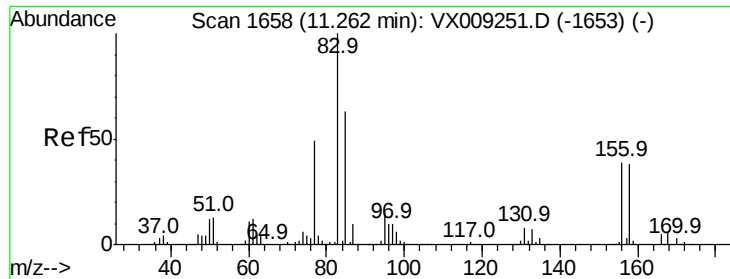
120 25.9 18.1 33.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

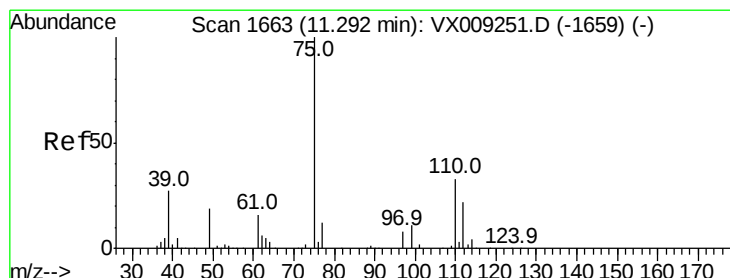
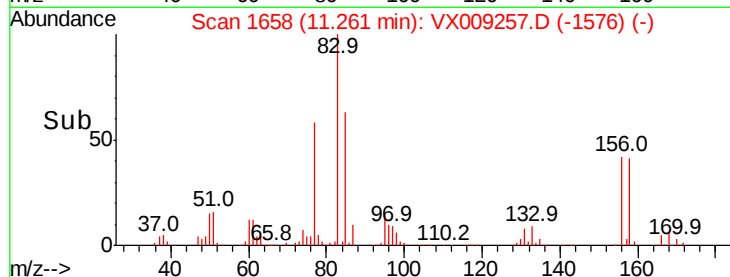
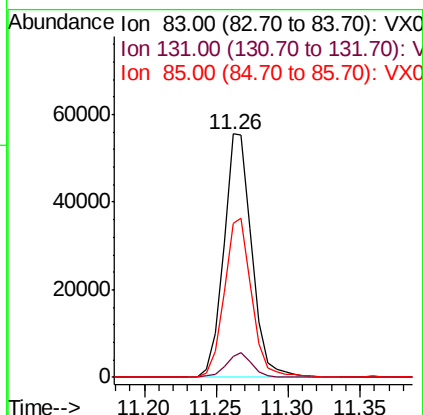
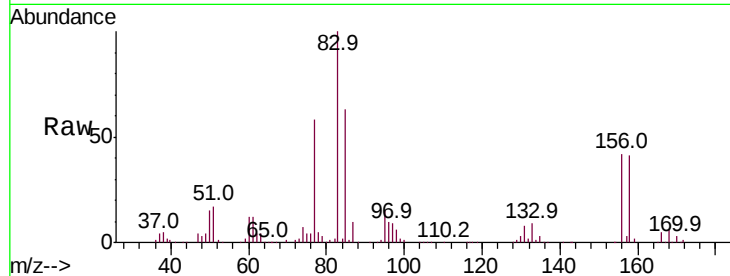




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.737 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

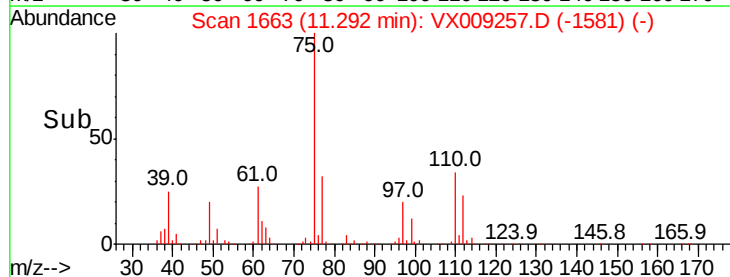
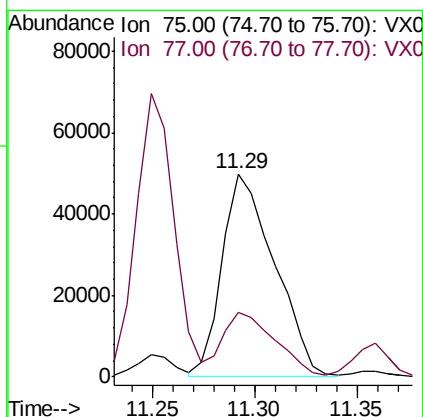
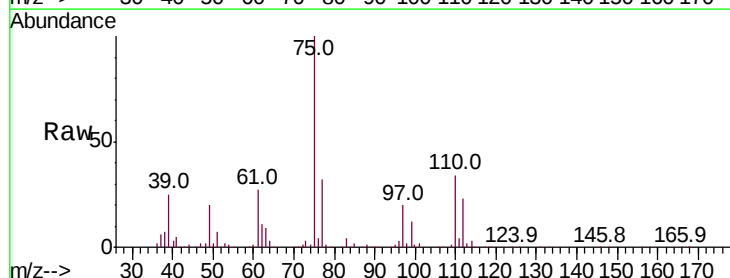
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

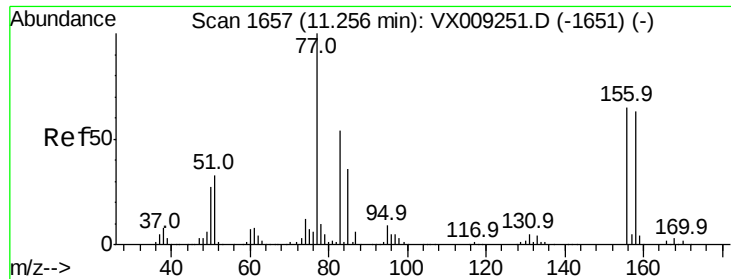
Tot Ion: 83 Resp: 75960
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.0
 85 63.8 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 28.329 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Tgt Ion: 75 Resp: 89424
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 86.4





