

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008417.D
 Acq On : 25 Mar 2019 17:47
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Quant Time: Mar 26 05:58:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173103	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	169372	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	126871	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
50) Toluene-d8	8.71	98	512479	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.13	95	198108	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	135025	49.638	ug/l	99
3) Chloromethane	1.32	50	180040	52.479	ug/l	100
4) Vinyl Chloride	1.40	62	184533	48.586	ug/l	99
5) Bromomethane	1.64	94	99385	49.862	ug/l	99
6) Chloroethane	1.71	64	113259	50.338	ug/l	99
7) Trichlorofluoromethane	1.92	101	213355	49.600	ug/l	97
8) Diethyl Ether	2.18	74	99170	48.715	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134611	51.780	ug/l	100
10) Methyl Iodide	2.51	142	130560	51.482	ug/l	99
11) Tert butyl alcohol	3.05	59	180481	232.838	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132532	49.364	ug/l	95
13) Acrolein	2.29	56	187633	333.334	ug/l	99
14) Allyl chloride	2.72	41	291488	49.281	ug/l	100
15) Acrylonitrile	3.14	53	456386	224.539	ug/l	100
16) Acetone	2.44	43	424517	232.161	ug/l	99
17) Carbon Disulfide	2.56	76	399412	44.847	ug/l	99
18) Methyl Acetate	2.77	43	195756	44.574	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	484812	50.111	ug/l	99
20) Methylene Chloride	2.85	84	156432	52.449	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	140440	52.510	ug/l	99
22) Diisopropyl ether	3.85	45	575594	49.421	ug/l	93
23) Vinyl Acetate	3.81	43	2543739	250.343	ug/l	99
24) 1,1-Dichloroethane	3.69	63	291004	49.492	ug/l	99
25) 2-Butanone	4.67	43	678183	231.344	ug/l	100
26) 2,2-Dichloropropane	4.58	77	209208	53.495	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	162761	49.577	ug/l	99
28) Bromochloromethane	5.01	49	136013	46.822	ug/l	100
29) Tetrahydrofuran	5.12	42	427718	221.379	ug/l	100
30) Chloroform	5.21	83	263972	49.746	ug/l	98
31) Cyclohexane	5.57	56	287096	51.195	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	217365	51.247	ug/l	100
36) 1,1-Dichloropropene	5.79	75	211354	52.345	ug/l	100
37) Ethyl Acetate	4.83	43	256851	49.103	ug/l	100
38) Carbon Tetrachloride	5.78	117	182699	54.219	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	270411	56.039	ug/l	99
40) Benzene	6.14	78	628732	52.013	ug/l	100
41) Methacrylonitrile	5.04	41	145976	49.659	ug/l	99
42) 1,2-Dichloroethane	6.19	62	222251	50.217	ug/l	100
43) Isopropyl Acetate	6.44	43	422746	50.527	ug/l	100
44) Trichloroethene	7.21	130	146180	51.504	ug/l	98
45) 1,2-Dichloropropane	7.51	63	178950	52.083	ug/l	99
46) Dibromomethane	7.66	93	102488	51.081	ug/l	99
47) Bromodichloromethane	7.90	83	208695	54.343	ug/l	98
48) Methyl methacrylate	7.77	41	218358	52.159	ug/l	99
49) 1,4-Dioxane	7.74	88	79636	956.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1375652	253.144	ug/l	100
52) Toluene	8.78	92	383882	53.112	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	239684	56.981	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	266309	55.676	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	151953	51.646	ug/l	99
56) Ethyl methacrylate	9.18	69	285883	53.829	ug/l	100
57) 1,3-Dichloropropane	9.37	76	271779	51.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	566725	206.435	ug/l	99
59) 2-Hexanone	9.49	43	1075851	255.500	ug/l	100
60) Dibromochloromethane	9.58	129	155825	55.690	ug/l	99
61) 1,2-Dibromoethane	9.67	107	157268	52.378	ug/l	100
64) Tetrachloroethene	9.34	164	122786	52.315	ug/l	98
65) Chlorobenzene	10.13	112	395436	52.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	139811	53.750	ug/l	99
67) Ethyl Benzene	10.25	91	752441	52.881	ug/l	100
68) m/p-Xylenes	10.36	106	548355	105.934	ug/l	99
69) o-Xylene	10.69	106	265514	52.856	ug/l	100
70) Styrene	10.71	104	476099	54.868	ug/l	99
71) Bromoform	10.85	173	112960	54.990	ug/l	# 100
73) Isopropylbenzene	11.02	105	720019	51.128	ug/l	100
74) N-amyl acetate	10.90	43	411937	50.536	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	255994	46.850	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	296531	57.621	ug/l	82
77) Bromobenzene	11.26	156	169942	49.721	ug/l	99
78) n-propylbenzene	11.36	91	867427	52.581	ug/l	100
79) 2-Chlorotoluene	11.42	91	506723	50.500	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	619330	52.019	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	86606	53.901	ug/l	99
82) 4-Chlorotoluene	11.51	91	598790	51.734	ug/l	100
83) tert-Butylbenzene	11.77	119	598641	52.116	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	621801	51.635	ug/l	99
85) sec-Butylbenzene	11.94	105	726314	53.096	ug/l	100
86) p-Isopropyltoluene	12.06	119	656556	54.394	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	312168	51.118	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	314589	51.044	ug/l	100
89) n-Butylbenzene	12.38	91	645743	56.474	ug/l	100
90) Hexachloroethane	12.60	117	111158	55.279	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	308684	50.476	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54851	46.039	ug/l	98

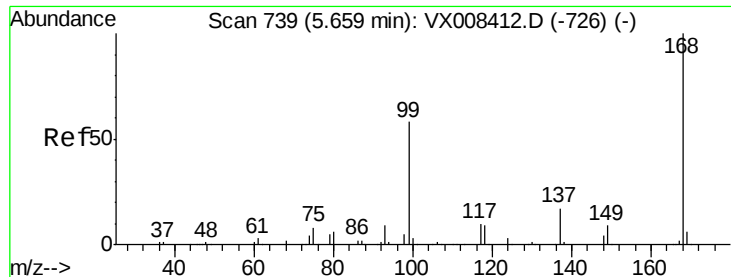
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	220895	53.651	ug/l	99
94) Hexachlorobutadiene	13.78	225	107861	55.171	ug/l	99
95) Naphthalene	13.83	128	697389	49.405	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	215404	52.064	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

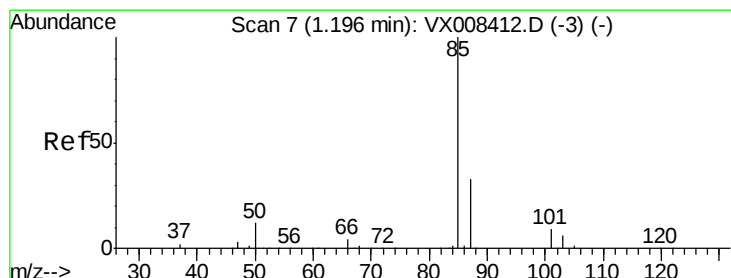
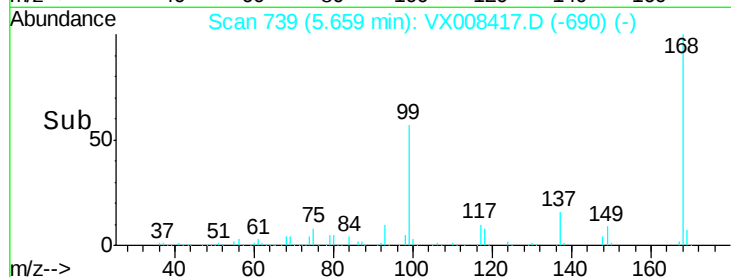
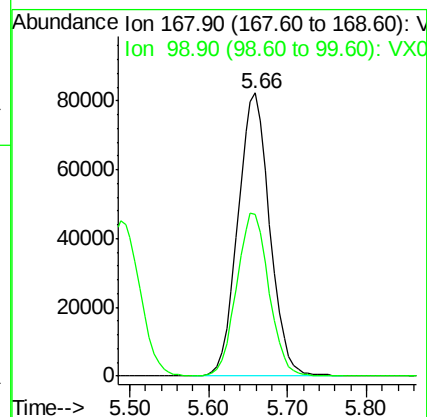
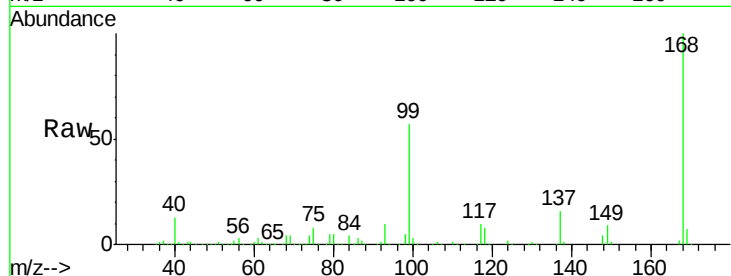
ICVVX032519

Tot Ion:168 Resp: 230773

Ion Ratio Lower Upper

168 100

99 56.9 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 49.638 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008417.D

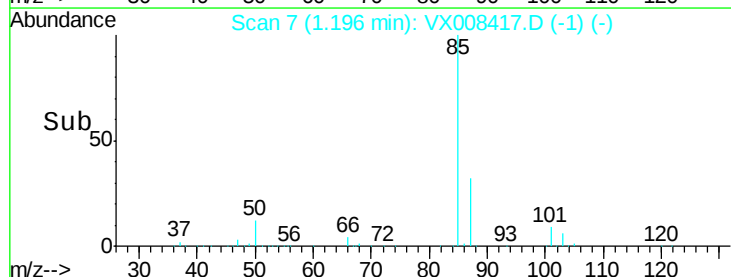
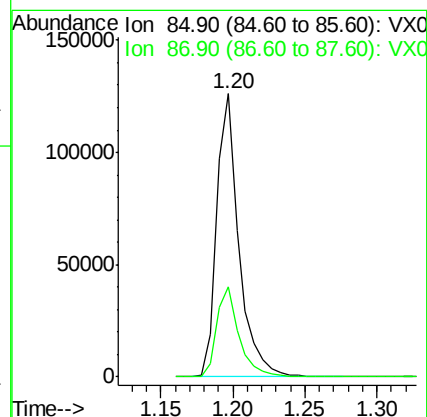
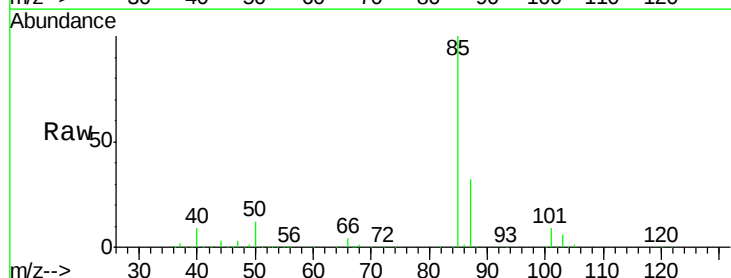
Acq: 25 Mar 2019 17:47

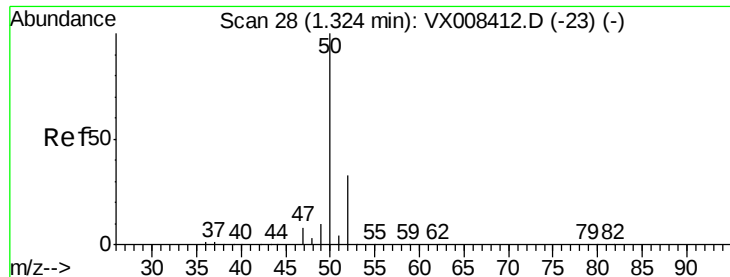
Tgt Ion: 85 Resp: 135025

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.1





#3

Chloromethane

Concen: 52.479 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

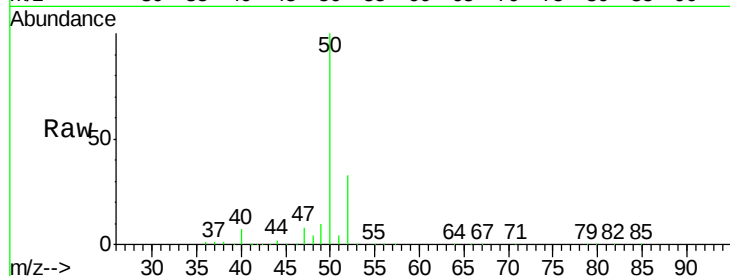
ICVVX032519

Tot Ion: 50 Resp: 180040

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

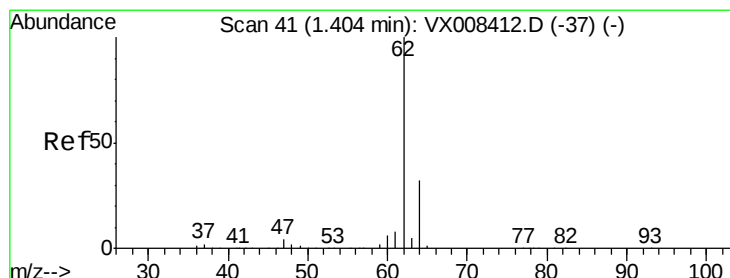
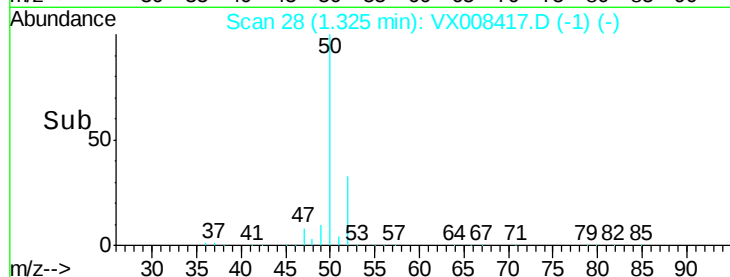
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 48.586 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008417.D

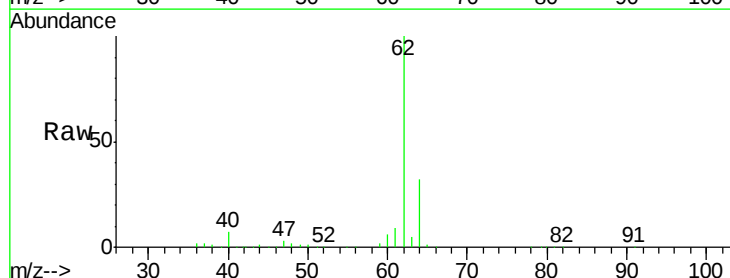
Acq: 25 Mar 2019 17:47

Tgt Ion: 62 Resp: 184533

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

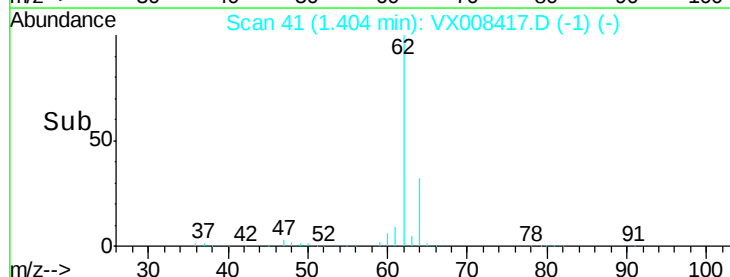
150000

100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 49.862 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

