

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011265.D
 Acq On : 01 Aug 2019 17:23
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Quant Time: Aug 02 02:05:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	164653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	81599	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.49	113	76382	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.71	98	287725	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.13	95	108383	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65643	51.619	ug/l	96
3) Chloromethane	1.32	50	69339	48.555	ug/l	99
4) Vinyl Chloride	1.40	62	78419	49.922	ug/l	100
5) Bromomethane	1.63	94	55980	49.968	ug/l	98
6) Chloroethane	1.71	64	51046	52.626	ug/l	96
7) Trichlorofluoromethane	1.92	101	143691	51.446	ug/l	97
8) Diethyl Ether	2.18	74	48662	48.792	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74805	49.498	ug/l	99
10) Methyl Iodide	2.50	142	87218	45.776	ug/l	100
11) Tert butyl alcohol	3.04	59	91963	278.128	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73451	49.030	ug/l	95
13) Acrolein	2.29	56	50315	244.853	ug/l	98
14) Allyl chloride	2.72	41	105898	53.025	ug/l	99
15) Acrylonitrile	3.14	53	202708	256.907	ug/l	99
16) Acetone	2.43	43	183741	232.806	ug/l	98
17) Carbon Disulfide	2.56	76	185407	52.740	ug/l	100
18) Methyl Acetate	2.76	43	90541	50.199	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	228070	51.661	ug/l	97
20) Methylene Chloride	2.85	84	81255	47.009	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	78852	49.758	ug/l	99
22) Diisopropyl ether	3.85	45	222449	50.679	ug/l	98
23) Vinyl Acetate	3.81	43	993456	272.884	ug/l	100
24) 1,1-Dichloroethane	3.69	63	128167	49.519	ug/l	99
25) 2-Butanone	4.67	43	284645	253.536	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105484	52.428	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	90900	49.800	ug/l	98
28) Bromochloromethane	5.01	49	57115	48.405	ug/l	99
29) Tetrahydrofuran	5.12	42	175328	254.696	ug/l	99
30) Chloroform	5.20	83	140059	49.789	ug/l	100
31) Cyclohexane	5.57	56	111036	51.999	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	123887	51.410	ug/l	99
36) 1,1-Dichloropropene	5.79	75	102515	48.391	ug/l	100
37) Ethyl Acetate	4.82	43	106348	50.047	ug/l	100
38) Carbon Tetrachloride	5.78	117	110963	52.063	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123370	49.130	ug/l	100
40) Benzene	6.13	78	314391	49.732	ug/l	99
41) Methacrylonitrile	5.03	41	56271	48.488	ug/l	99
42) 1,2-Dichloroethane	6.18	62	106315	49.734	ug/l	99
43) Isopropyl Acetate	6.44	43	171391	50.448	ug/l	99
44) Trichloroethene	7.21	130	92590	48.388	ug/l	99
45) 1,2-Dichloropropane	7.51	63	77456	47.310	ug/l	95
46) Dibromomethane	7.66	93	57845	48.399	ug/l	98
47) Bromodichloromethane	7.90	83	104505	51.645	ug/l	99
48) Methyl methacrylate	7.77	41	82321	51.488	ug/l	99
49) 1,4-Dioxane	7.74	88	46546	1004.191	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	569328	259.668	ug/l	99
52) Toluene	8.78	92	207711	49.695	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114626	48.718	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	125970	53.293	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	86863	50.546	ug/l	99
56) Ethyl methacrylate	9.18	69	128926	52.645	ug/l	99
57) 1,3-Dichloropropane	9.37	76	135509	49.860	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	300944	249.926	ug/l	100
59) 2-Hexanone	9.49	43	451803	266.041	ug/l	99
60) Dibromochloromethane	9.58	129	94704	53.827	ug/l	98
61) 1,2-Dibromoethane	9.67	107	93848	50.546	ug/l	97
64) Tetrachloroethene	9.34	164	90252	47.002	ug/l	97
65) Chlorobenzene	10.13	112	236165	48.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	86563	52.155	ug/l	99
67) Ethyl Benzene	10.25	91	409927	50.489	ug/l	99
68) m/p-Xylenes	10.35	106	319128	101.619	ug/l	99
69) o-Xylene	10.69	106	151862	49.216	ug/l	98
70) Styrene	10.71	104	264796	51.864	ug/l	99
71) Bromoform	10.85	173	71331	48.176	ug/l #	99
73) Isopropylbenzene	11.02	105	416061	49.811	ug/l	100
74) N-amyl acetate	10.90	43	164676	54.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137861	49.527	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149429	67.185	ug/l	84
77) Bromobenzene	11.25	156	113371	48.947	ug/l	98
78) n-propylbenzene	11.36	91	470346	50.635	ug/l	100
79) 2-Chlorotoluene	11.42	91	273170	49.340	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	351502	50.271	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40521	48.772	ug/l	99
82) 4-Chlorotoluene	11.51	91	323044	50.066	ug/l	99
83) tert-Butylbenzene	11.77	119	347057	50.608	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	355966	51.133	ug/l	100
85) sec-Butylbenzene	11.94	105	416186	50.512	ug/l	100
86) p-Isopropyltoluene	12.06	119	385145	50.811	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205755	50.276	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207407	49.148	ug/l	99
89) n-Butylbenzene	12.38	91	334853	51.277	ug/l	99
90) Hexachloroethane	12.59	117	59434	53.036	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	204262	49.674	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29927	55.493	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

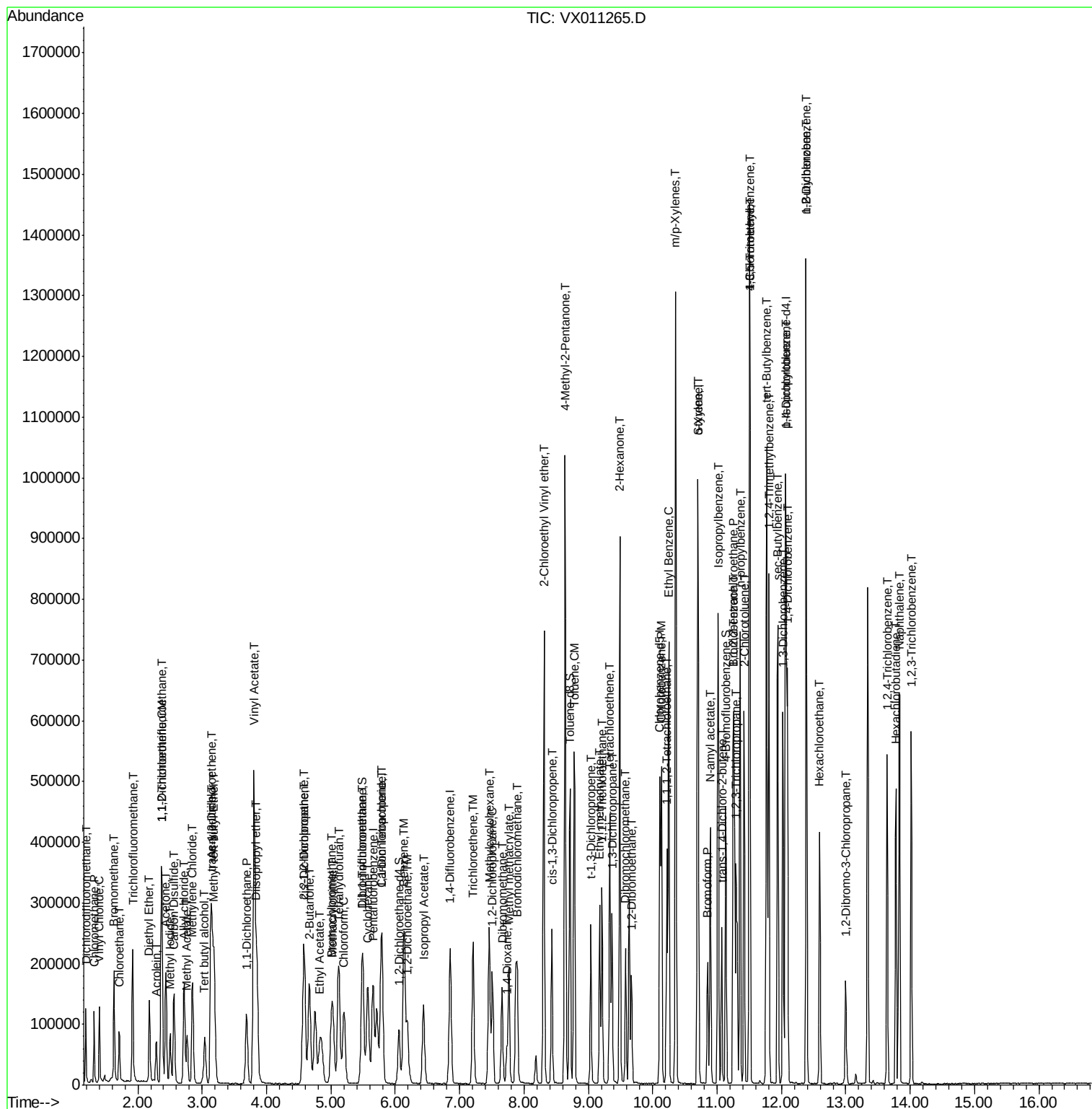
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139828	51.275	ug/l	100
94) Hexachlorobutadiene	13.78	225	69815	50.460	ug/l	100
95) Naphthalene	13.83	128	426621	53.496	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137515	49.602	ug/l	98

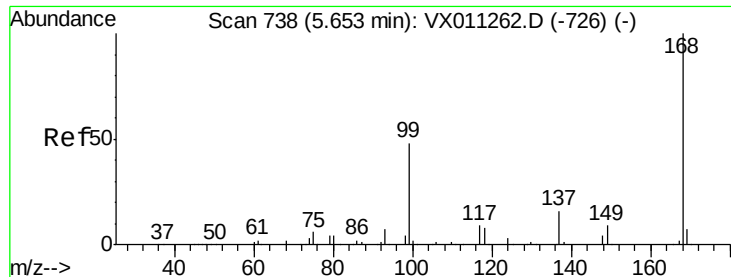
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 02 02:05:12 2019
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

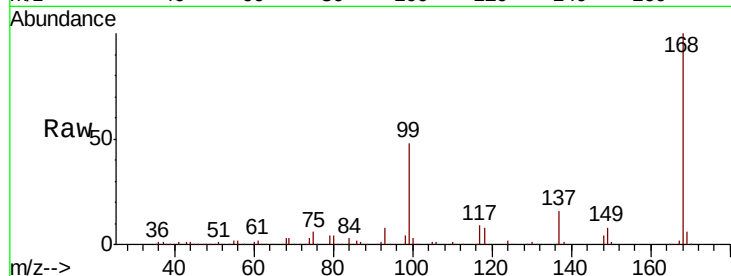
ICVVX080119

Tot Ion:168 Resp: 164653

Ion Ratio Lower Upper

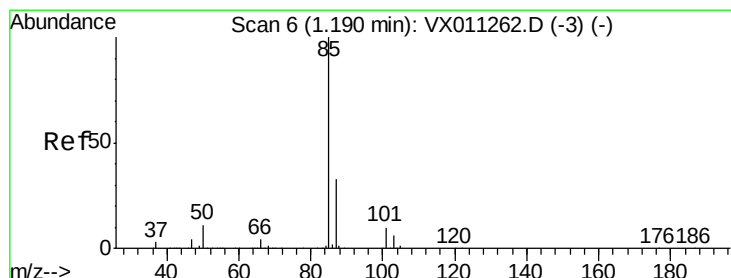
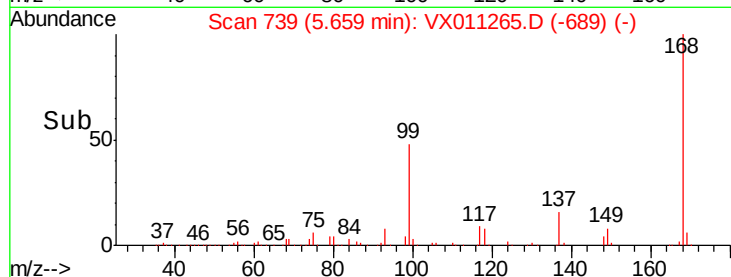
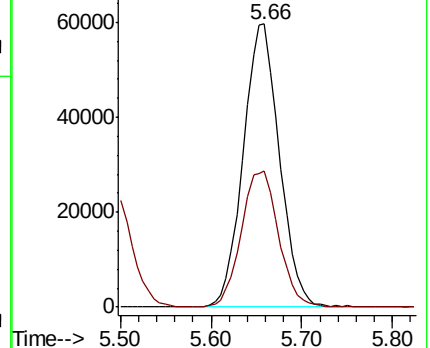
168 100

99 47.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.619 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011265.D

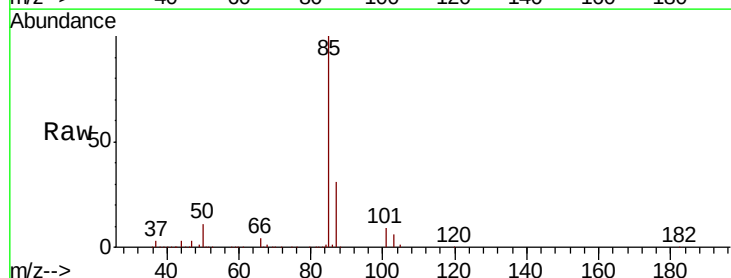
Acq: 01 Aug 2019 17:23

Tgt Ion: 85 Resp: 65643

Ion Ratio Lower Upper

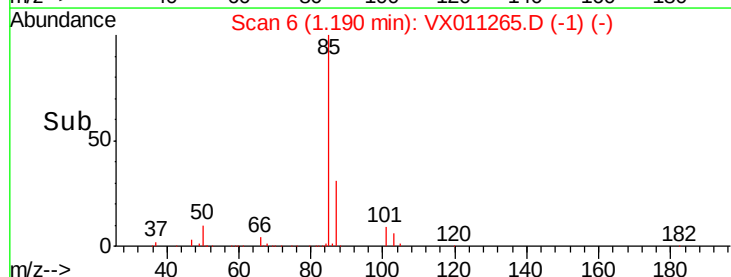
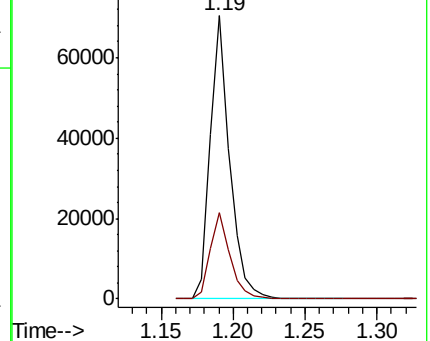
85 100

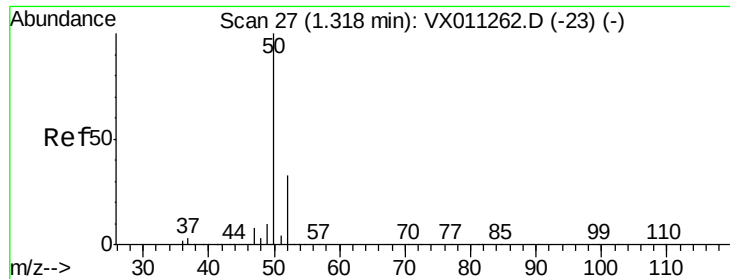
87 30.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.555 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

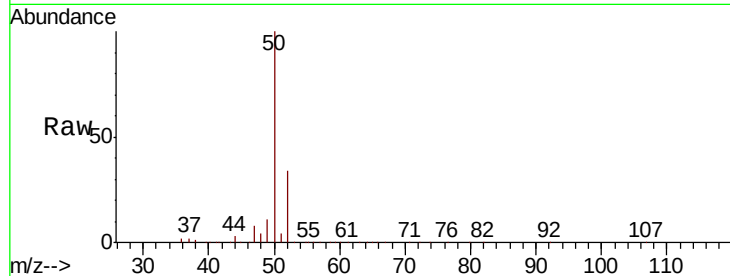
ICVVX080119

Tot Ion: 50 Resp: 69339

Ion Ratio Lower Upper

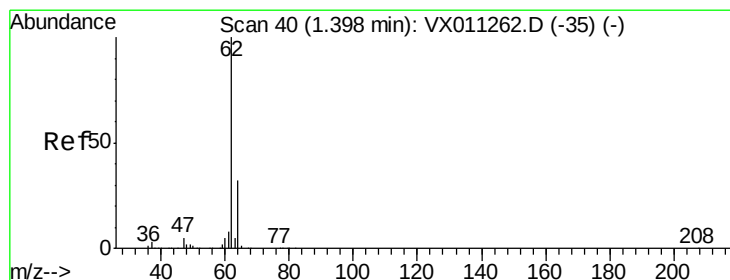
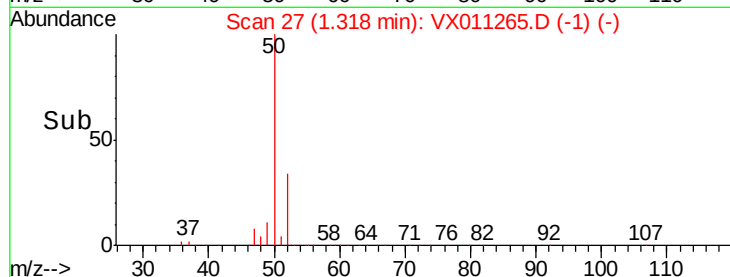
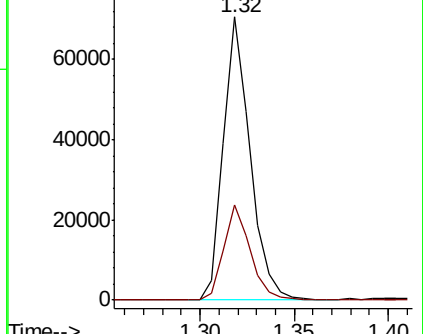
50 100

52 33.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.922 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011265.D

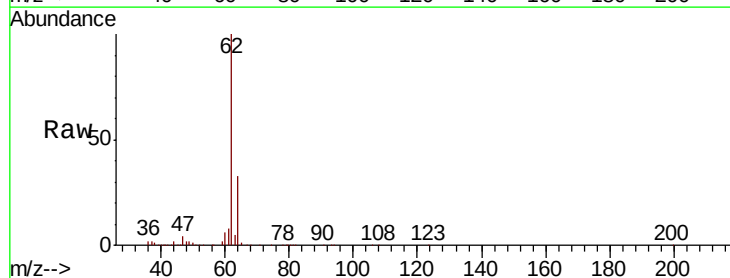
Acq: 01 Aug 2019 17:23

Tgt Ion: 62 Resp: 78419

Ion Ratio Lower Upper

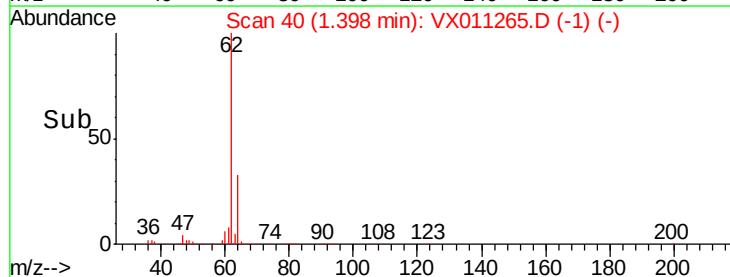
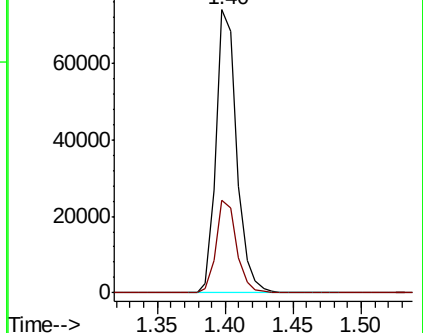
62 100

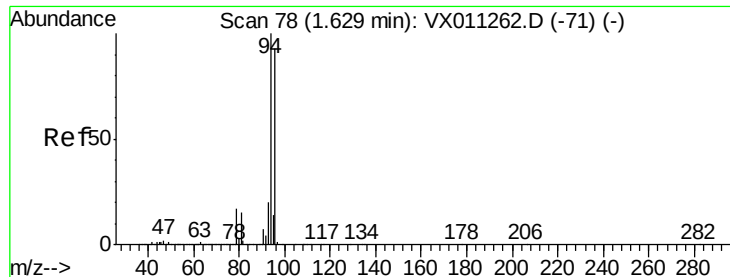
64 32.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.968 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

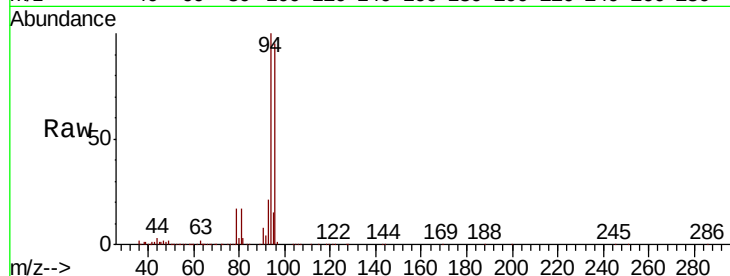
ICVVX080119

Tot Ion: 94 Resp: 55980

Ion Ratio Lower Upper

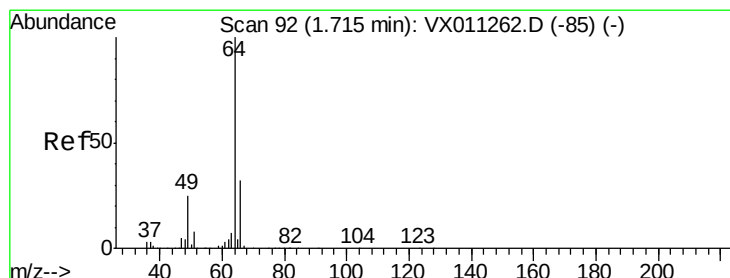
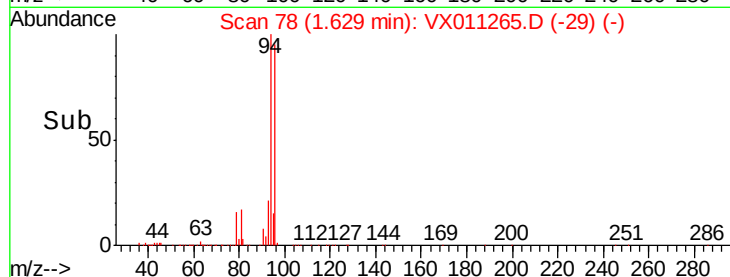
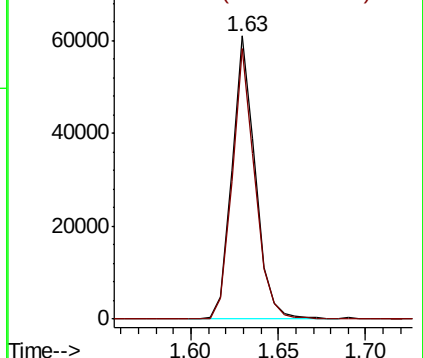
94 100

96 95.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.626 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011265.D

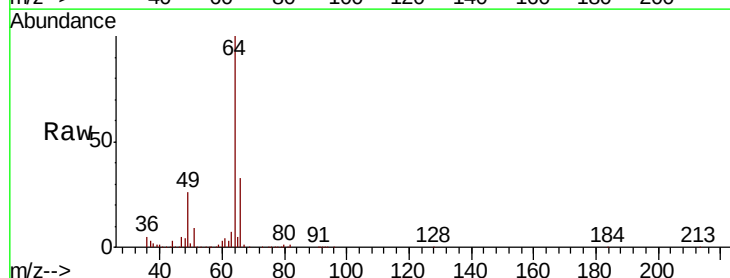
Acq: 01 Aug 2019 17:23

Tgt Ion: 64 Resp: 51046

Ion Ratio Lower Upper

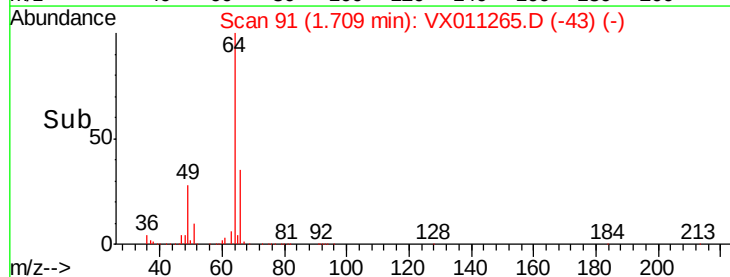
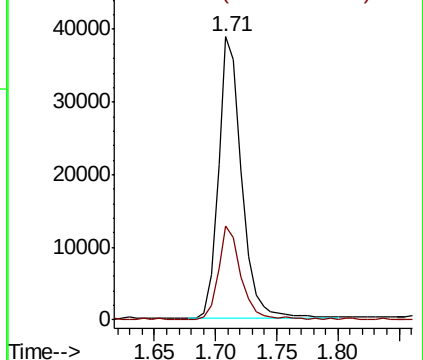
64 100

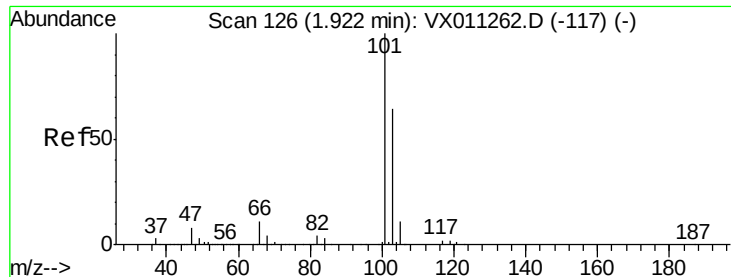
66 33.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



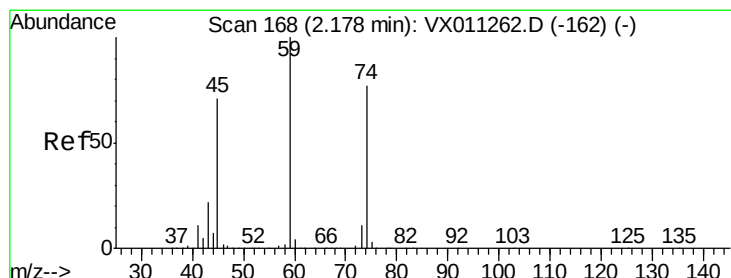
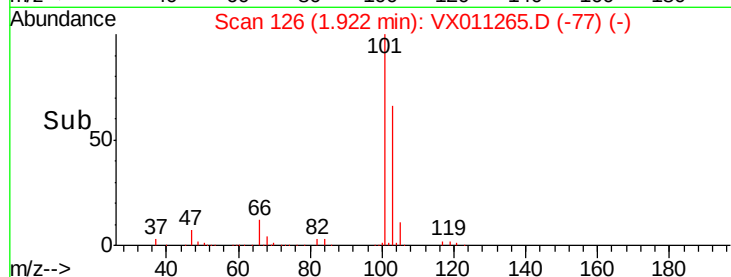
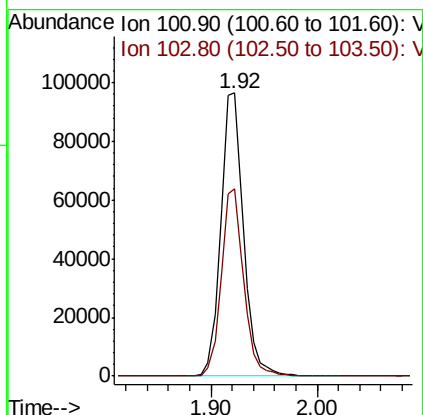
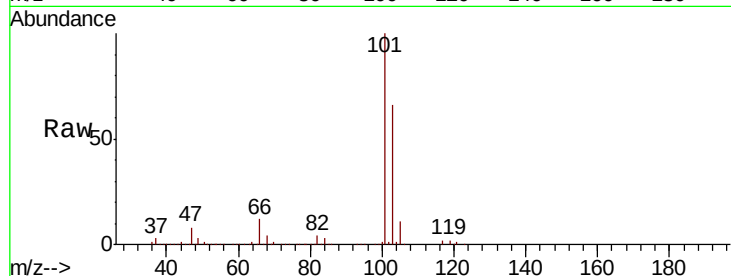


#7

Trichlorofluoromethane
Concen: 51.446 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
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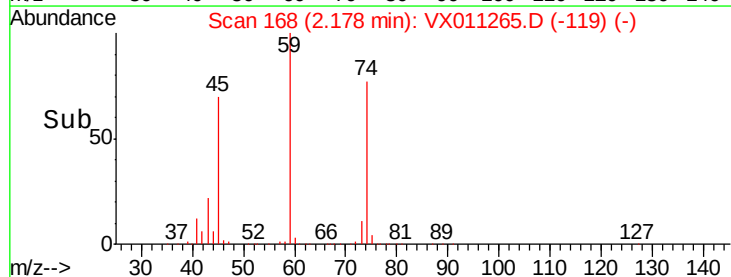
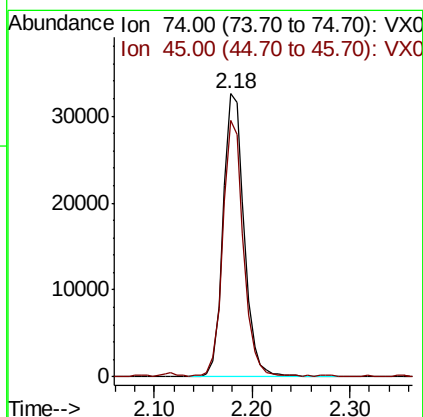
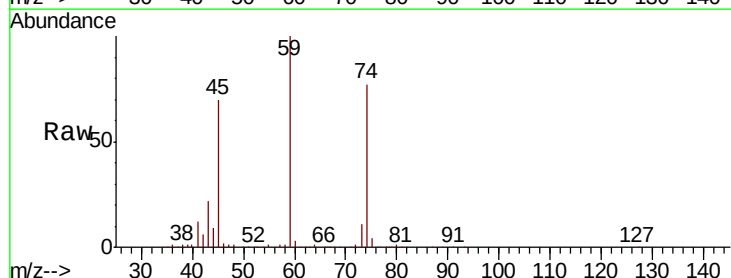
Tot Ion:101 Resp: 143691
Ion Ratio Lower Upper
101 100
103 66.1 50.9 76.3

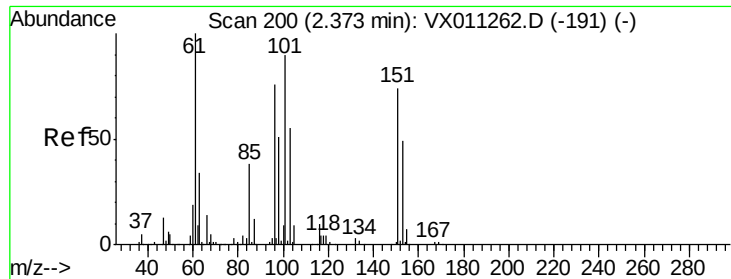


#8

Diethyl Ether
Concen: 48.792 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 74 Resp: 48662
Ion Ratio Lower Upper
74 100
45 87.4 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.498 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

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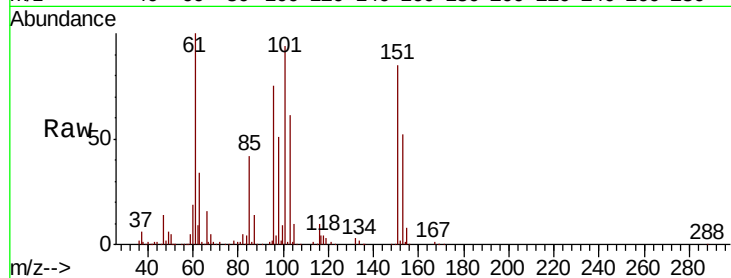
Tot Ion:101 Resp: 74805

Ion Ratio Lower Upper

101 100

85 42.9 33.8 50.6

151 87.4 69.5 104.3

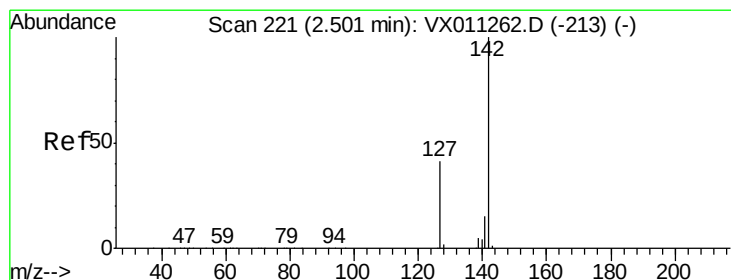
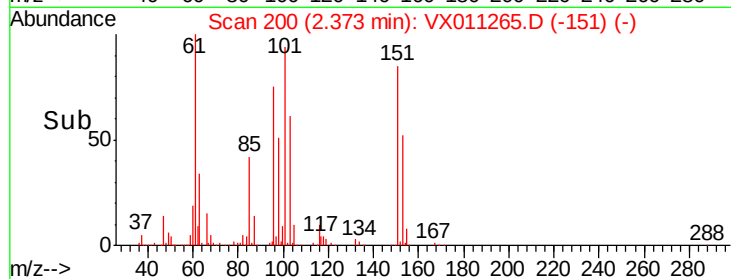
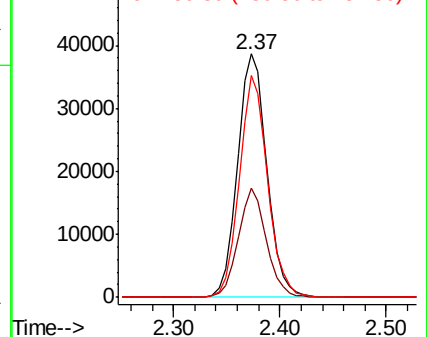