#73

Bromobenzene

Concen: 21.512 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

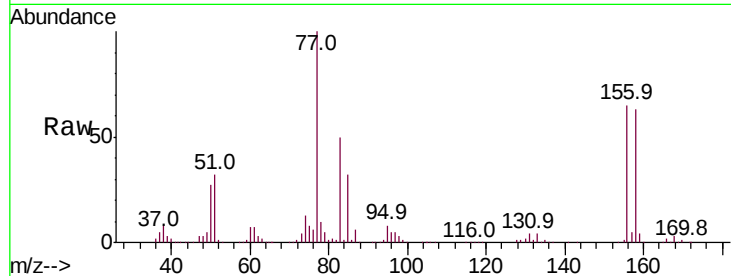
Tot Ion:156 Resp: 53161

Ion Ratio Lower Upper

156 100

77 168.2 0.0 335.6

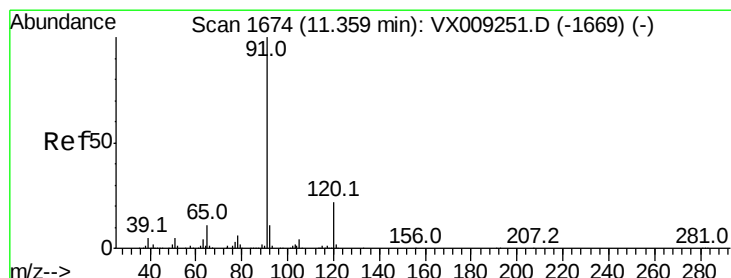
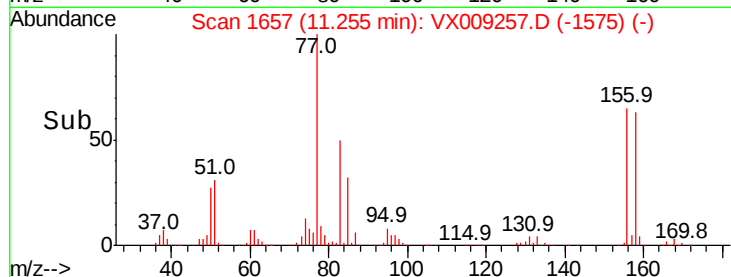
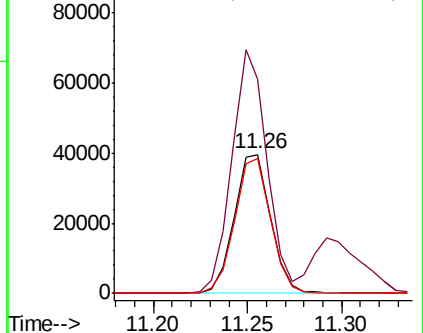
158 95.6 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 22.078 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009257.D

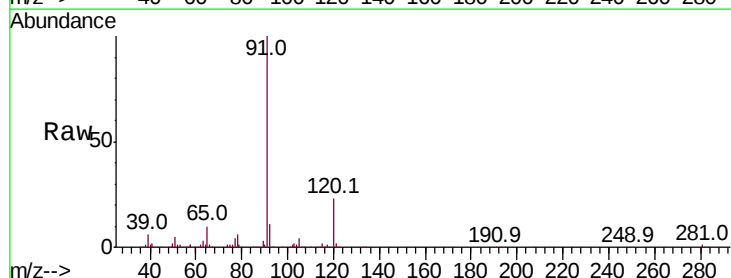
Acq: 01 May 2019 15:44

Tgt Ion: 91 Resp: 255898

Ion Ratio Lower Upper

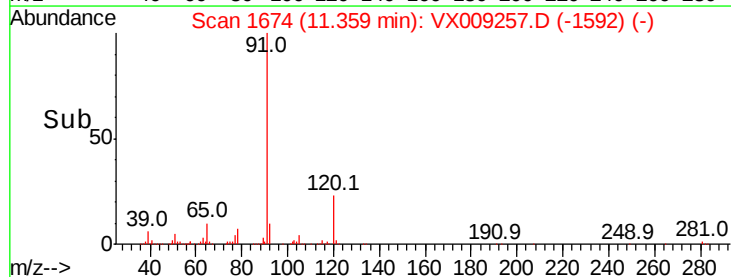
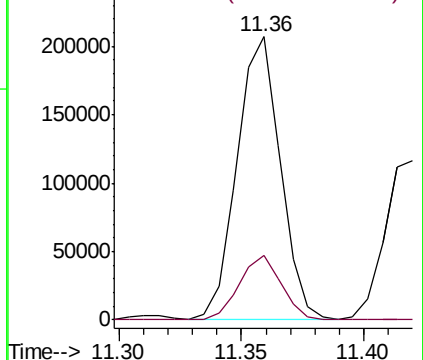
91 100

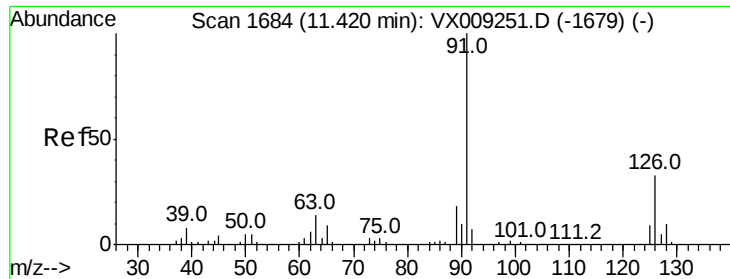
120 22.1 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.705 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

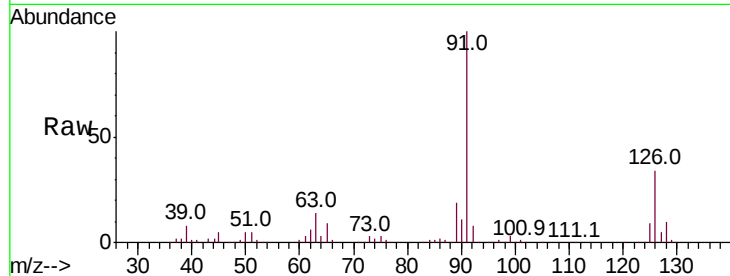
ICVVX050119

Tot Ion: 91 Resp: 150895

Ion Ratio Lower Upper

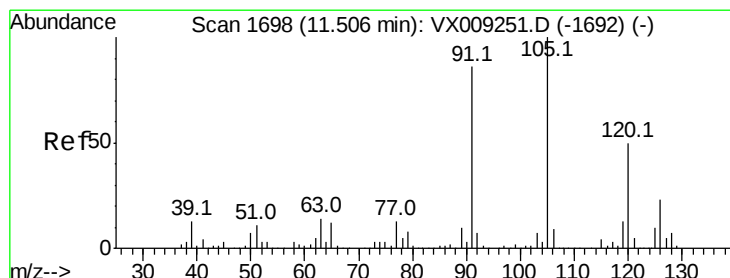
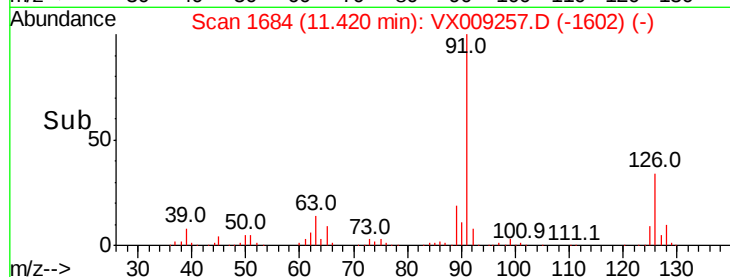
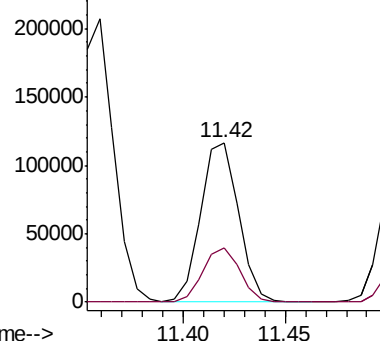
91 100

126 33.2 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.834 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009257.D