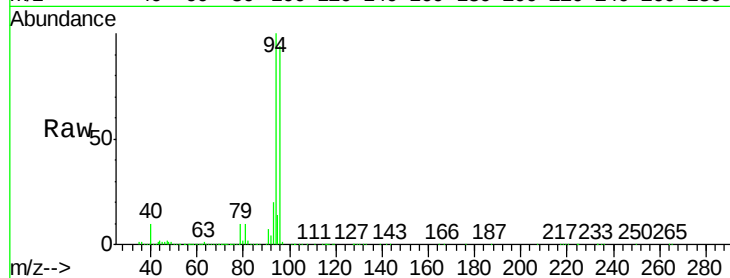
ICVVX032519

Tot Ion: 94 Resp: 99385

Ion Ratio Lower Upper

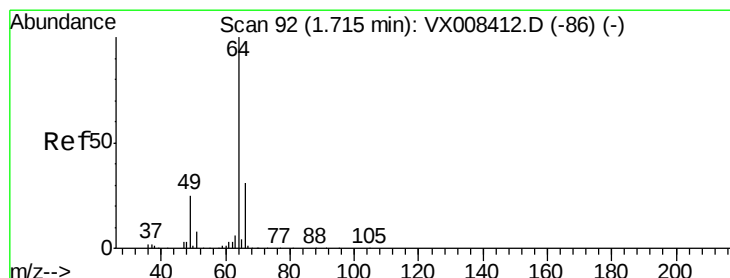
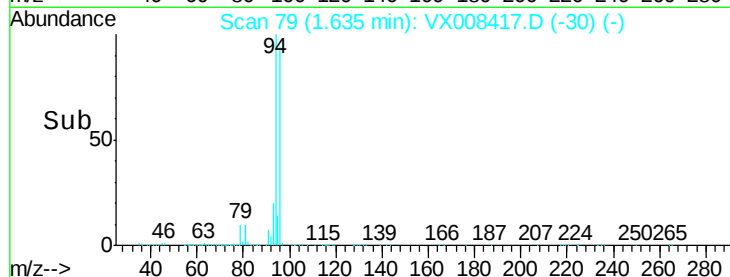
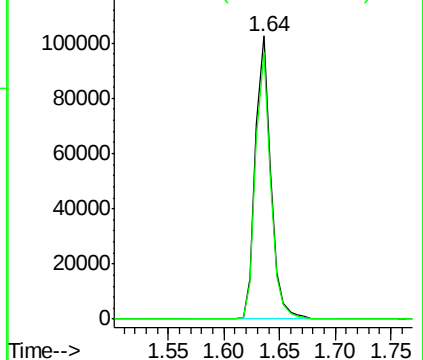
94 100

96 94.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.338 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008417.D

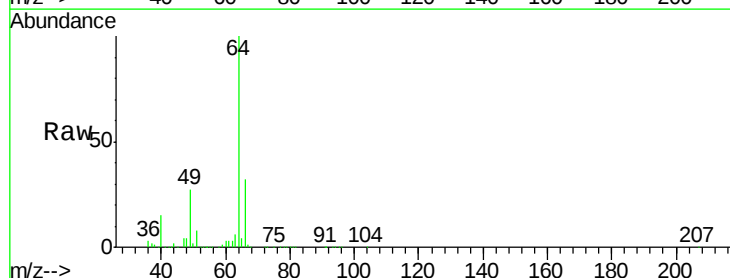
Acq: 25 Mar 2019 17:47

Tgt Ion: 64 Resp: 113259

Ion Ratio Lower Upper

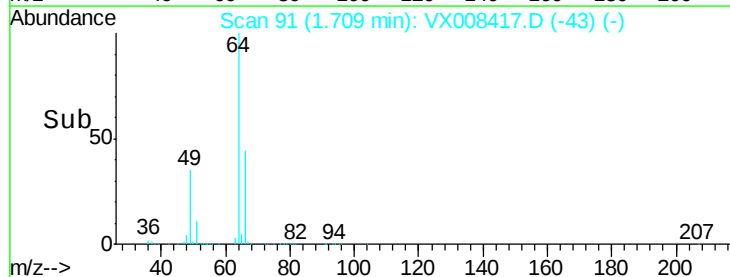
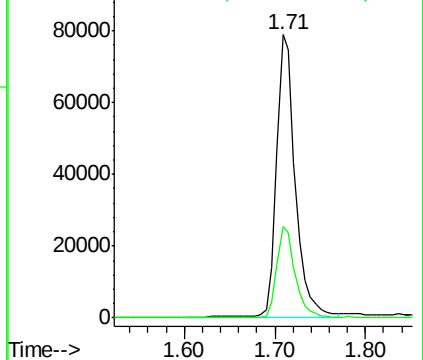
64 100

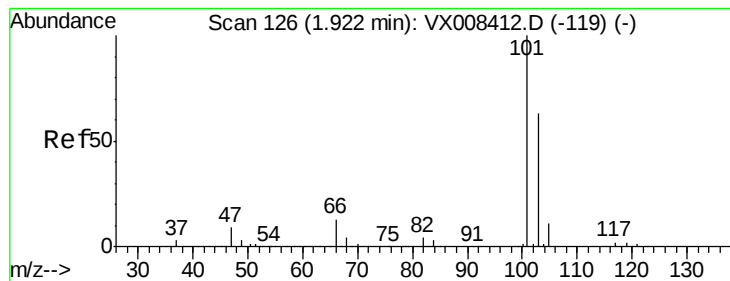
66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



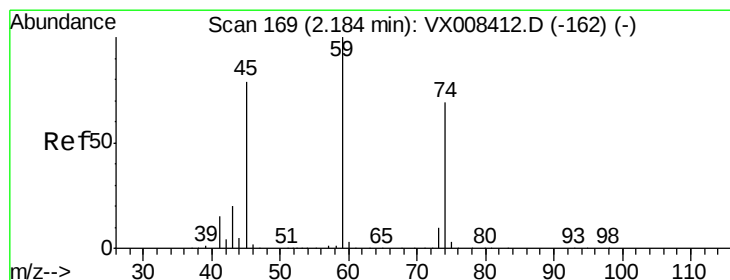
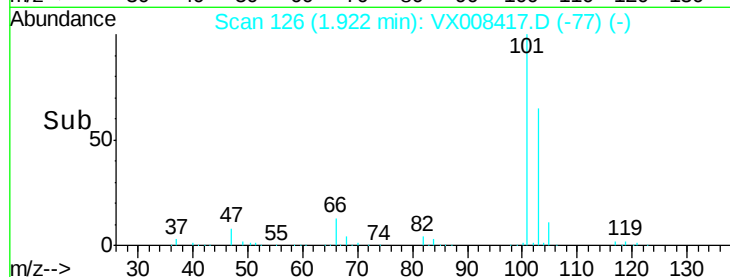
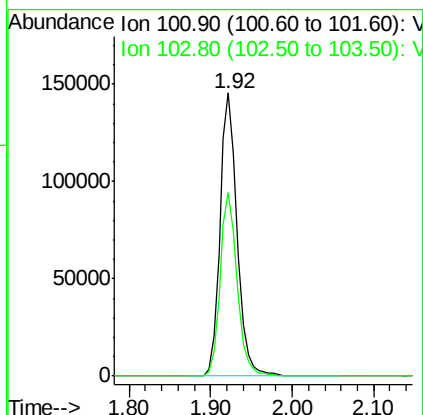
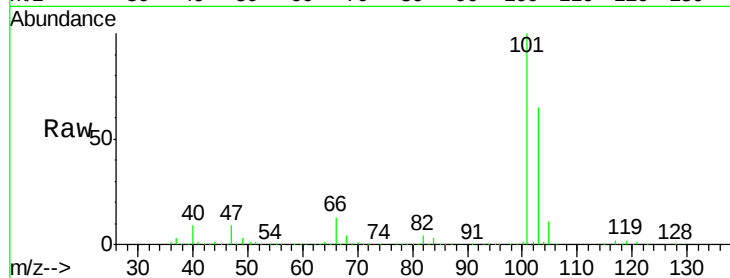


#7

Trichlorofluoromethane
 Concen: 49.600 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
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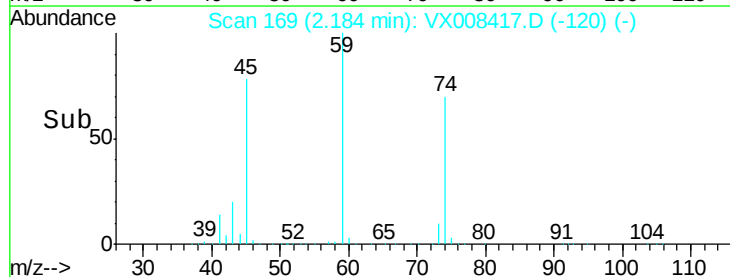
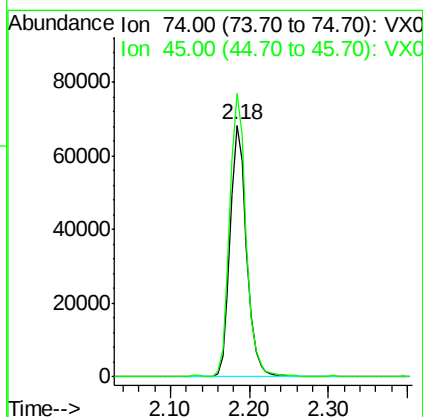
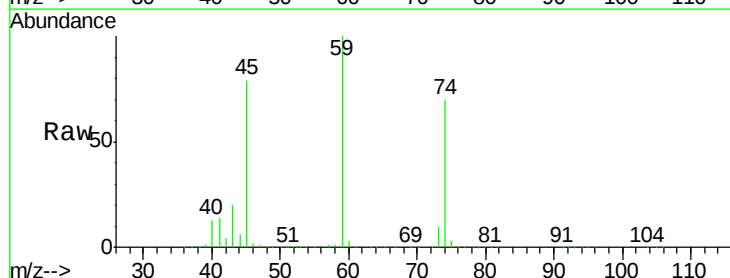
Tot Ion:101 Resp: 213355
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.2 75.4

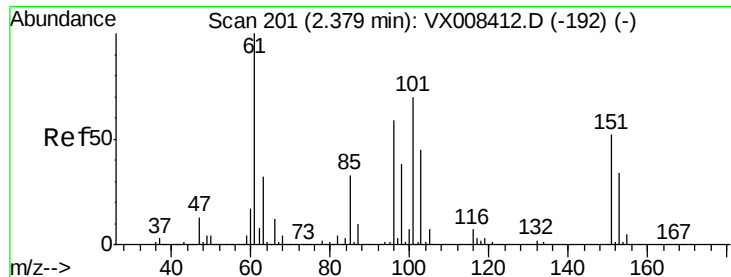


#8

Diethyl Ether
 Concen: 48.715 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion: 74 Resp: 99170
 Ion Ratio Lower Upper
 74 100
 45 111.9 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.780 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

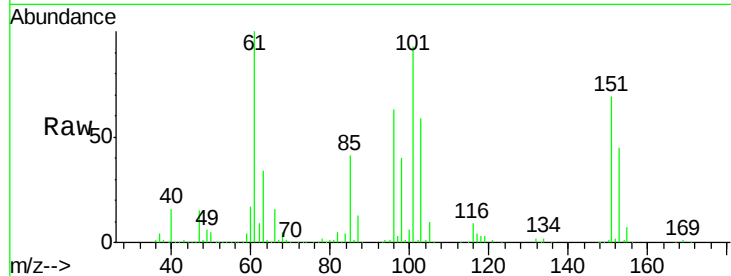
Tot Ion:101 Resp: 134611

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

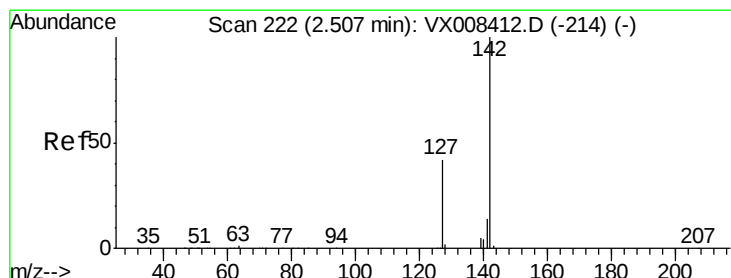
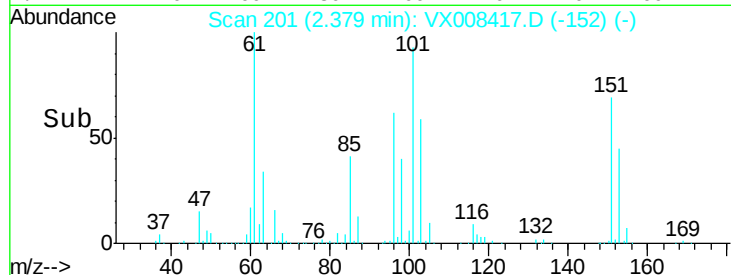
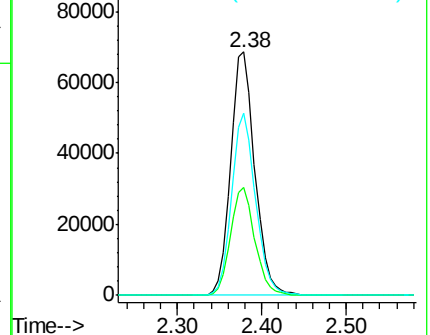
151 74.2 59.2 88.8



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: 51.482 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

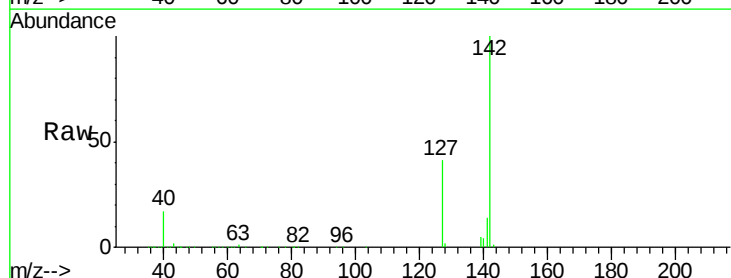
Tgt Ion:142 Resp: 130560

Ion Ratio Lower Upper

142 100

127 41.2 33.6 50.4

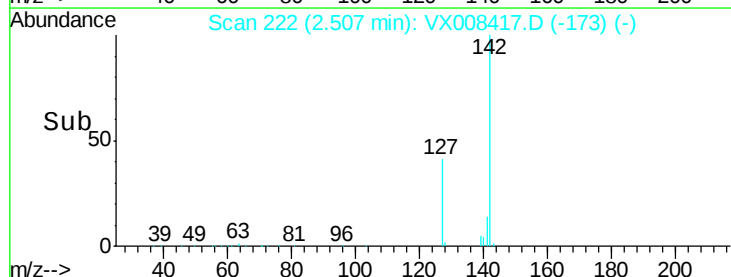
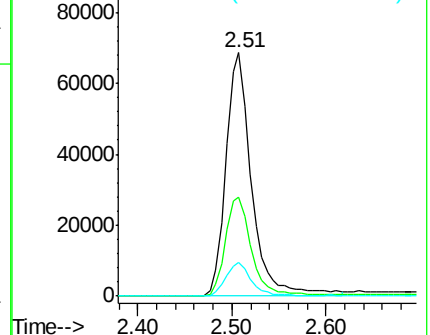
141 13.7 11.3 16.9