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.776 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

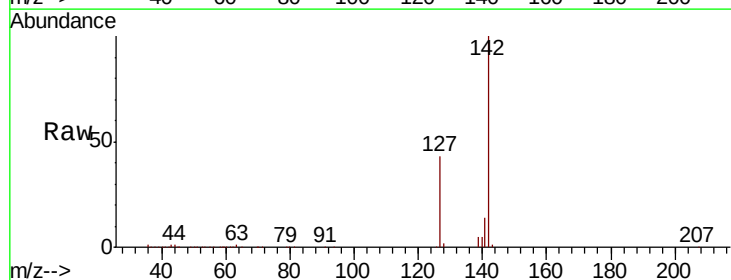
Tgt Ion:142 Resp: 87218

Ion Ratio Lower Upper

142 100

127 42.1 33.8 50.8

141 14.3 11.4 17.2

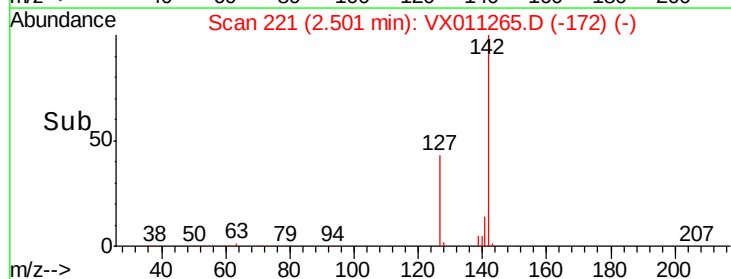
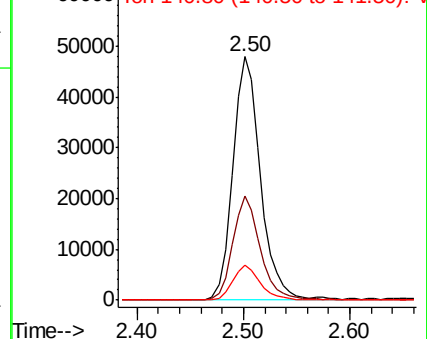


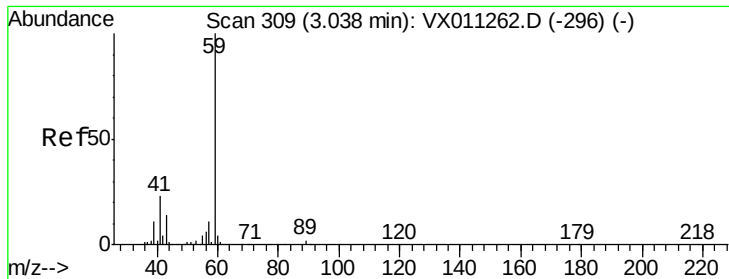
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



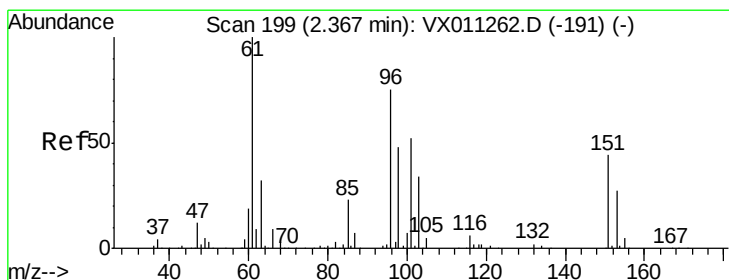
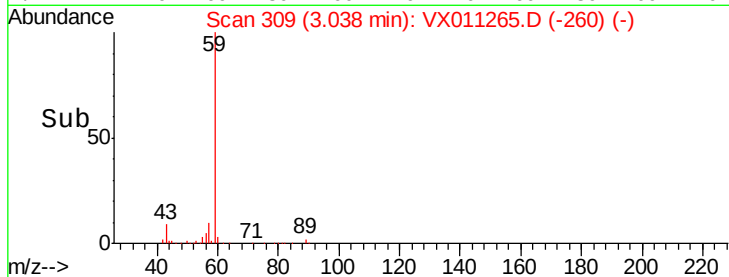
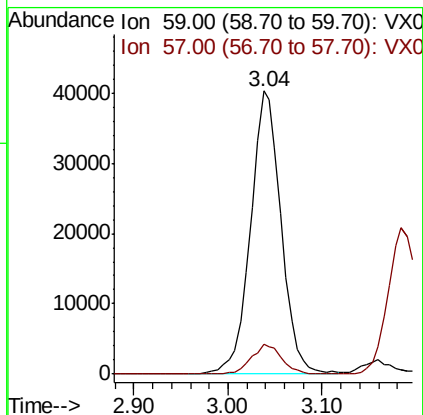
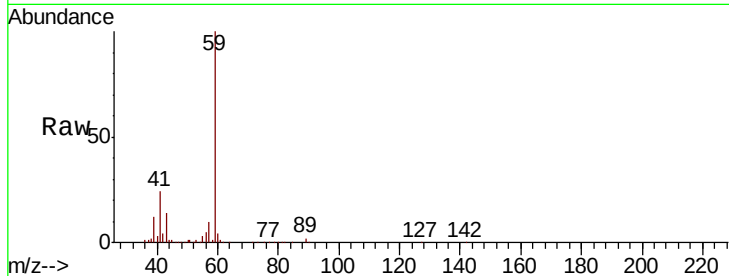


#11

Tert butyl alcohol
 Concen: 278.128 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

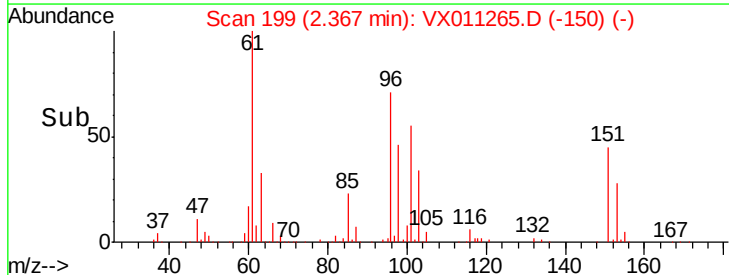
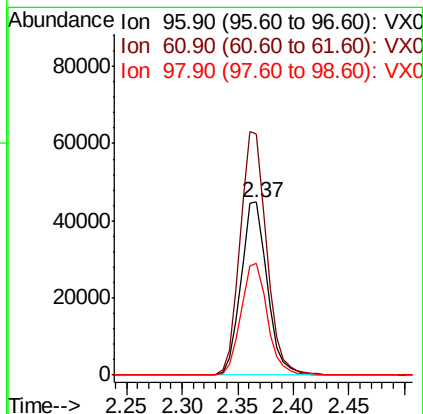
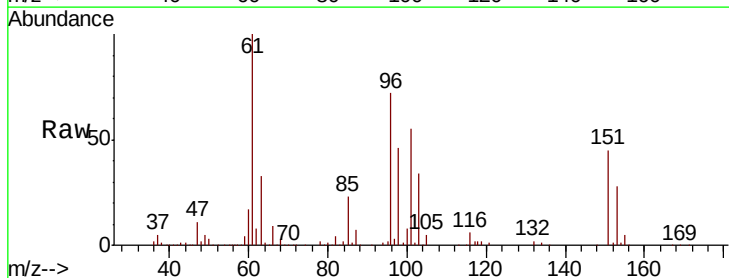
Tot Ion: 59 Resp: 91963
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

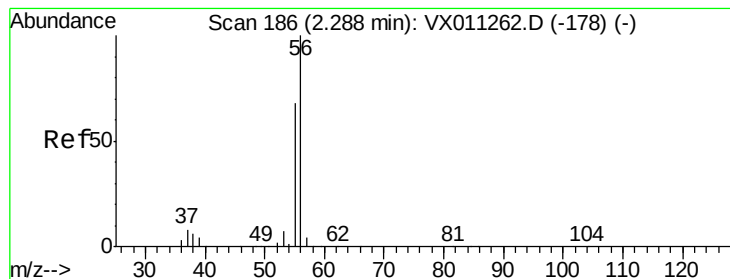


#12

1,1-Dichloroethene
 Concen: 49.030 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 96 Resp: 73451
 Ion Ratio Lower Upper
 96 100
 61 139.8 106.2 159.2
 98 64.8 50.6 75.8





#13

Acrolein

Concen: 244.853 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

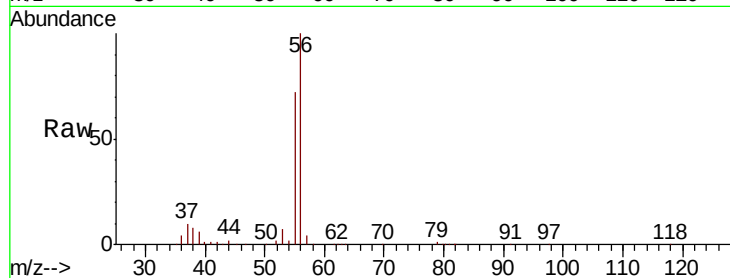
ICVVX080119

Tot Ion: 56 Resp: 50315

Ion Ratio Lower Upper

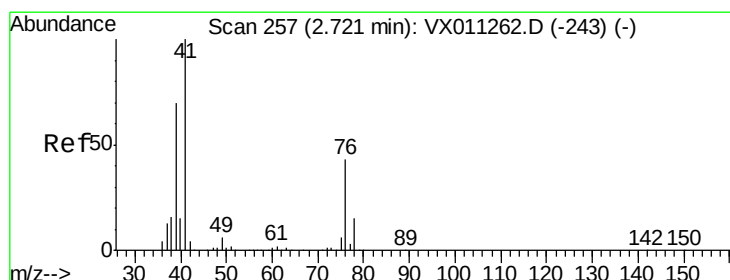
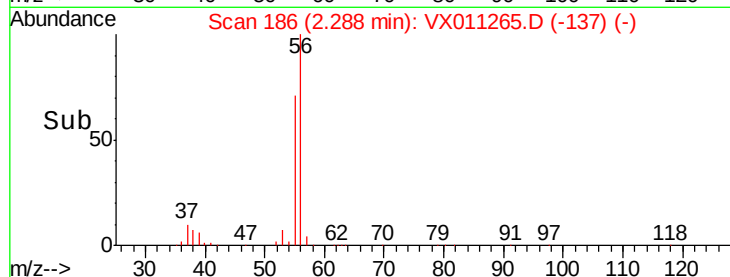
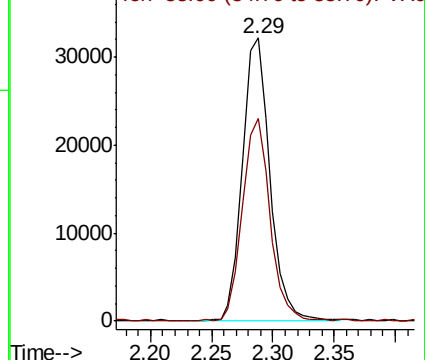
56 100

55 72.0 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.025 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

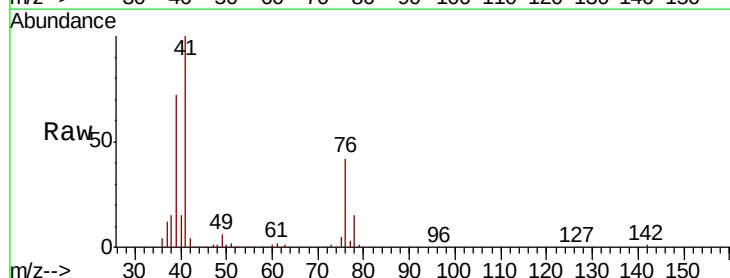
Tgt Ion: 41 Resp: 105898

Ion Ratio Lower Upper

41 100

39 65.9 52.8 79.2

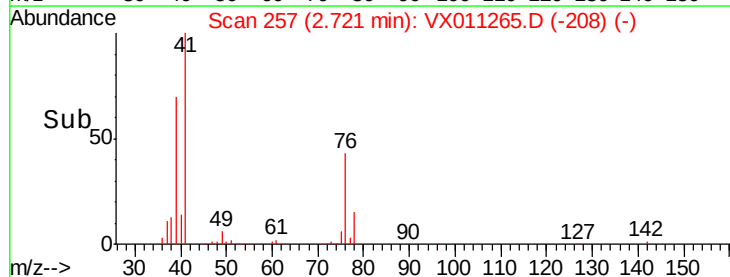
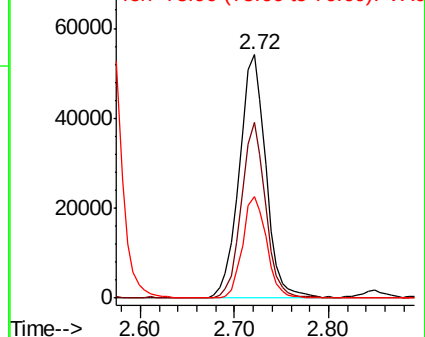
76 38.2 31.1 46.7

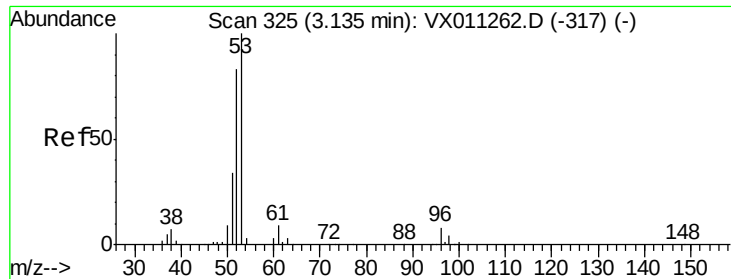


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 256.907 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

ICVVX080119

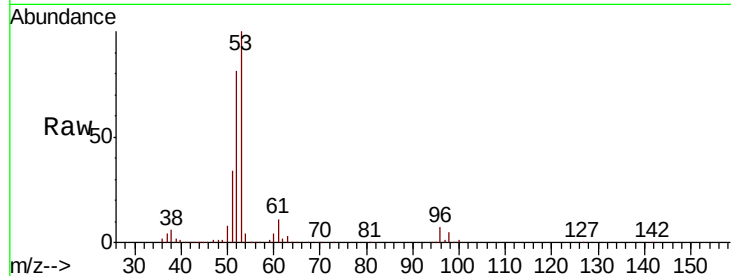
Tot Ion: 53 Resp: 202708

Ion Ratio Lower Upper

53 100

52 82.8 65.5 98.3

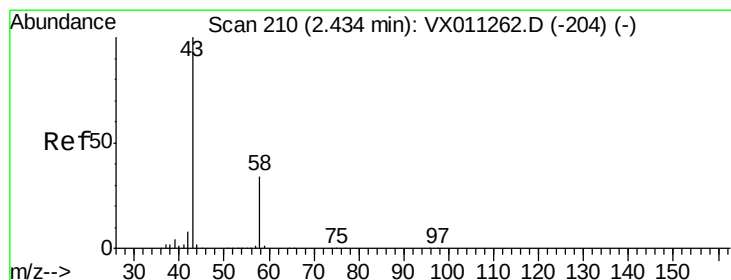
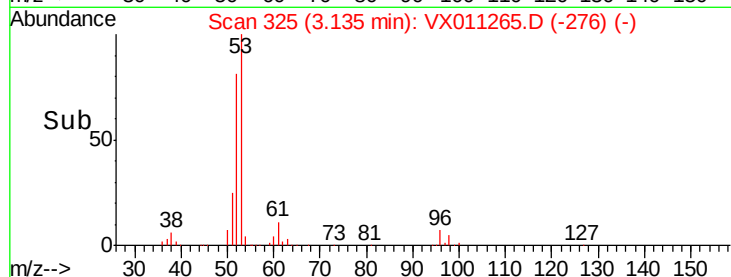
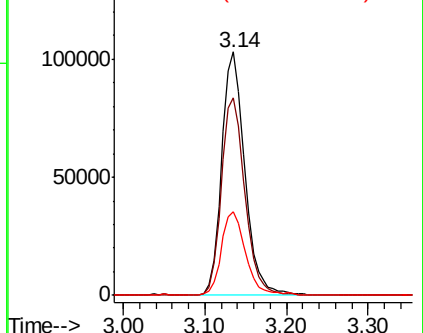
51 36.1 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.806 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011265.D

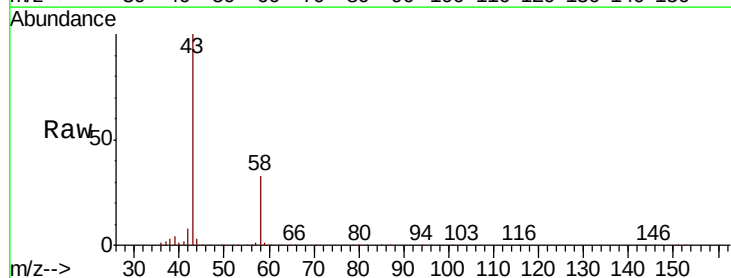
Acq: 01 Aug 2019 17:23

Tgt Ion: 43 Resp: 183741

Ion Ratio Lower Upper

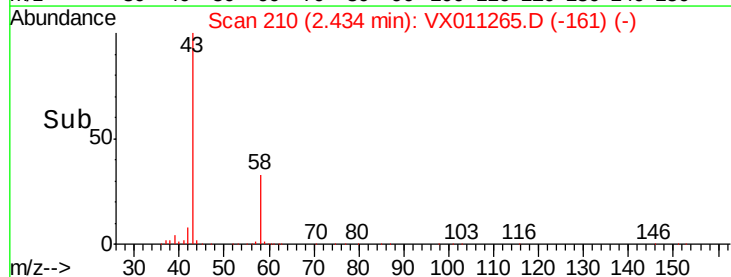
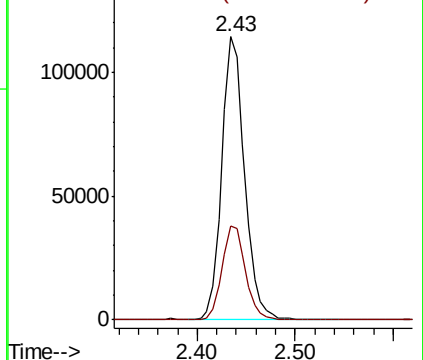
43 100

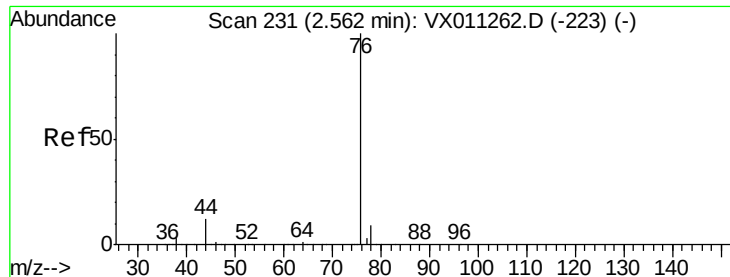
58 33.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

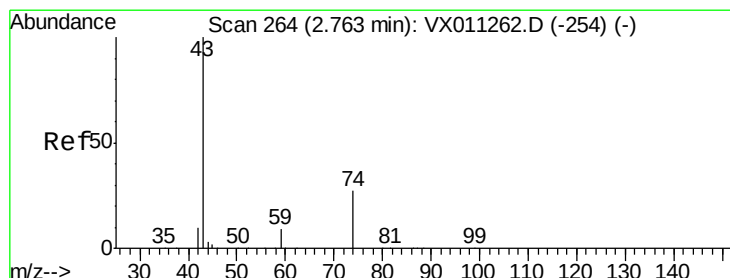
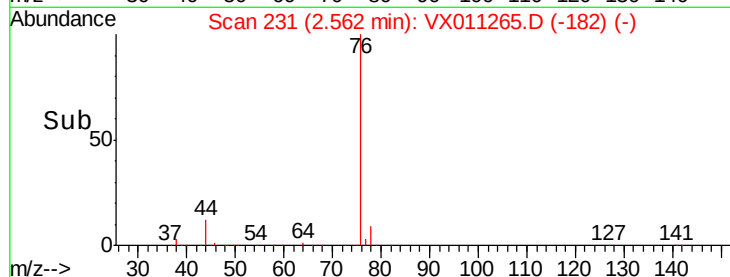
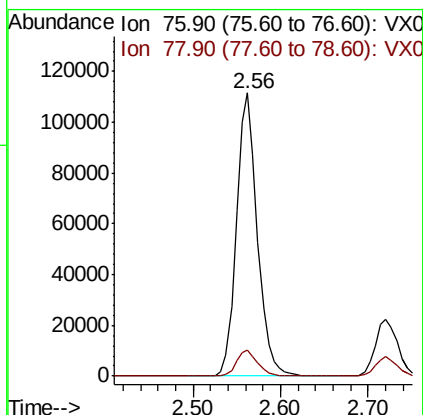
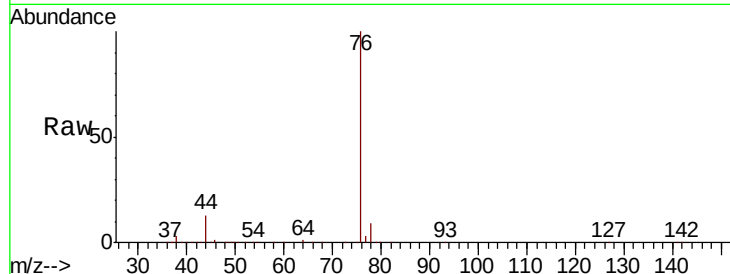




#17
Carbon Disulfide
Concen: 52.740 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

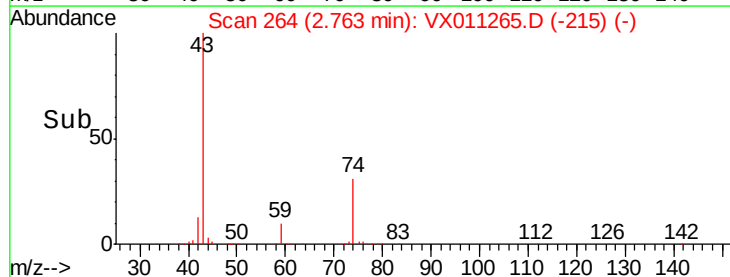
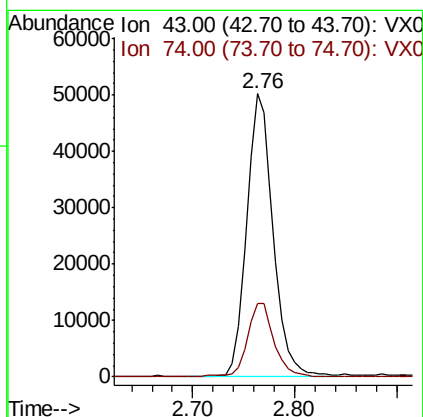
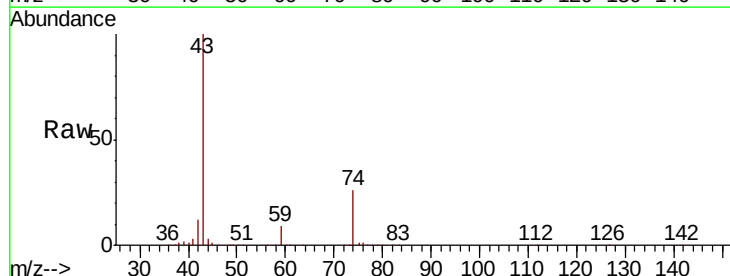
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

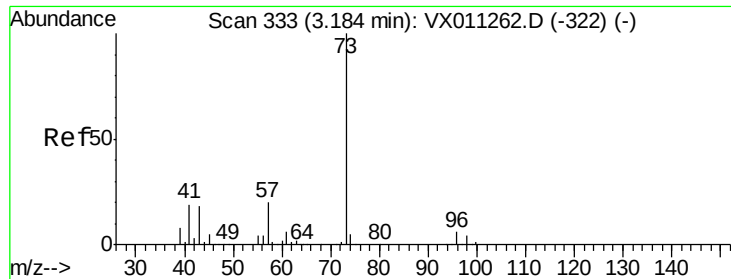
Tot Ion: 76 Resp: 185407
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 50.199 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 43 Resp: 90541
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6

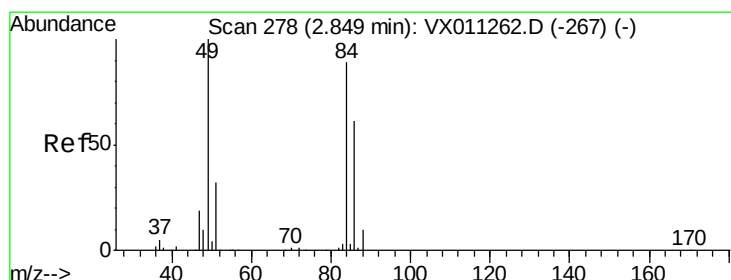
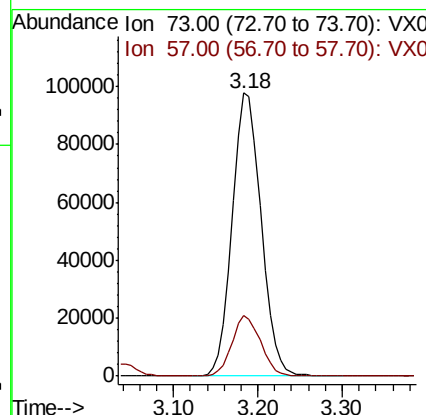
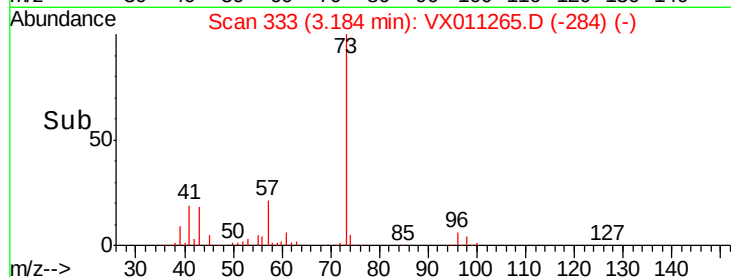
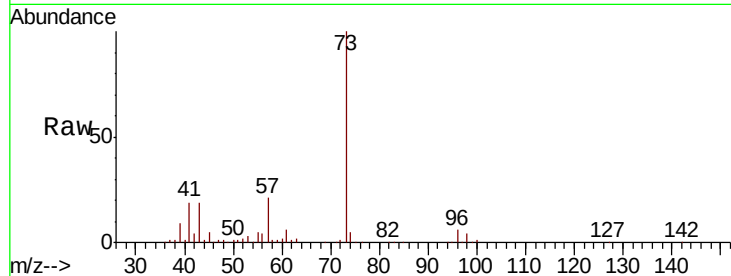




#19
Methyl tert-butyl Ether
Concen: 51.661 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

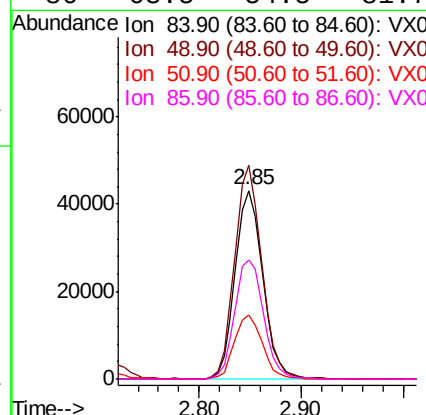
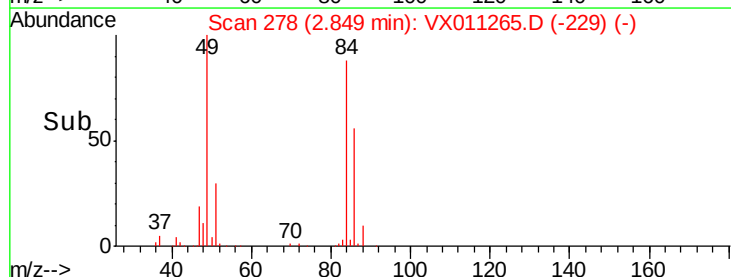
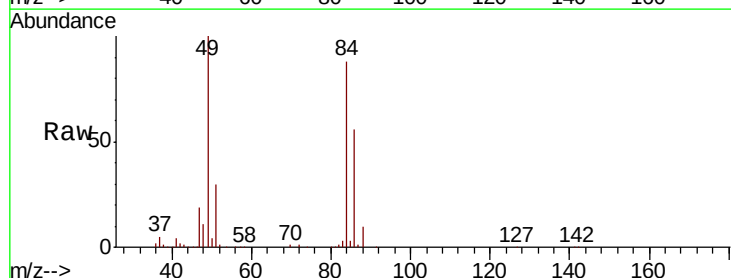
Instrument :
MSVOA_X
ClientSampled :
ICVVX080119

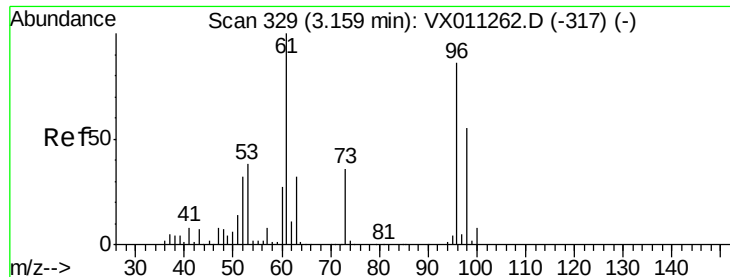
Tot Ion: 73 Resp: 228070
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.2



#20
Methylene Chloride
Concen: 47.009 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 84 Resp: 81255
Ion Ratio Lower Upper
84 100
49 113.2 89.3 133.9
51 34.2 28.3 42.5
86 63.5 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.758 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

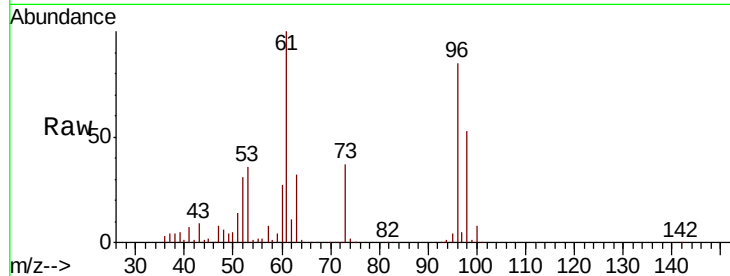
Tot Ion: 96 Resp: 78852

Ion Ratio Lower Upper

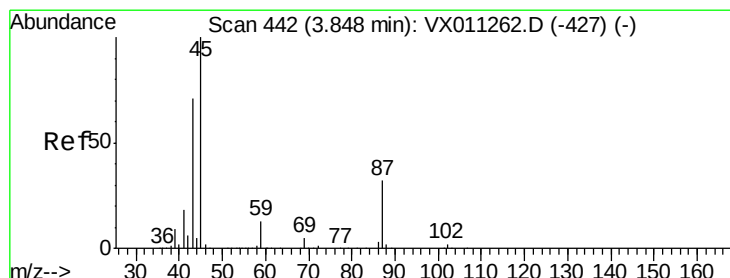
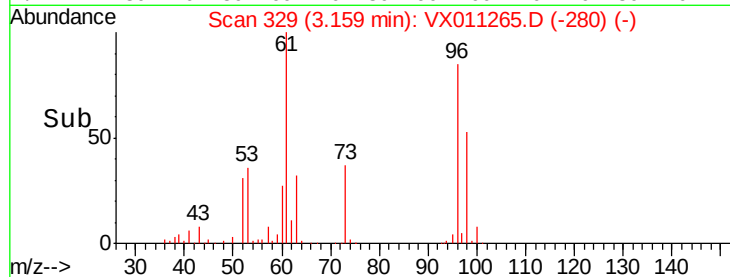
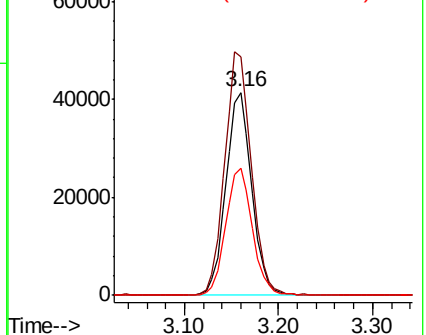
96 100