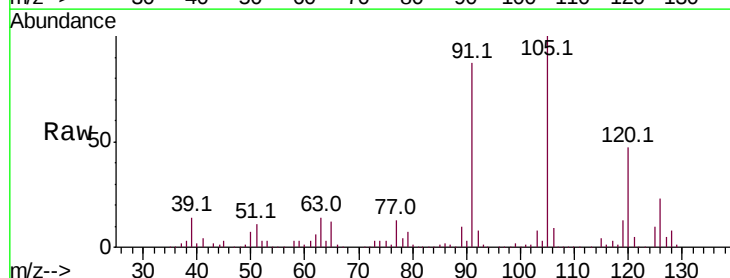
Acq: 01 May 2019 15:44

Tgt Ion:105 Resp: 184988

Ion Ratio Lower Upper

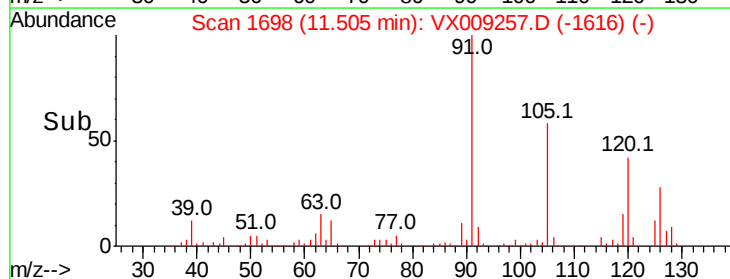
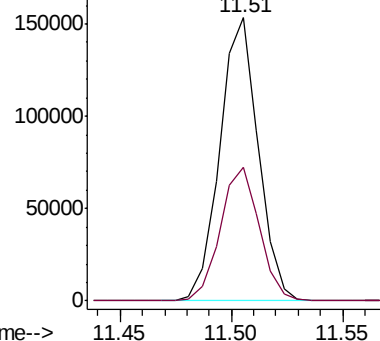
105 100

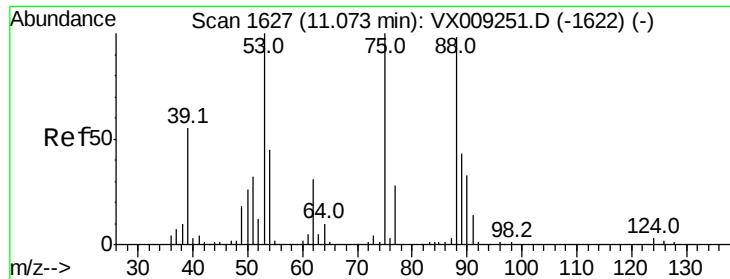
120 47.8 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



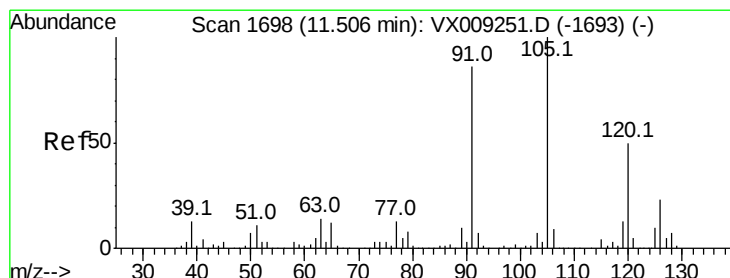
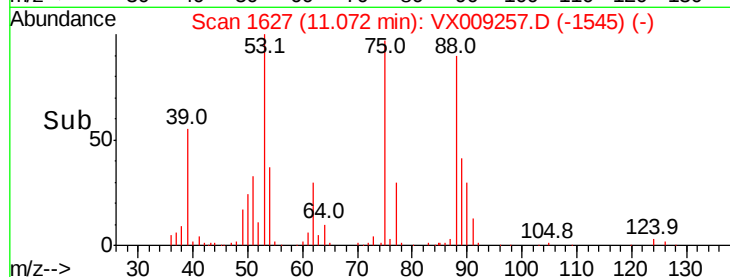
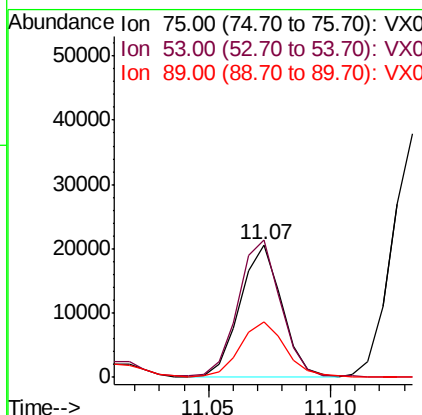
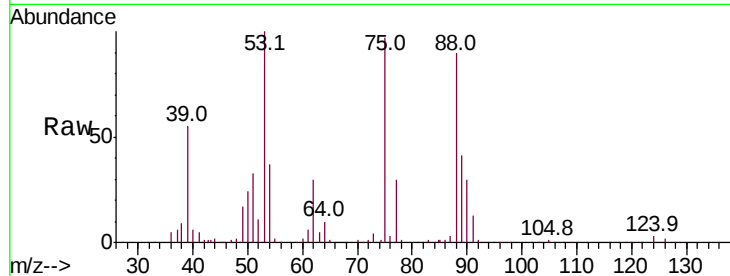


#77
t-1,4-Dichloro-2-butene
Concen: 19.379 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050119

Tot Ion: 75 Resp: 24675

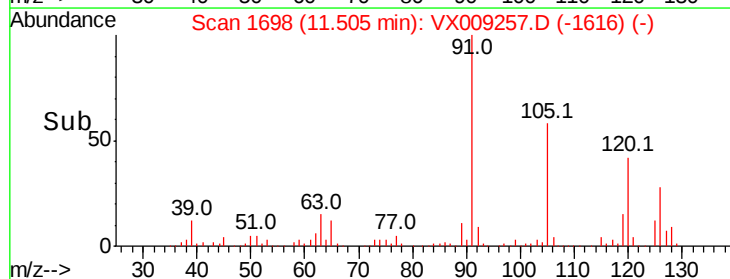
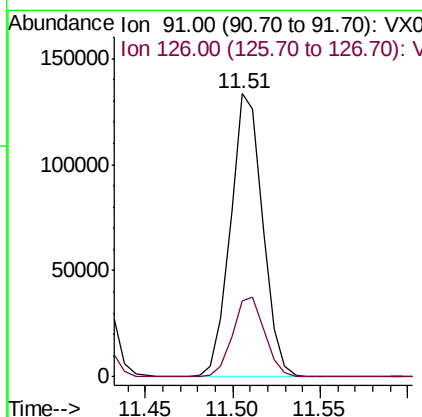
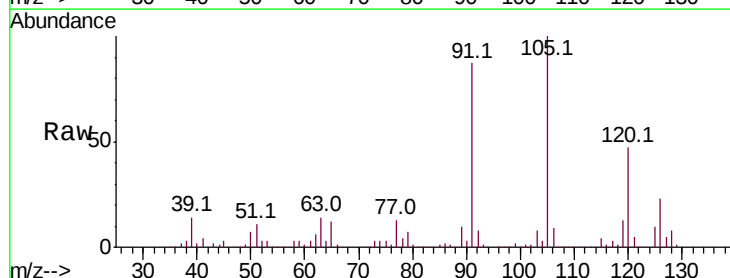
Ion	Ratio	Lower	Upper
75	100		
53	103.0	50.0	149.8
89	41.8	21.6	65.0

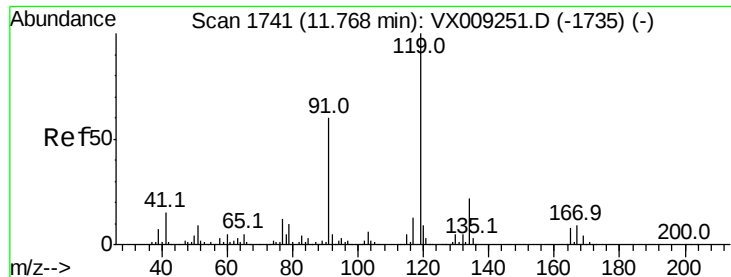


#78
4-Chlorotoluene
Concen: 21.710 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 91 Resp: 171421