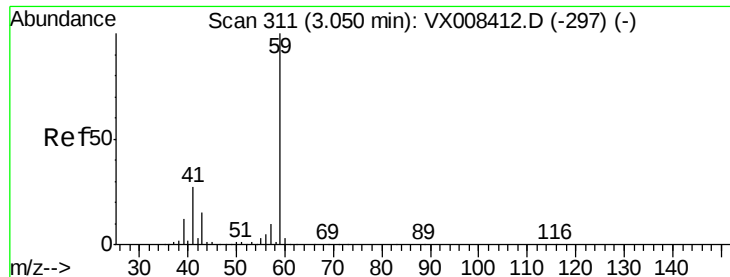


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



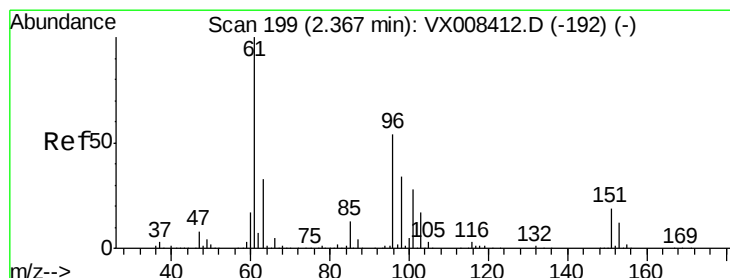
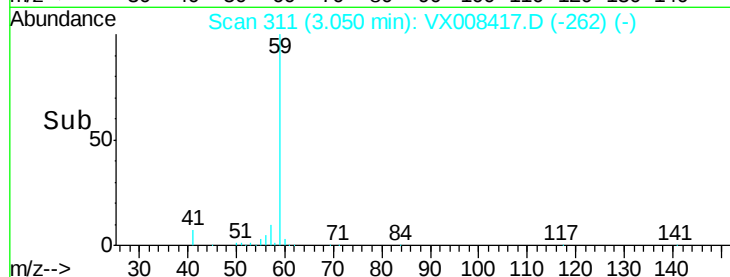
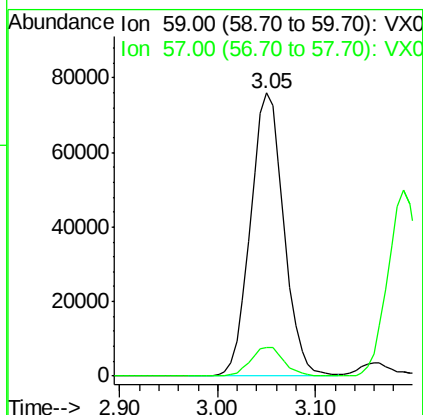
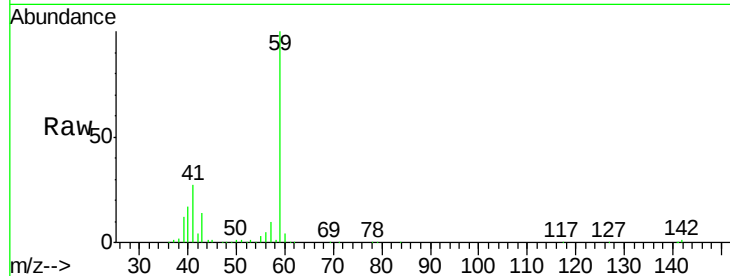


#11

Tert butyl alcohol
 Concen: 232.838 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

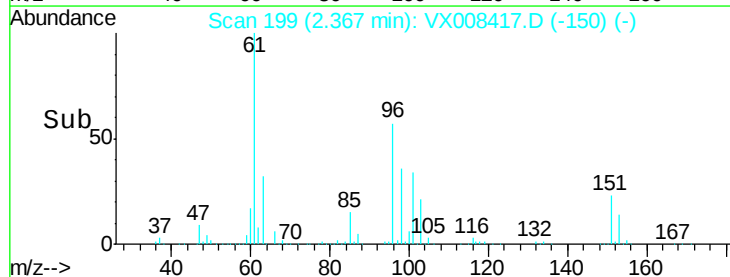
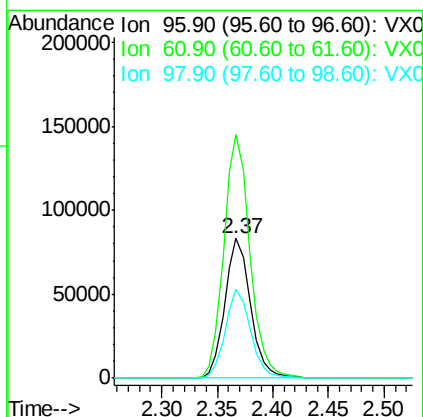
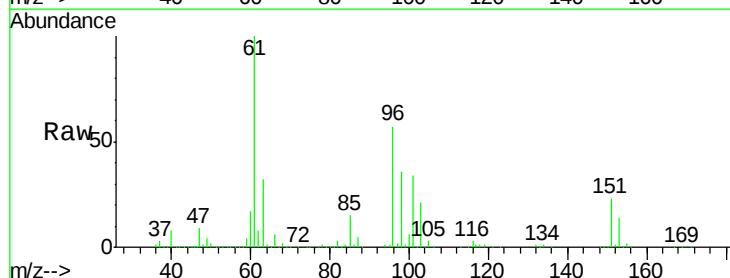
Tot Ion: 59 Resp: 180481
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

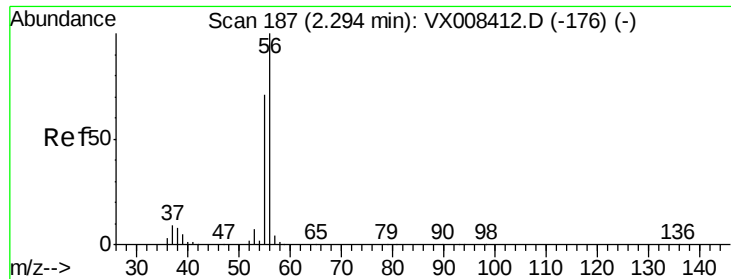


#12

1,1-Dichloroethene
 Concen: 49.364 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion: 96 Resp: 132532
 Ion Ratio Lower Upper
 96 100
 61 174.9 146.9 220.3
 98 63.7 50.1 75.1

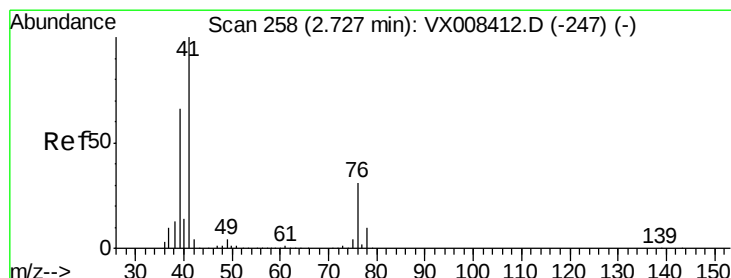
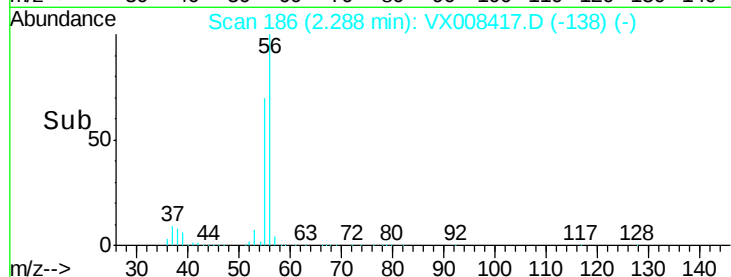
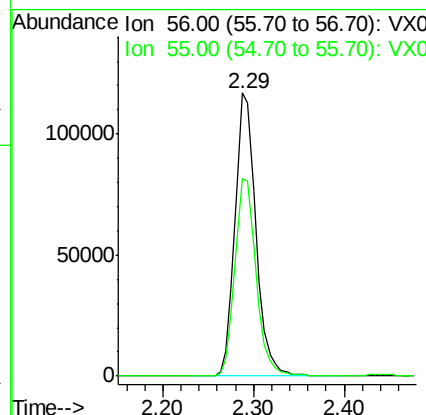
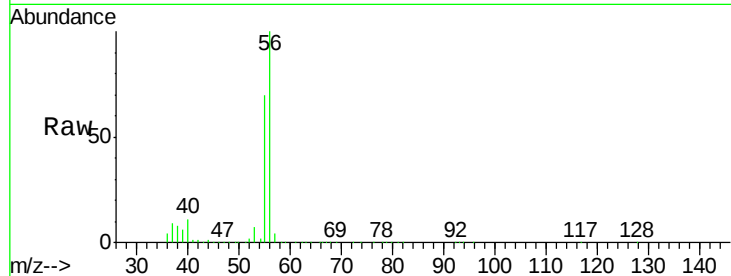




#13
 Acrolein
 Concen: 333.334 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

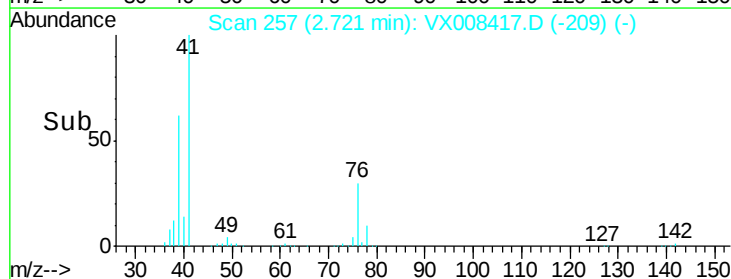
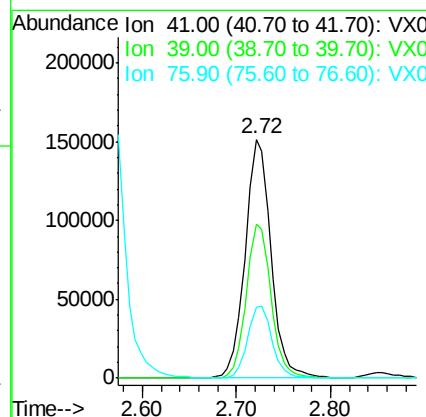
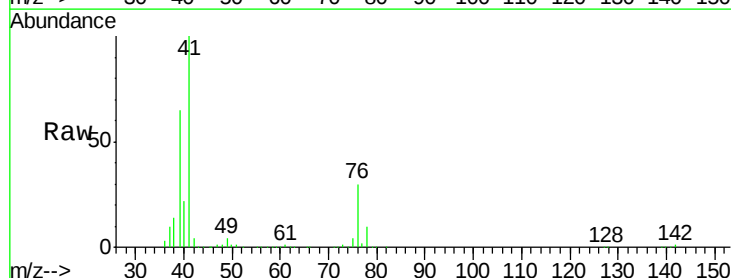
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion: 56 Resp: 187633
 Ion Ratio Lower Upper
 56 100
 55 71.3 56.5 84.7



#14
 Allyl chloride
 Concen: 49.281 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion: 41 Resp: 291488
 Ion Ratio Lower Upper
 41 100
 39 62.0 49.6 74.4
 76 28.9 22.6 34.0





#15

Acrylonitrile

Concen: 224.539 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

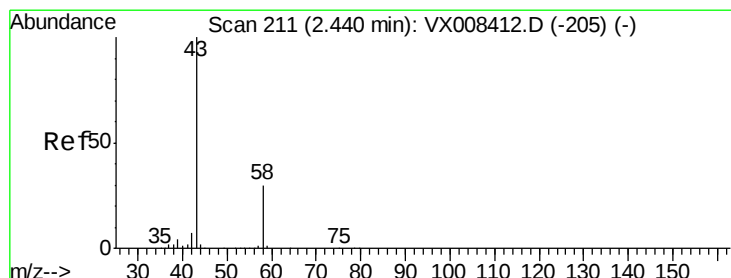
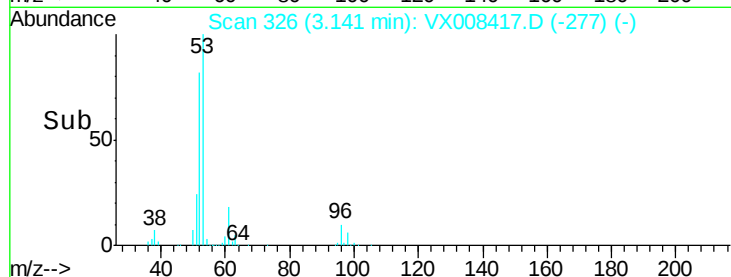
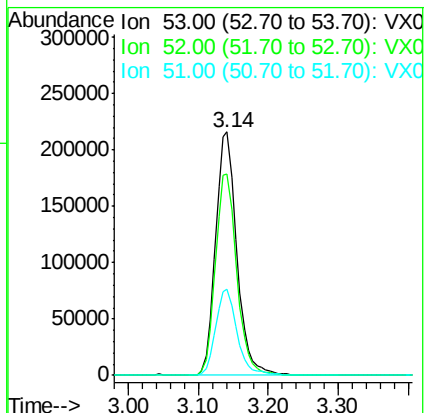
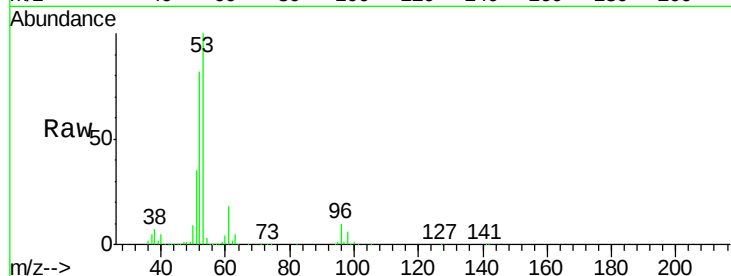
Tot Ion: 53 Resp: 456386

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

51 35.8 28.3 42.5



#16

Acetone

Concen: 232.161 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008417.D

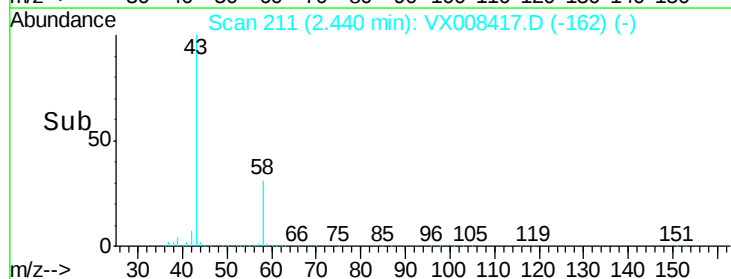
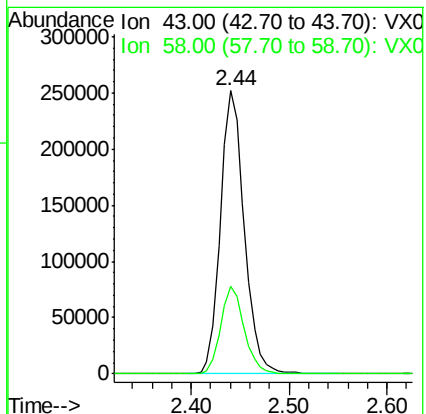
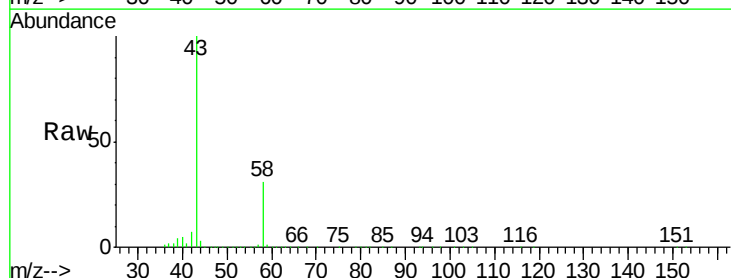
Acq: 25 Mar 2019 17:47