61 117.4 92.8 139.2

98 62.5 51.2 76.8



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



#22

Diisopropyl ether

Concen: 50.679 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion: 45 Resp: 222449

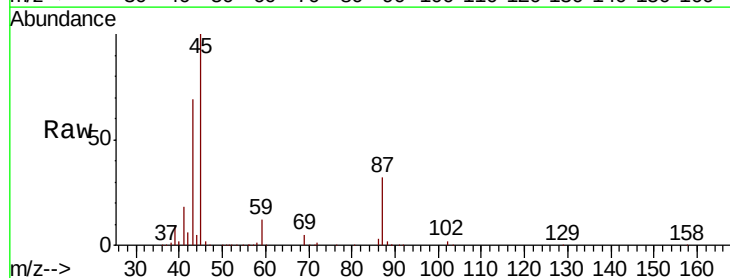
Ion Ratio Lower Upper

45 100

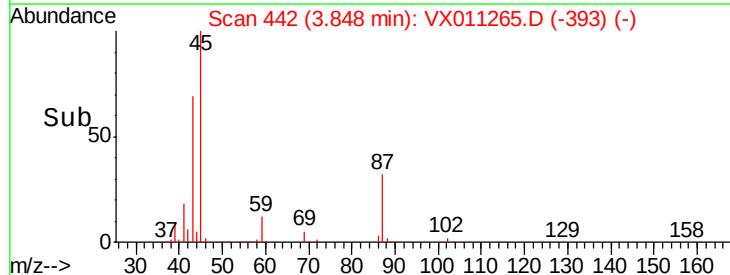
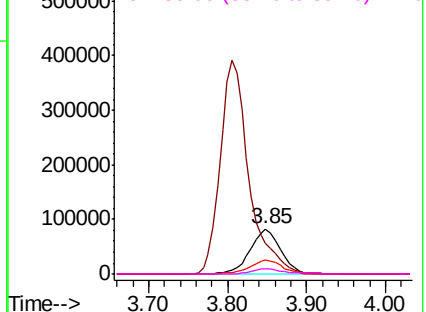
43 69.2 56.8 85.2

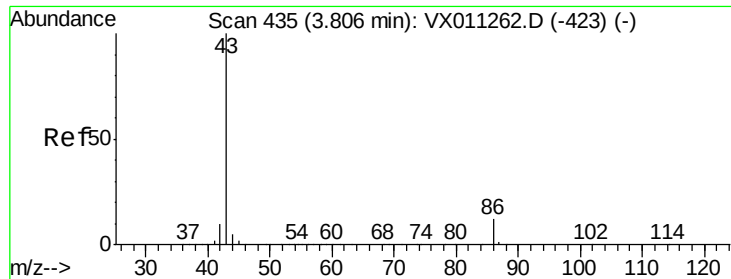
87 32.1 25.8 38.6

59 11.5 10.3 15.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 272.884 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

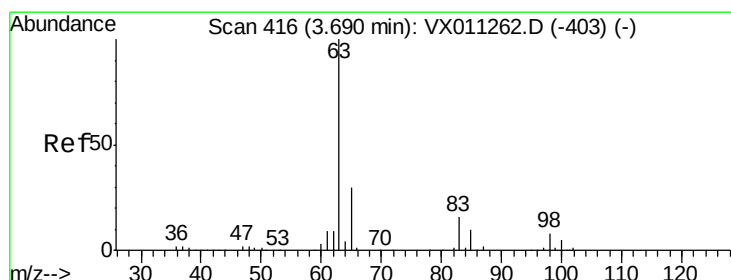
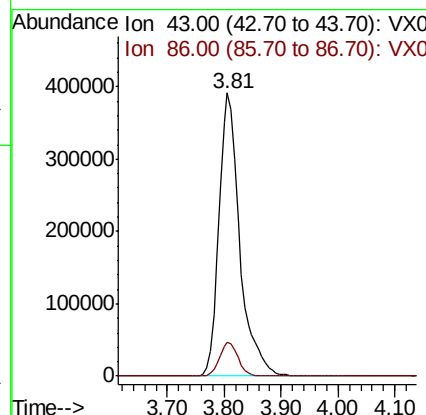
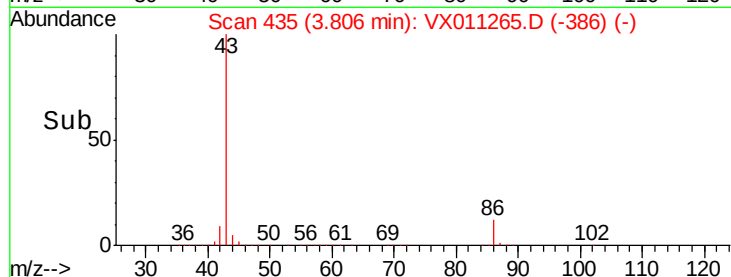
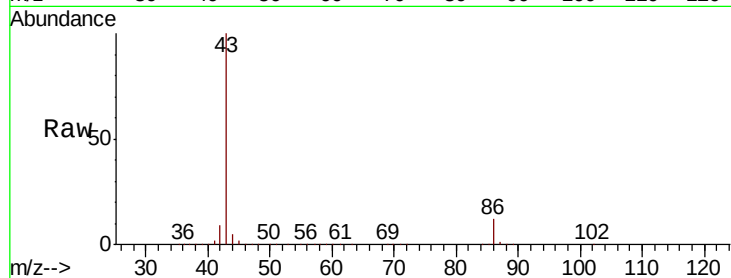
ICVVX080119

Tot Ion: 43 Resp: 993456

Ion Ratio Lower Upper

43 100

86 11.8 9.6 14.4



#24

1,1-Dichloroethane

Concen: 49.519 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

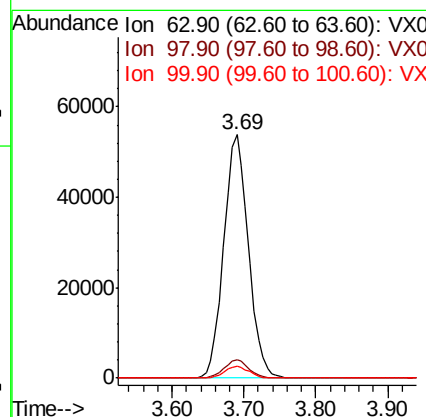
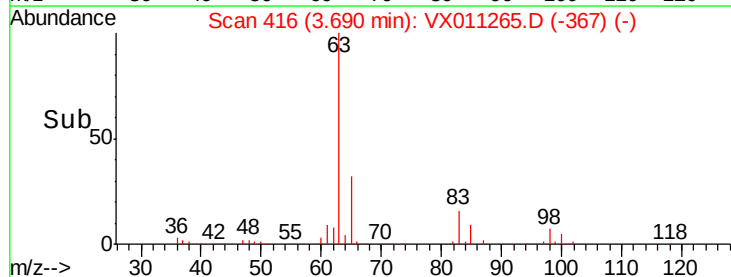
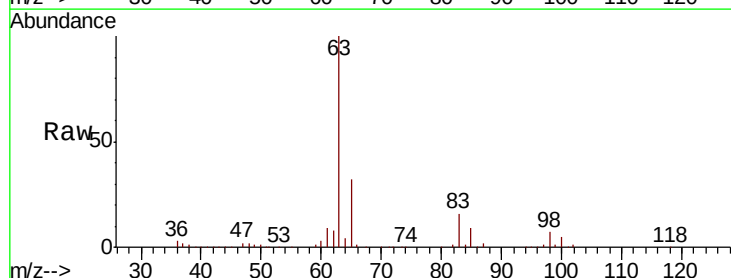
Tgt Ion: 63 Resp: 128167

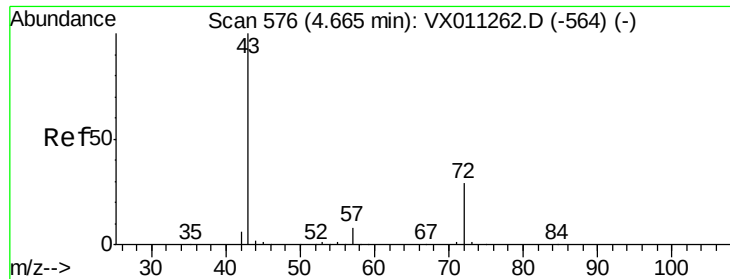
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.7 2.7 8.1





#25

2-Butanone

Concen: 253.536 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

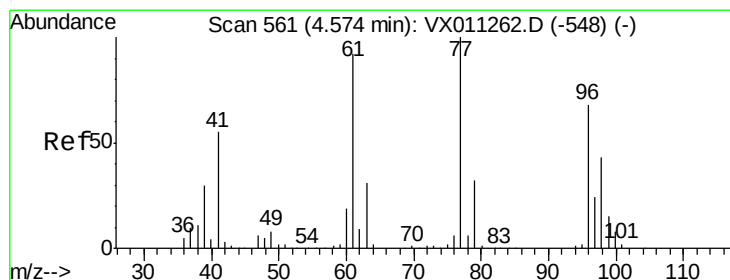
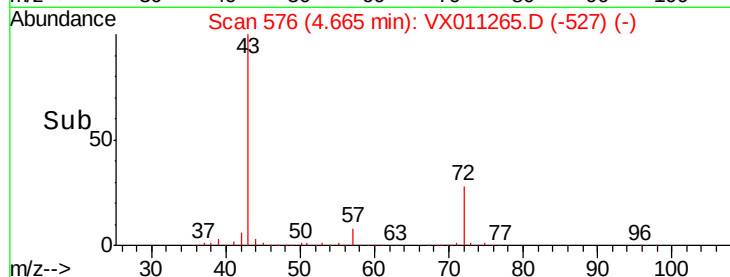
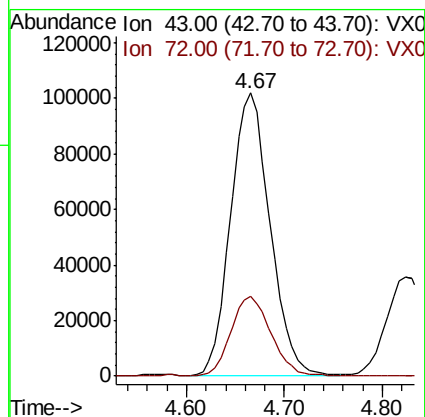
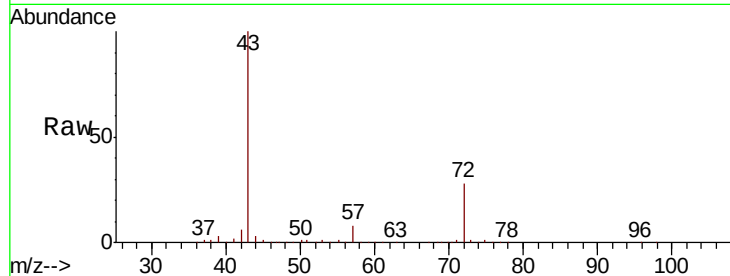
ICVVX080119

Tot Ion: 43 Resp: 284645

Ion Ratio Lower Upper

43 100

72 28.3 23.2 34.8



#26

2,2-Dichloropropane

Concen: 52.428 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011265.D

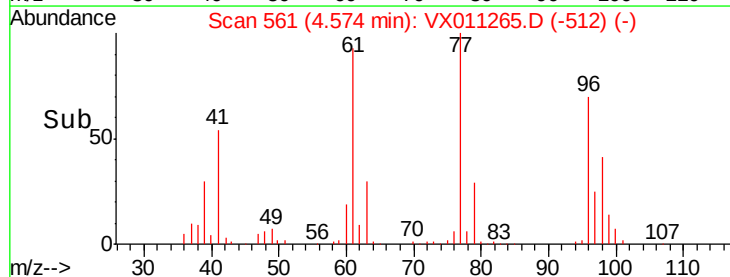
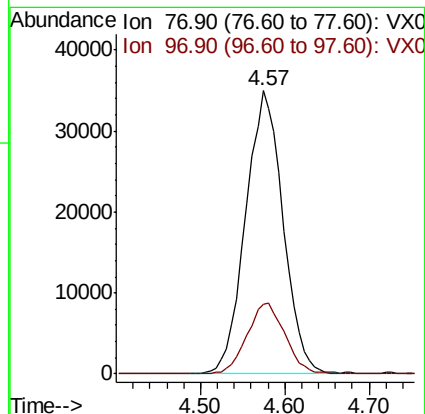
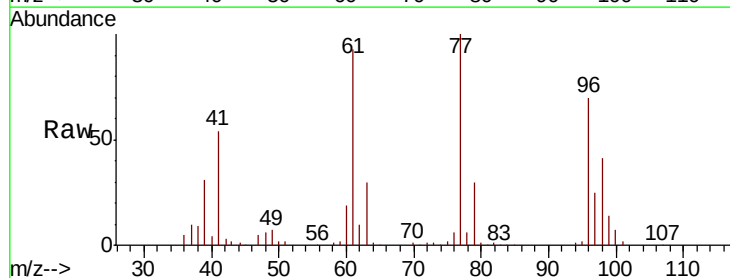
Acq: 01 Aug 2019 17:23

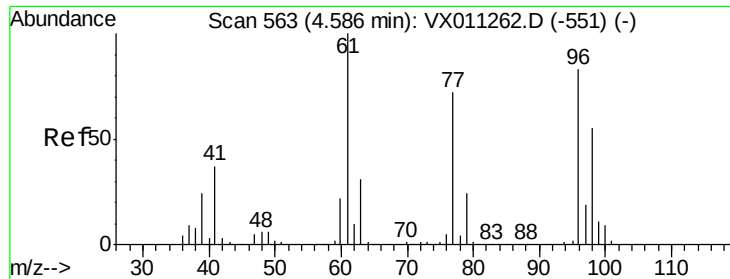
Tgt Ion: 77 Resp: 105484

Ion Ratio Lower Upper

77 100

97 25.4 12.8 38.4



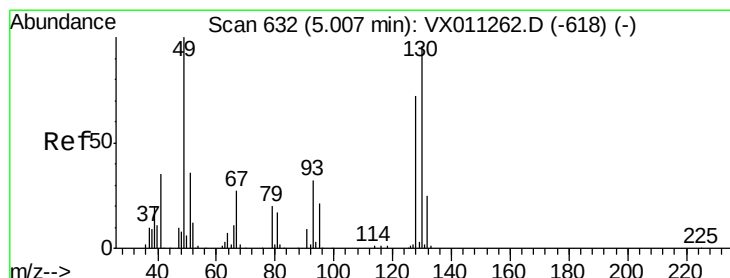
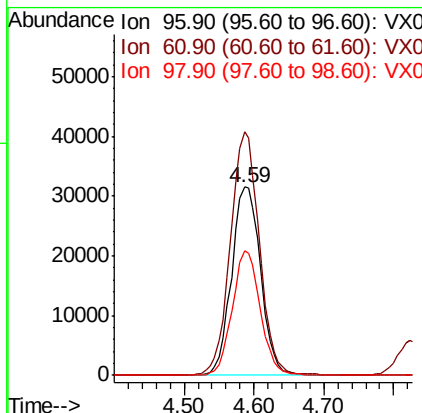
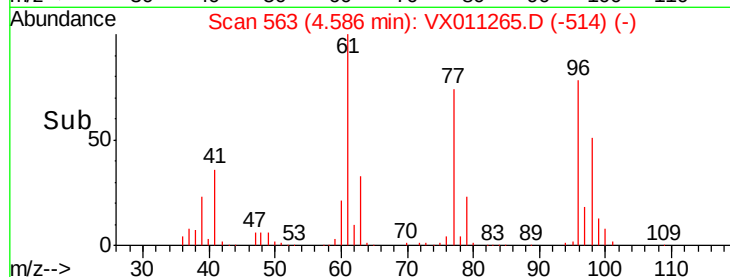
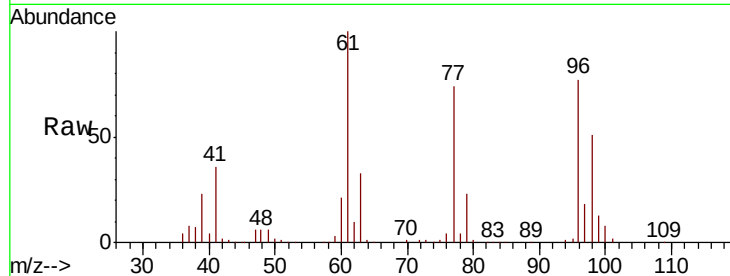


#27

cis-1,2-Dichloroethene
Concen: 49.800 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

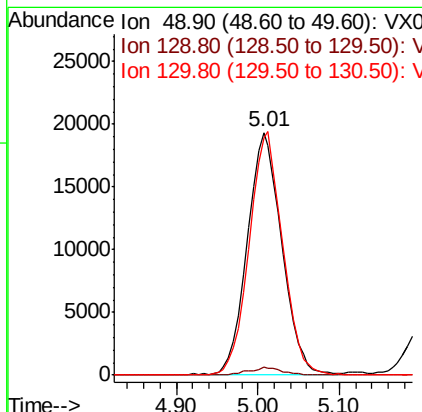
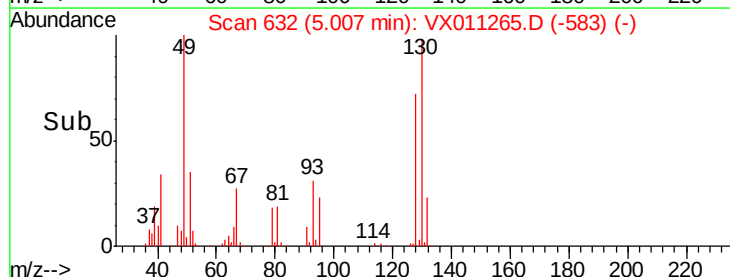
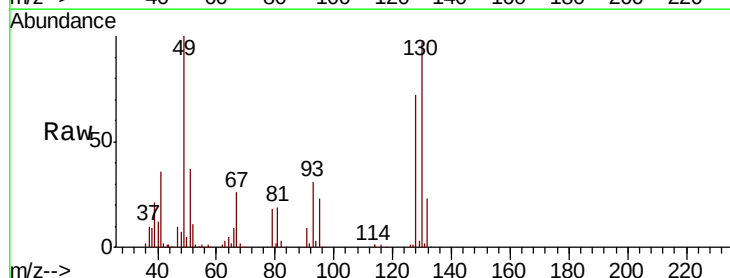
Tot Ion	96	Resp	90900
Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	260.2
98	63.7	0.0	133.2

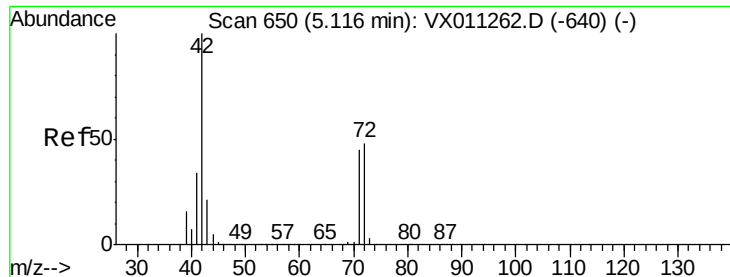


#28

Bromochloromethane
Concen: 48.405 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	49	Resp	57115
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.8
130	96.9	77.9	116.9





#29

Tetrahydrofuran

Concen: 254.696 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

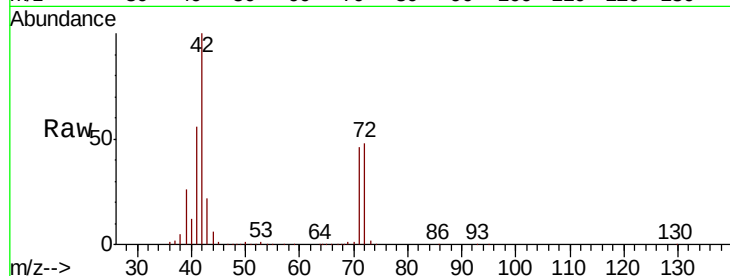
Tot Ion: 42 Resp: 175328

Ion Ratio Lower Upper

42 100

72 50.4 39.9 59.9

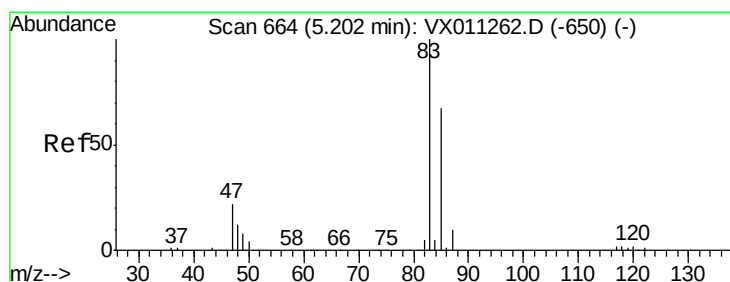
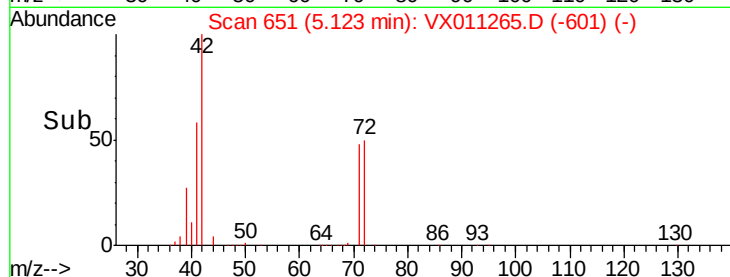
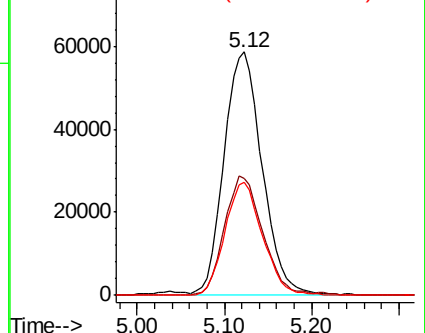
71 46.3 36.9 55.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.789 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011265.D

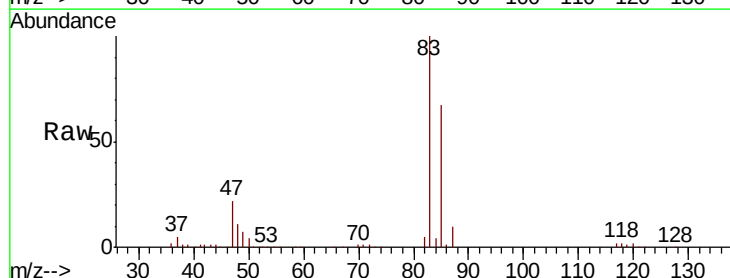
Acq: 01 Aug 2019 17:23

Tgt Ion: 83 Resp: 140059

Ion Ratio Lower Upper

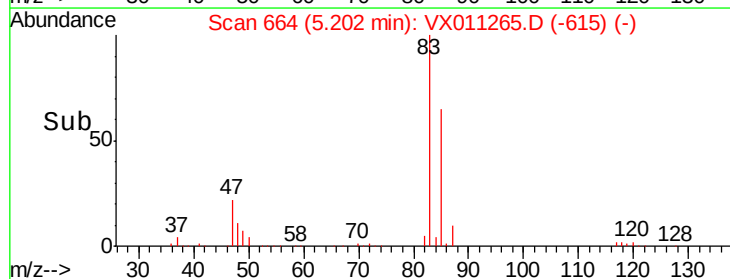
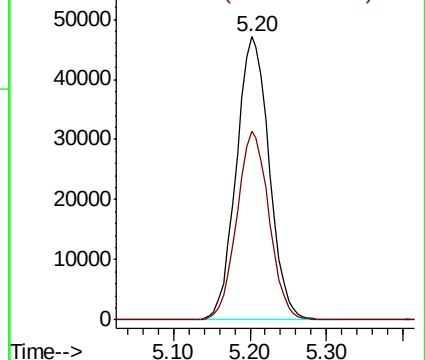
83 100

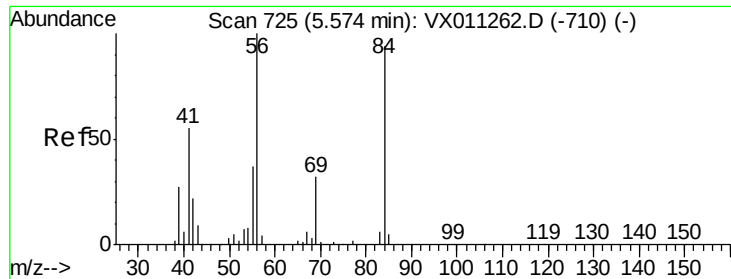
85 66.6 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

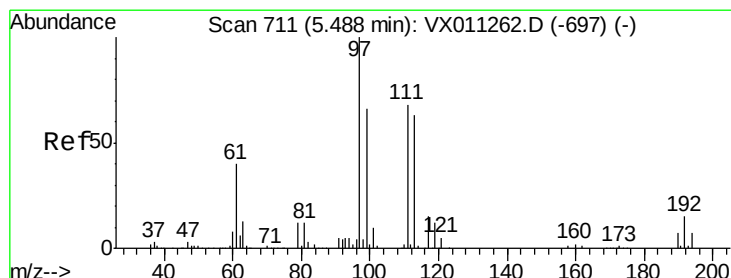
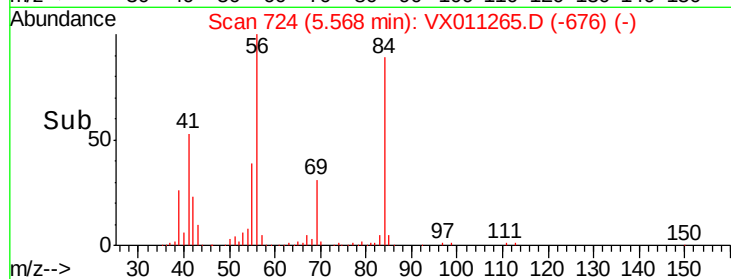
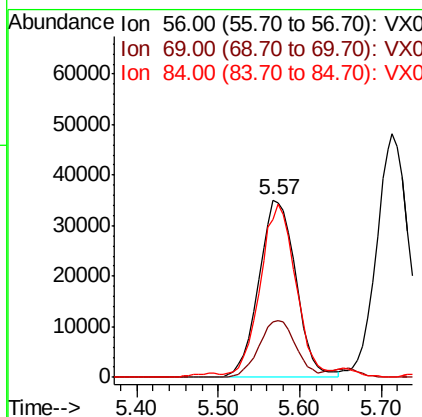
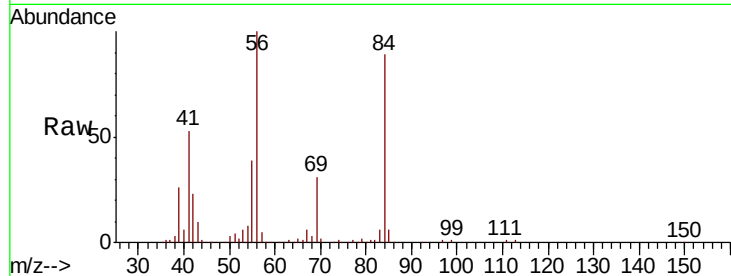




#31
Cyclohexane
Concen: 51.999 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

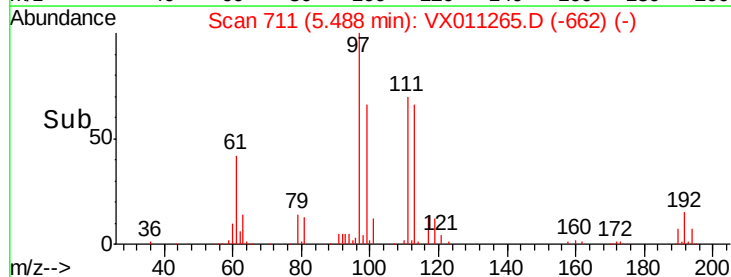
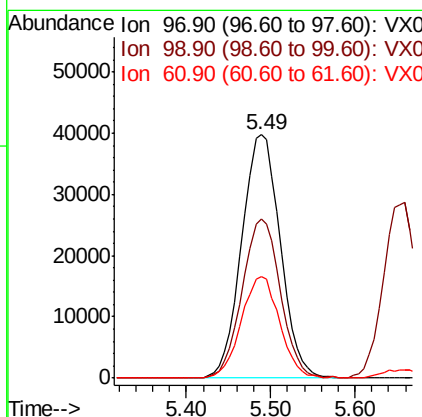
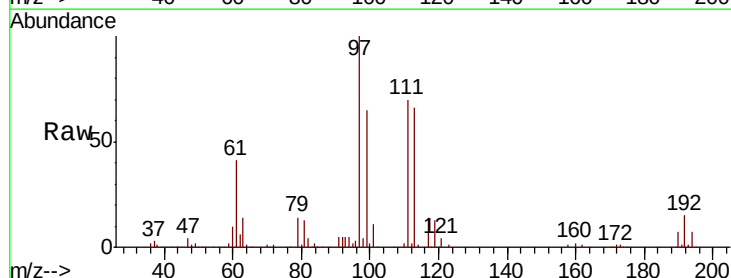
Instrument :
MSVOA_X
ClientSampleId :
ICV080119

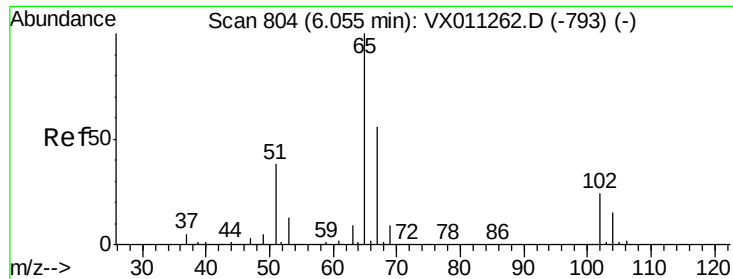
Tot Ion	56	Resp	111036
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.5	38.3
84	87.7	75.0	112.4



#32
1,1,1-Trichloroethane
Concen: 51.410 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	97	Resp	123887
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	41.4	32.3	48.5

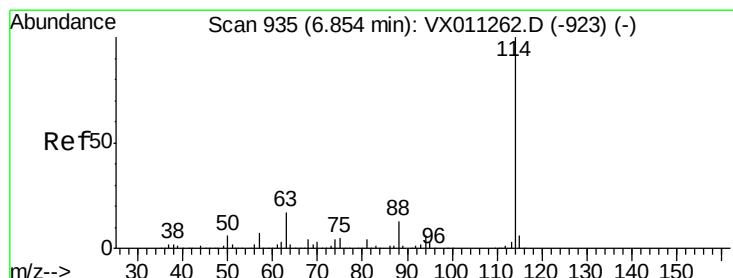
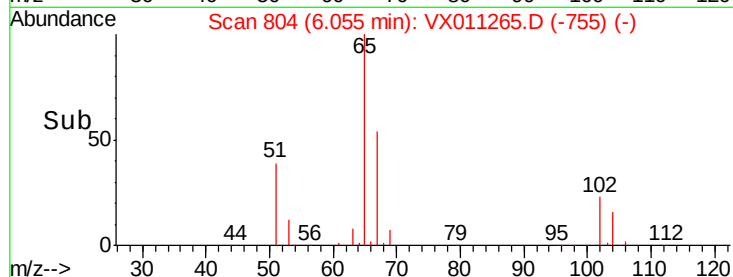
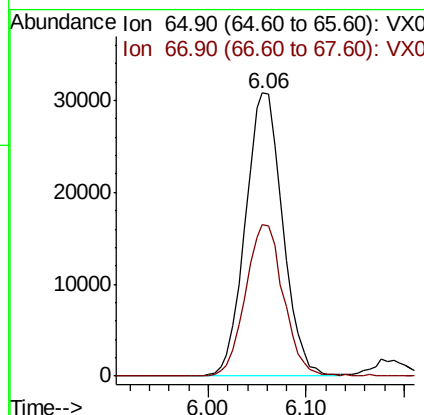
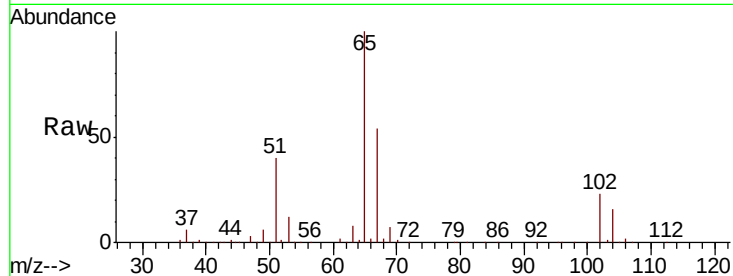




#33
 1,2-Dichloroethane-d4
 Concen: 49.211 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