Ion	Ratio	Lower	Upper
91	100		
126	28.1	0.0	57.0





#79

tert-butylbenzene

Concen: 21.727 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050119

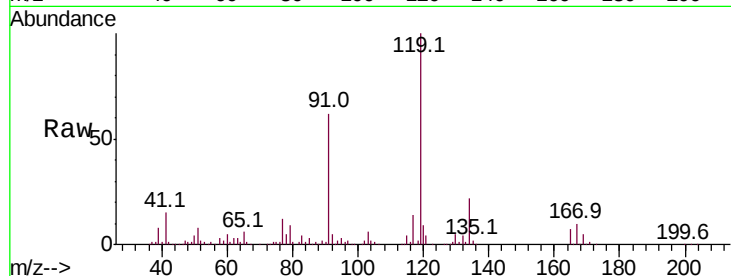
Tot Ion:119 Resp: 177950

Ion Ratio Lower Upper

119 100

91 60.3 0.0 118.2

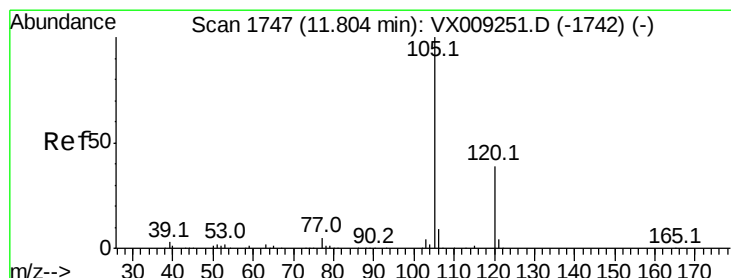
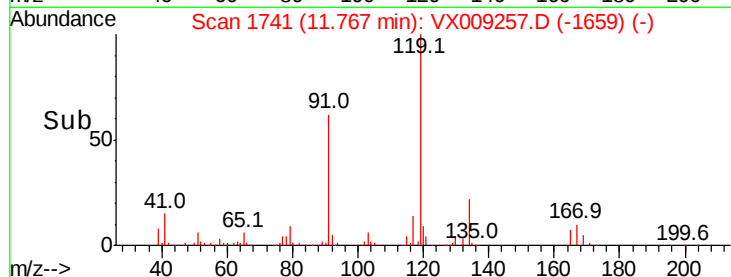
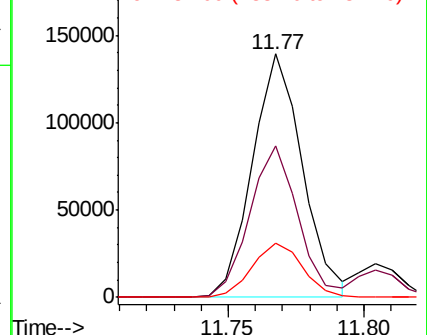
134 22.5 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 21.859 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009257.D

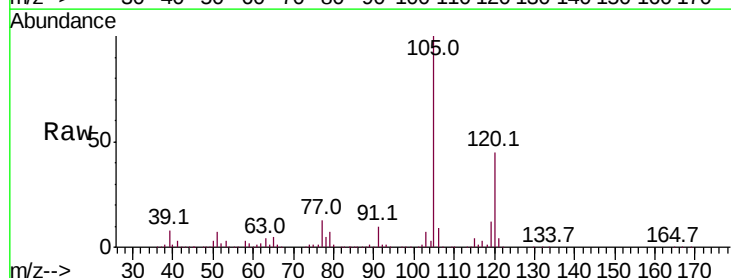
Acq: 01 May 2019 15:44

Tgt Ion:105 Resp: 185622

Ion Ratio Lower Upper

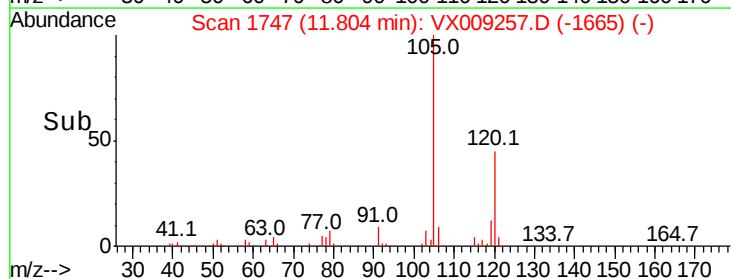
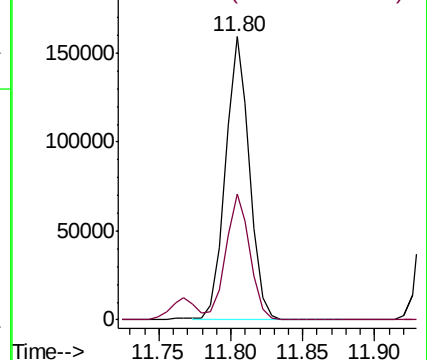
105 100

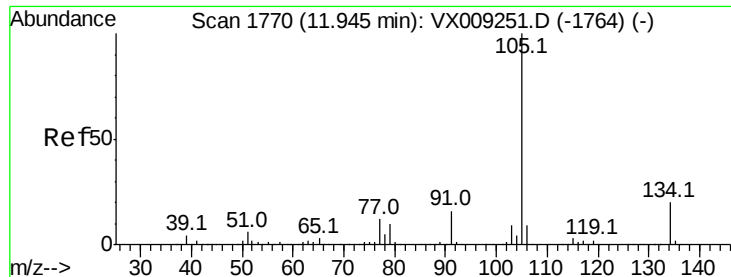
120 45.0 0.0 89.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 22.202 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