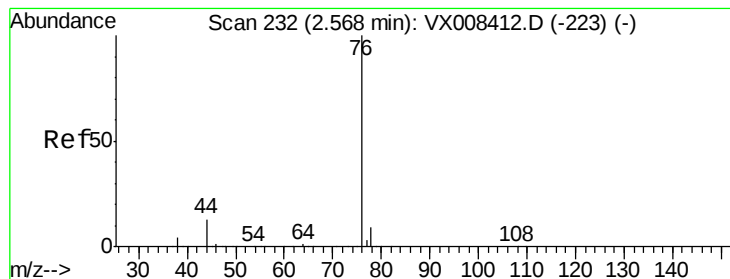
Tgt Ion: 43 Resp: 424517

Ion Ratio Lower Upper

43 100

58 30.9 24.2 36.2





#17

Carbon Disulfide

Concen: 44.847 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

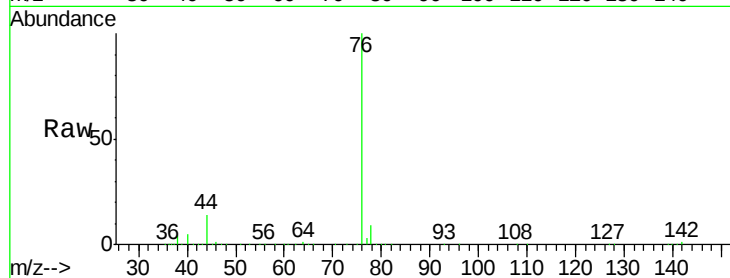
ICVVX032519

Tot Ion: 76 Resp: 399412

Ion Ratio Lower Upper

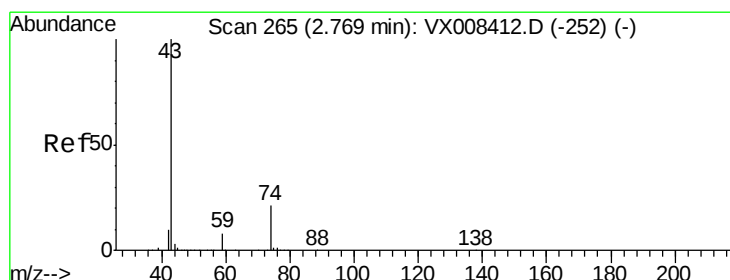
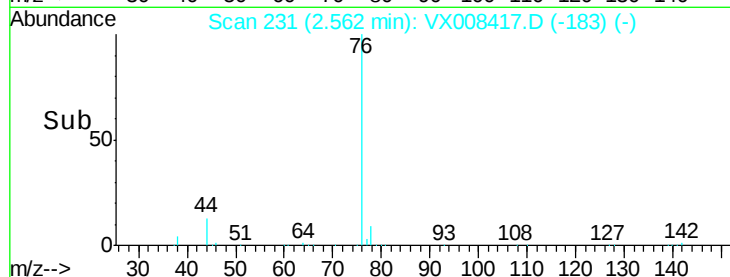
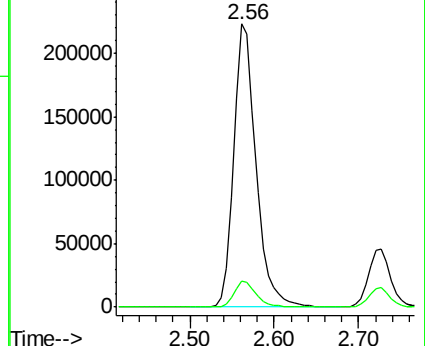
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.574 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008417.D

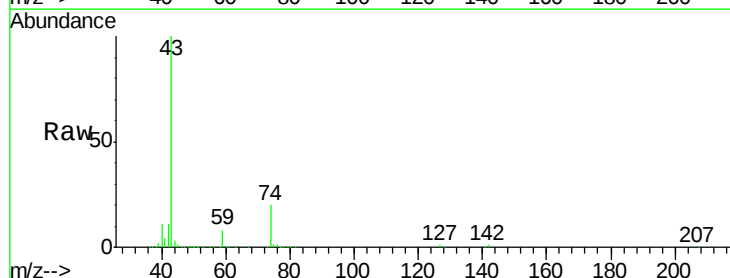
Acq: 25 Mar 2019 17:47

Tgt Ion: 43 Resp: 195756

Ion Ratio Lower Upper

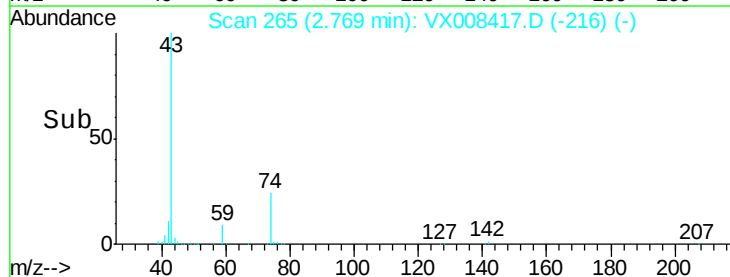
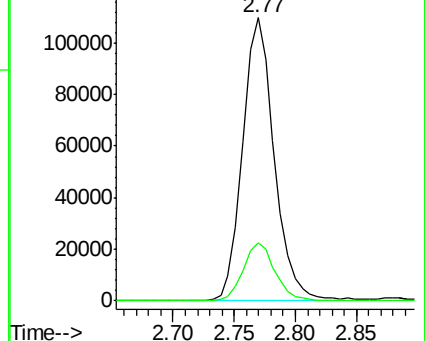
43 100

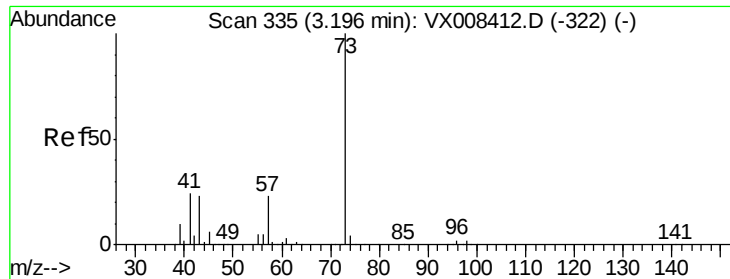
74 21.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

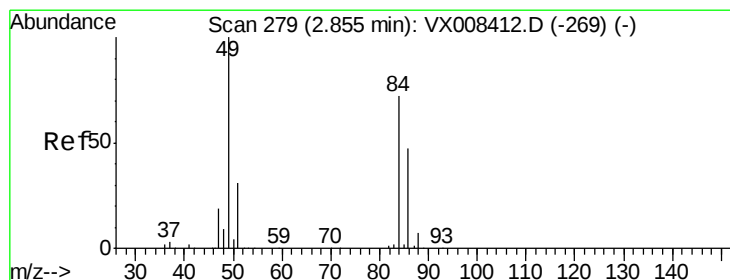
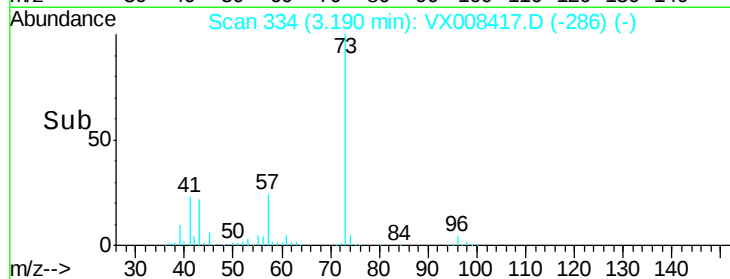
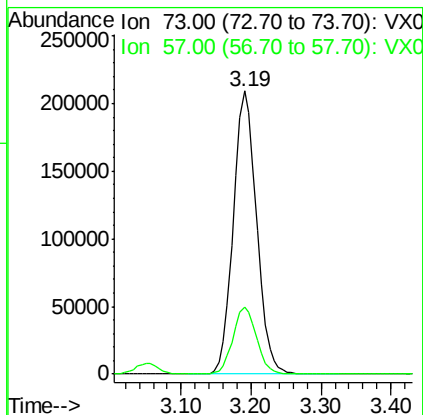
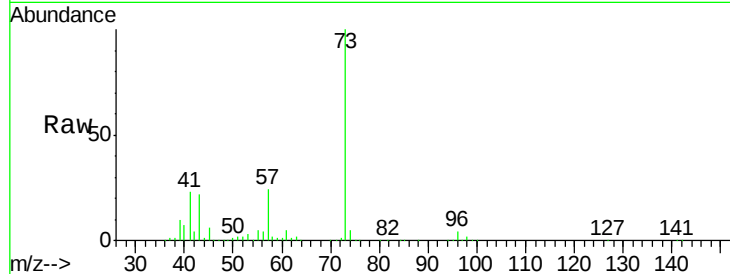




#19
Methvl tert-butvl Ether
Concen: 50.111 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

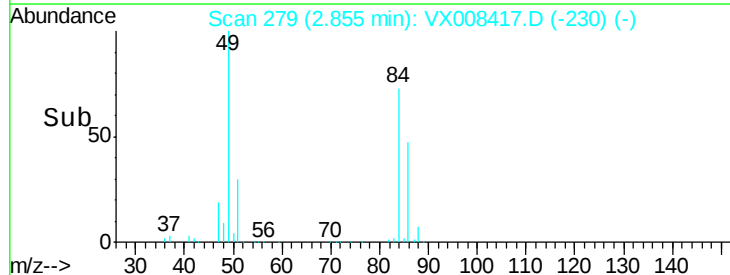
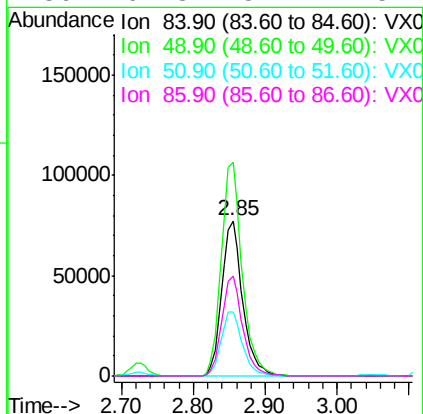
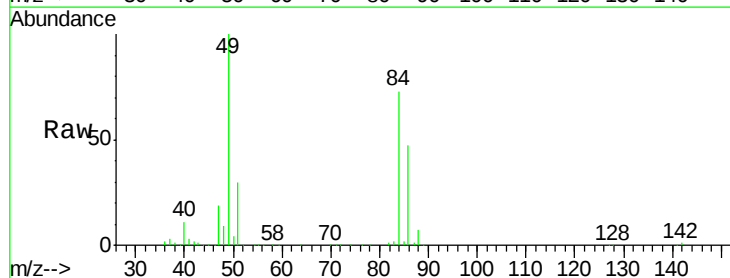
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

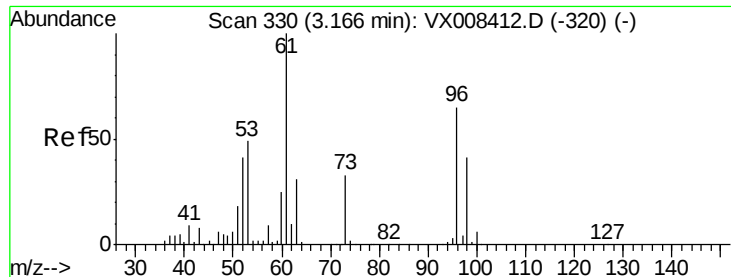
Tot Ion: 73 Resp: 484812
Ion Ratio Lower Upper
73 100
57 23.9 18.6 28.0



#20
Methylene Chloride
Concen: 52.449 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 84 Resp: 156432
Ion Ratio Lower Upper
84 100
49 137.8 110.6 165.8
51 41.5 33.9 50.9
86 64.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 52.510 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

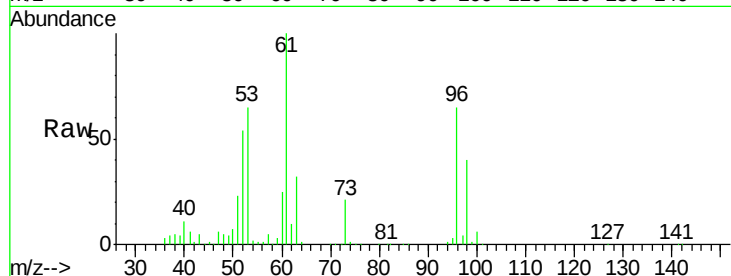
Tot Ion: 96 Resp: 140440

Ion Ratio Lower Upper

96 100

61 154.8 122.6 184.0

98 62.5 50.9 76.3

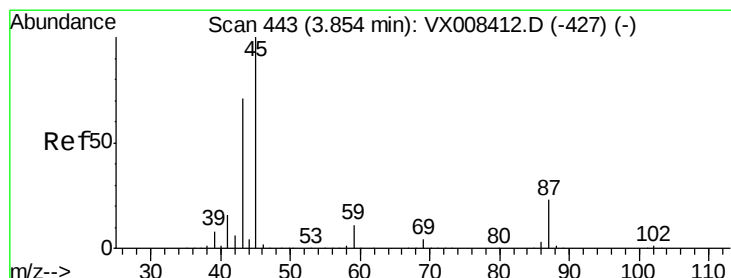
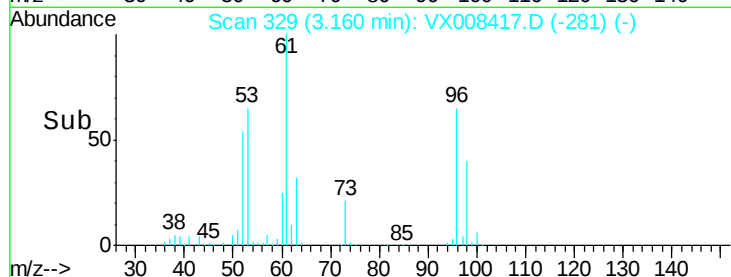
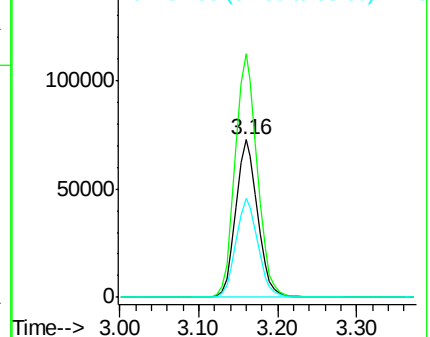


Abundance

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: 49.421 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion: 45 Resp: 575594