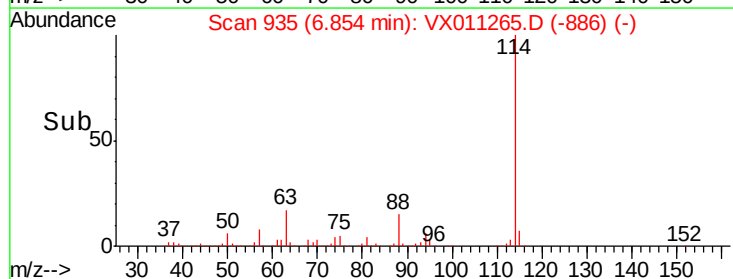
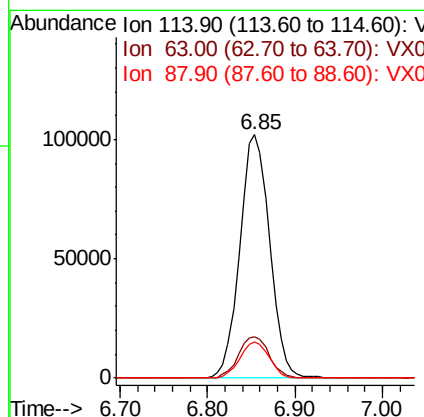
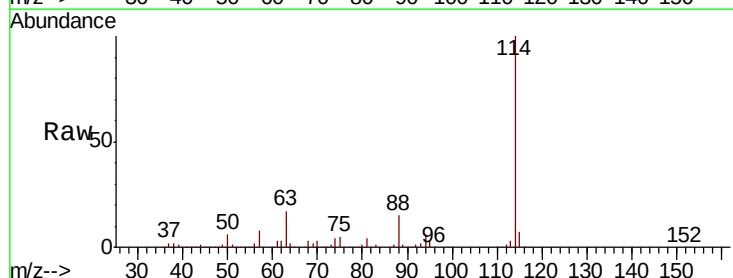
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

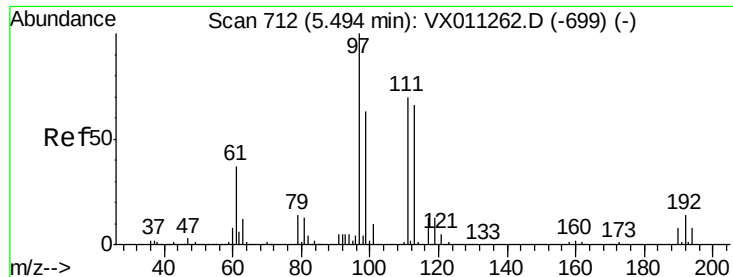
Tot Ion: 65 Resp: 81599
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 114 Resp: 242639
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.0
 88 14.7 0.0 26.4





#35

Dibromofluoromethane

Concen: 48.217 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

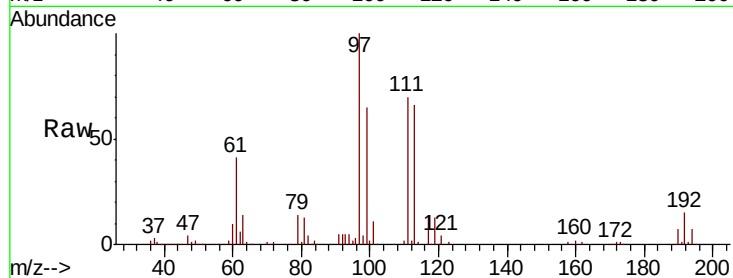
Tot Ion:113 Resp: 76382

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

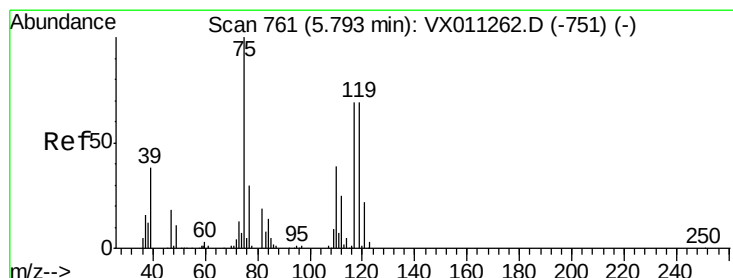
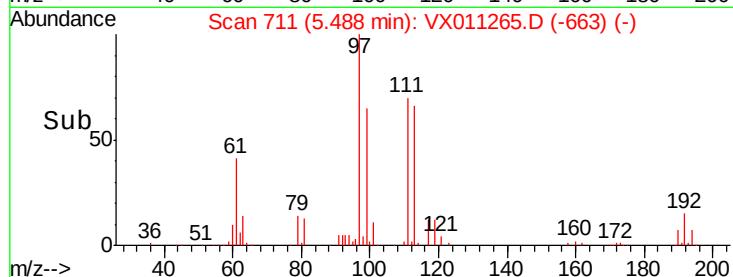
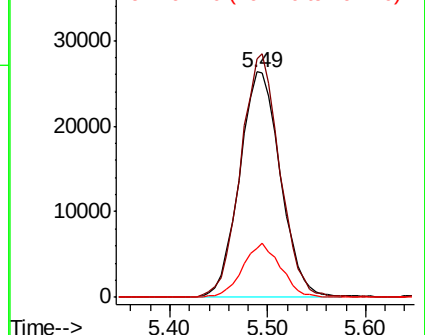
192 22.5 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.391 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

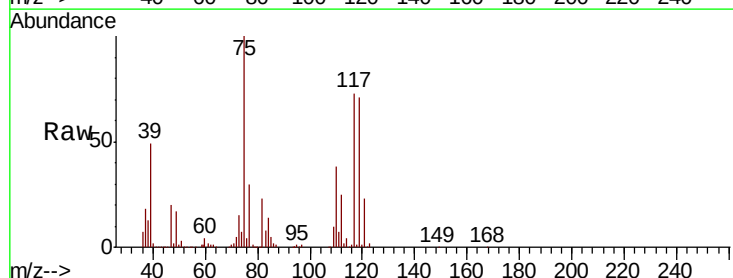
Tgt Ion: 75 Resp: 102515

Ion Ratio Lower Upper

75 100

110 39.9 20.0 59.9

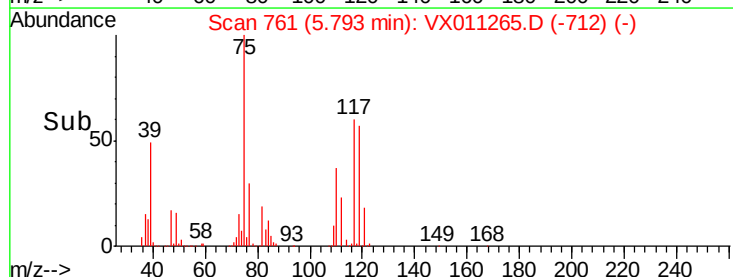
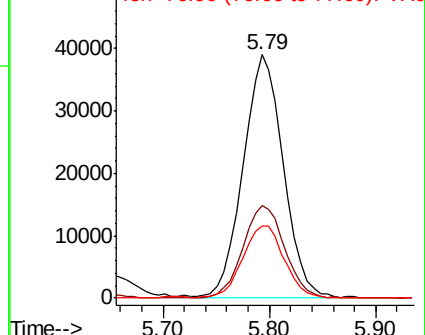
77 31.1 24.8 37.2

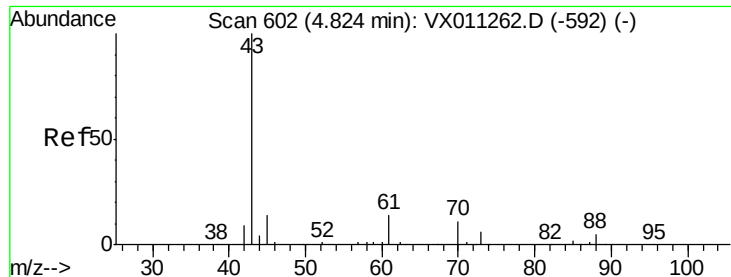


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

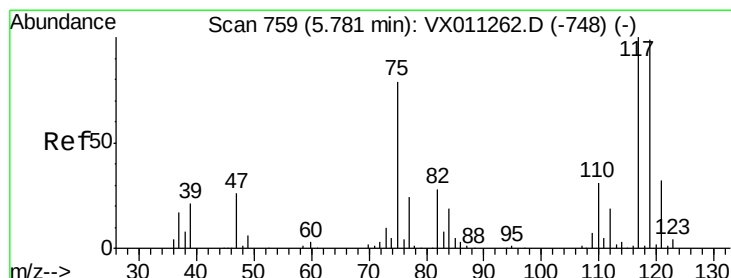
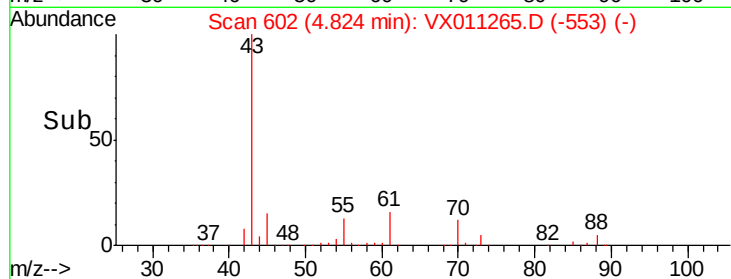
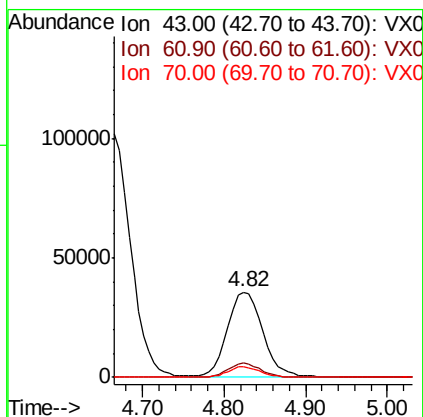
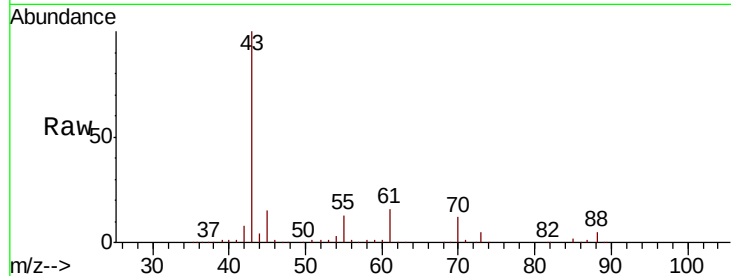




#37
Ethyl Acetate
Concen: 50.047 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

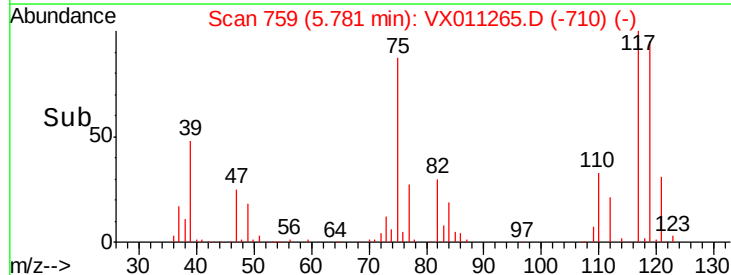
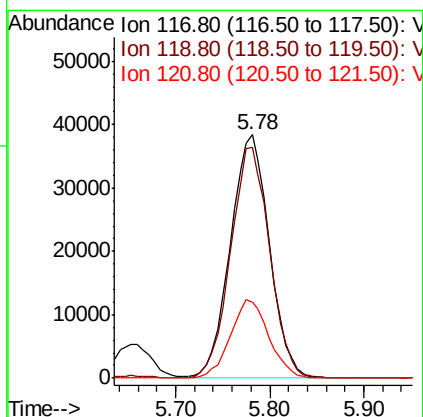
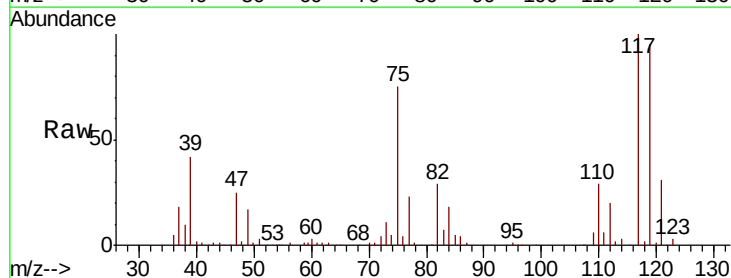
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

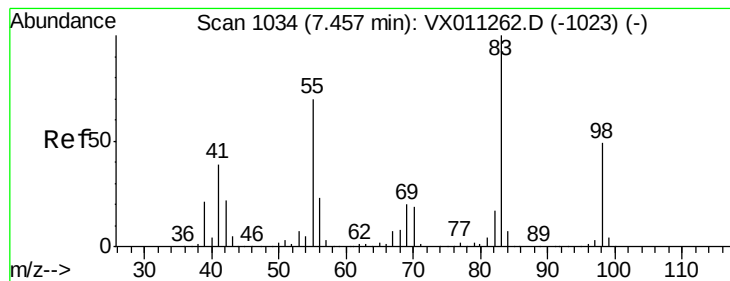
Tot Ion	43	Resp	106348
Ion Ratio	Lower	Upper	
43	100		
61	15.6	12.6	18.8
70	11.7	9.1	13.7



#38
Carbon Tetrachloride
Concen: 52.063 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	117	Resp	110963
Ion Ratio	Lower	Upper	
117	100		
119	94.8	79.0	118.4
121	31.2	25.9	38.9





#39

Methylvlcyclohexane

Concen: 49.130 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

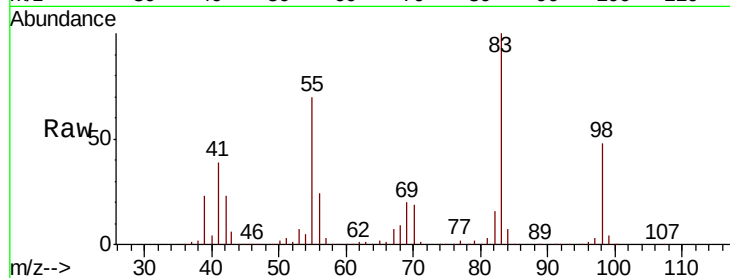
Tot Ion: 83 Resp: 123370

Ion Ratio Lower Upper

83 100

55 70.1 56.1 84.1

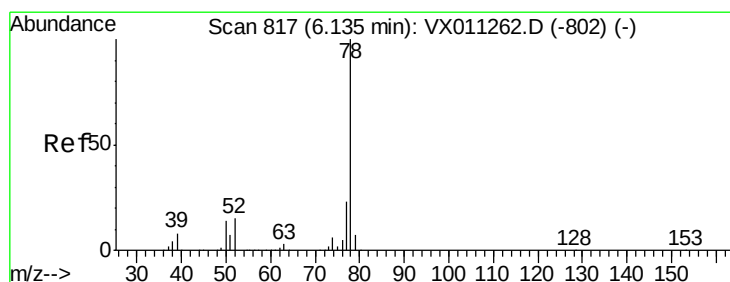
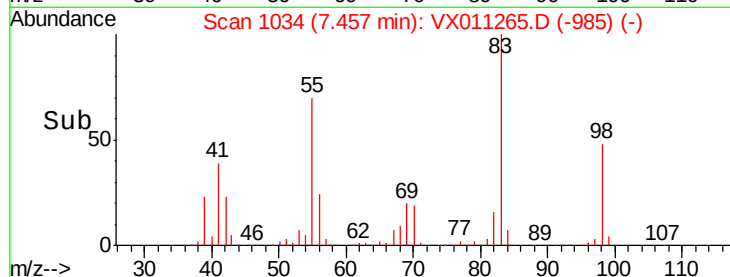
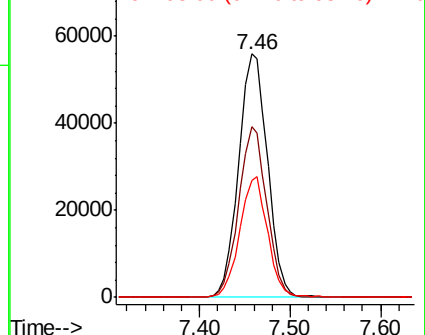
98 48.0 39.0 58.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.732 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011265.D

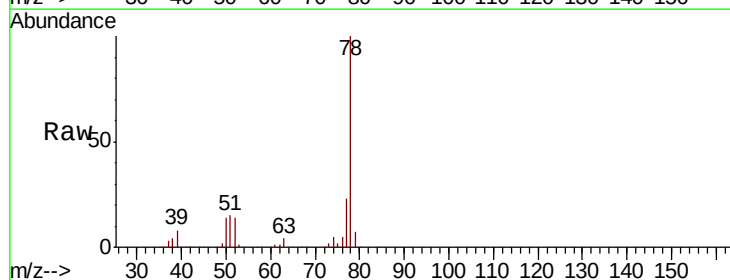
Acq: 01 Aug 2019 17:23

Tgt Ion: 78 Resp: 314391

Ion Ratio Lower Upper

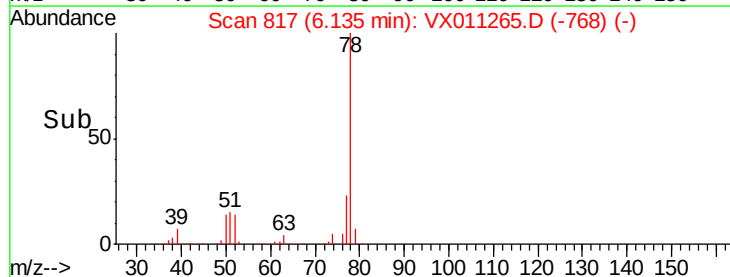
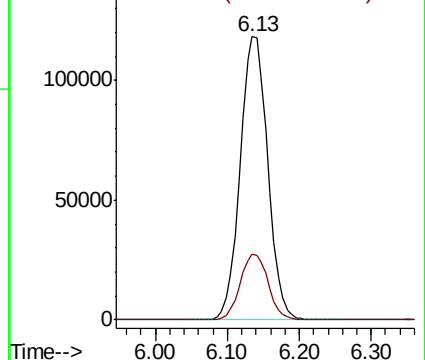
78 100

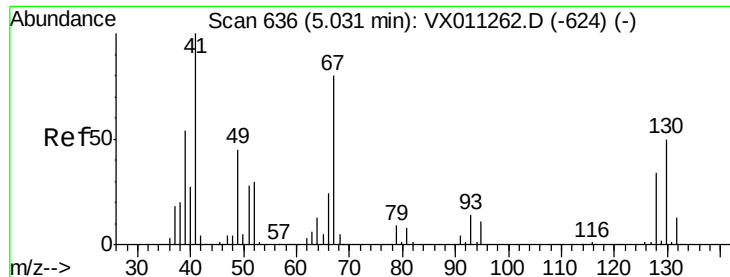
77 23.4 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.488 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tot Ion: 41 Resp: 56271

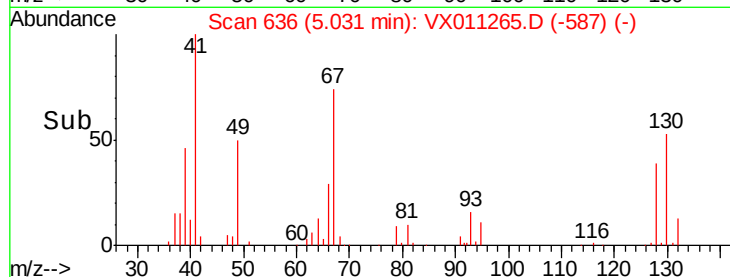
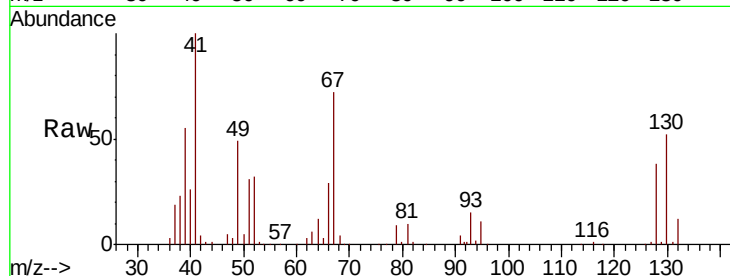
Ion Ratio Lower Upper

41 100

39 55.2 43.0 64.6

67 81.1 65.1 97.7

52 33.1 24.8 37.2



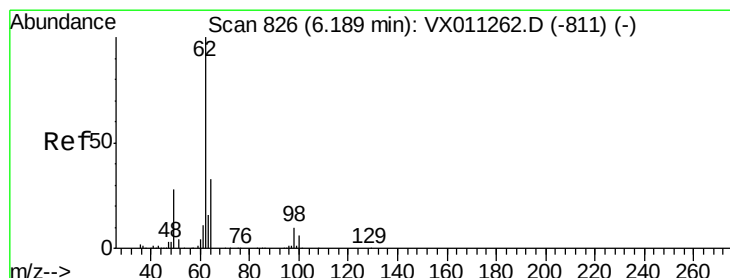
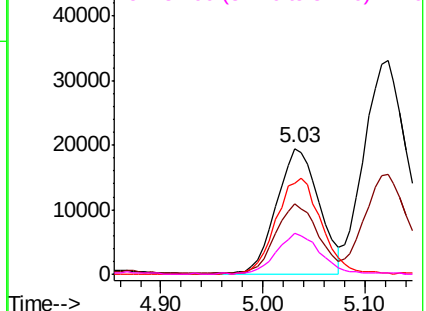
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.734 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011265.D

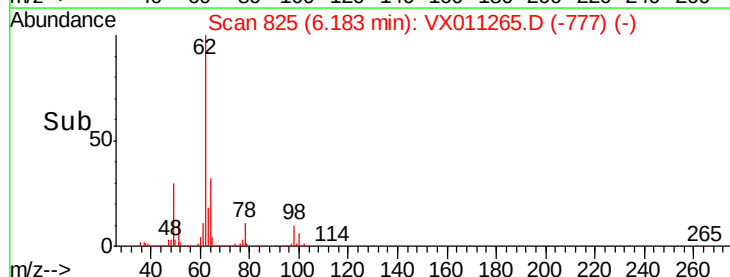
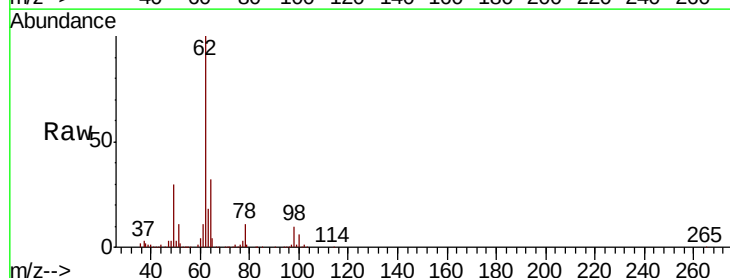
Acq: 01 Aug 2019 17:23

Tgt Ion: 62 Resp: 106315

Ion Ratio Lower Upper

62 100

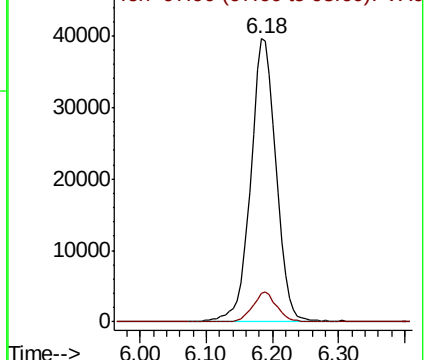
98 9.8 0.0 20.6

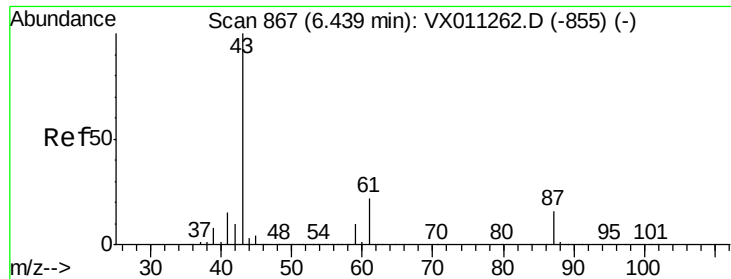


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.448 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

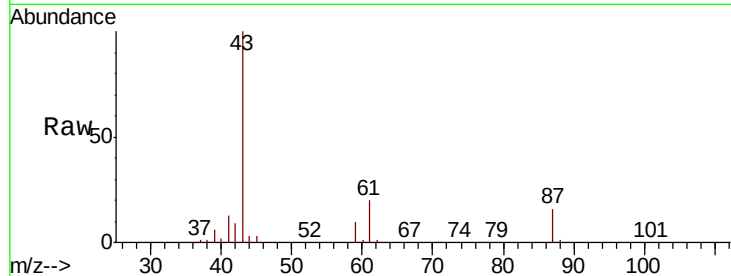
Tot Ion: 43 Resp: 171391

Ion Ratio Lower Upper

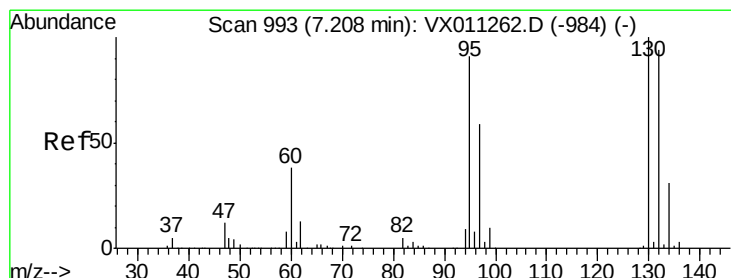
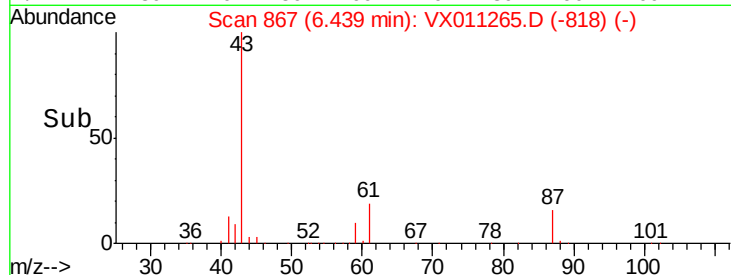
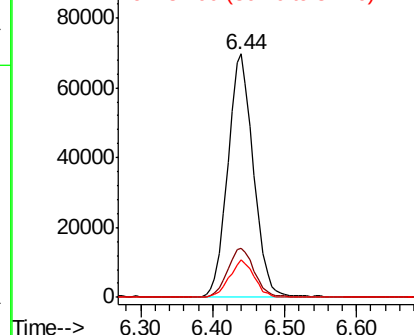
43 100

61 21.1 16.5 24.7

87 15.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.388 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011265.D

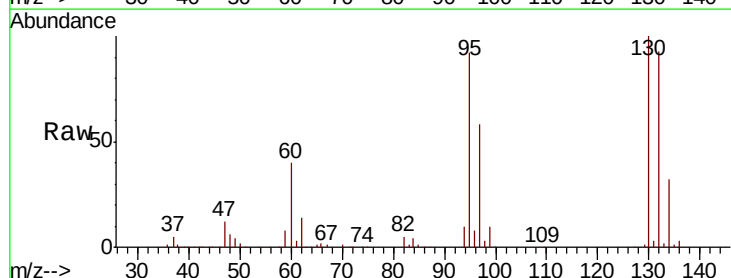
Acq: 01 Aug 2019 17:23

Tgt Ion:130 Resp: 92590

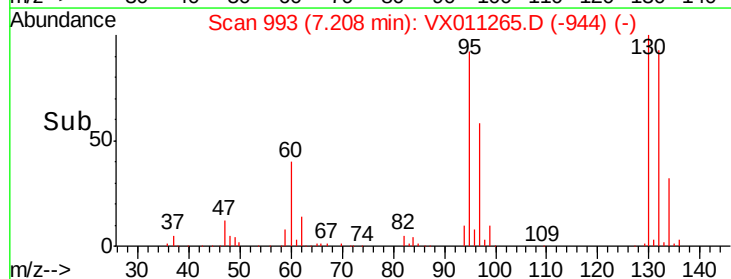
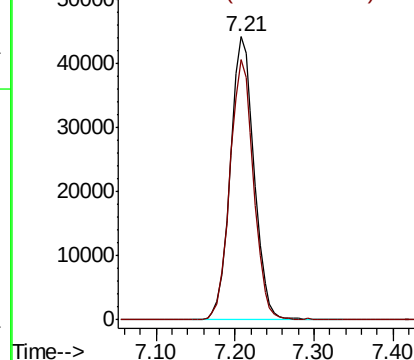
Ion Ratio Lower Upper

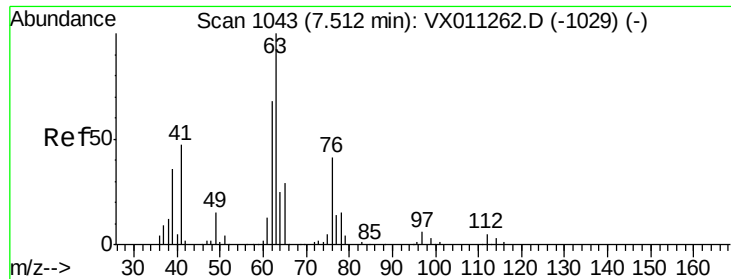
130 100

95 91.8 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

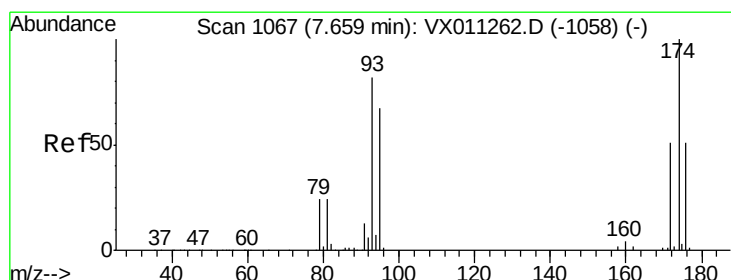
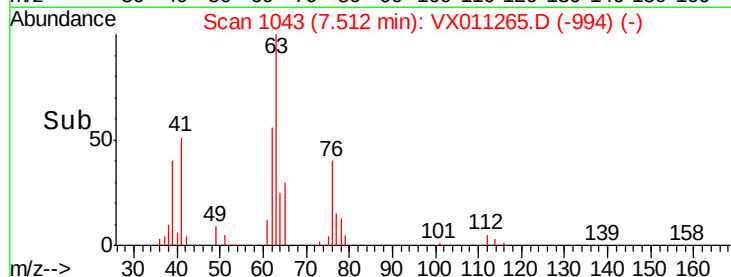
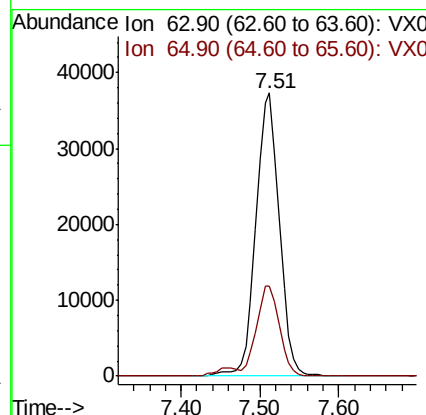
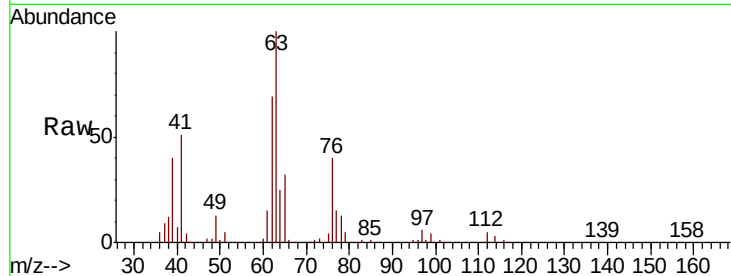




#45
 1,2-Dichloropropane
 Concen: 47.310 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

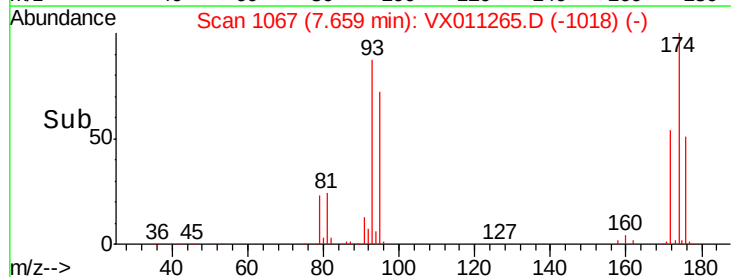
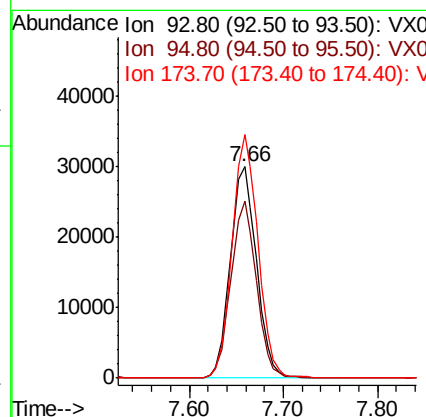
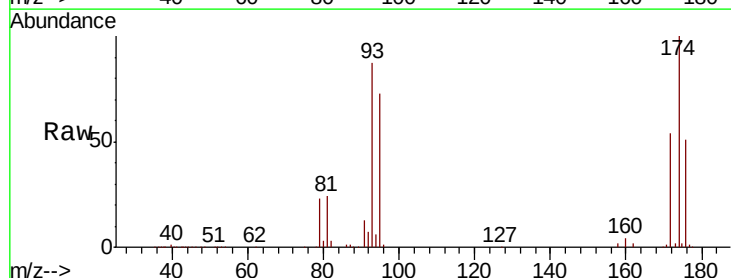
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