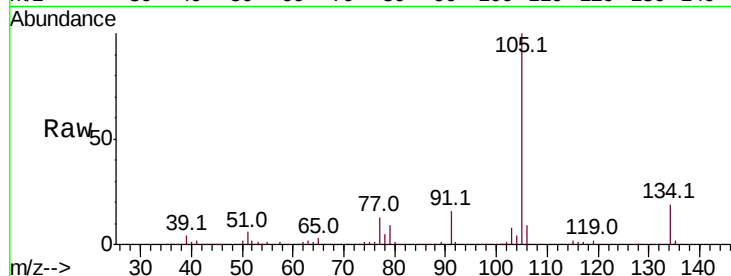
ICVVX050119

Tot Ion:105 Resp: 216048

Ion Ratio Lower Upper

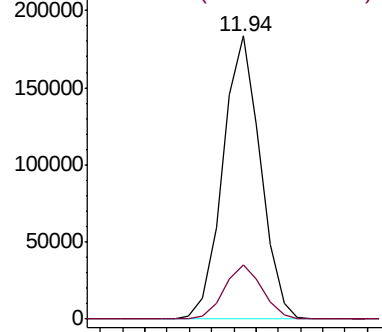
105 100

134 19.6 0.0 38.6

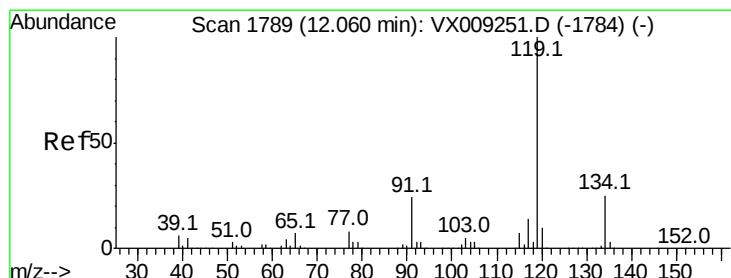
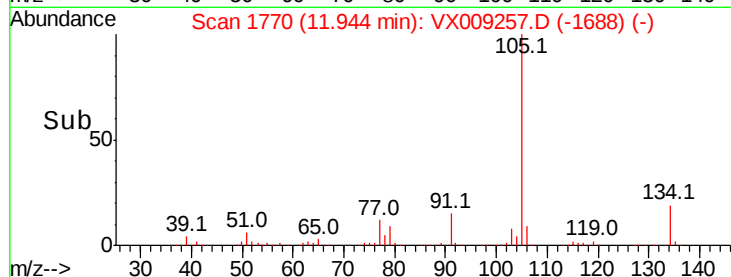


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#82

p-Isopropyltoluene

Concen: 22.065 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

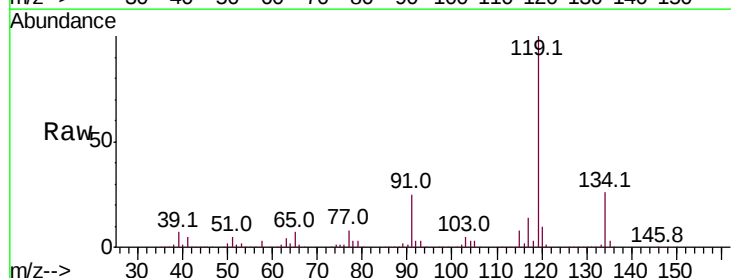
Tgt Ion:119 Resp: 195319

Ion Ratio Lower Upper

119 100

134 25.5 0.0 50.8

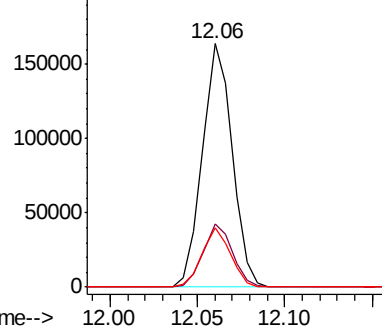
91 23.6 0.0 47.2



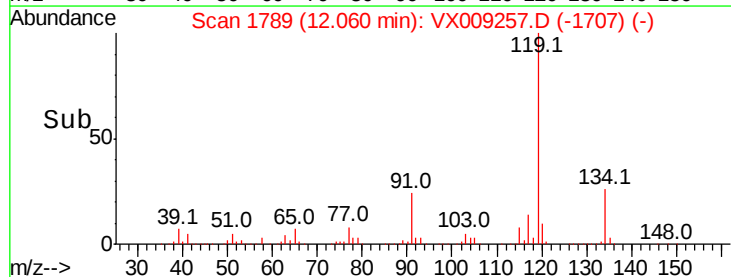
Abundance Ion 119.00 (118.70 to 119.70): V

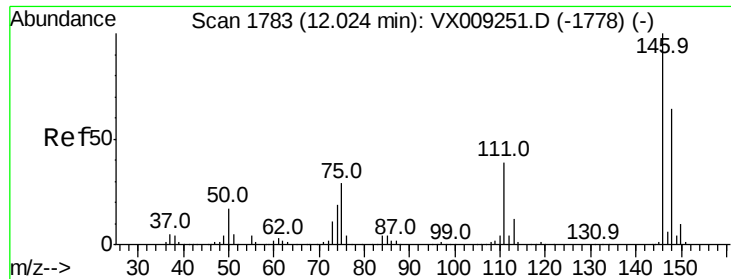
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

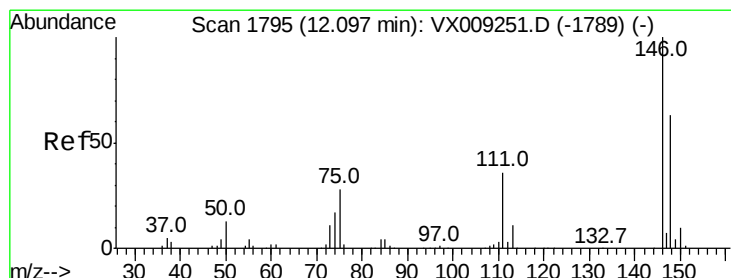
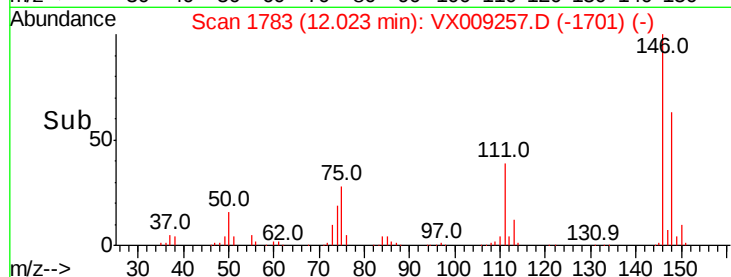
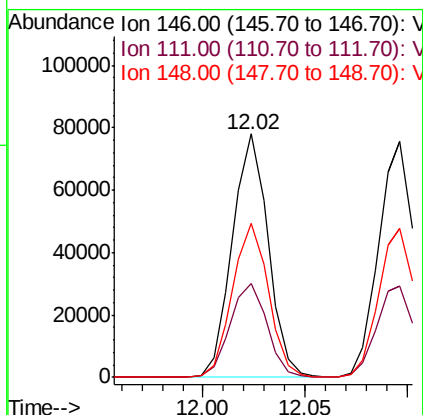
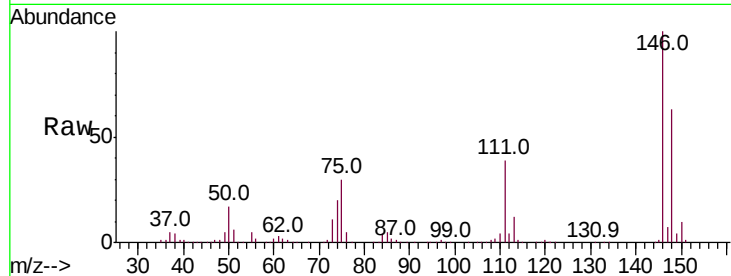




#83
 1,3-Dichlorobenzene
 Concen: 21.450 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