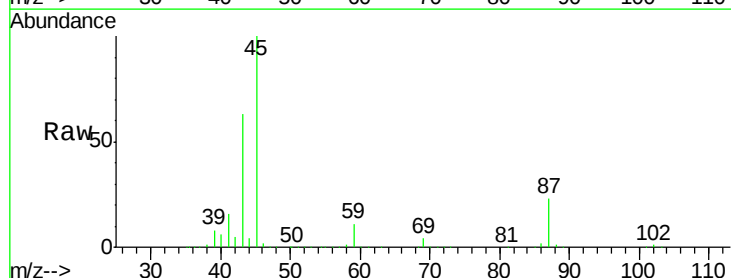
Ion Ratio Lower Upper

45 100

43 62.9 57.1 85.7

87 22.7 18.8 28.2

59 11.1 8.7 13.1



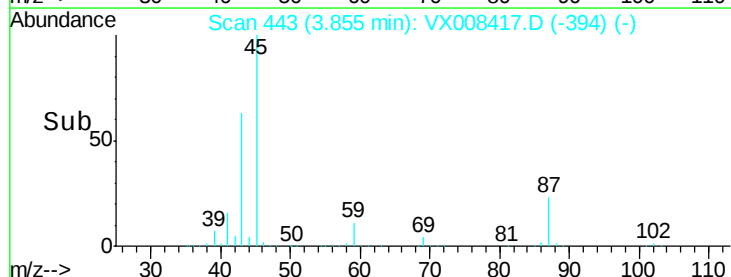
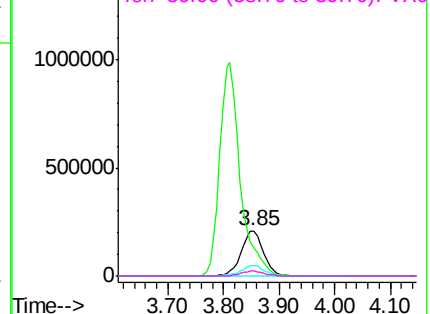
Abundance

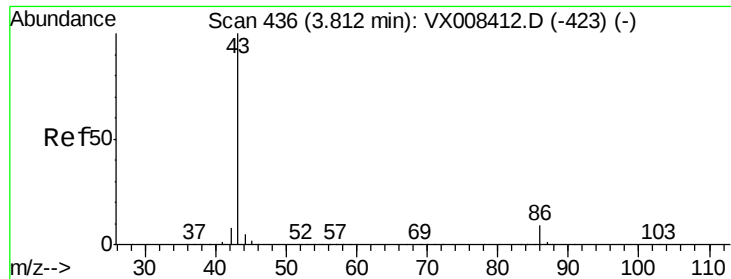
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 250.343 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

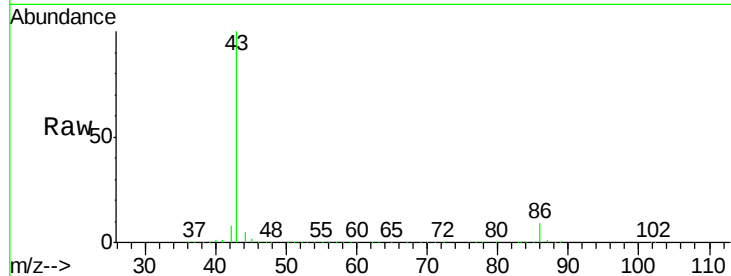
ICVVX032519

Tot Ion: 43 Resp: 2543739

Ion Ratio Lower Upper

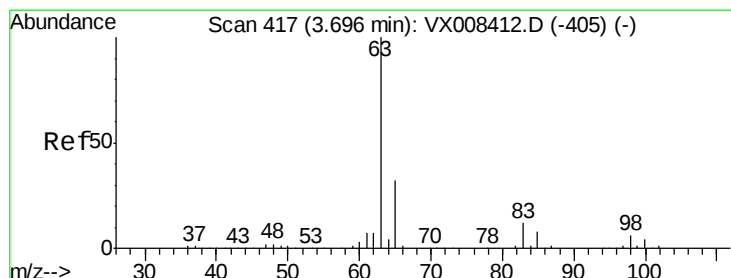
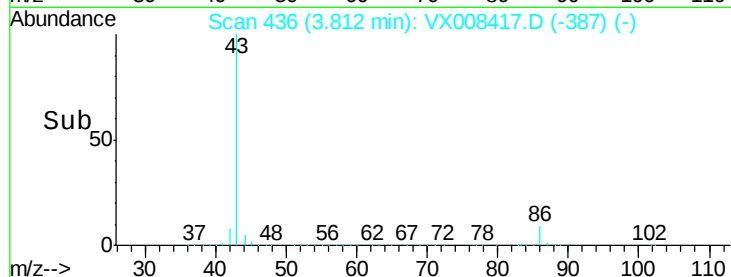
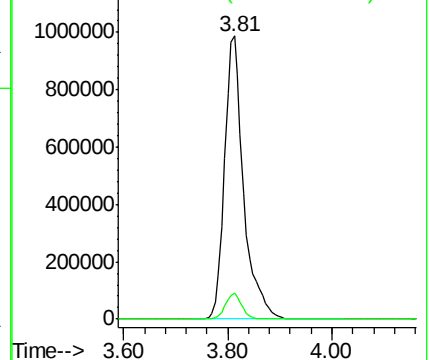
43 100

86 9.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.492 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

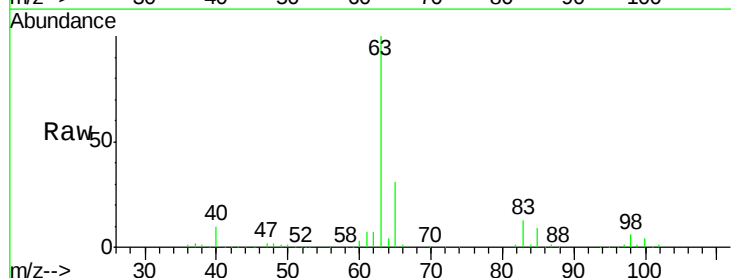
Tgt Ion: 63 Resp: 291004

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

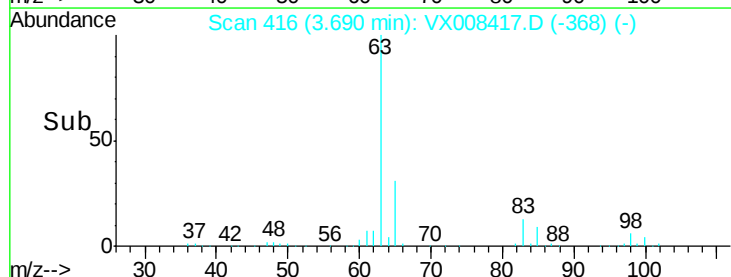
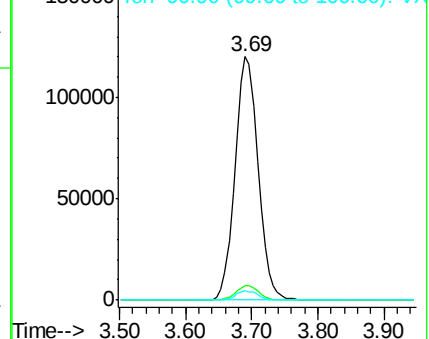
100 3.7 2.0 5.8

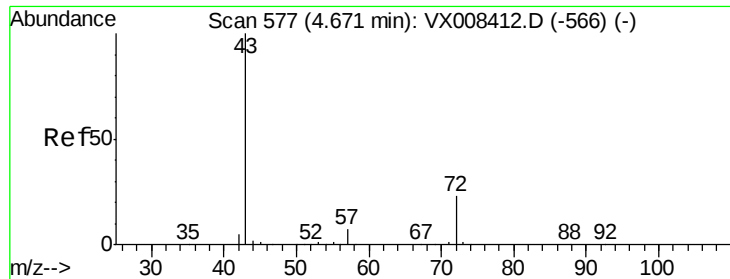


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 231.344 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

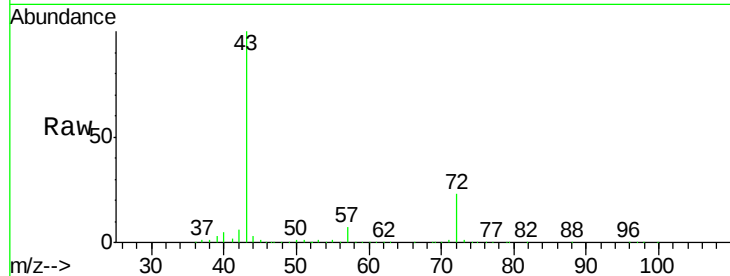
ICVVX032519

Tot Ion: 43 Resp: 678183

Ion Ratio Lower Upper

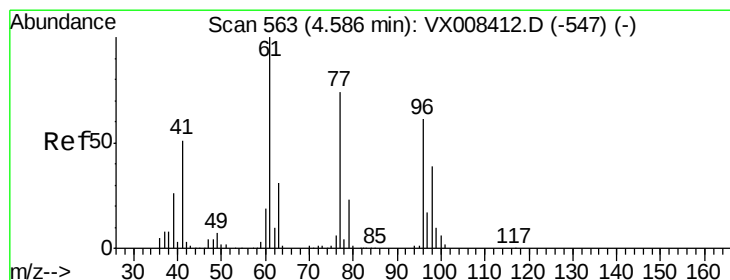
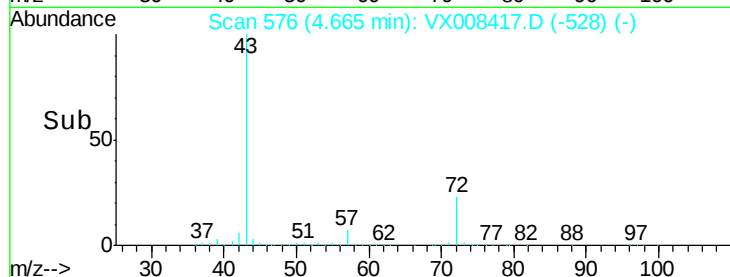
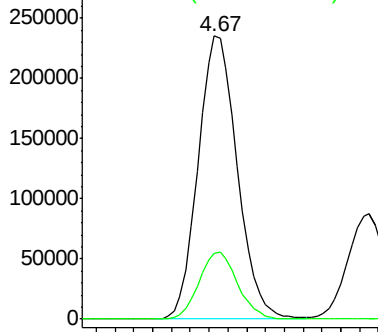
43 100

72 23.2 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.495 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008417.D

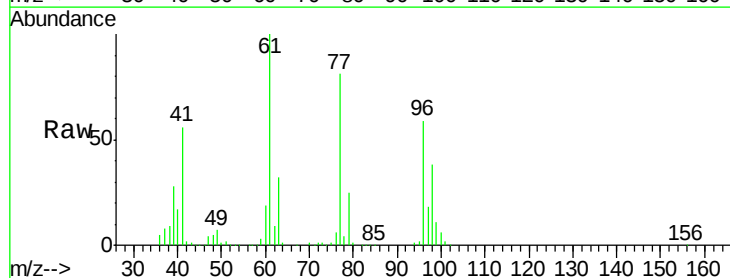
Acq: 25 Mar 2019 17:47

Tgt Ion: 77 Resp: 209208

Ion Ratio Lower Upper

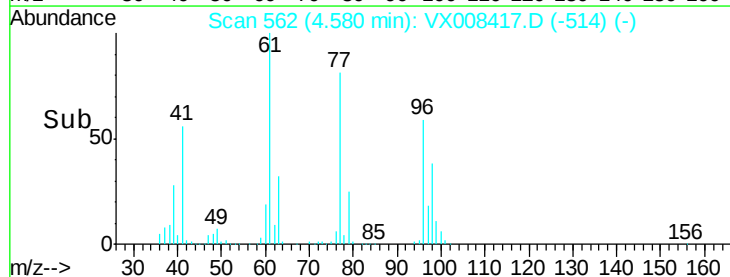
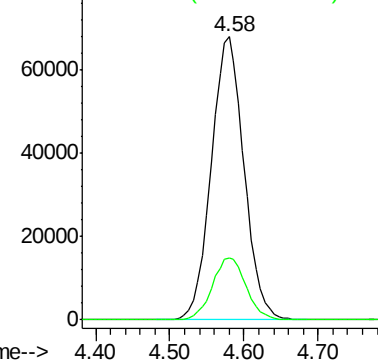
77 100

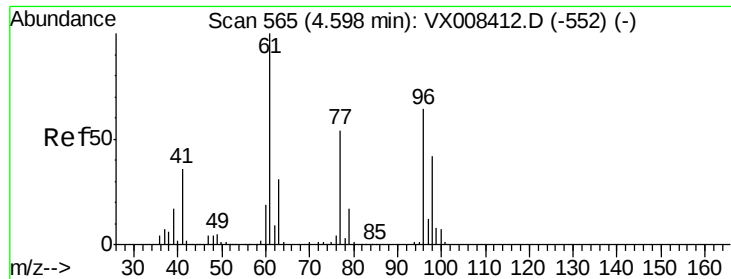
97 22.6 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



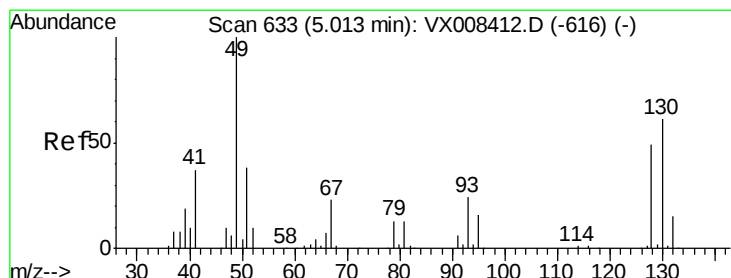
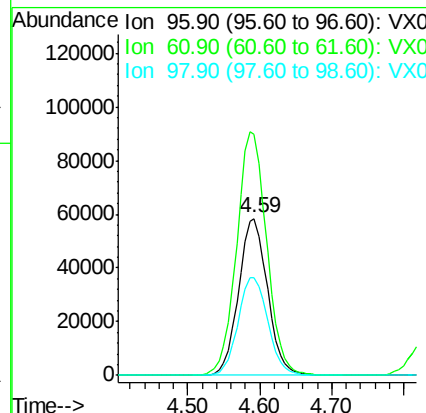
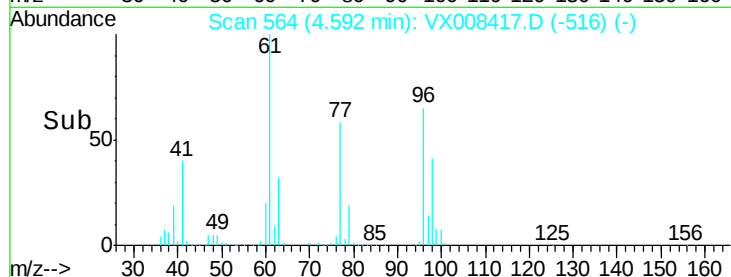
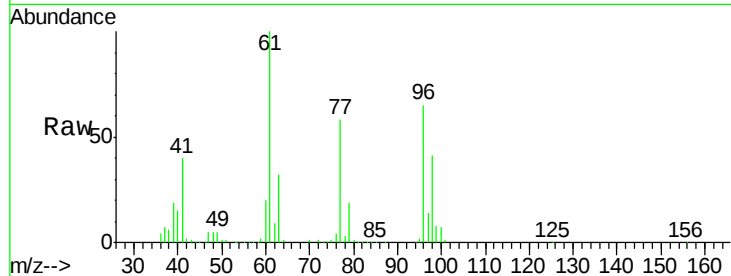


#27

cis-1,2-Dichloroethene
Concen: 49.577 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