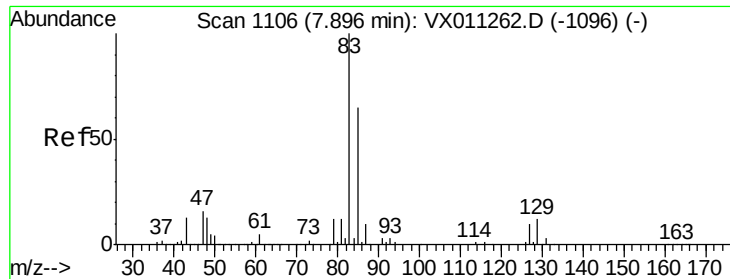
Tot Ion: 63 Resp: 77456
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.3 34.9



#46
 Dibromomethane
 Concen: 48.399 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 93 Resp: 57845
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.4 99.6
 174 113.7 93.4 140.2





#47

Bromodichloromethane

Concen: 51.645 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

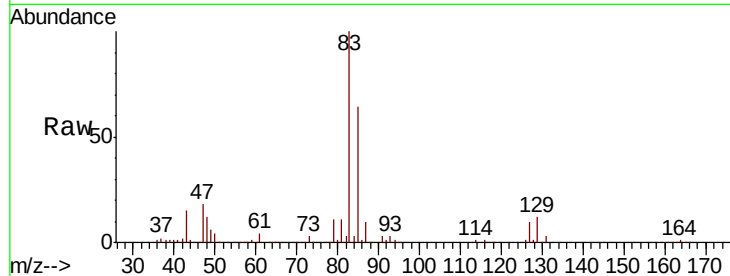
Tot Ion: 83 Resp: 104505

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.2

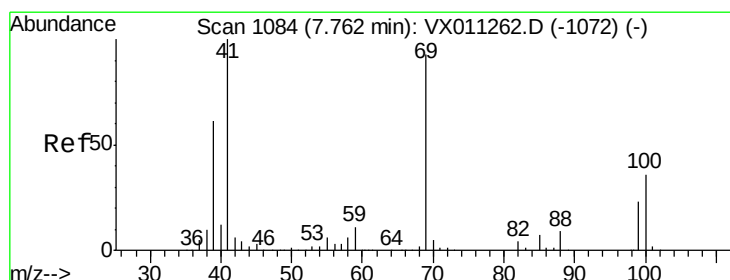
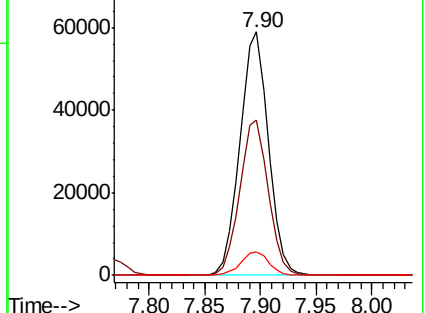
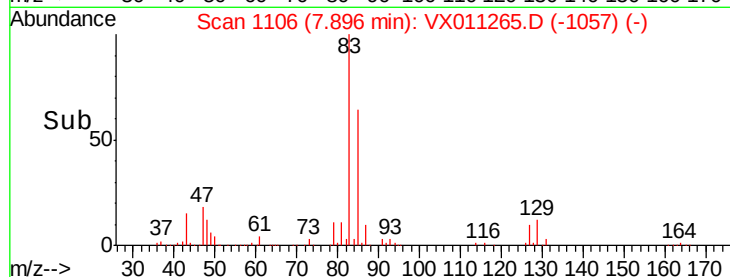
127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.488 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

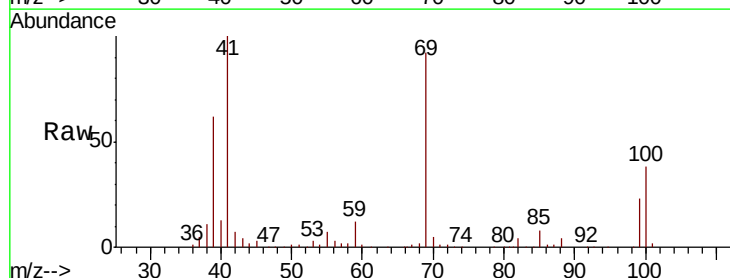
Tgt Ion: 41 Resp: 82321

Ion Ratio Lower Upper

41 100

69 91.3 74.5 111.7

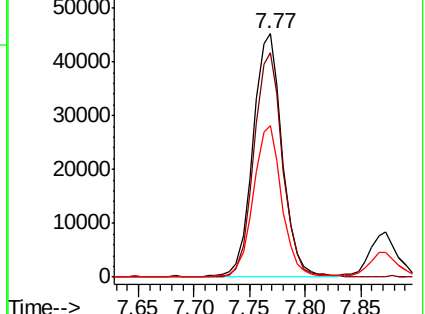
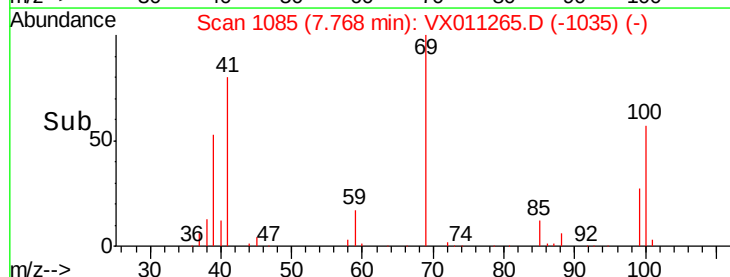
39 60.2 48.6 72.8

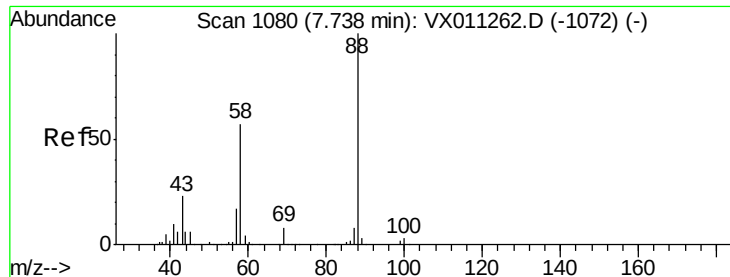


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1004.191 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

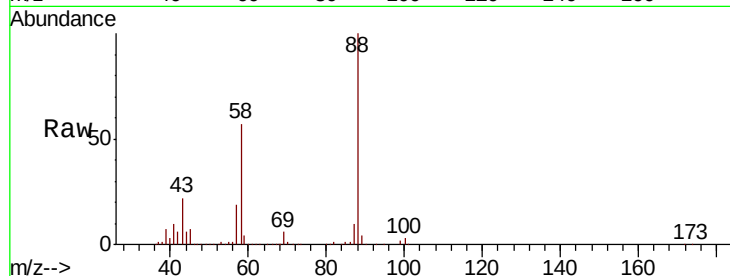
MSVOA_X

ClientSampleId :

ICVVX080119

Tot Ion: 88 Resp: 46546

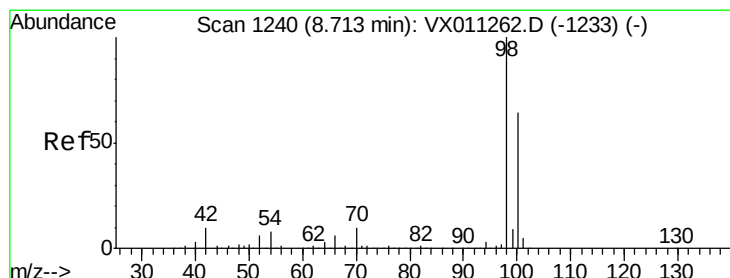
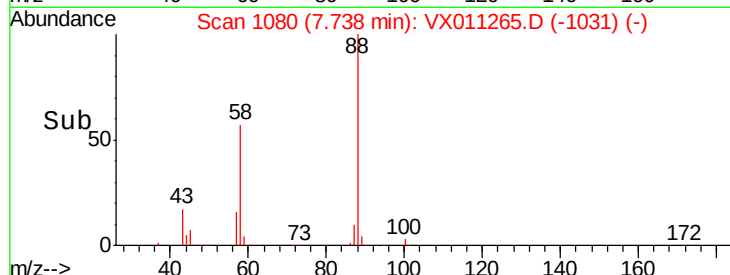
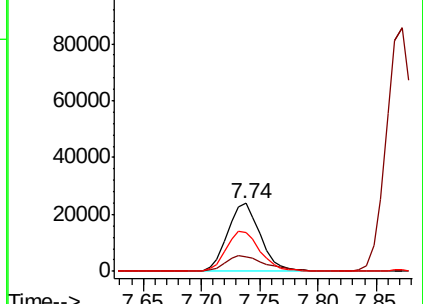
Ion	Ratio	Lower	Upper
88	100		
43	27.4	22.2	33.2
58	61.8	47.8	71.8



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



#50

Toluene-d8

Concen: 48.117 ug/l

RT: 8.71 min Scan# 1240

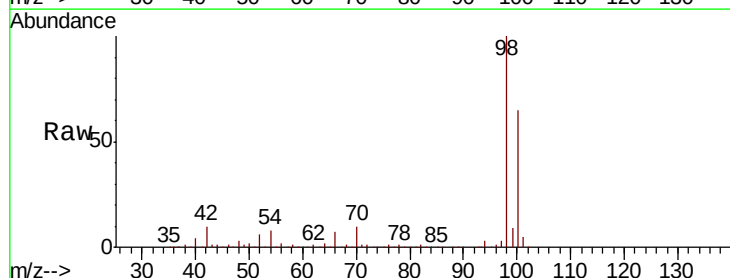
Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

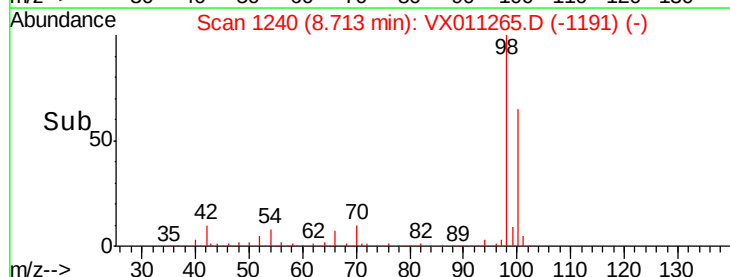
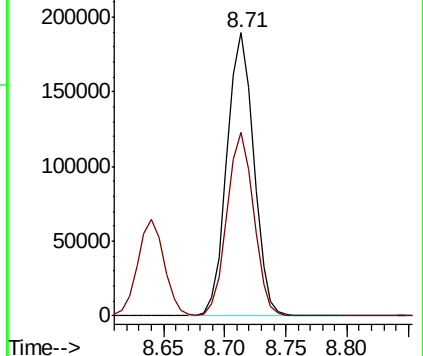
Tgt Ion: 98 Resp: 287725

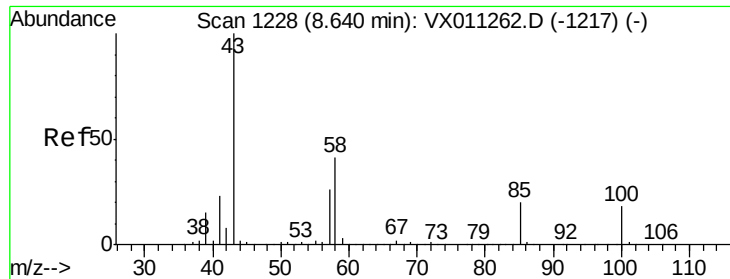
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 259.668 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

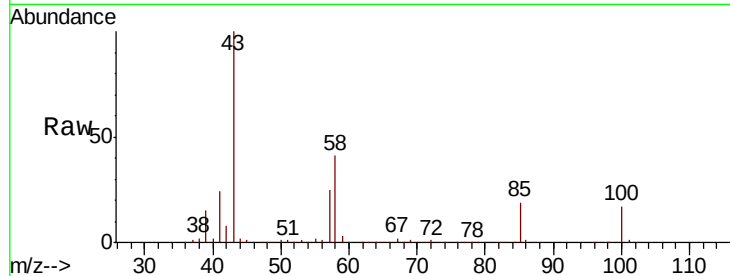
ICVVX080119

Tot Ion: 43 Resp: 569328

Ion Ratio Lower Upper

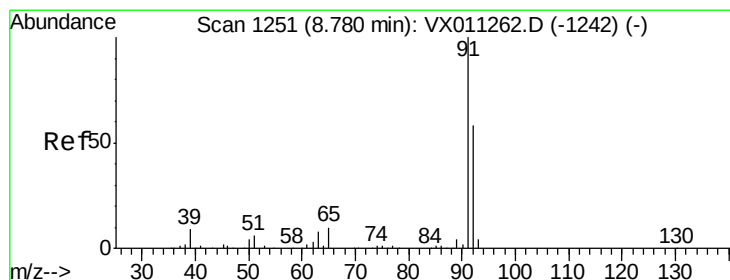
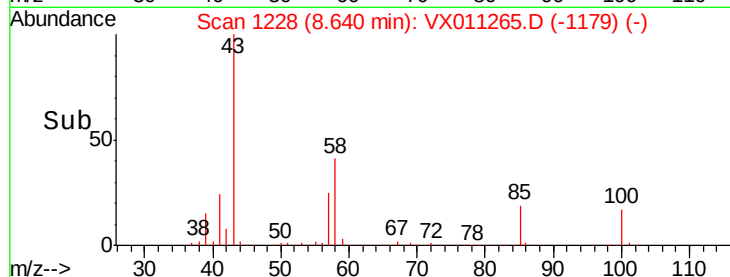
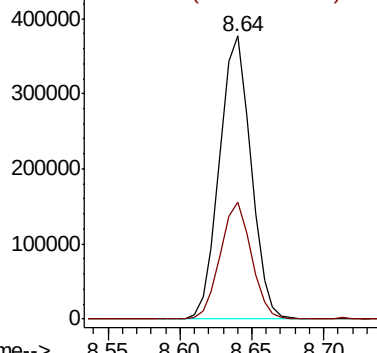
43 100

58 40.8 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.695 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011265.D

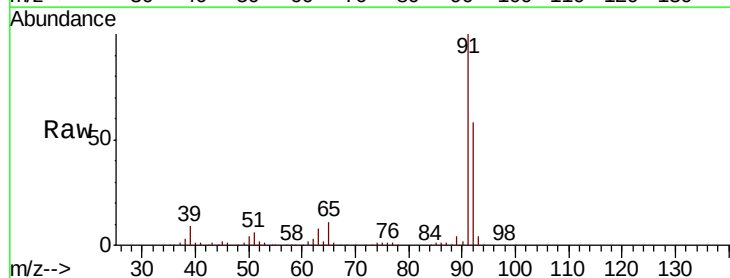
Acq: 01 Aug 2019 17:23

Tgt Ion: 92 Resp: 207711

Ion Ratio Lower Upper

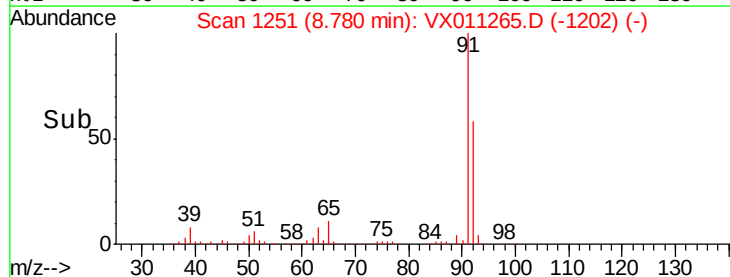
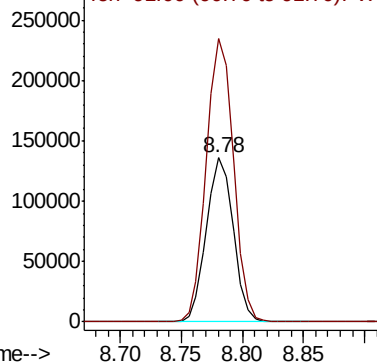
92 100

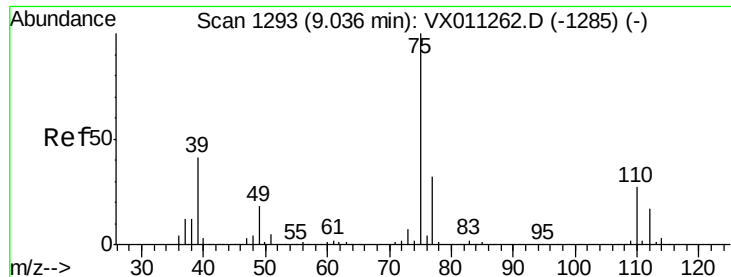
91 174.6 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

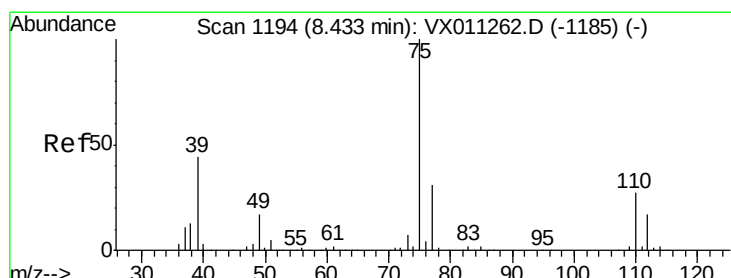
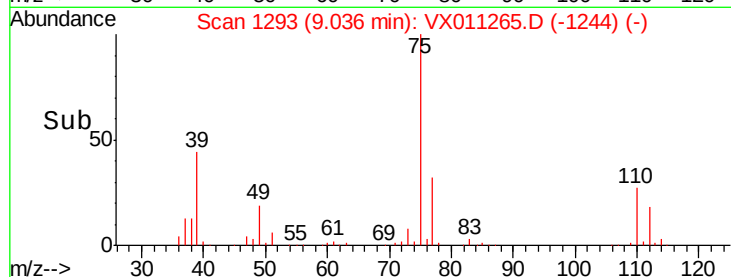
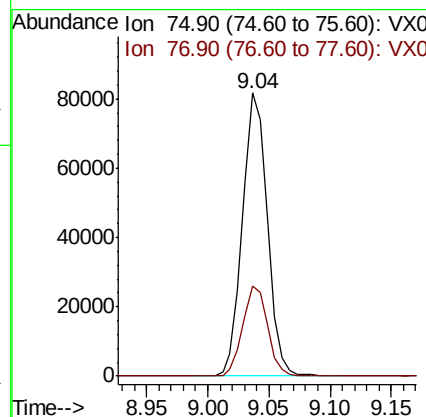
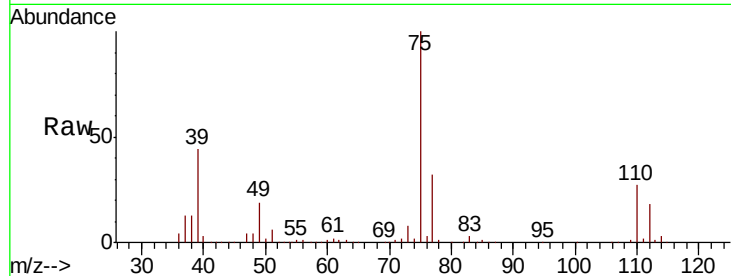




#53
 t-1,3-Dichloropropene
 Concen: 48.718 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

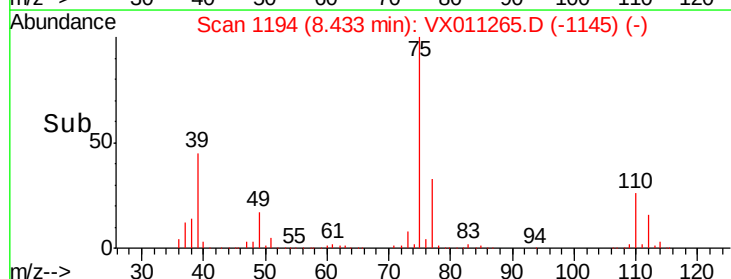
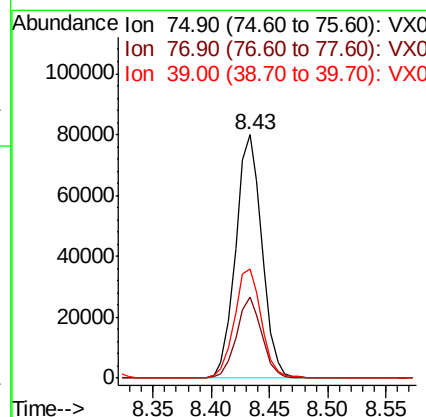
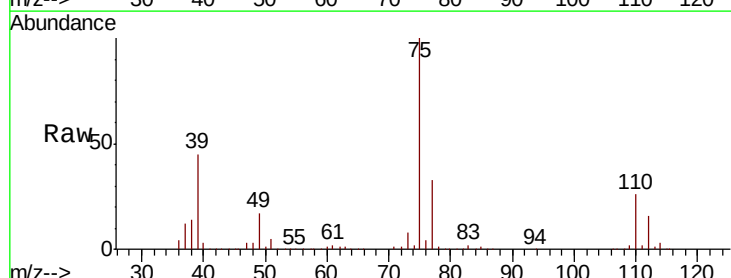
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

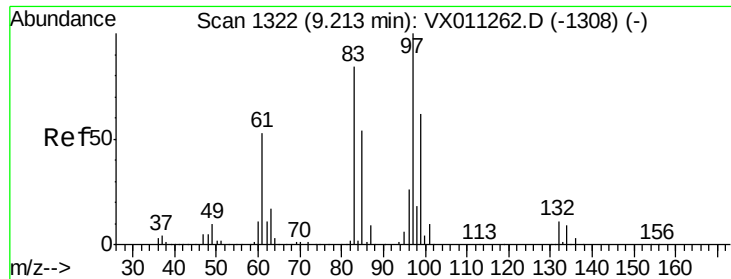
Tot Ion: 75 Resp: 114626
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.293 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 75 Resp: 125970
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.6
 39 44.9 35.3 52.9

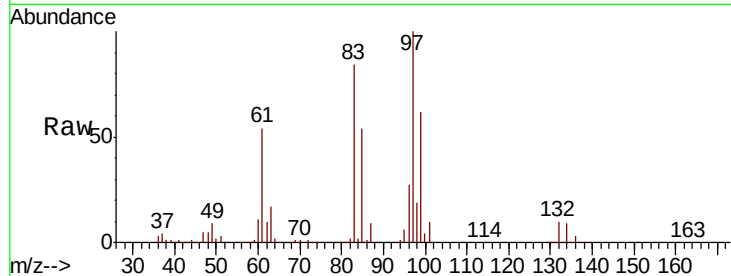




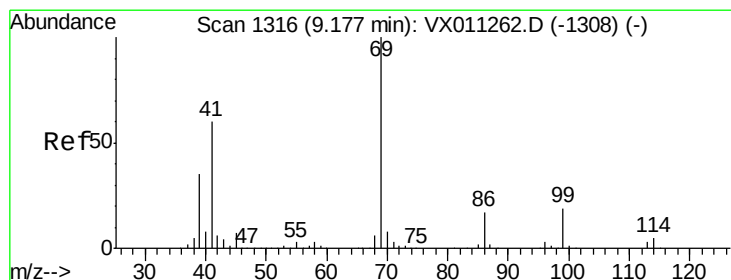
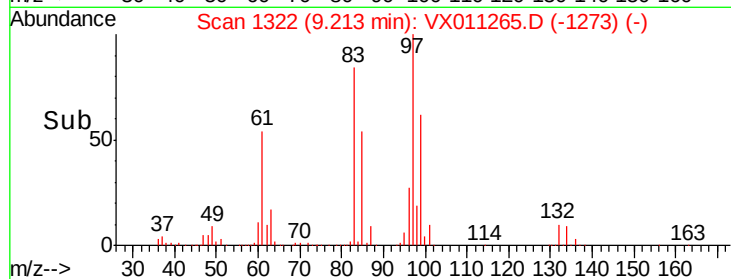
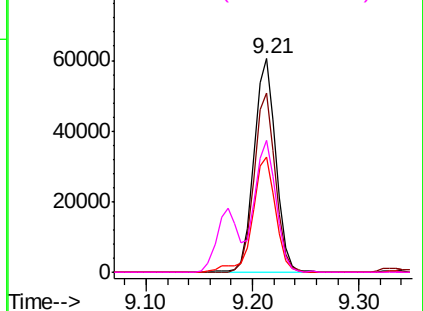
#55
 1,1,2-Trichloroethane
 Concen: 50.546 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tot Ion:	97	Resp:	86863
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.6	101.4
85	53.8	43.4	65.0
99	62.0	49.6	74.4

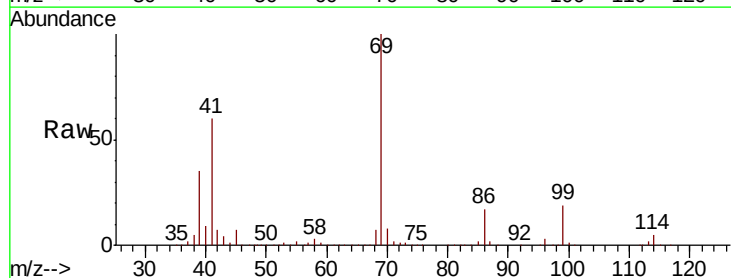


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

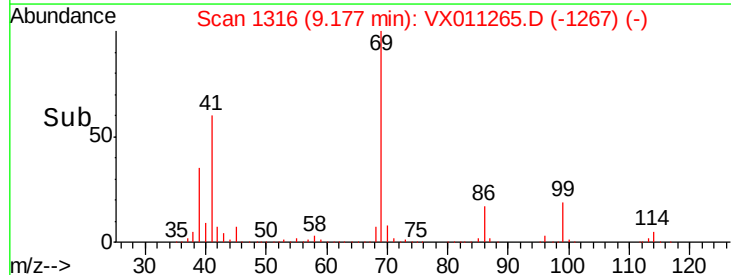
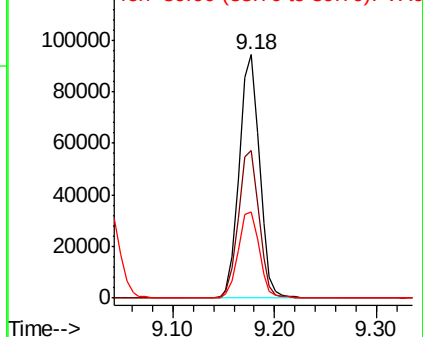


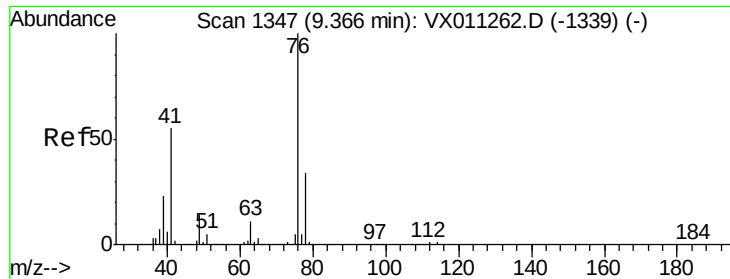
#56
 Ethyl methacrylate
 Concen: 52.645 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion:	69	Resp:	128926
Ion	Ratio	Lower	Upper
69	100		
41	61.7	48.6	73.0
39	36.7	29.4	44.2



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

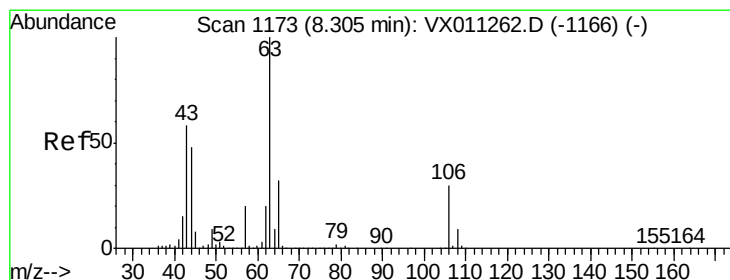
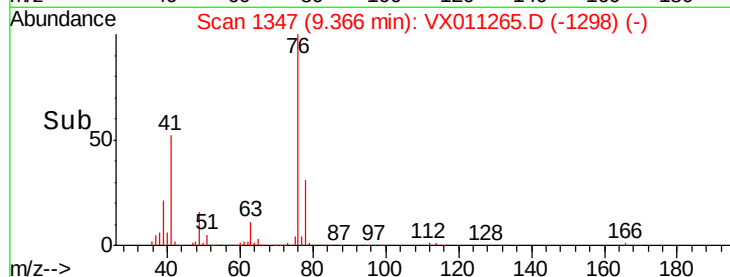
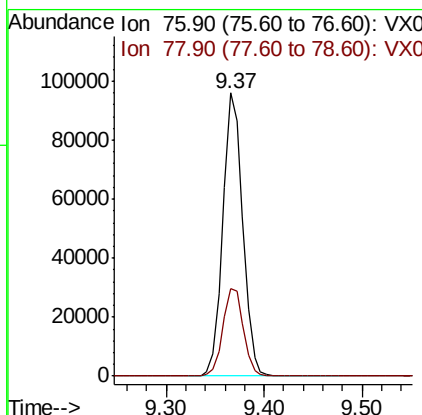
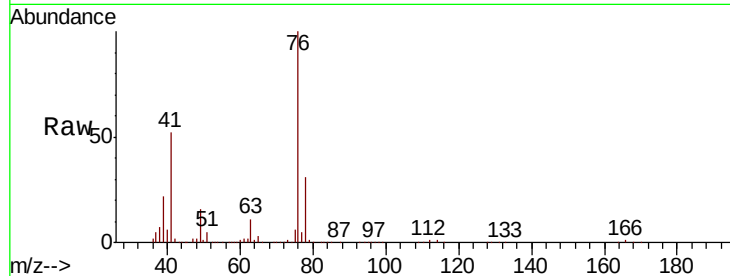




#57
 1,3-Dichloropropane
 Concen: 49.860 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

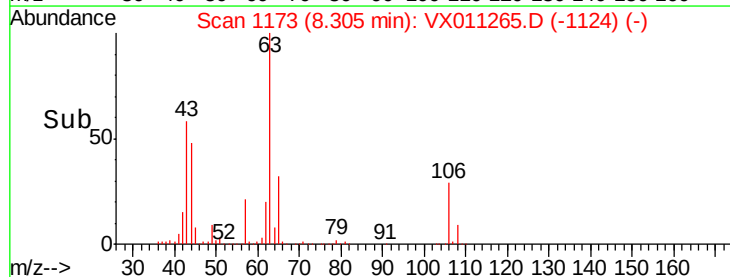
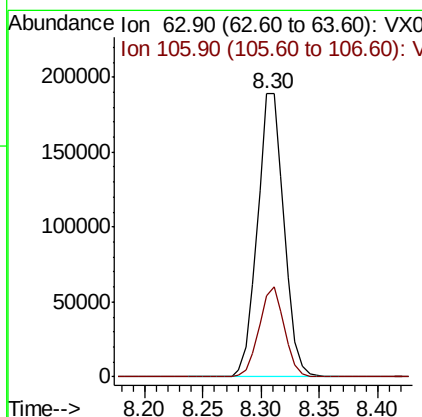
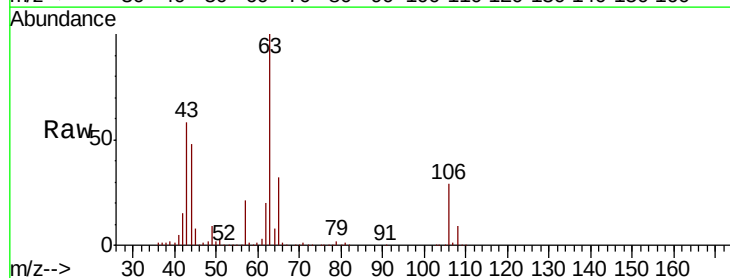
Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX080119

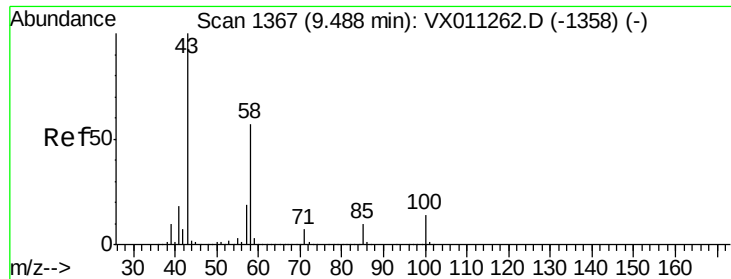
Tot Ion: 76 Resp: 135509
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.926 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 63 Resp: 300944
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.4 36.6