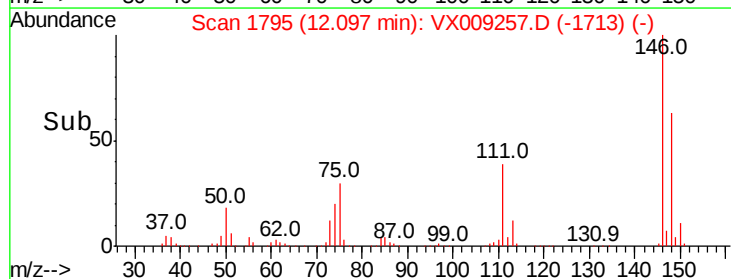
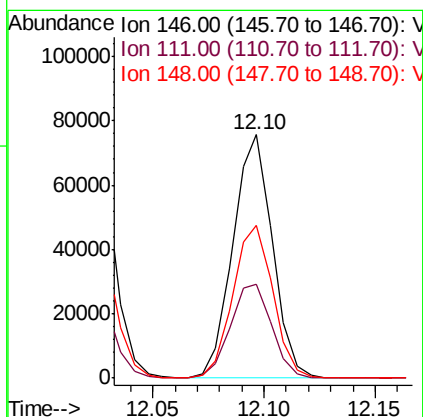
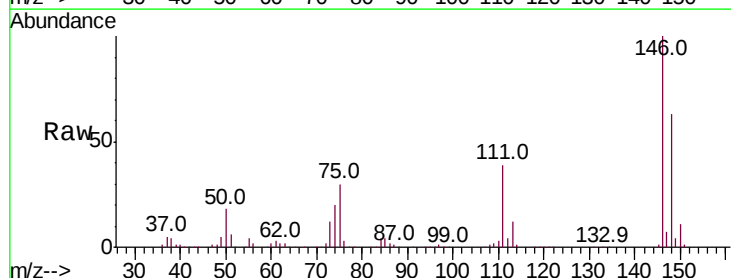
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

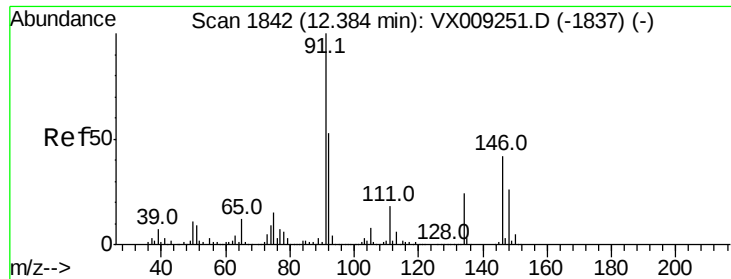
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.1	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 21.202 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	64.1	32.3	96.8

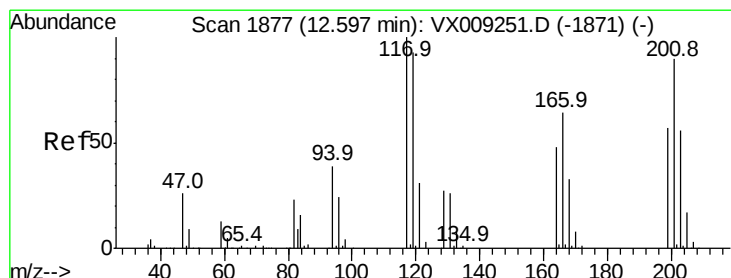
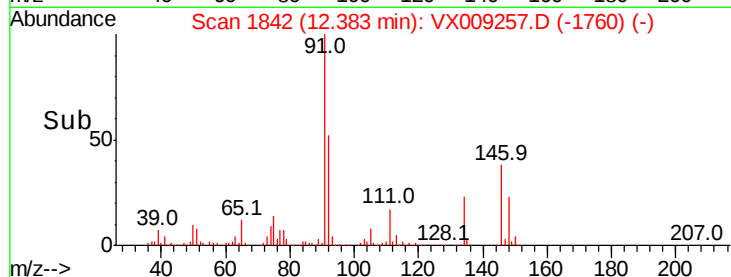
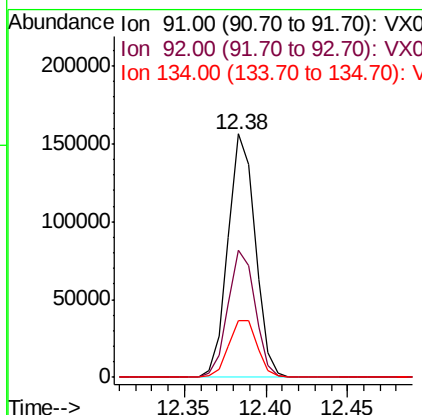
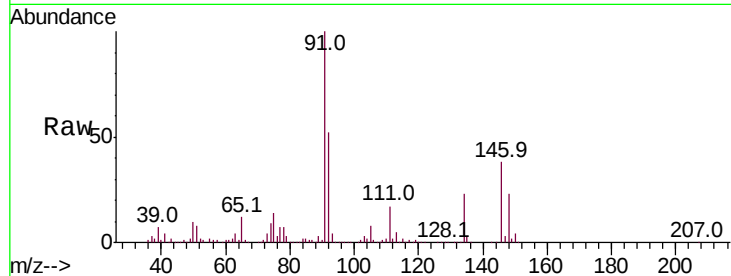




#85
n-Butylbenzene
Concen: 22.388 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

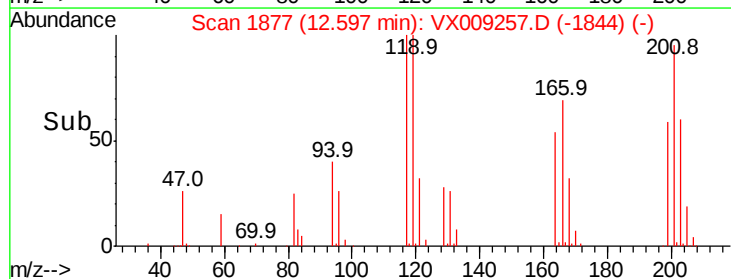
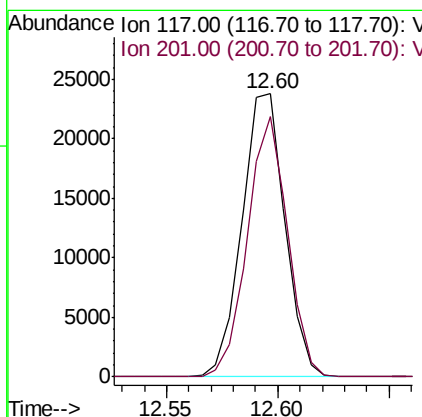
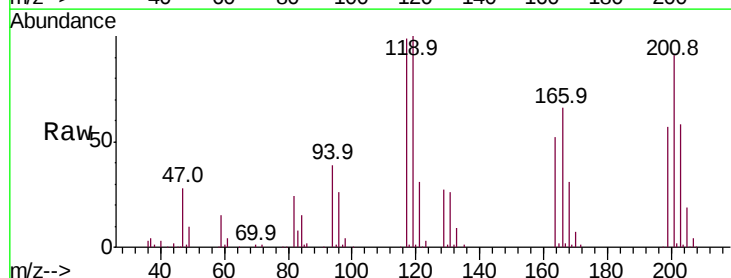
Instrument :
MSVOA_X
ClientSampleId :
ICVX050119

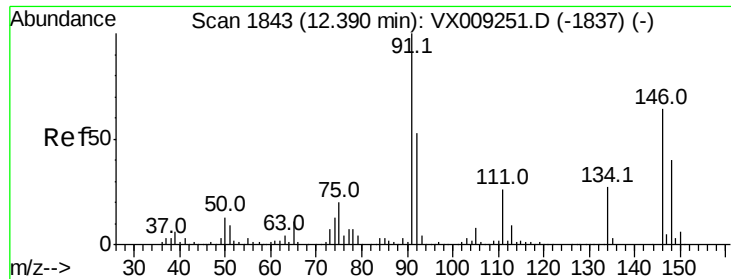
Tot Ion: 91 Resp: 181331
Ion Ratio Lower Upper
91 100
92 52.3 0.0 106.6
134 24.6 0.0 50.0