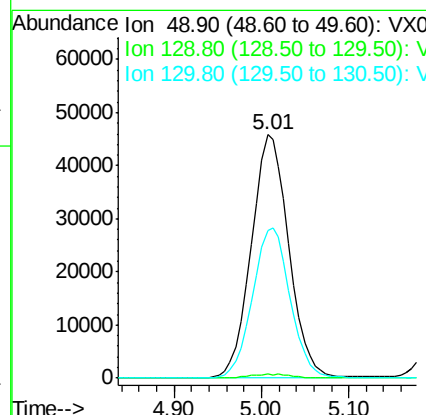
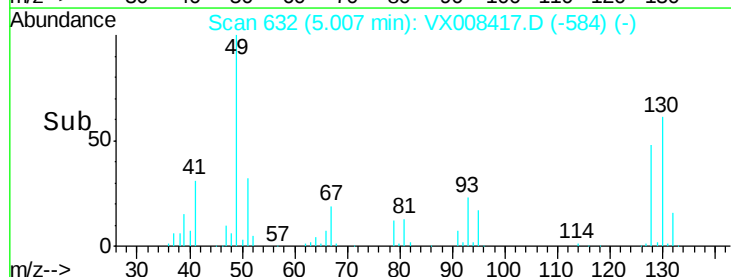
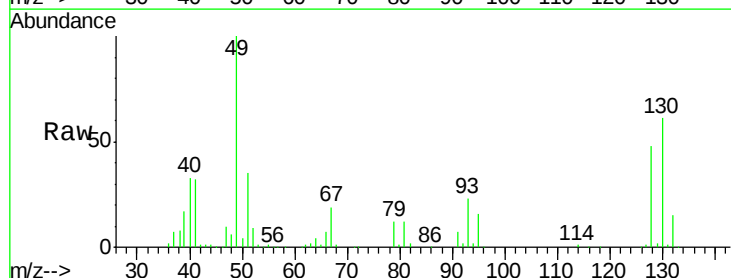
Tot Ion: 96 Resp: 162761
Ion Ratio Lower Upper
96 100
61 161.7 0.0 325.6
98 64.5 0.0 130.0

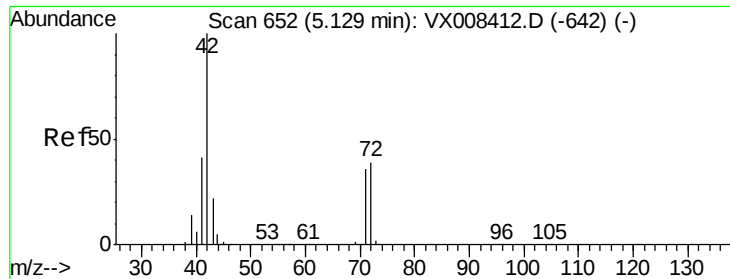


#28

Bromochloromethane
Concen: 46.822 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 49 Resp: 136013
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.4 49.8 74.6

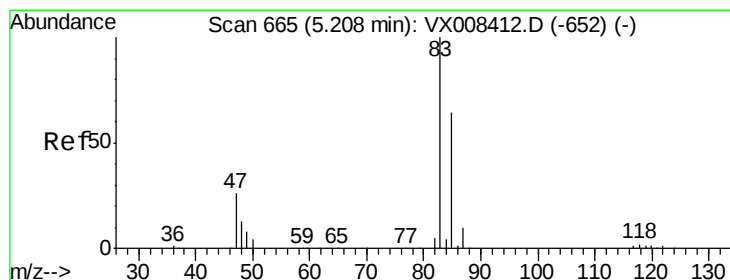
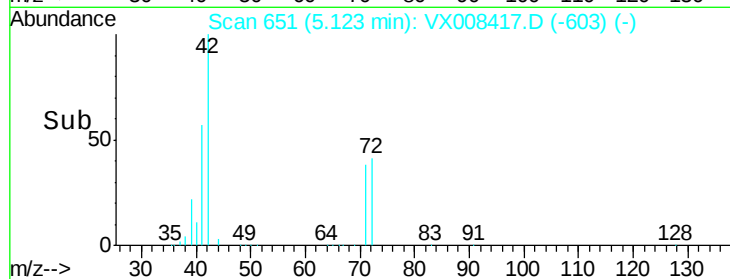
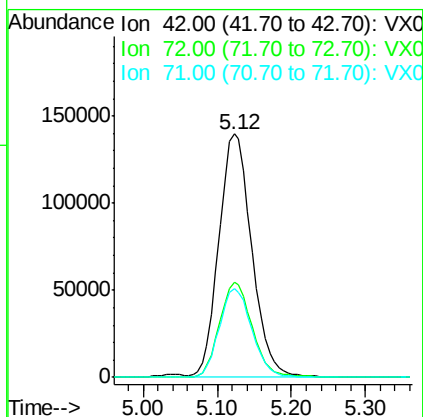
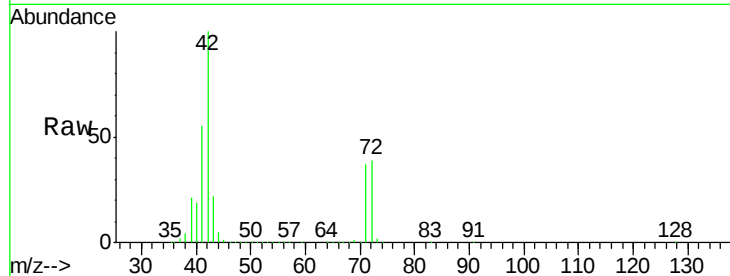




#29
Tetrahydrofuran
Concen: 221.379 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

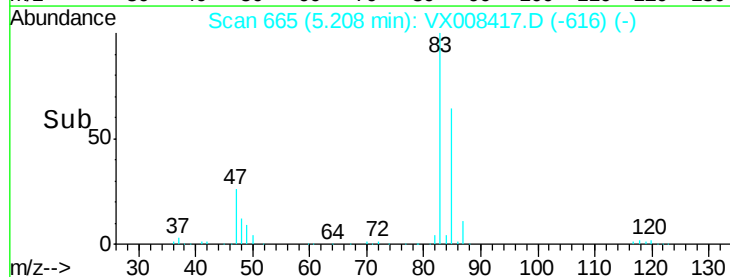
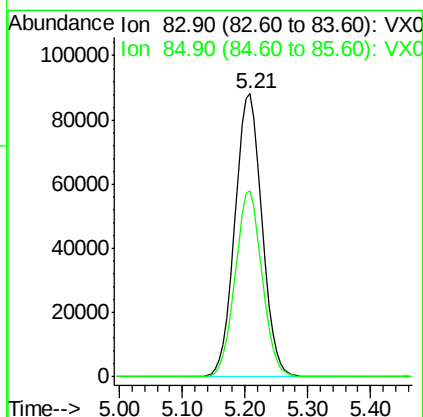
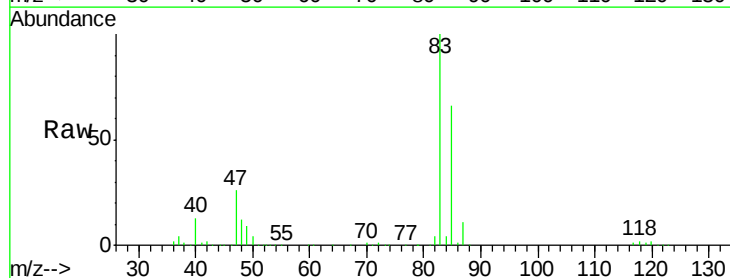
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

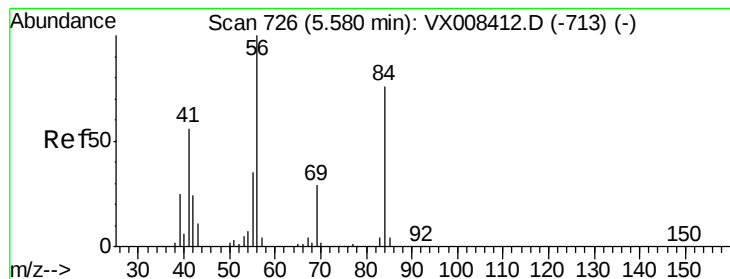
Tot Ion: 42 Resp: 427718
Ion Ratio Lower Upper
42 100
72 39.1 31.4 47.2
71 36.6 29.4 44.2



#30
Chloroform
Concen: 49.746 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 83 Resp: 263972
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.2





#31

Cyclohexane

Concen: 51.195 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVX032519

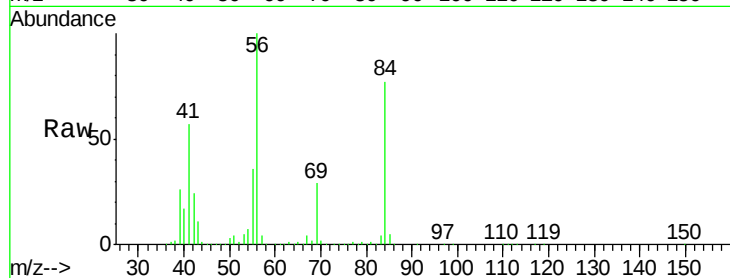
Tot Ion: 56 Resp: 287096

Ion Ratio Lower Upper

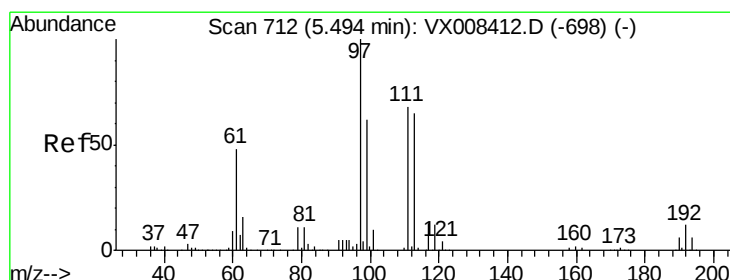
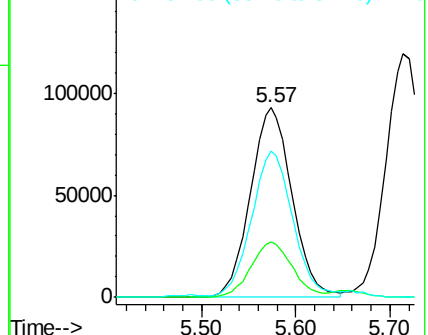
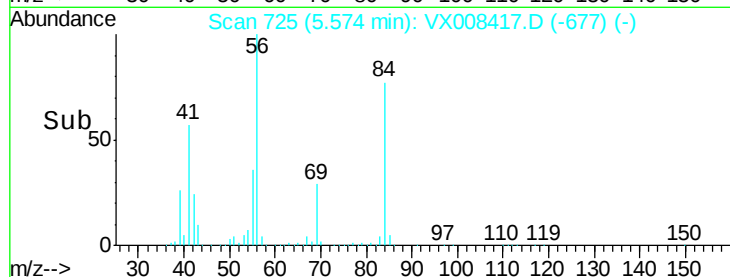
56 100

69 29.2 23.2 34.8

84 75.8 60.7 91.1



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



#32

1,1,1-Trichloroethane

Concen: 51.247 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

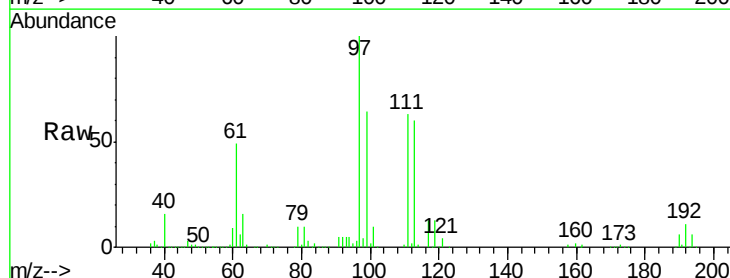
Tgt Ion: 97 Resp: 217365

Ion Ratio Lower Upper

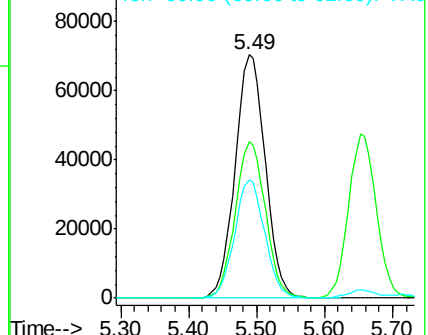
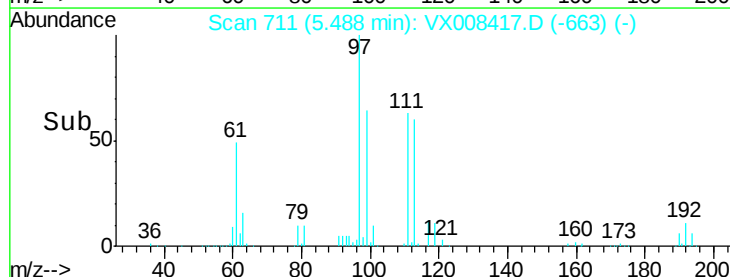
97 100

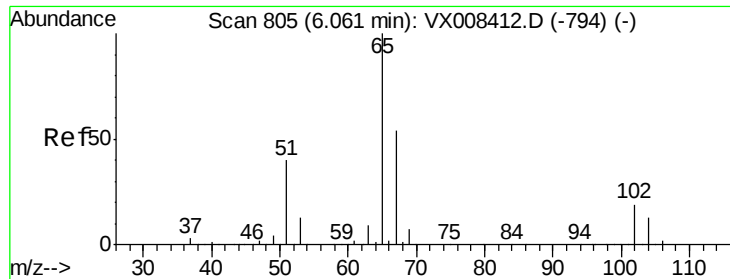
99 64.3 51.5 77.3

61 48.6 38.8 58.2



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

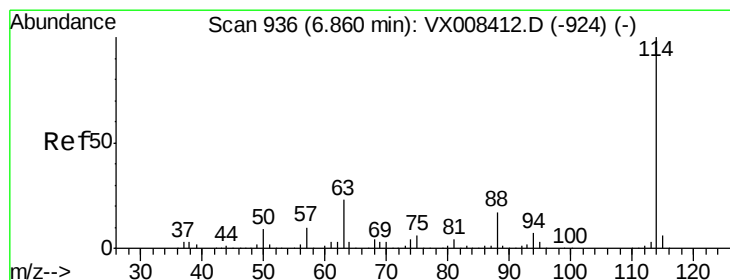
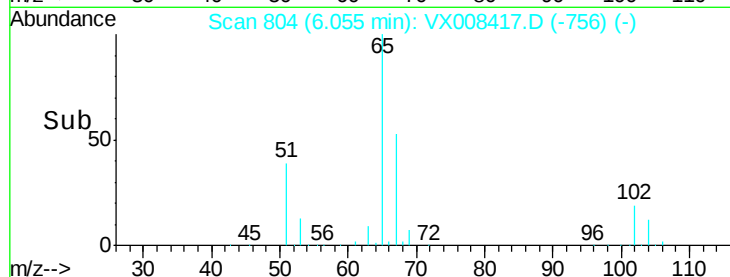
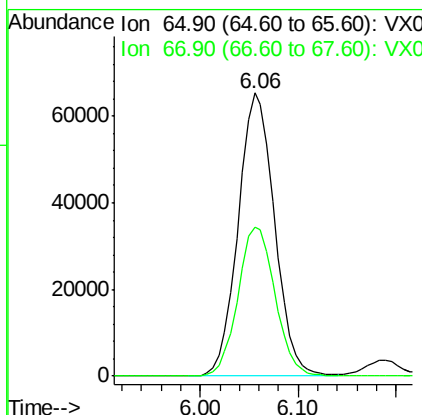
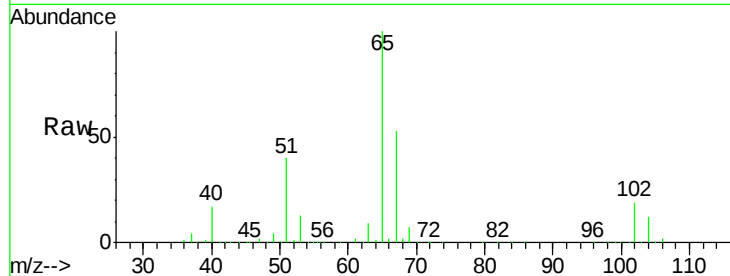