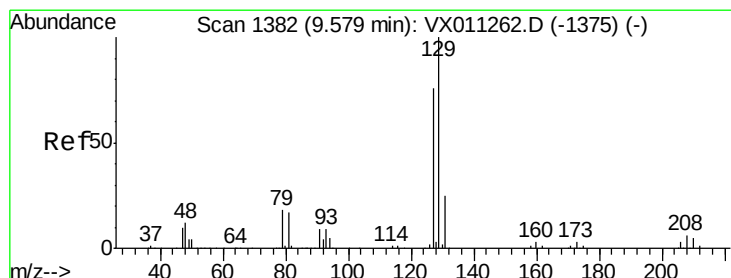
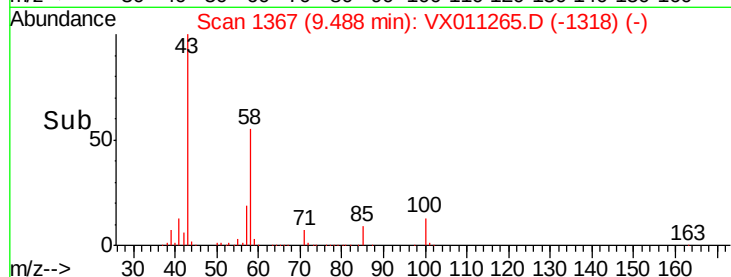
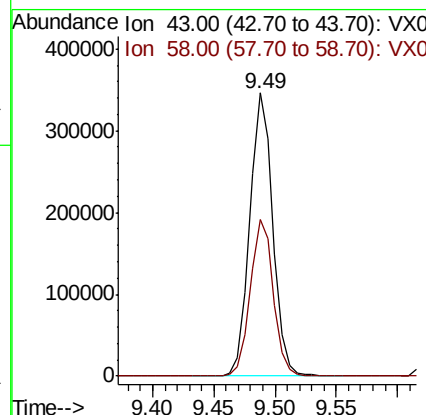
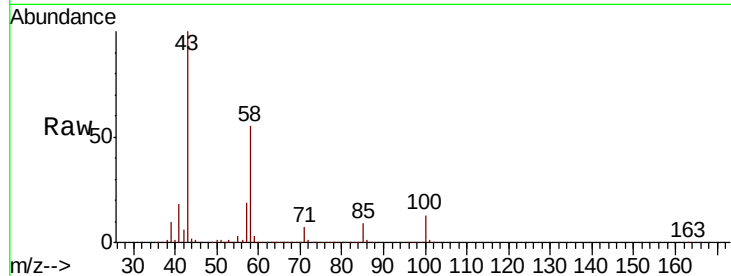




#59
2-Hexanone
Concen: 266.041 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

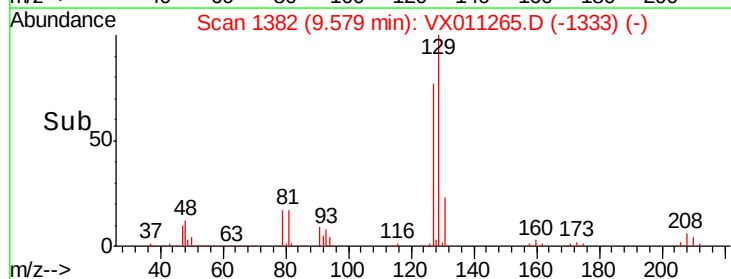
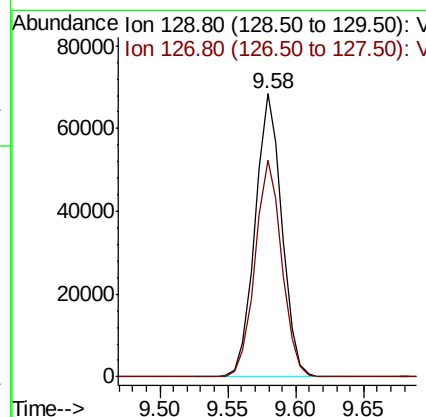
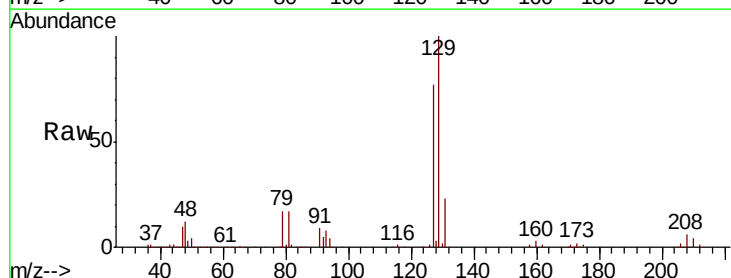
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

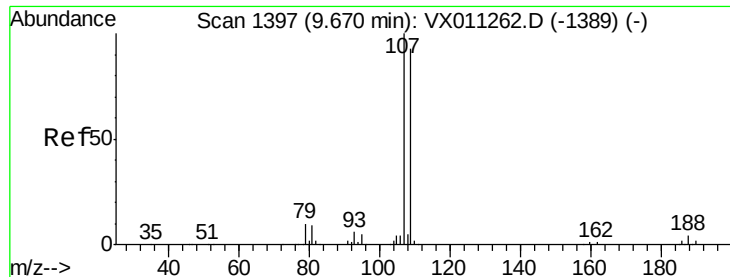
Tot Ion: 43 Resp: 451803
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.6



#60
Dibromochloromethane
Concen: 53.827 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 129 Resp: 94704
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 50.546 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

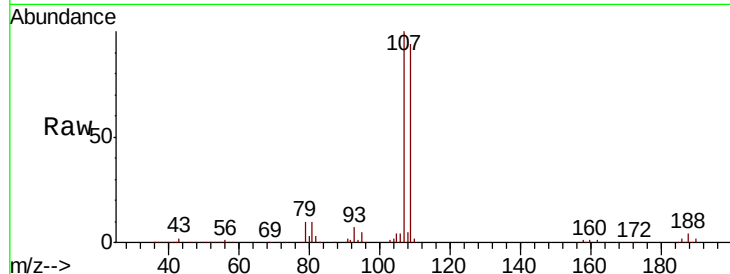
ICVVX080119

Tot Ion:107 Resp: 93848

Ion Ratio Lower Upper

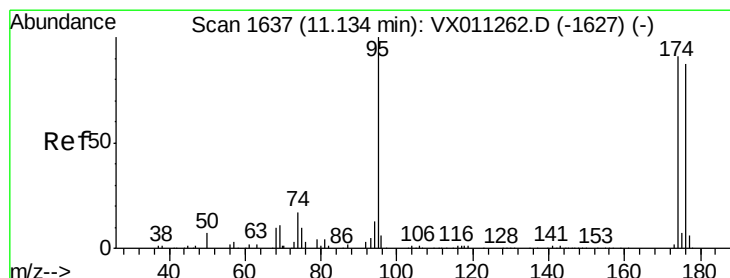
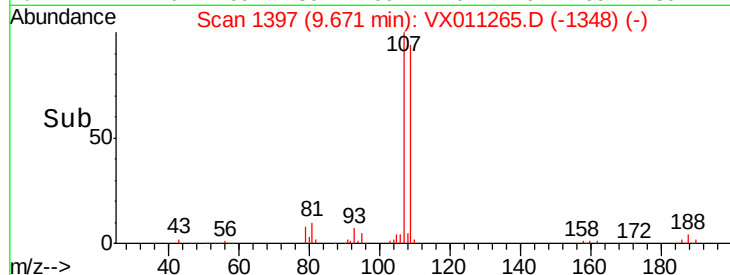
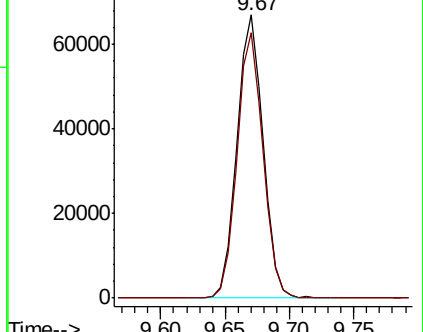
107 100

109 93.0 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.767 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

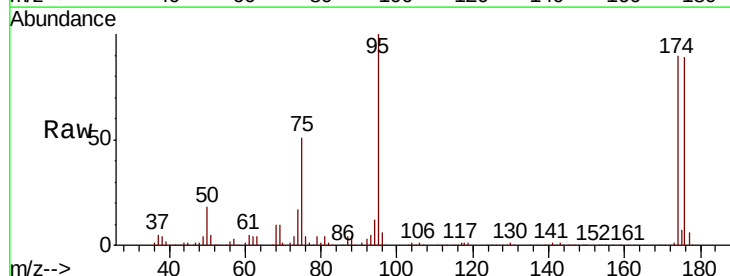
Tgt Ion: 95 Resp: 108383

Ion Ratio Lower Upper

95 100

174 92.0 0.0 191.2

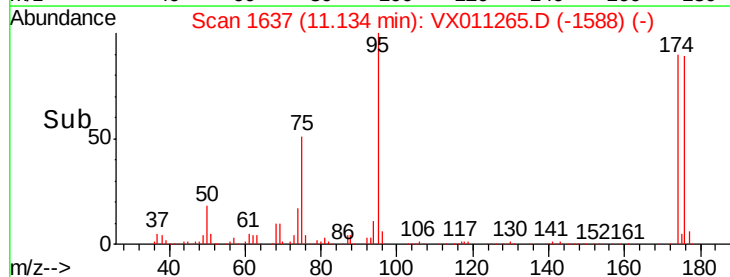
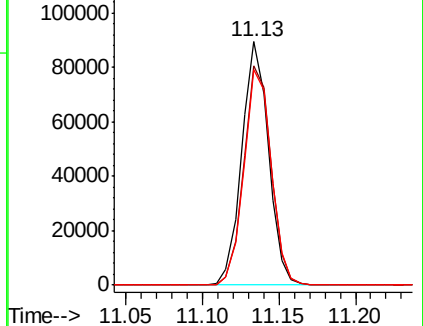
176 90.5 0.0 184.8

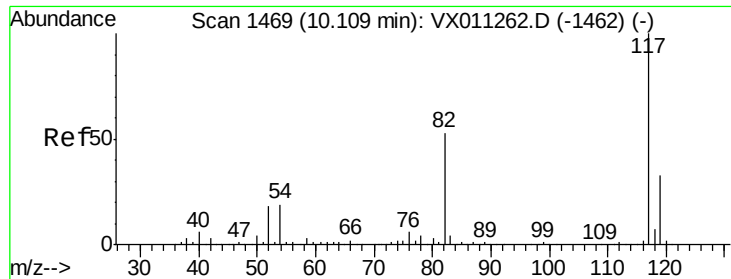


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

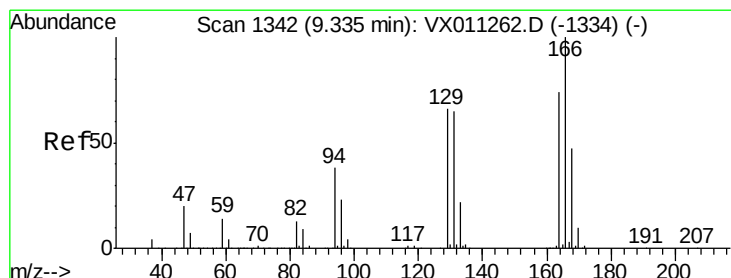
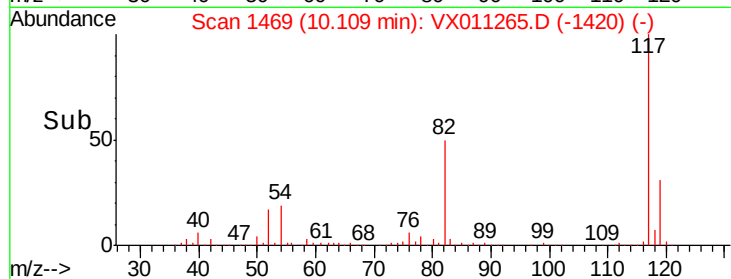
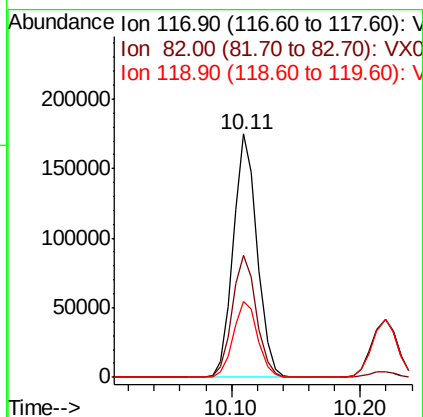
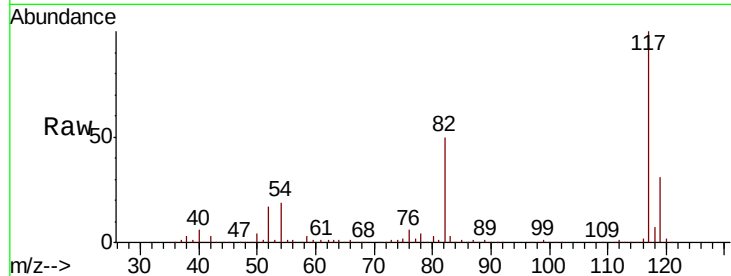




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

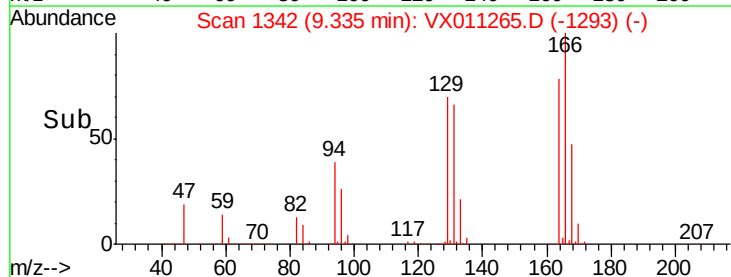
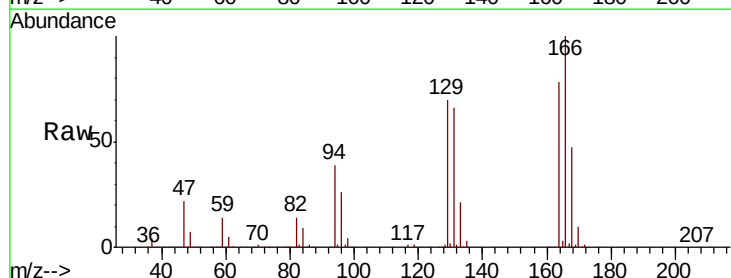
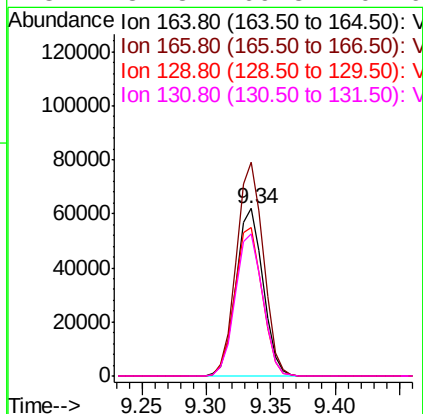
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

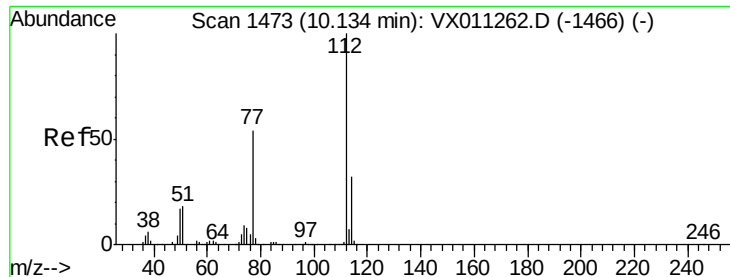
Tot Ion:117 Resp: 226103
Ion Ratio Lower Upper
117 100
82 50.3 42.2 63.2
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 47.002 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion:164 Resp: 90252
Ion Ratio Lower Upper
164 100
166 127.7 107.5 161.3
129 88.8 71.0 106.4
131 84.8 69.8 104.6

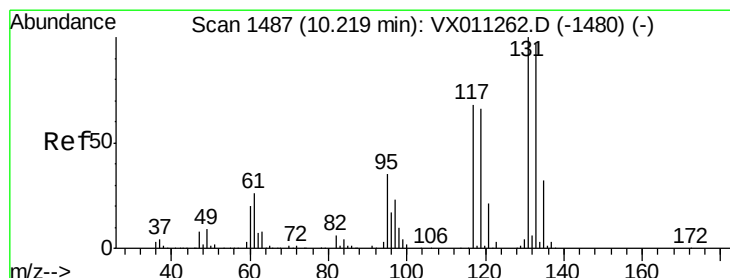
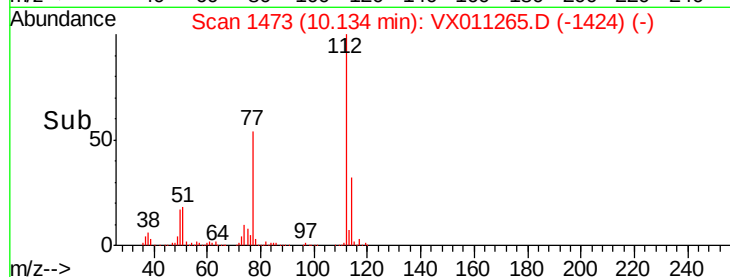
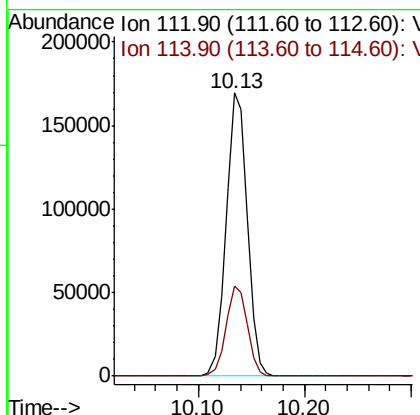
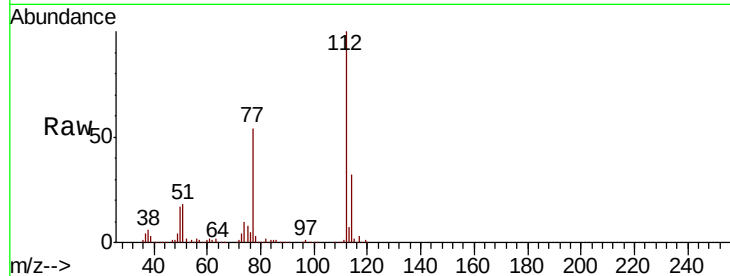




#65
Chlorobenzene
Concen: 48.714 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

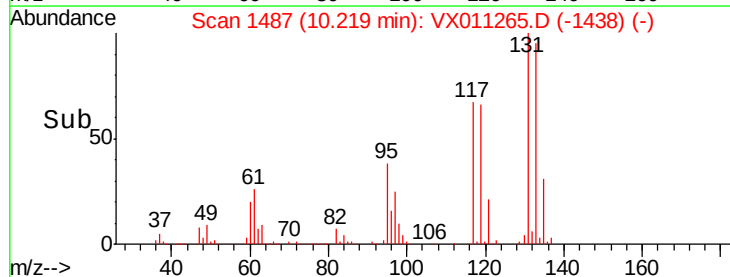
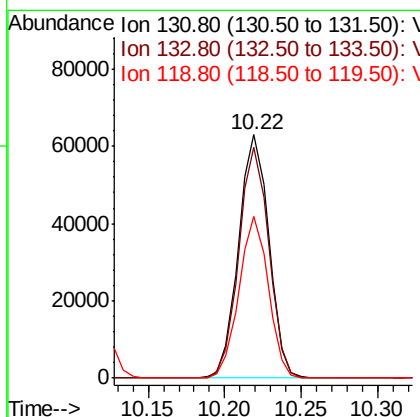
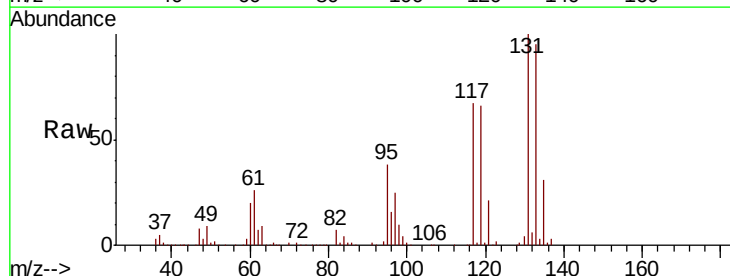
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

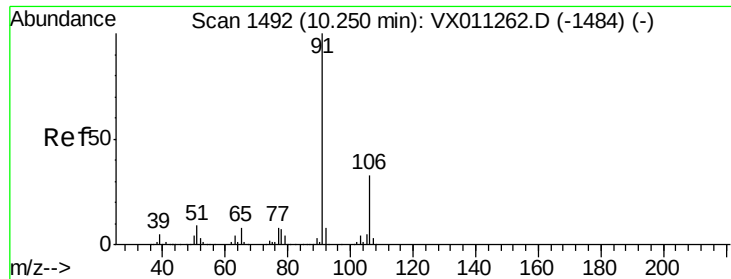
Tot Ion:112 Resp: 236165
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.155 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion:131 Resp: 86563
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 64.7 32.8 98.3

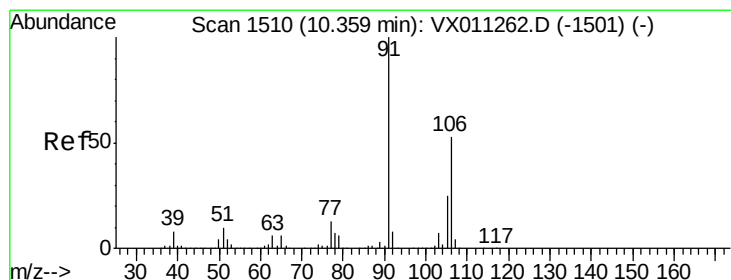
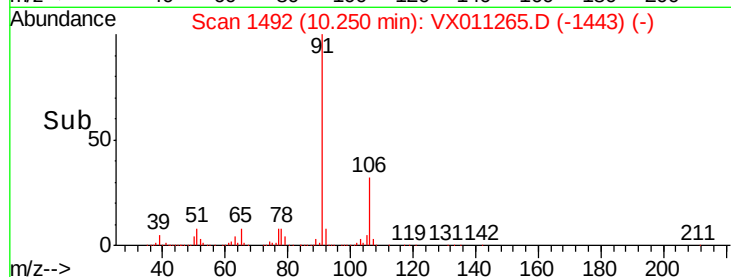
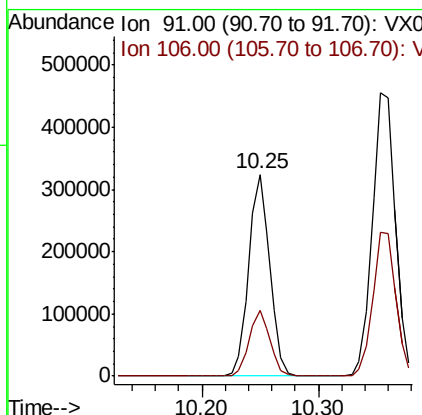
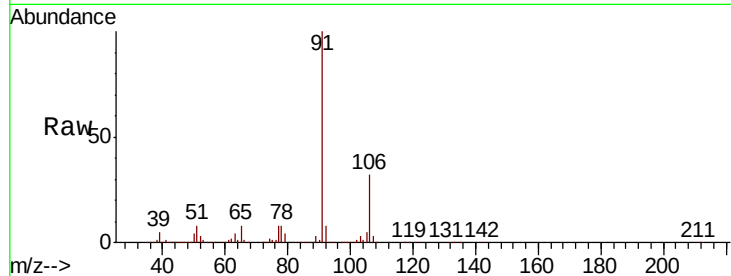




#67
Ethyl Benzene
Concen: 50.489 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

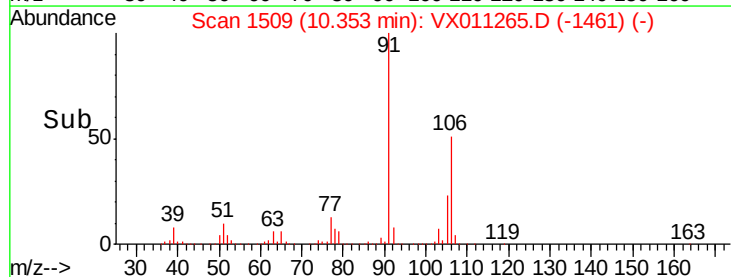
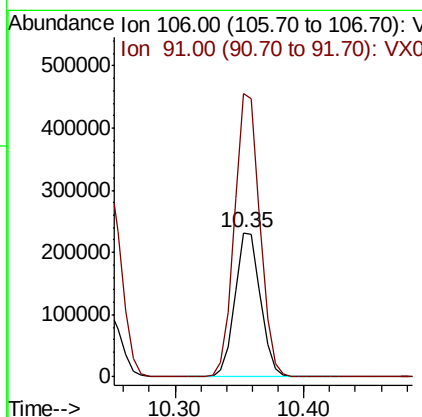
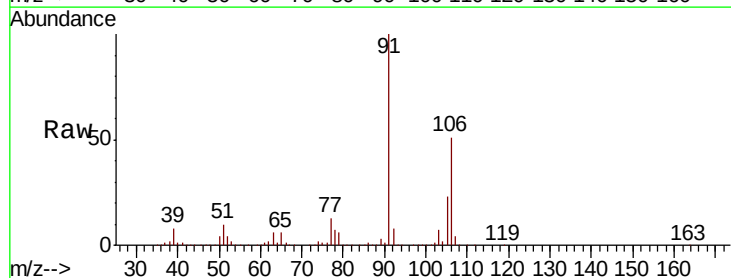
Instrument :
MSVOA_X
ClientSampleId :
ICVX080119

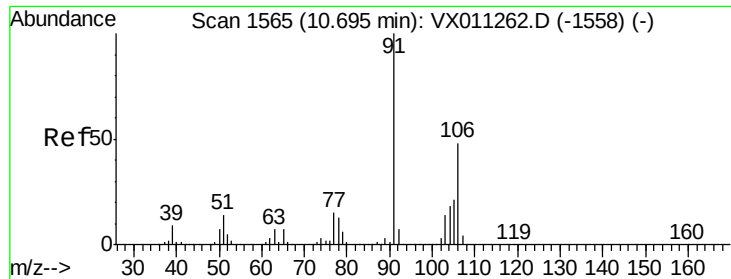
Tot Ion: 91 Resp: 409927
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.4



#68
m/p-Xylenes
Concen: 101.619 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 106 Resp: 319128
Ion Ratio Lower Upper
106 100
91 196.0 155.9 233.9

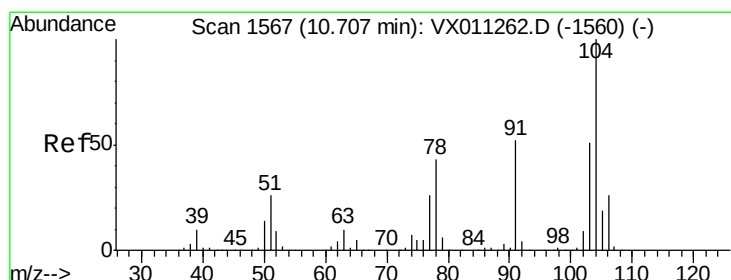
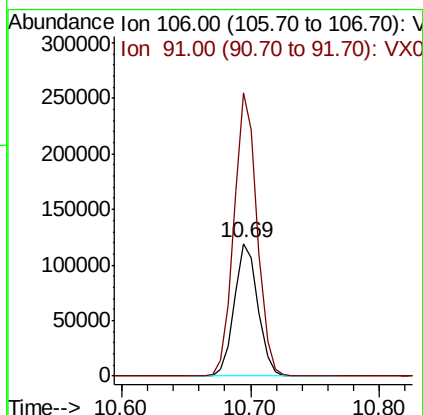
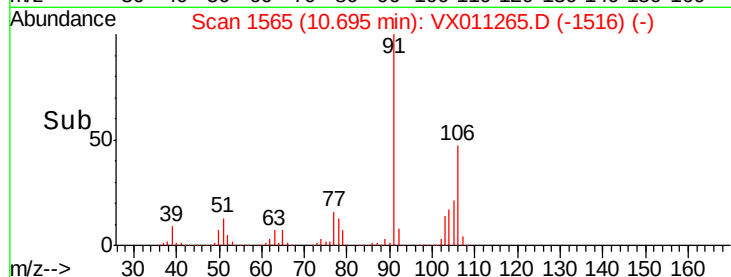
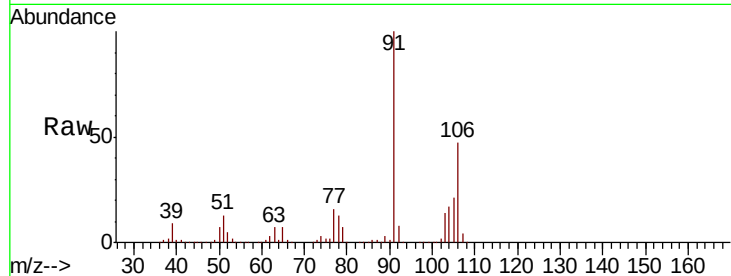




#69
o-Xylene
Concen: 49.216 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

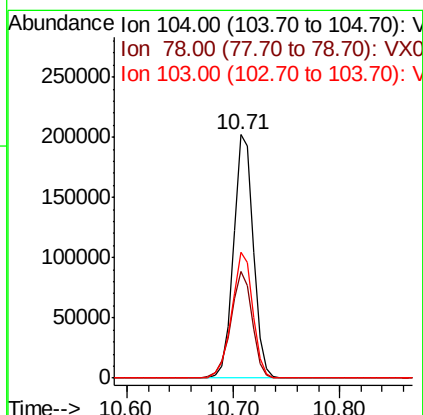
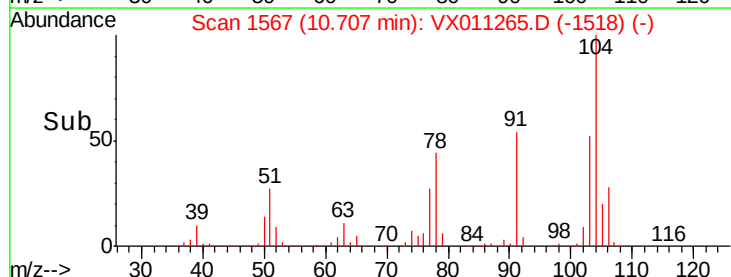
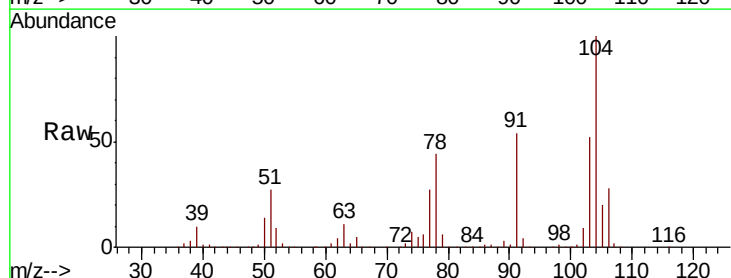
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

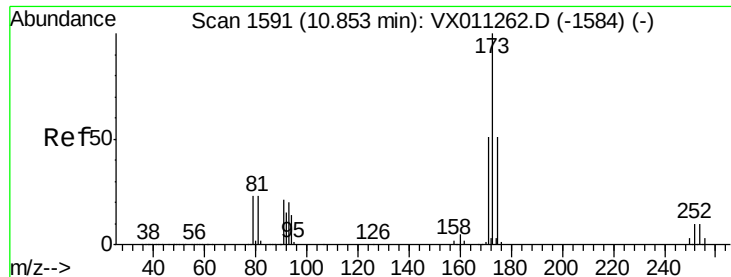
Tot Ion:106 Resp: 151862
Ion Ratio Lower Upper
106 100
91 210.2 103.8 311.3



#70
Styrene
Concen: 51.864 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion:104 Resp: 264796
Ion Ratio Lower Upper
104 100
78 47.4 36.9 55.3
103 54.8 44.4 66.6