#86
Hexachloroethane
Concen: 21.296 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009257.D
Acq: 01 May 2019 15:44

Tgt Ion: 117 Resp: 32077
Ion Ratio Lower Upper
117 100
201 85.8 41.8 125.4

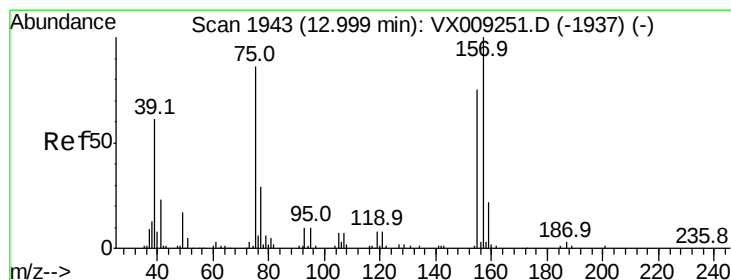
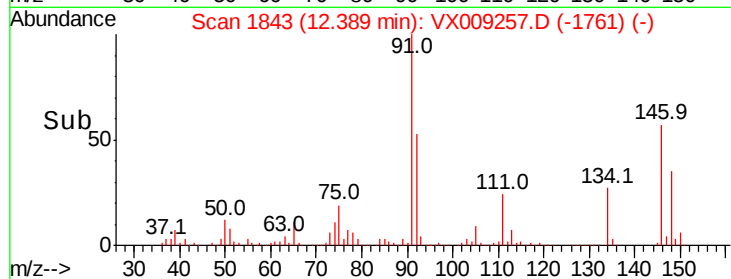
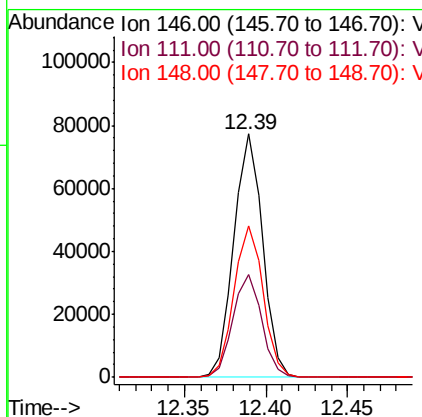
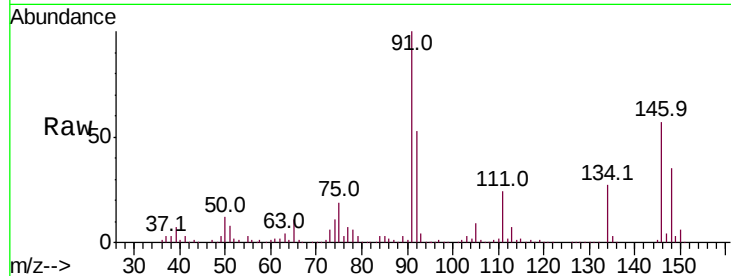




#87
 1,2-Dichlorobenzene
 Concen: 21.452 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

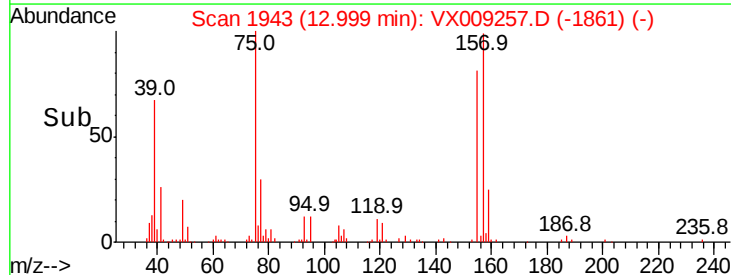
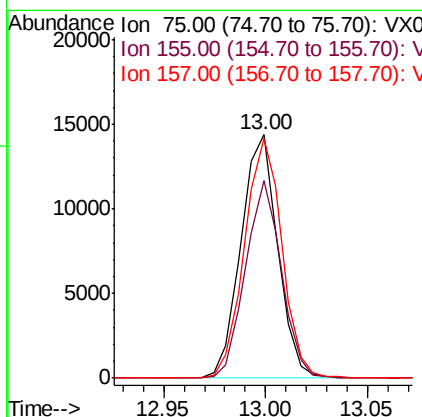
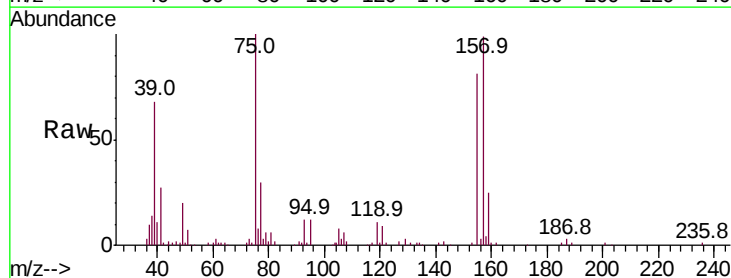
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

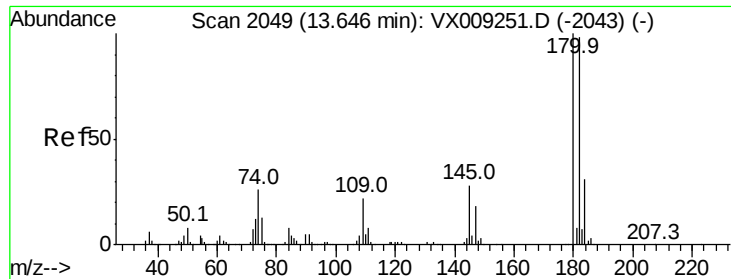
Tot Ion:146 Resp: 95303
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.2
 148 62.9 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.131 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Tgt Ion: 75 Resp: 17987
 Ion Ratio Lower Upper
 75 100
 155 79.5 65.9 98.9
 157 100.5 85.2 127.8