#33
 1,2-Dichloroethane-d4
 Concen: 48.412 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

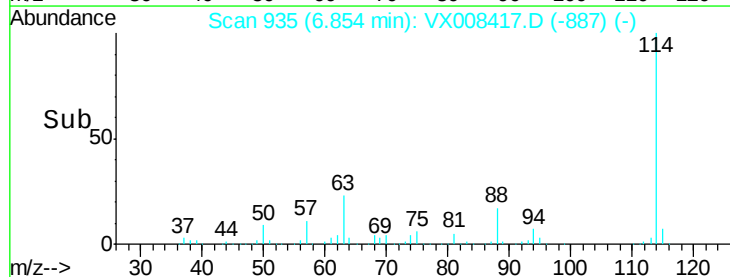
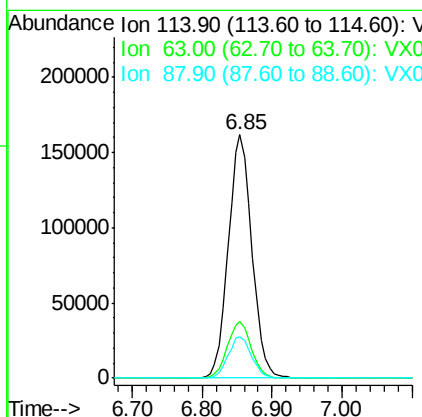
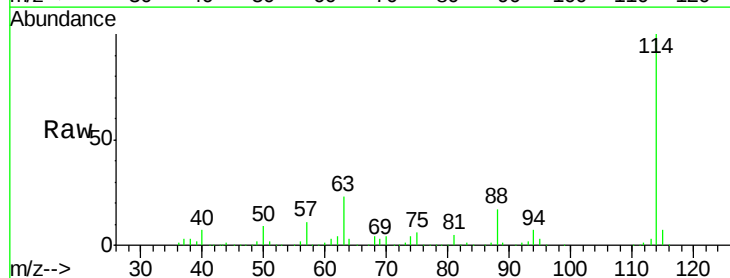
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

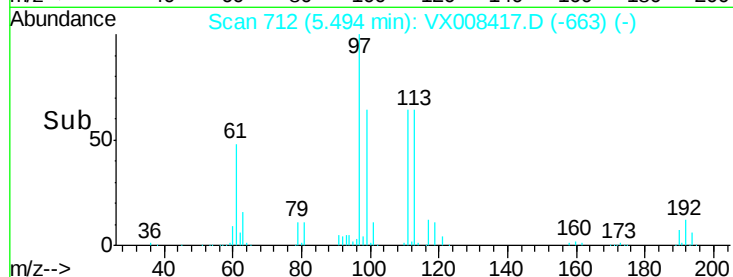
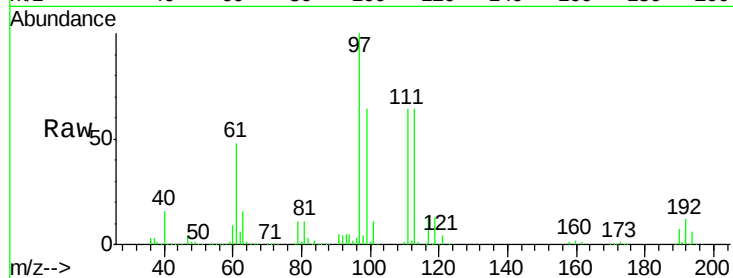
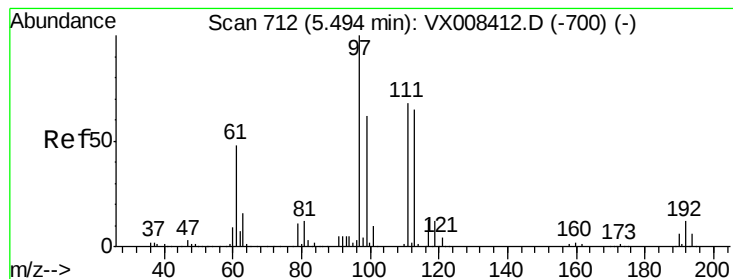
Tot Ion: 65 Resp: 169372
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion: 114 Resp: 378697
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.380 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

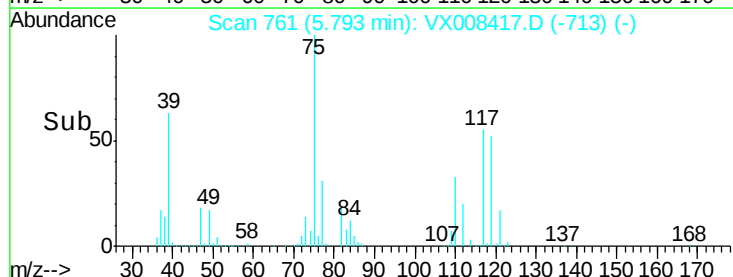
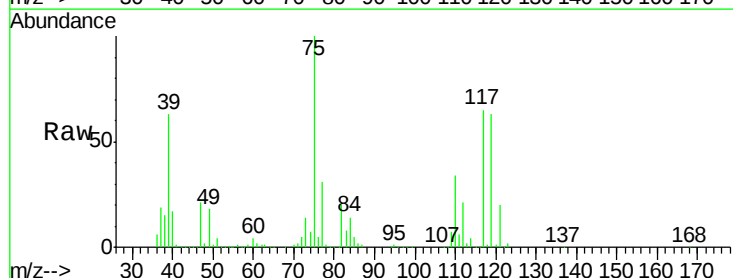
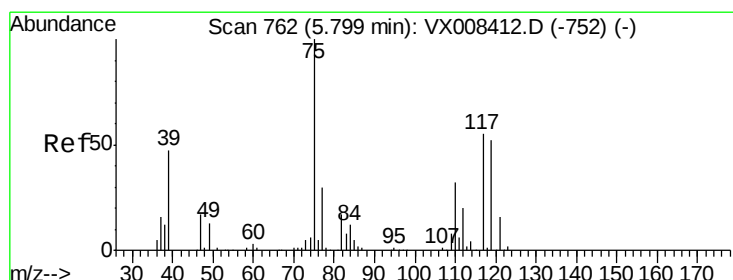
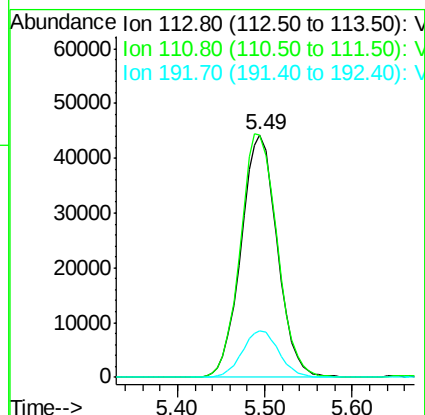
Tot Ion:113 Resp: 126871

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 19.5 15.6 23.4



#36

1,1-Dichloropropene

Concen: 52.345 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

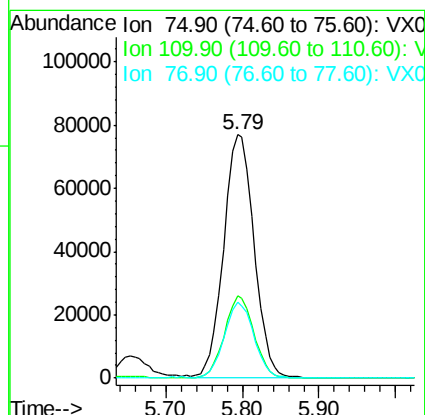
Tgt Ion: 75 Resp: 211354

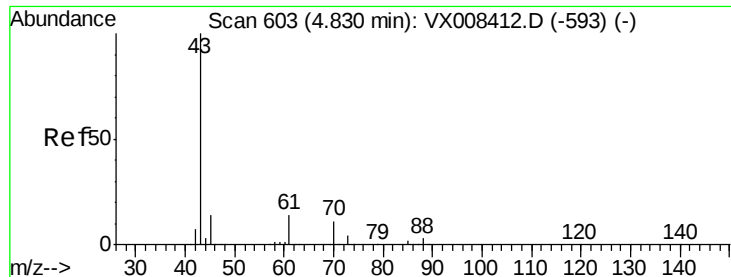
Ion Ratio Lower Upper

75 100

110 33.0 16.6 49.7

77 30.3 24.2 36.2

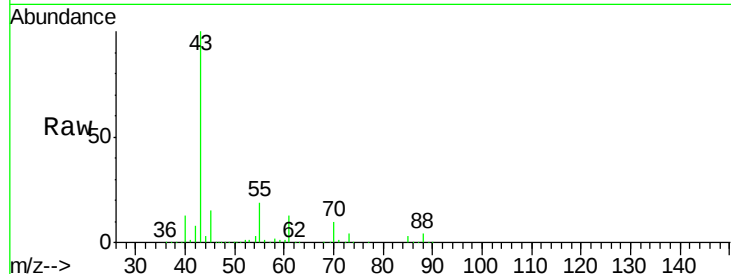




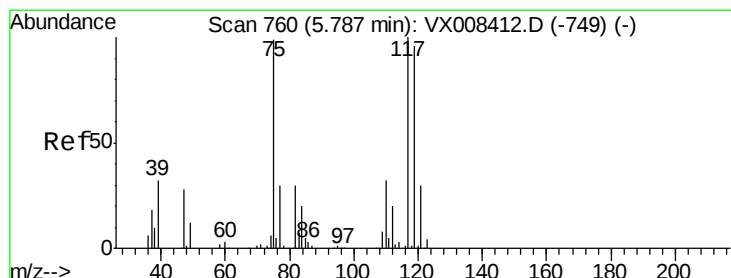
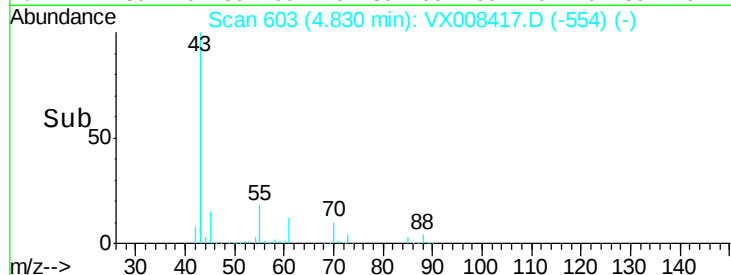
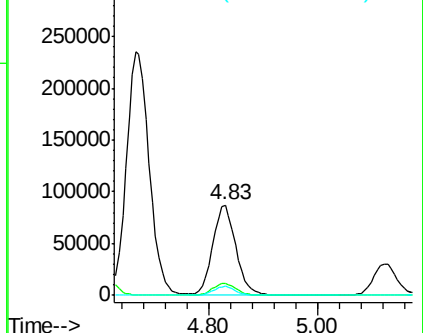
#37
Ethyl Acetate
Concen: 49.103 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion: 43 Resp: 256851
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 9.7 7.8 11.8

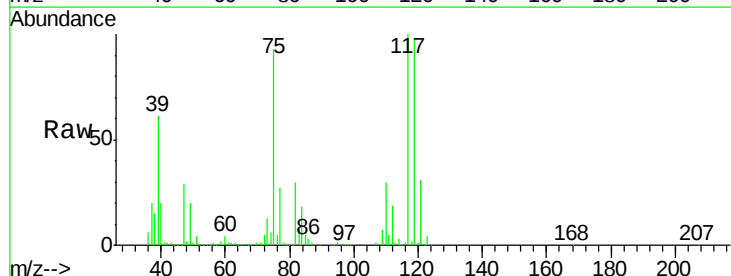


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

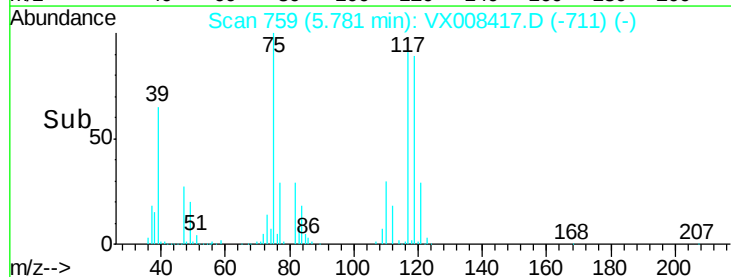
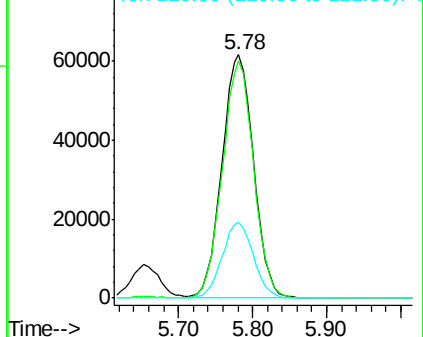


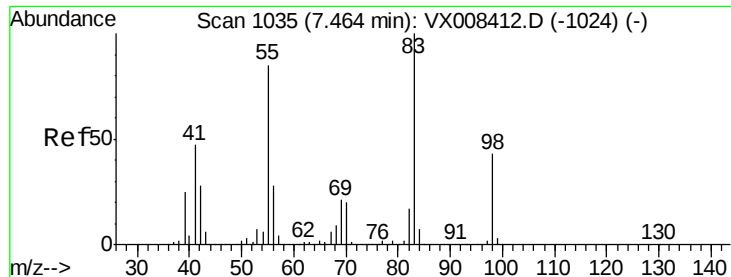
#38
Carbon Tetrachloride
Concen: 54.219 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 117 Resp: 182699
Ion Ratio Lower Upper
117 100
119 97.7 76.7 115.1
121 31.1 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

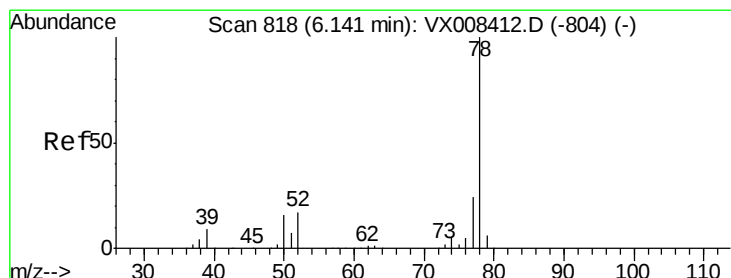
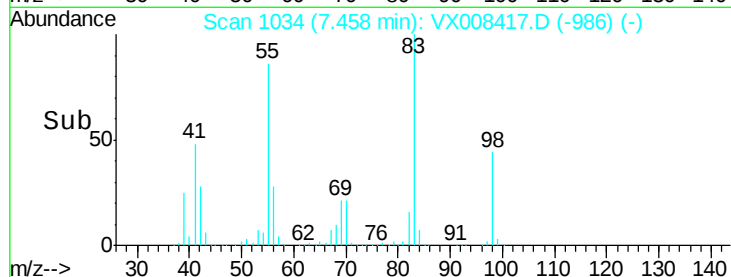
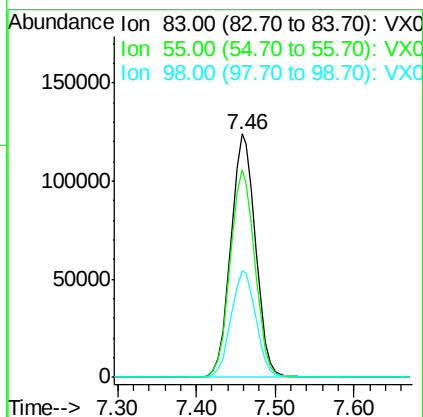
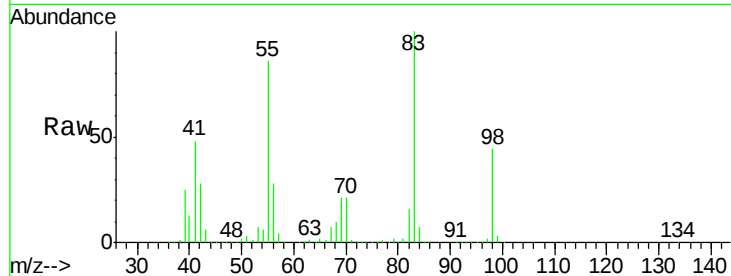