#71

Bromoform

Concen: 48.176 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

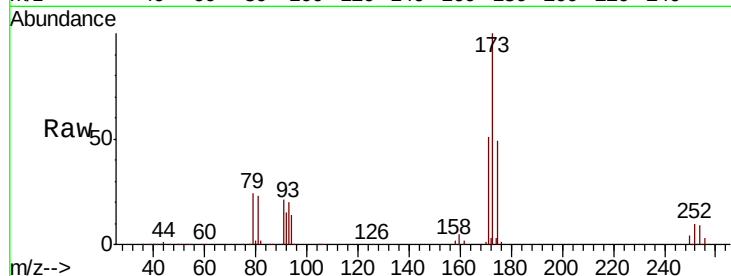
Tot Ion:173 Resp: 71331

Ion Ratio Lower Upper

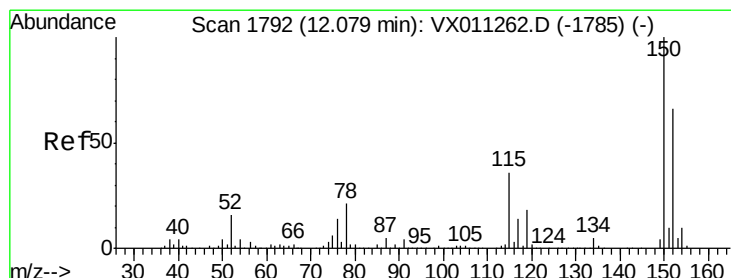
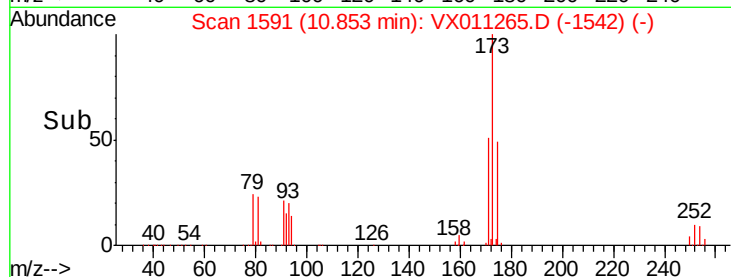
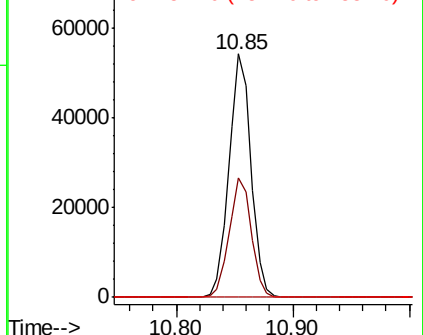
173 100

175 49.3 24.4 73.4

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

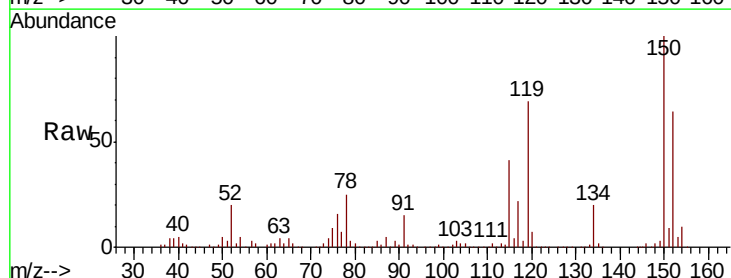
Tgt Ion:152 Resp: 122130

Ion Ratio Lower Upper

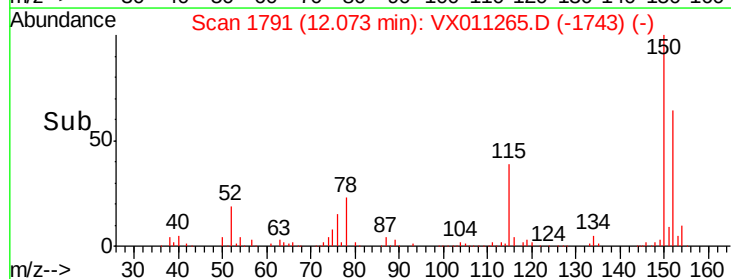
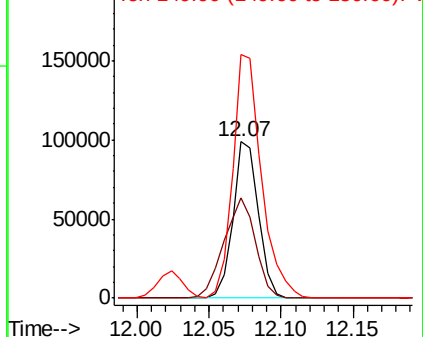
152 100

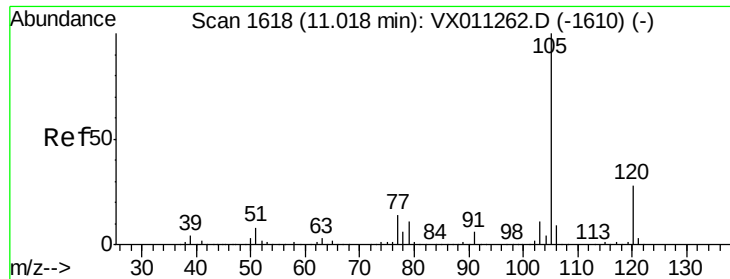
115 79.5 40.0 119.9

150 176.0 0.0 350.4



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

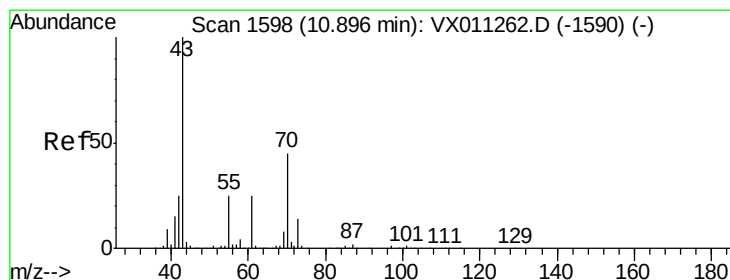
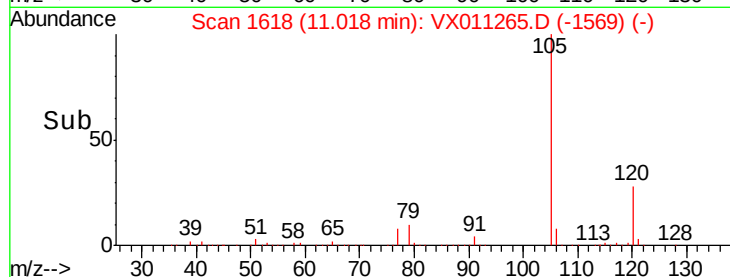
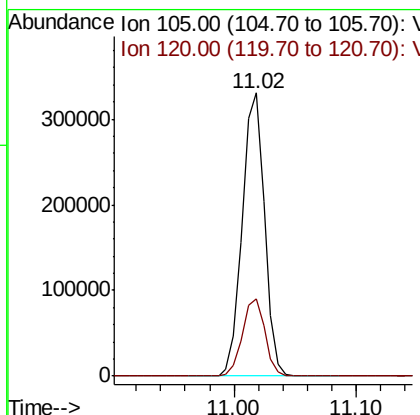
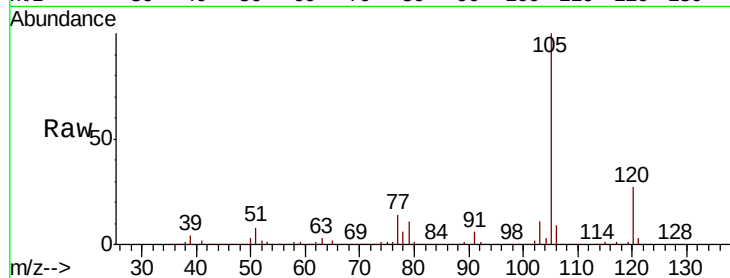




#73
Isopropylbenzene
Concen: 49.811 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

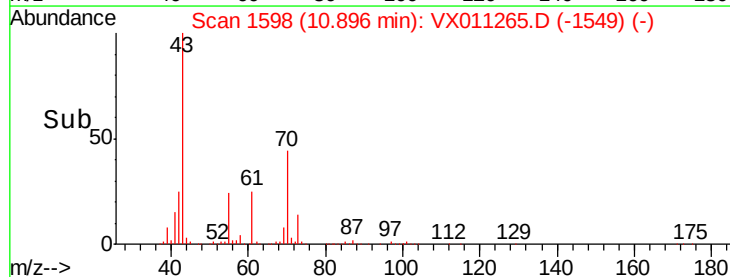
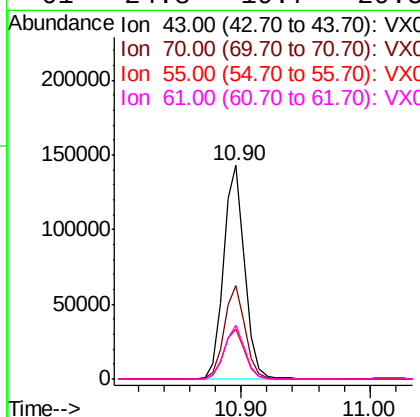
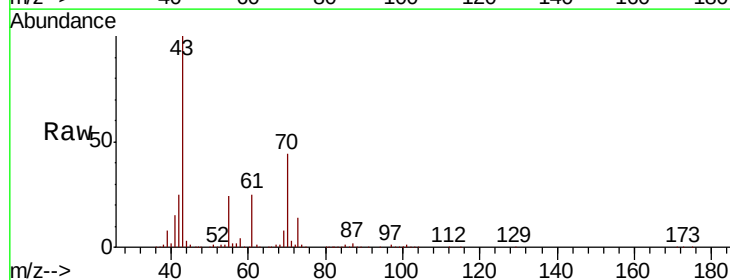
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

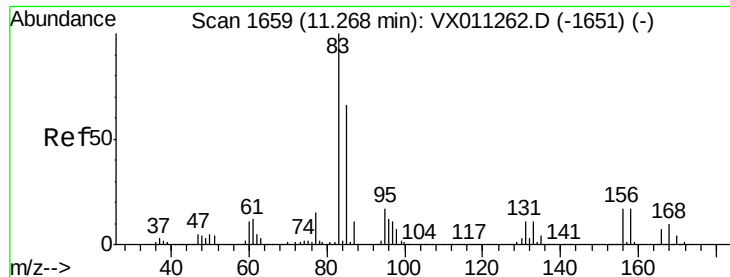
Tot Ion:105 Resp: 416061
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.1



#74
N-ethyl acetate
Concen: 54.562 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 43 Resp: 164676
Ion Ratio Lower Upper
43 100
70 43.8 35.9 53.9
55 23.9 19.8 29.6
61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.527 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

ICVVX080119

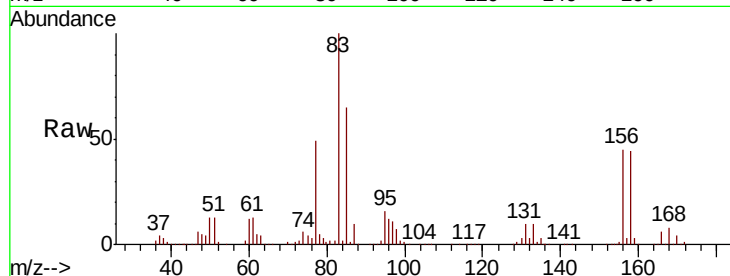
Tot Ion: 83 Resp: 137861

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

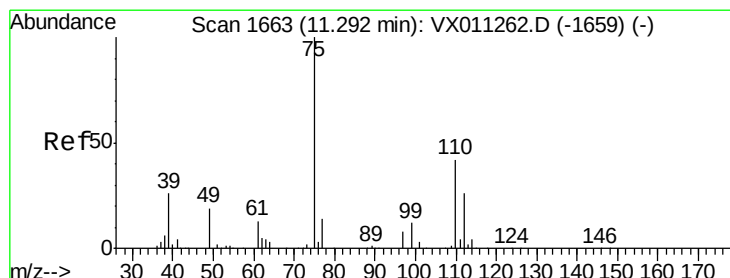
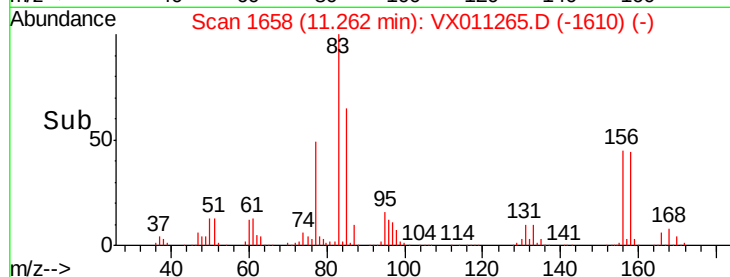
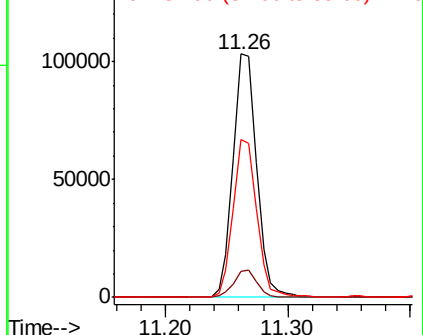
85 64.8 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.185 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011265.D

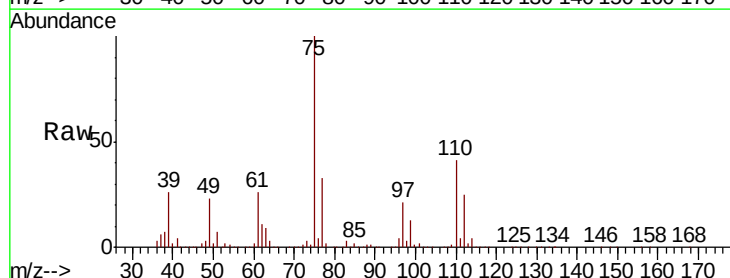
Acq: 01 Aug 2019 17:23

Tgt Ion: 75 Resp: 149429

Ion Ratio Lower Upper

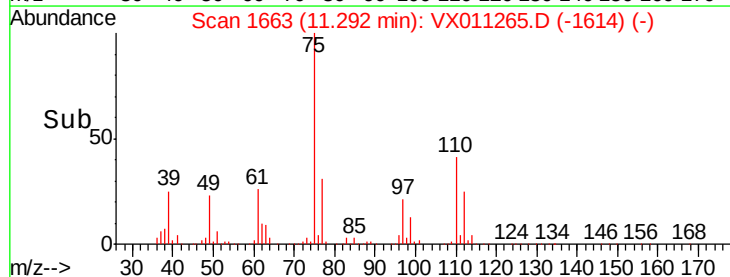
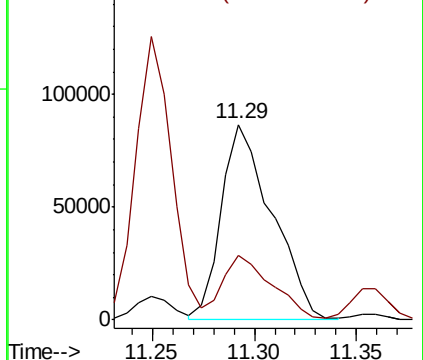
75 100

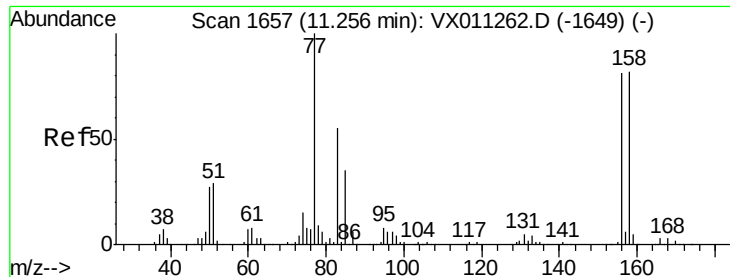
77 32.1 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.947 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

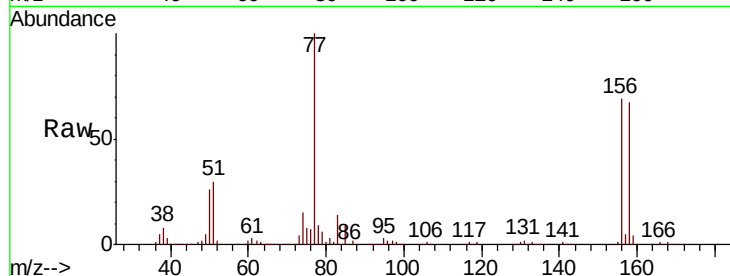
Tot Ion:156 Resp: 113371

Ion Ratio Lower Upper

156 100

77 136.6 66.2 198.6

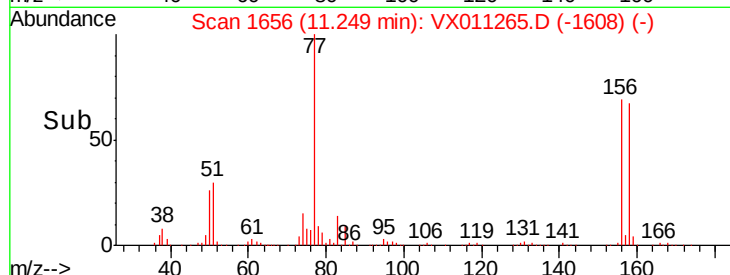
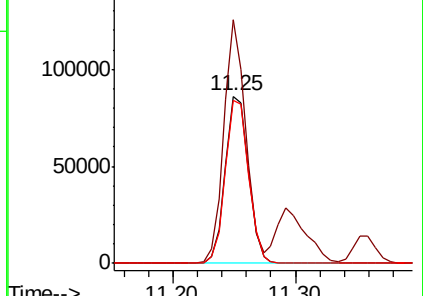
158 97.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.635 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011265.D

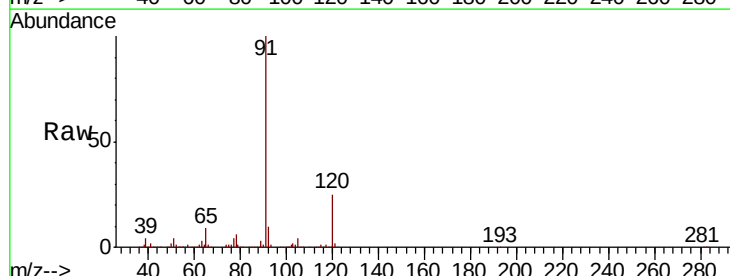
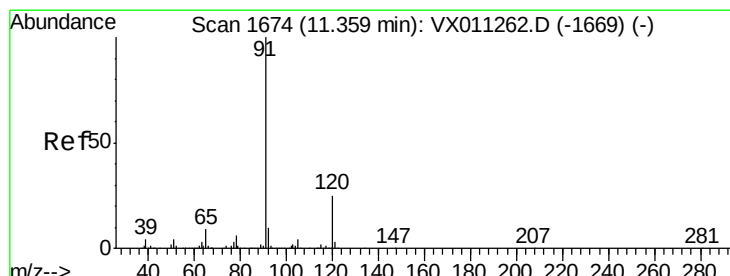
Acq: 01 Aug 2019 17:23

Tgt Ion: 91 Resp: 470346

Ion Ratio Lower Upper

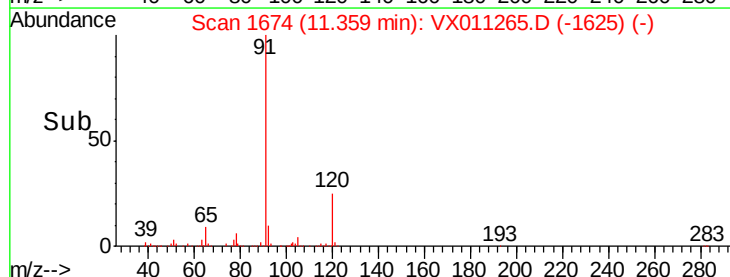
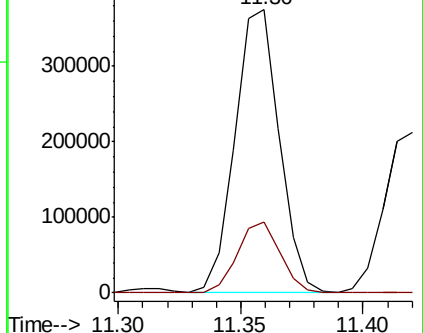
91 100

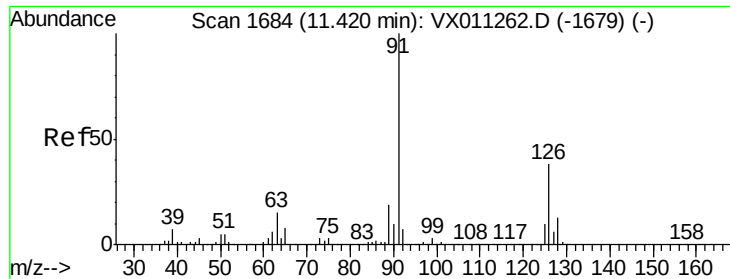
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

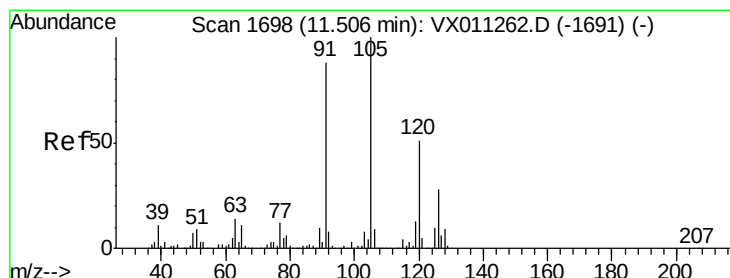
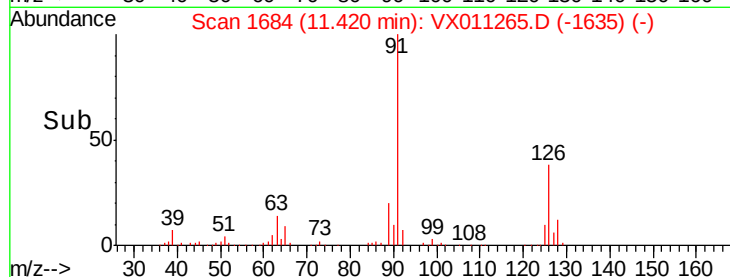
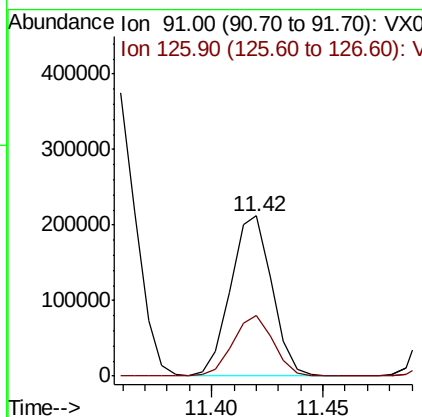
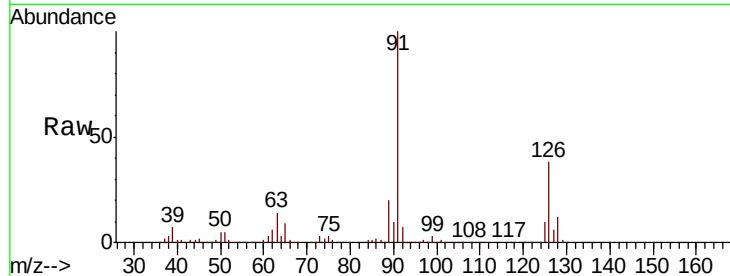




#79
 2-Chlorotoluene
 Concen: 49.340 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

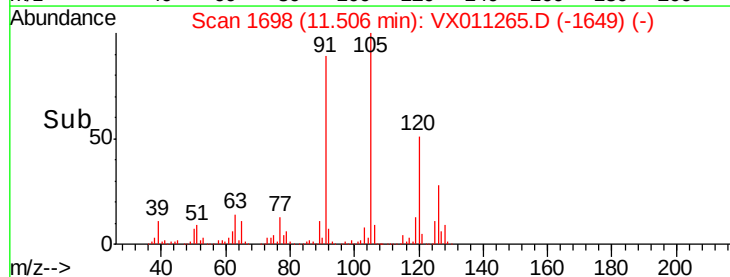
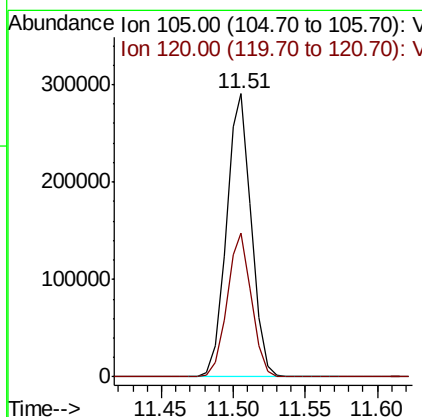
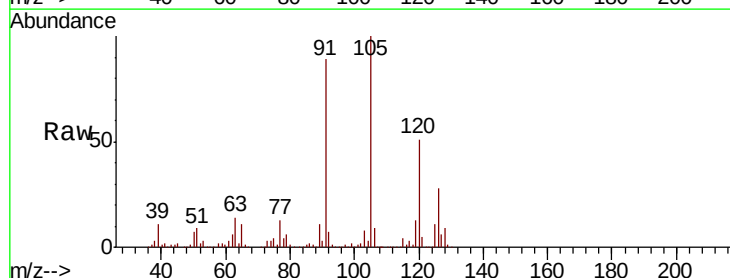
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

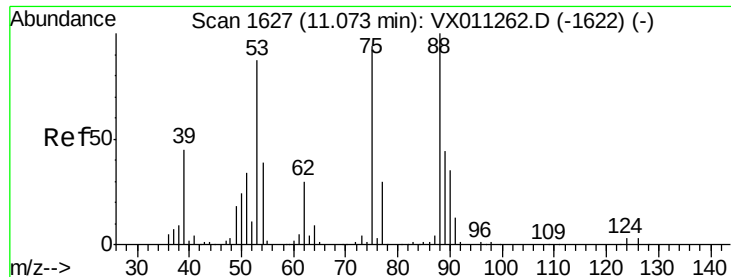
Tot Ion: 91 Resp: 273170
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.271 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion:105 Resp: 351502
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.772 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

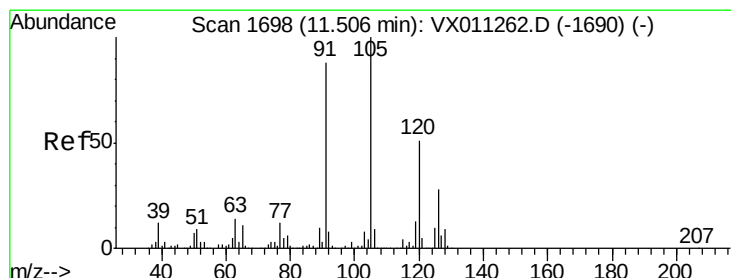
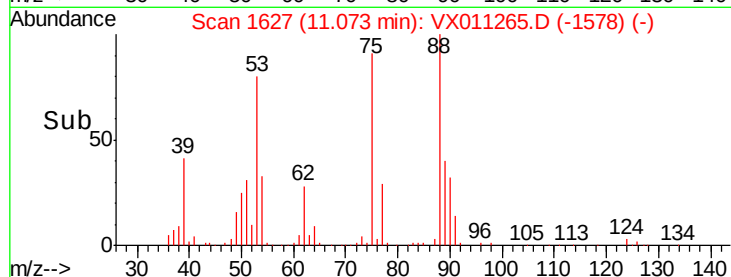
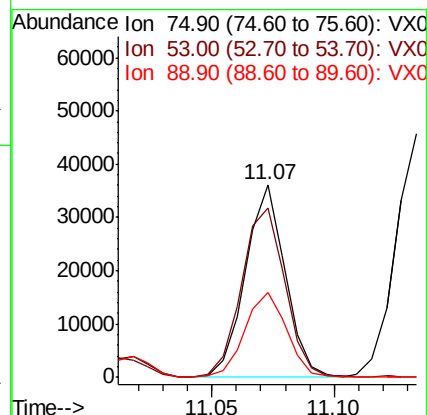
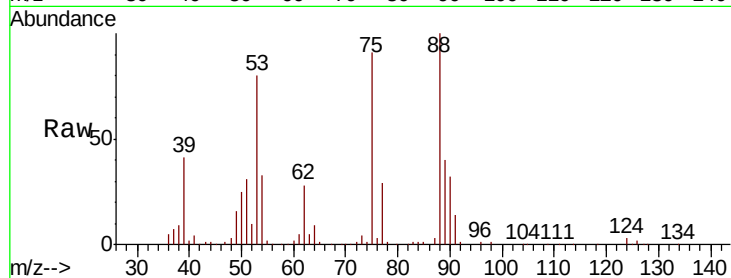
Tot Ion: 75 Resp: 40521

Ion Ratio Lower Upper

75 100

53 96.6 78.2 117.4

89 47.0 37.9 56.9



#82

4-Chlorotoluene

Concen: 50.066 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011265.D

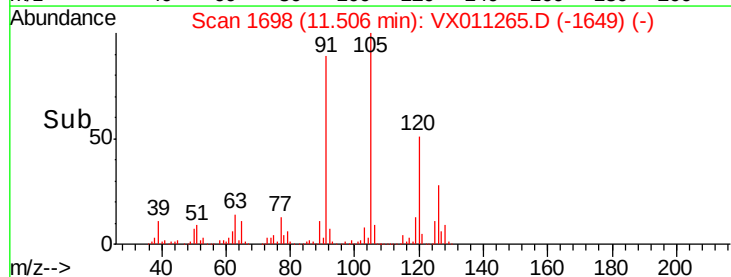
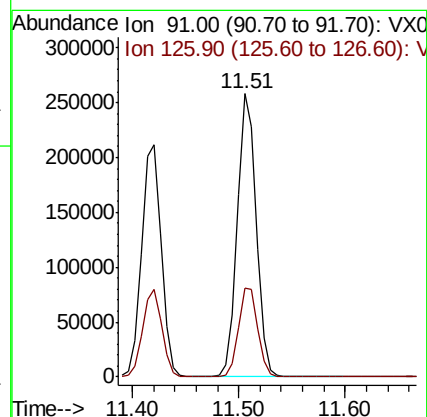
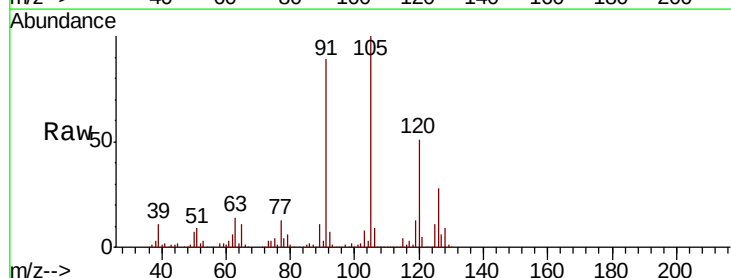
Acq: 01 Aug 2019 17:23

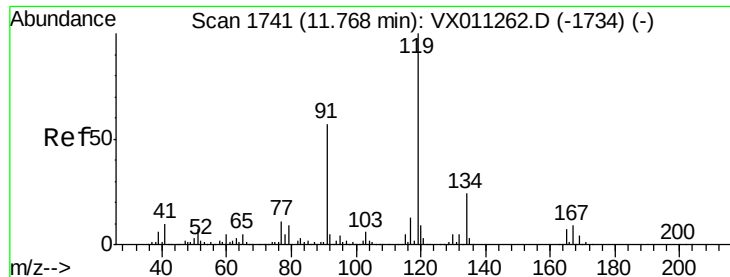
Tgt Ion: 91 Resp: 323044

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.2

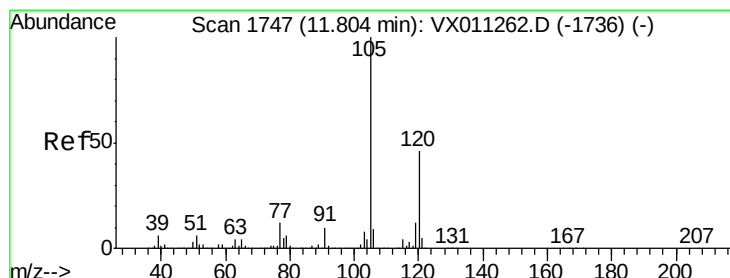
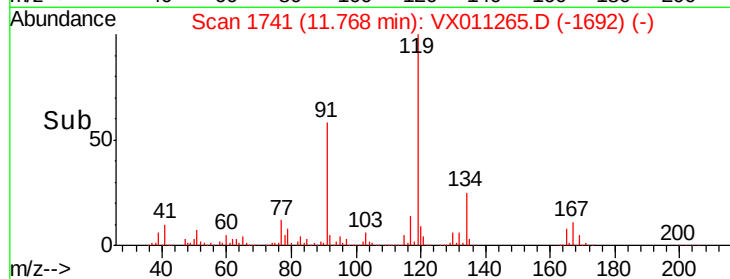
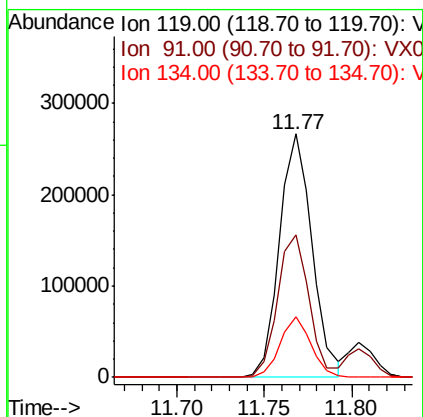
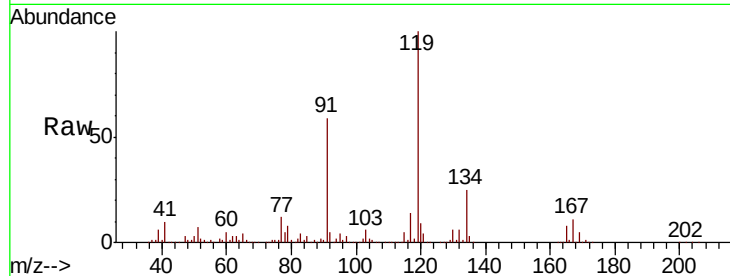