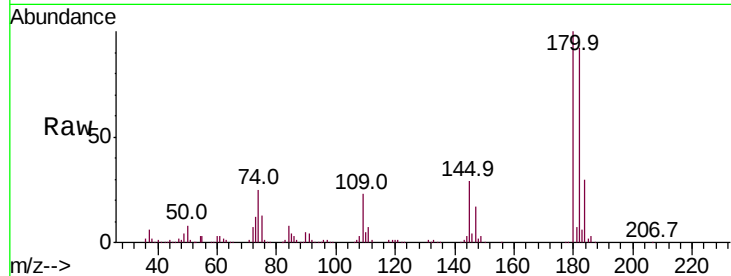




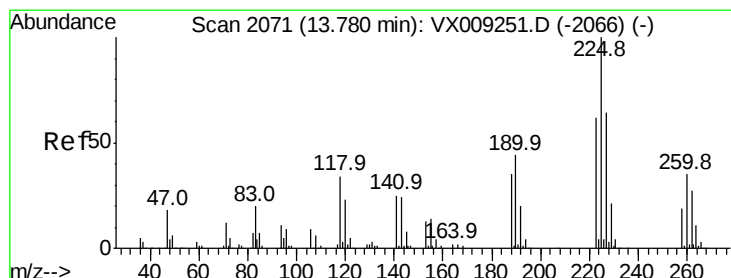
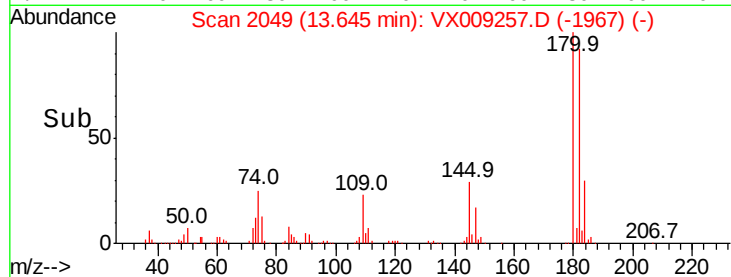
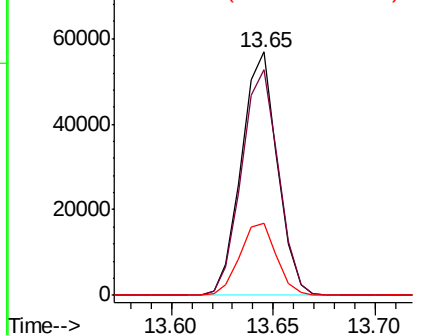
#89
 1,2,4-Trichlorobenzene
 Concen: 22.062 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	30.2	23.0	34.6

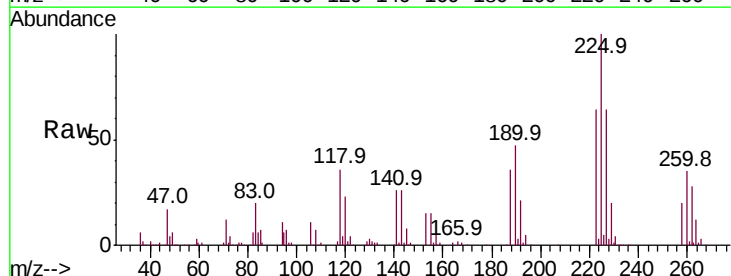


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

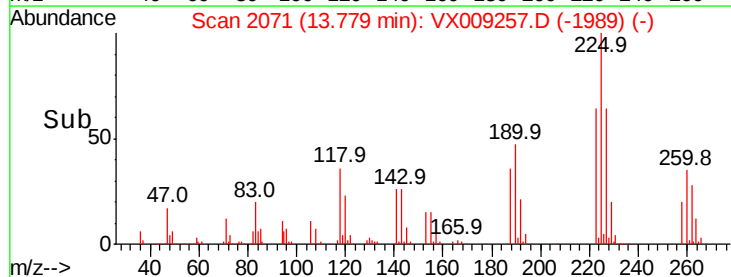
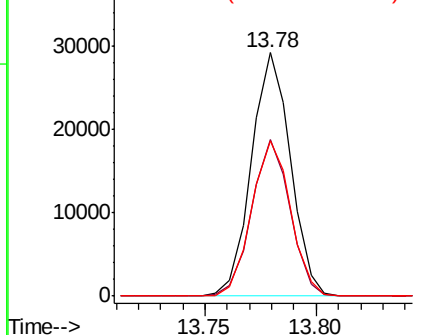


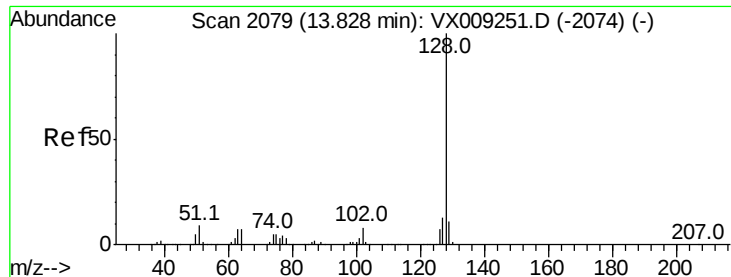
#90
 Hexachlorobutadiene
 Concen: 22.665 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009257.D
 Acq: 01 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	126.6
227	63.6	0.0	130.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 21.955 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

ICVX050119

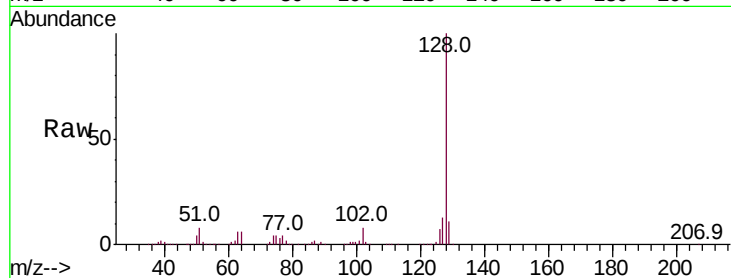
Tot Ion:128 Resp: 227614

Ion Ratio Lower Upper

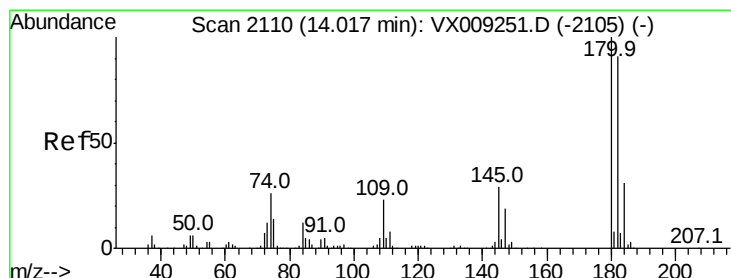
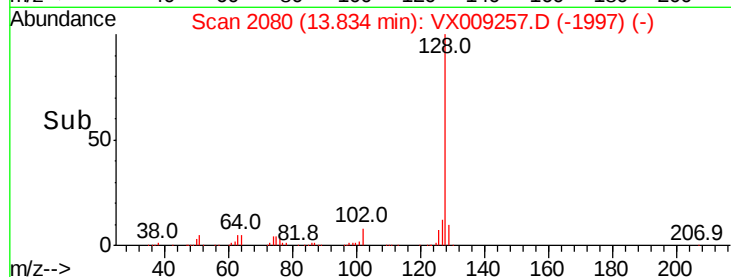
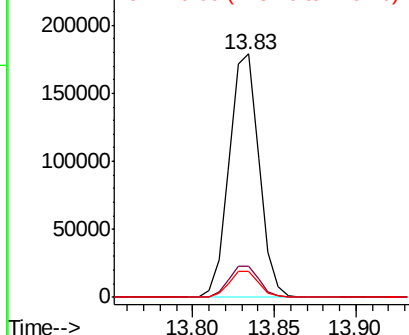
128 100

127 12.9 10.5 15.7

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 22.073 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009257.D

Acq: 01 May 2019 15:44

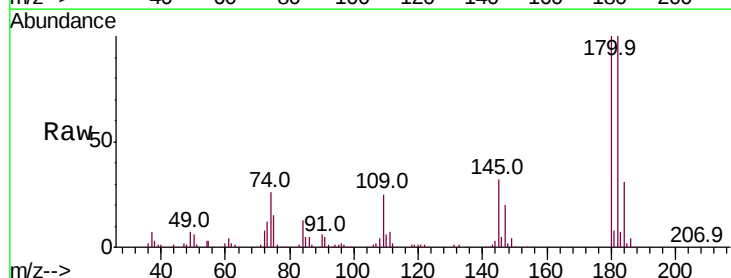
Tgt Ion:180 Resp: 71048

Ion Ratio Lower Upper

180 100

182 97.2 0.0 189.0

145 31.2 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