#83
 tert-Butylbenzene
 Concen: 50.608 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

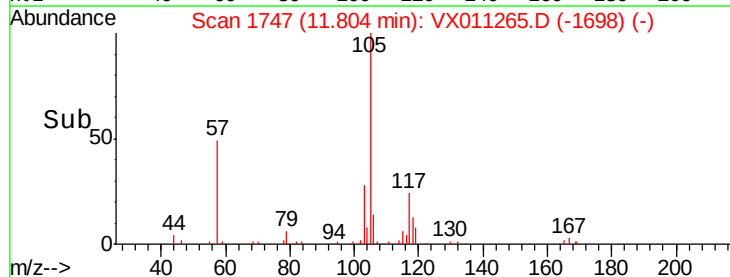
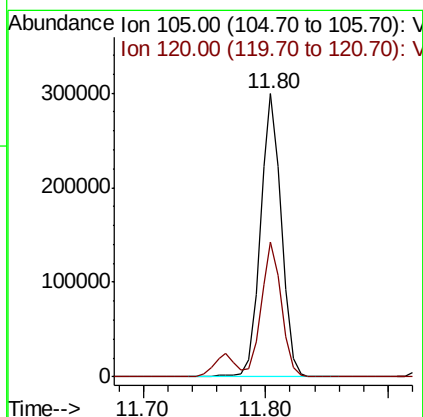
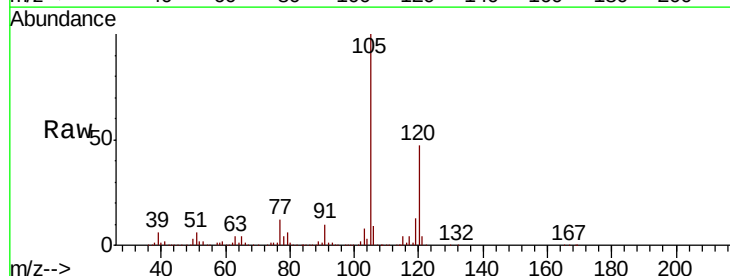
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

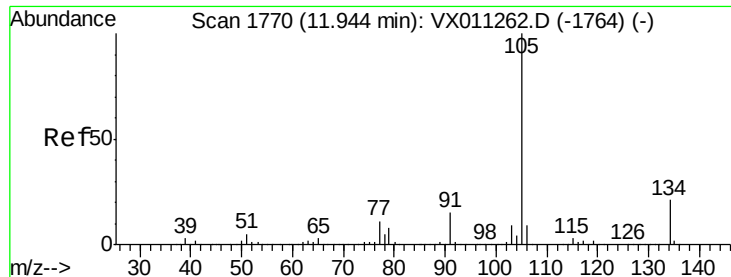
Tot Ion:119 Resp: 347057
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.0 84.0
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.133 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion:105 Resp: 355966
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.512 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

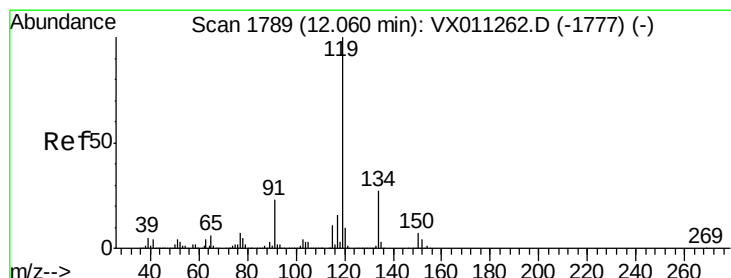
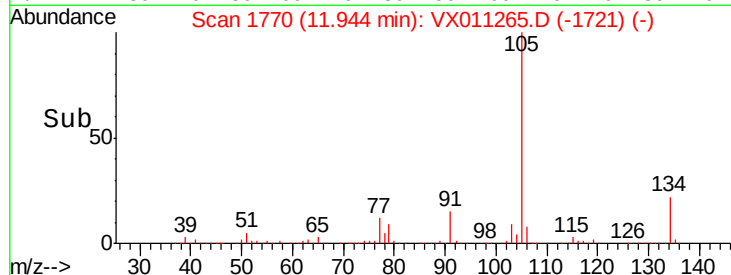
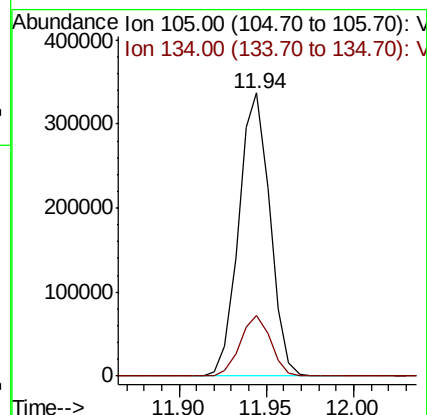
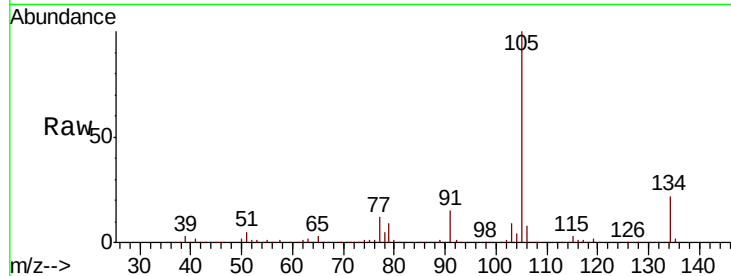
ICVVX080119

Tot Ion:105 Resp: 416186

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 50.811 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

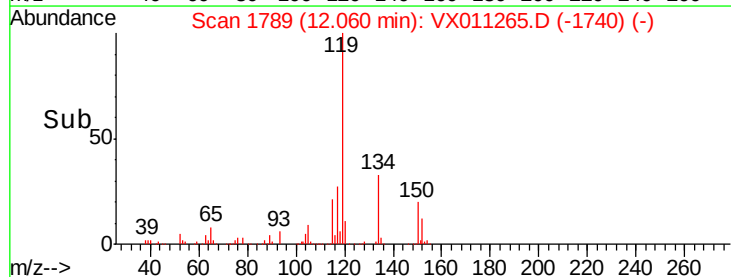
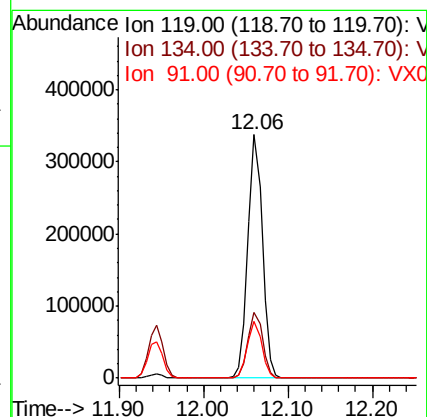
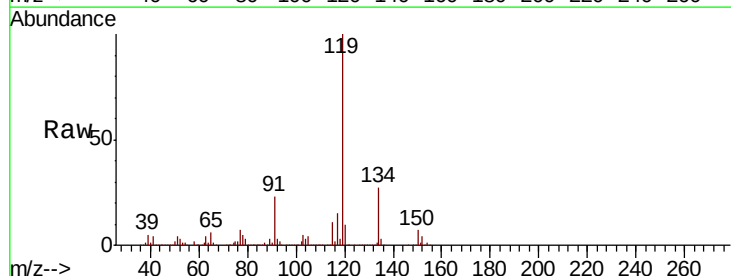
Tgt Ion:119 Resp: 385145

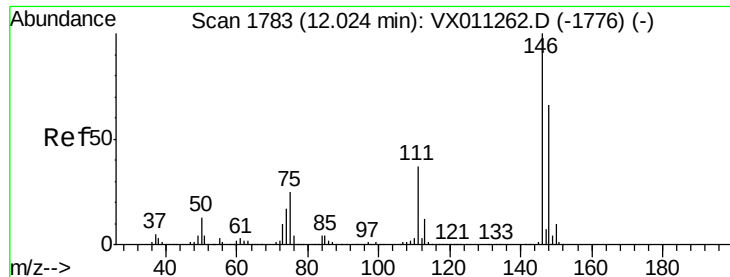
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

91 23.3 11.4 34.2

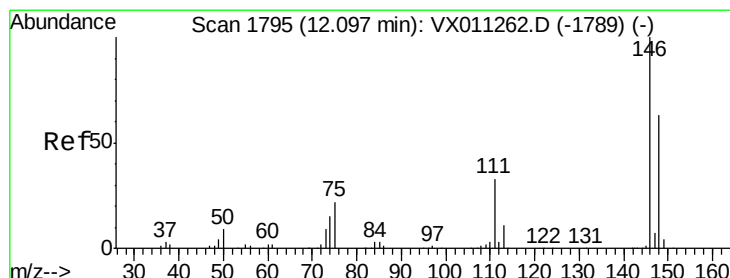
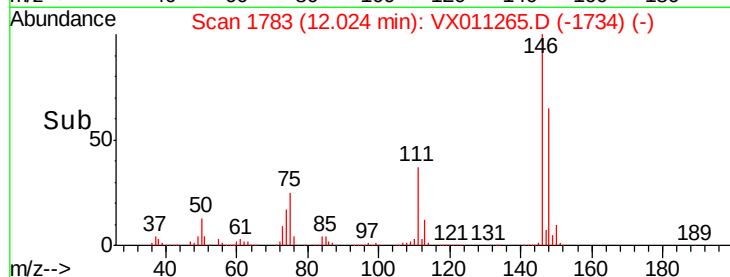
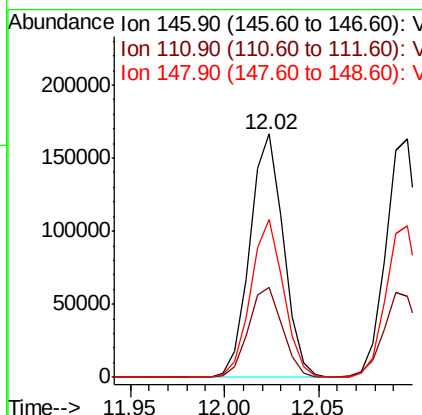
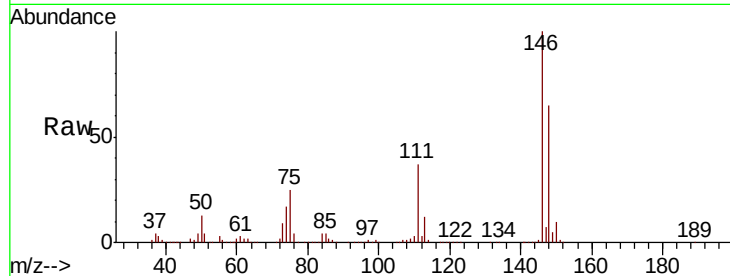




#87
 1,3-Dichlorobenzene
 Concen: 50.276 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

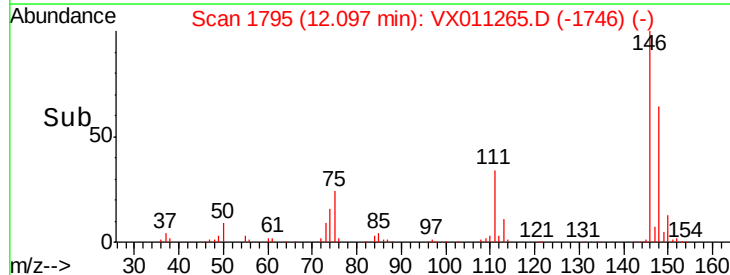
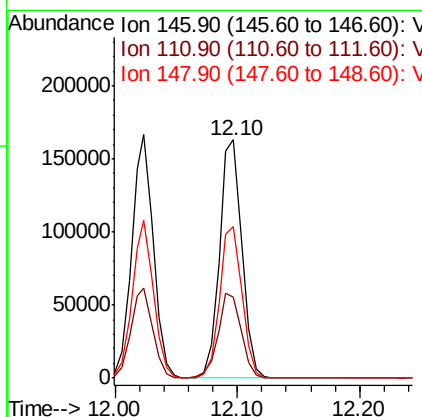
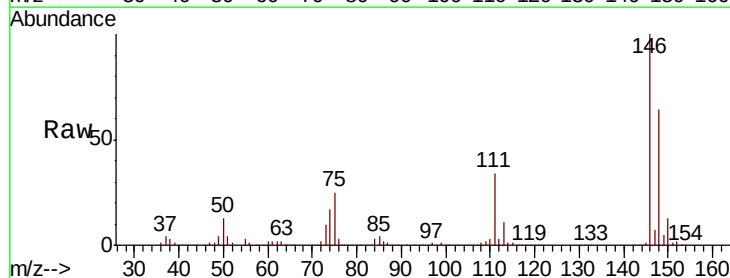
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

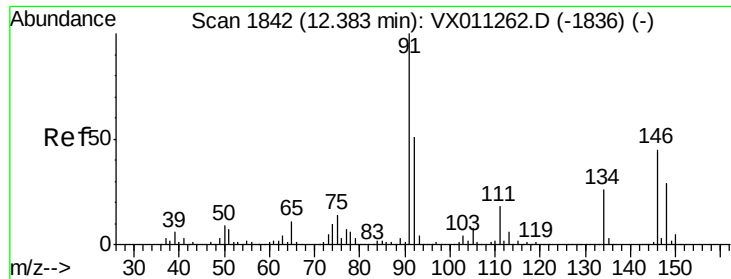
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.6	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 49.148 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.8	53.4
148	63.9	31.8	95.3

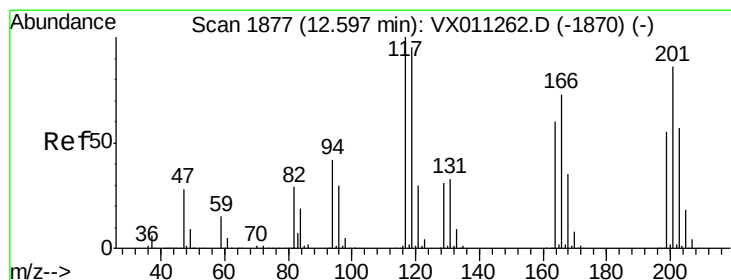
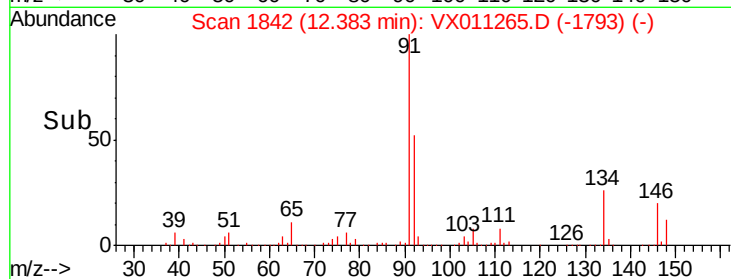
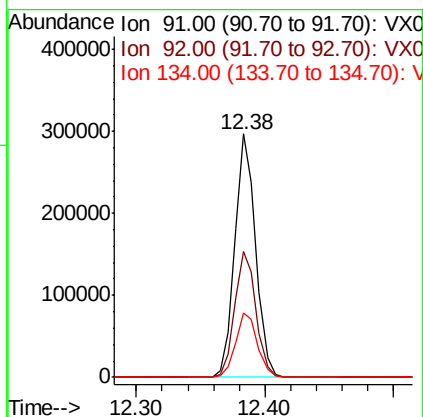
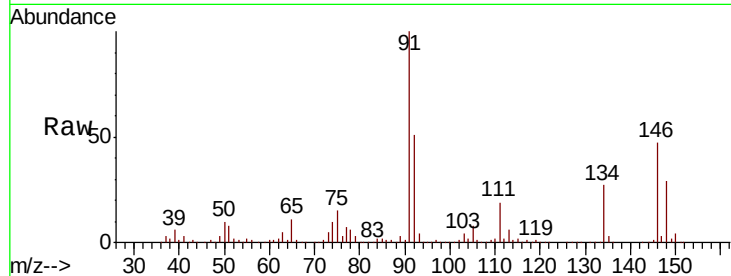




#89
n-Butylbenzene
Concen: 51.277 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

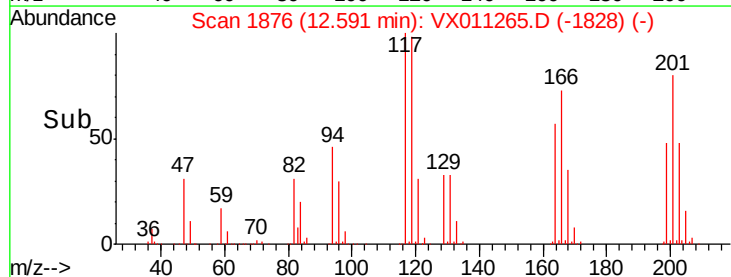
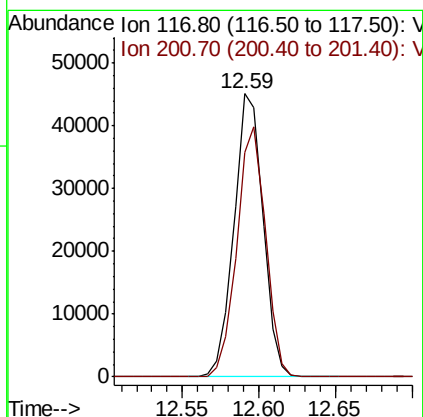
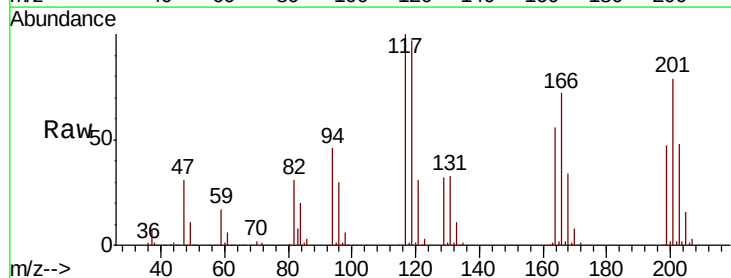
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

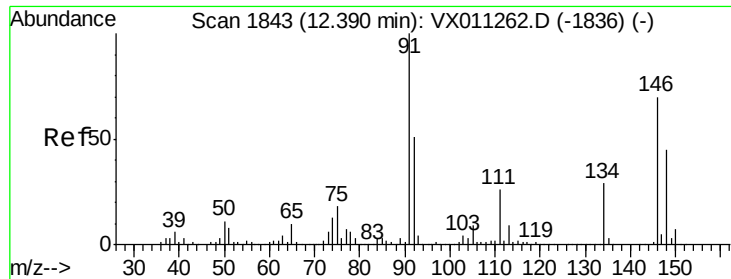
Tot Ion: 91 Resp: 334853
Ion Ratio Lower Upper
91 100
92 52.5 25.8 77.3
134 27.6 13.7 41.0



#90
Hexachloroethane
Concen: 53.036 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 117 Resp: 59434
Ion Ratio Lower Upper
117 100
201 86.8 41.8 125.4

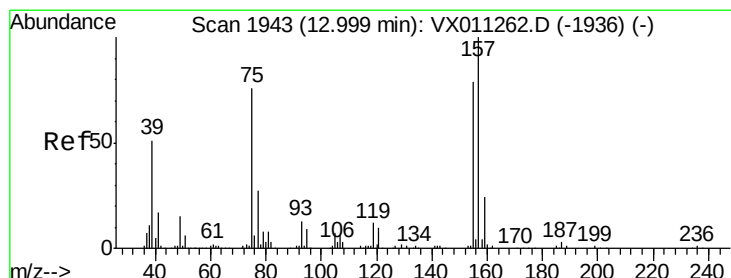
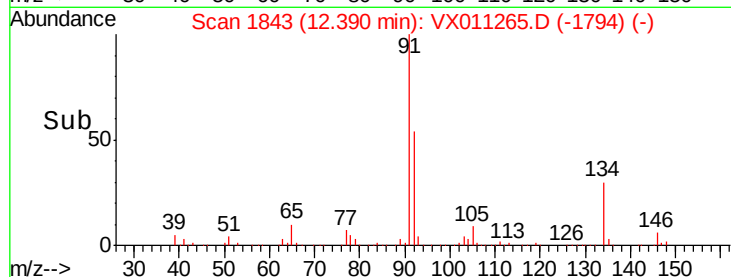
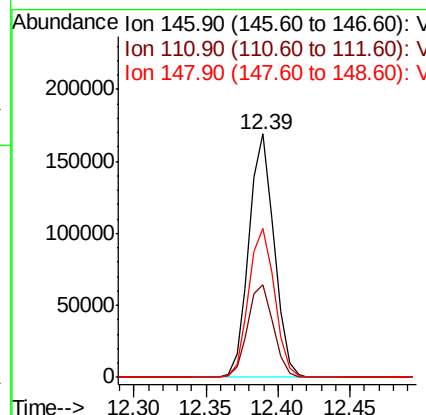
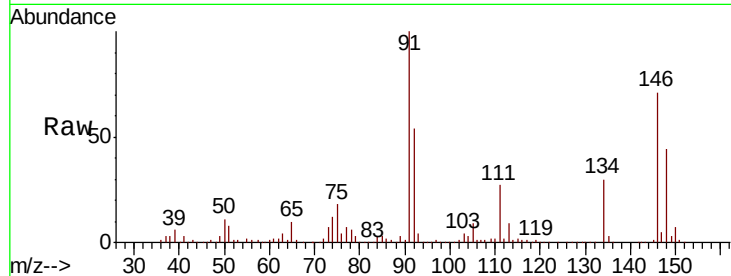




#91
 1,2-Dichlorobenzene
 Concen: 49.674 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

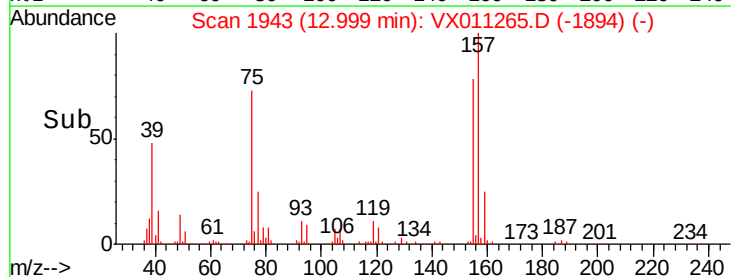
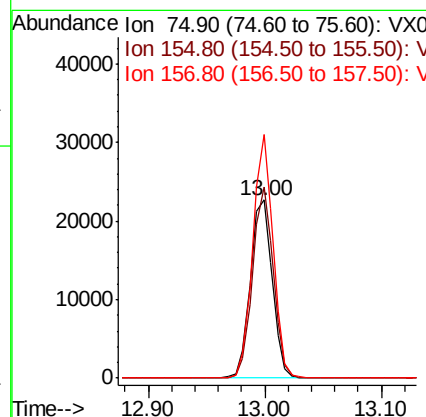
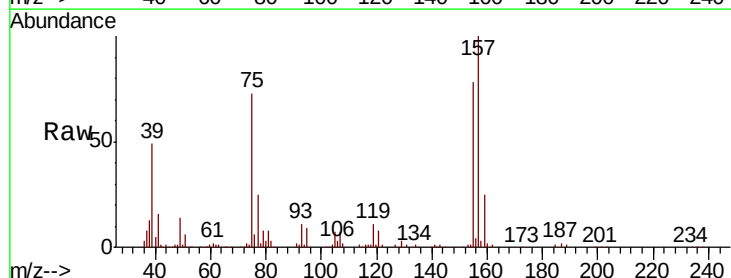
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

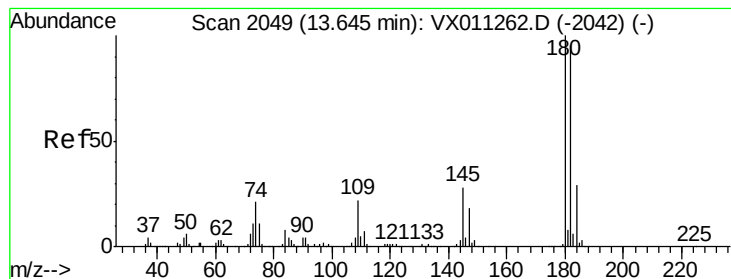
Tot Ion:146 Resp: 204262
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.1
 148 63.0 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.493 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 75 Resp: 29927
 Ion Ratio Lower Upper
 75 100
 155 101.1 51.9 155.8
 157 125.9 64.3 192.7





#93

1,2,4-Trichlorobenzene

Concen: 51.275 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

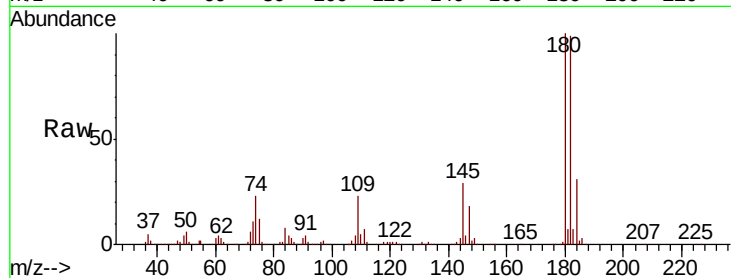
Tot Ion:180 Resp: 139828

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

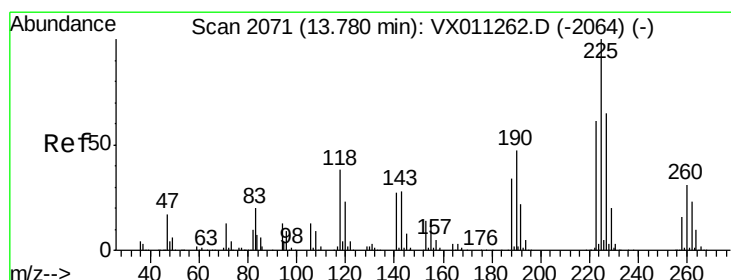
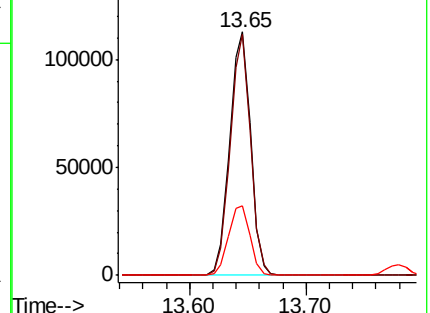
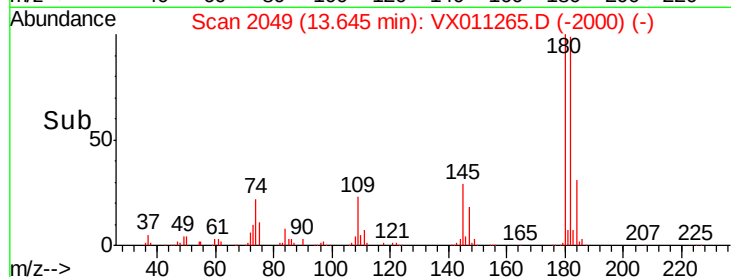
145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 50.460 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

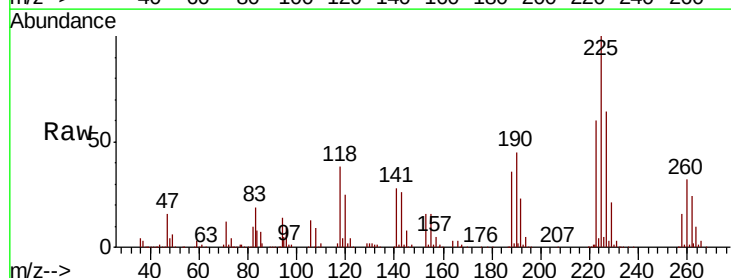
Tgt Ion:225 Resp: 69815

Ion Ratio Lower Upper

225 100

223 62.1 31.0 93.0

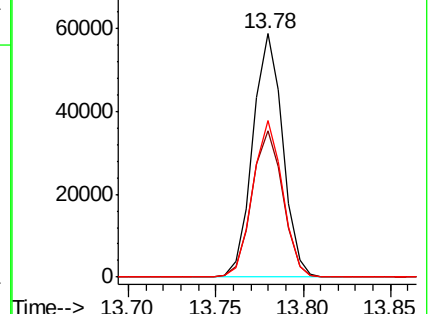
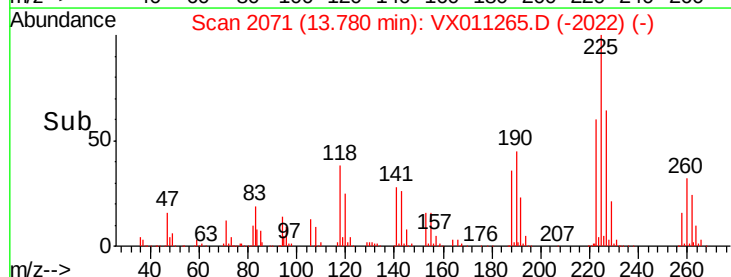
227 64.1 32.2 96.6

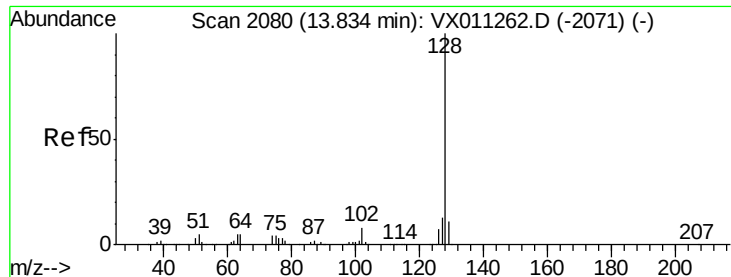


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

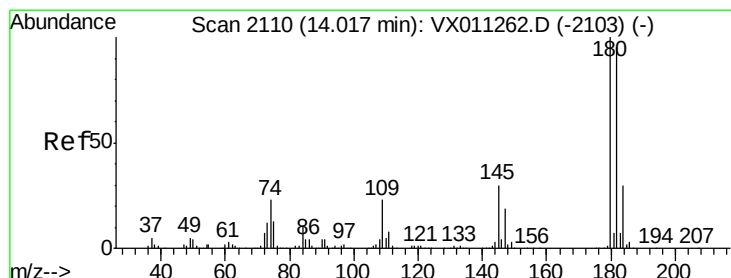
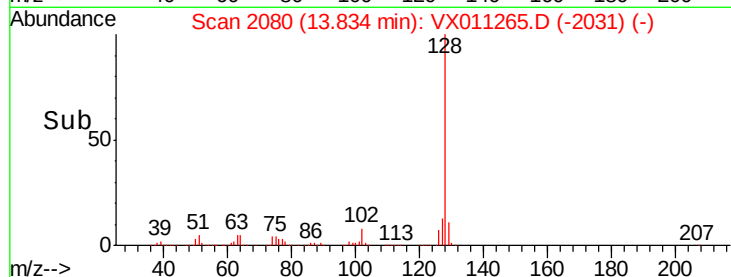
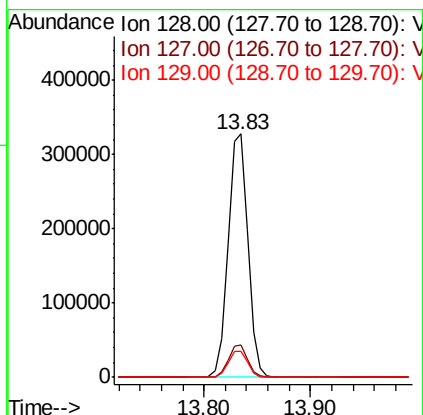
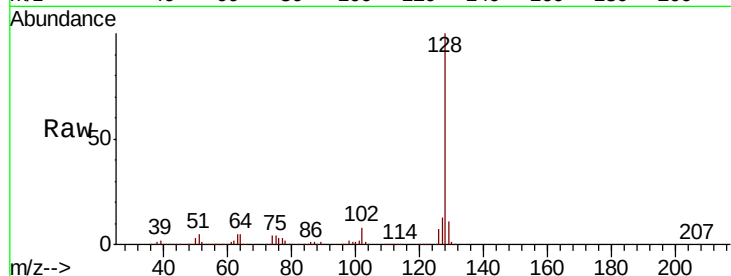




#95
Naphthalene
Concen: 53.496 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tot Ion:128 Resp: 426621
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.602 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion:180 Resp: 137515
Ion Ratio Lower Upper
180 100
182 97.2 47.4 142.3
145 31.4 15.2 45.6