#39
Methvlcvclohexane
Concen: 56.039 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

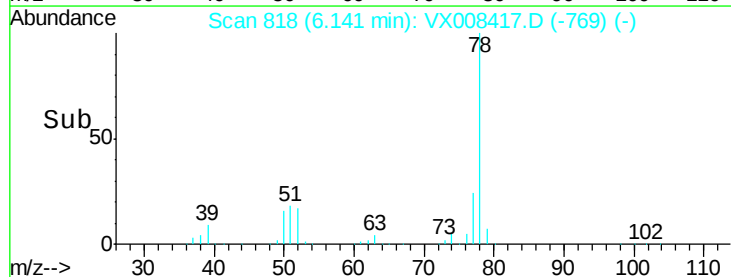
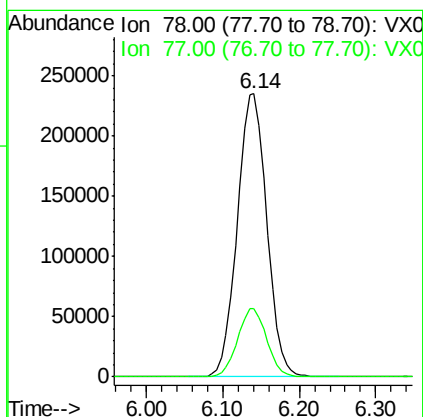
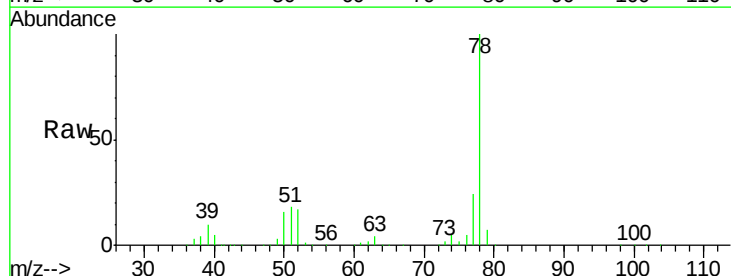
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

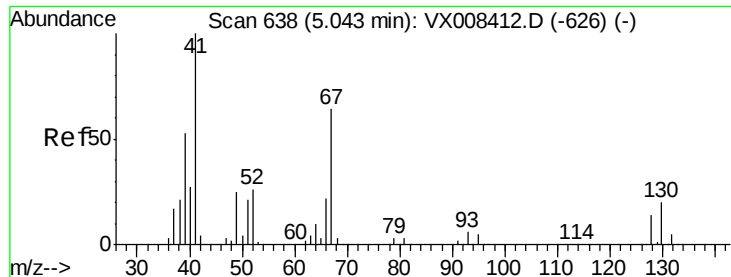
Tot Ion: 83 Resp: 270411
Ion Ratio Lower Upper
83 100
55 85.5 68.2 102.4
98 43.9 34.2 51.4



#40
Benzene
Concen: 52.013 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 78 Resp: 628732
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41

Methacrylonitrile

Concen: 49.659 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 41 Resp: 145976

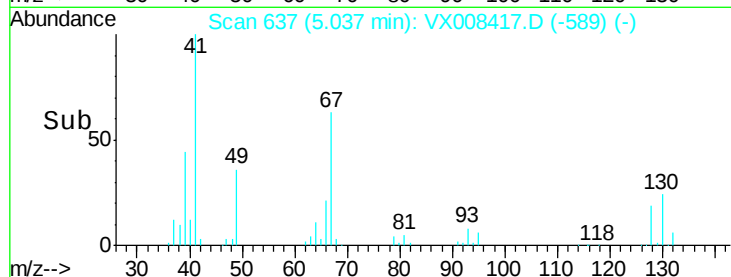
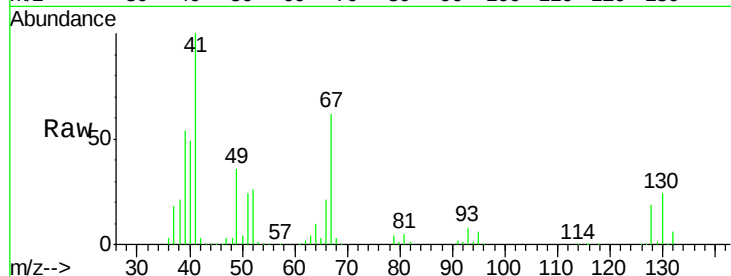
Ion Ratio Lower Upper

41 100

39 53.7 42.6 64.0

67 64.7 52.2 78.4

52 27.2 21.4 32.0

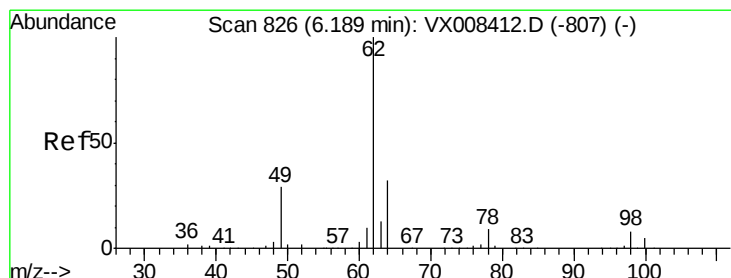
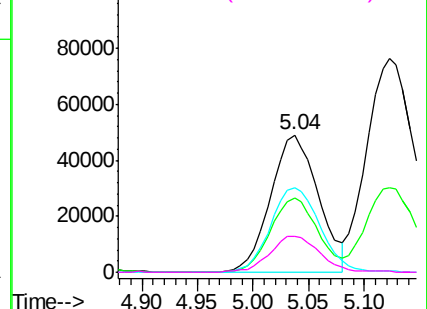


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.217 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008417.D

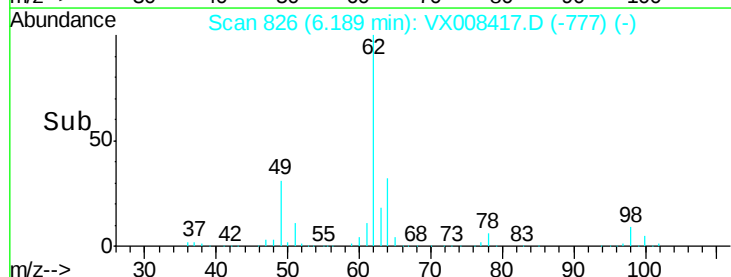
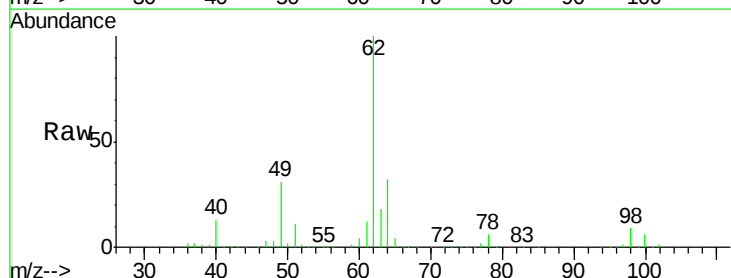
Acq: 25 Mar 2019 17:47

Tgt Ion: 62 Resp: 222251

Ion Ratio Lower Upper

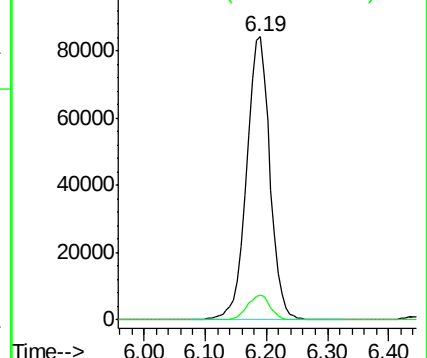
62 100

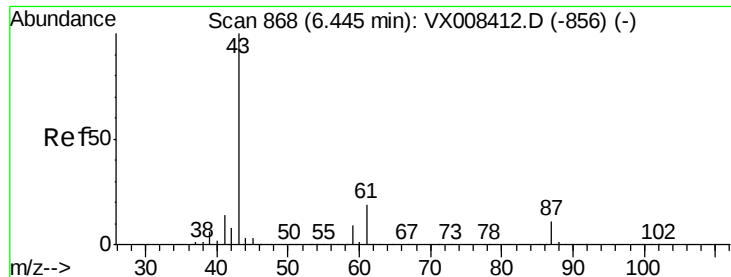
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



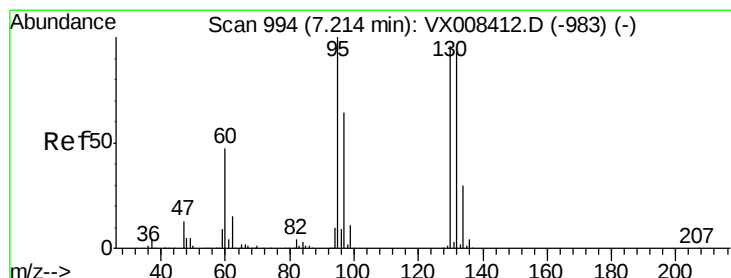
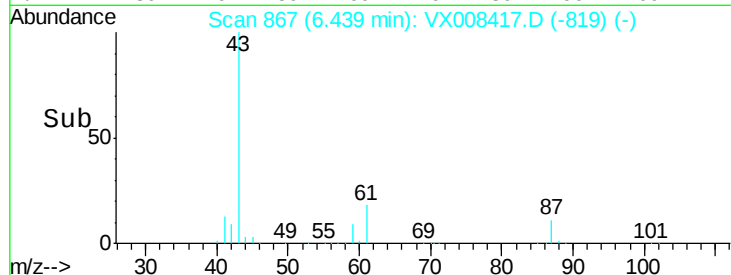
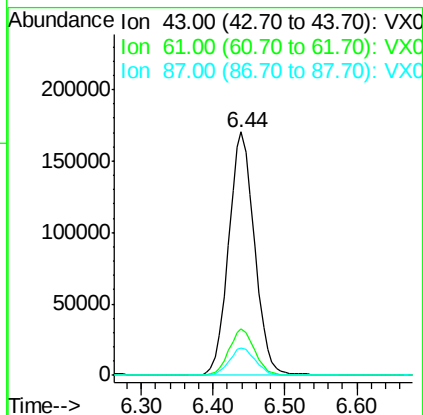
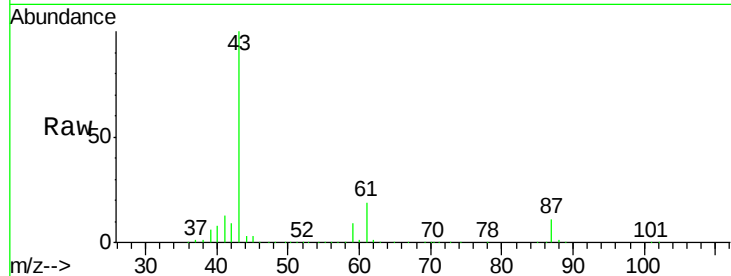


#43

Isopropyl Acetate
 Concen: 50.527 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

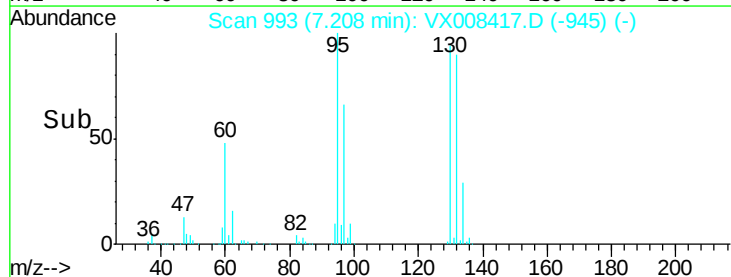
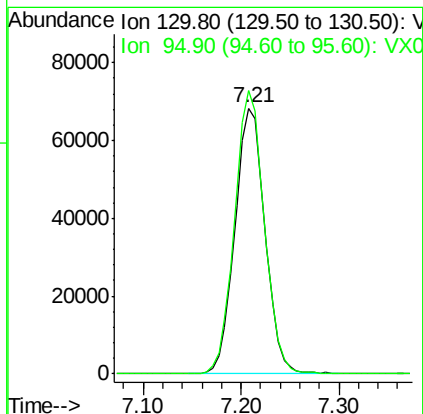
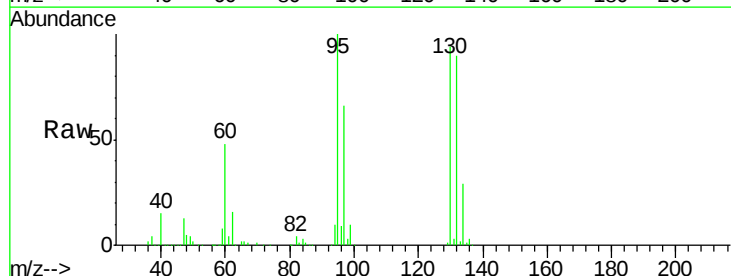
Tot Ion: 43 Resp: 422746
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.4 23.2
 87 11.5 9.1 13.7

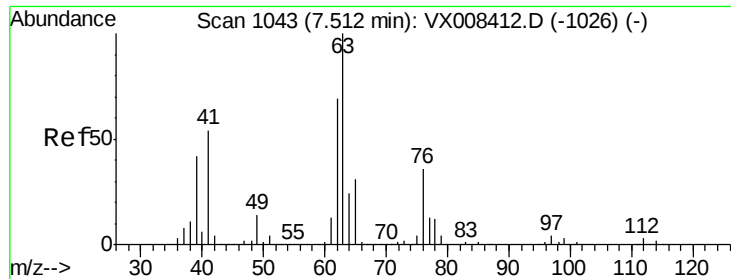


#44

Trichloroethene
 Concen: 51.504 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion:130 Resp: 146180
 Ion Ratio Lower Upper
 130 100
 95 106.6 0.0 208.8

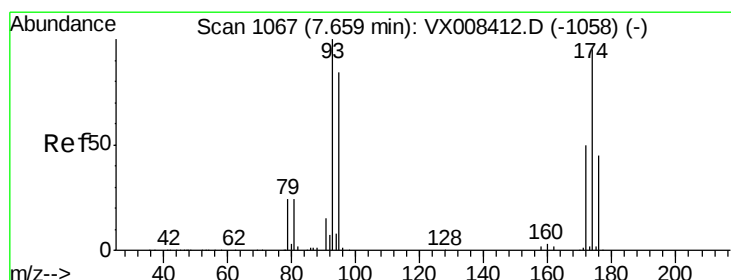
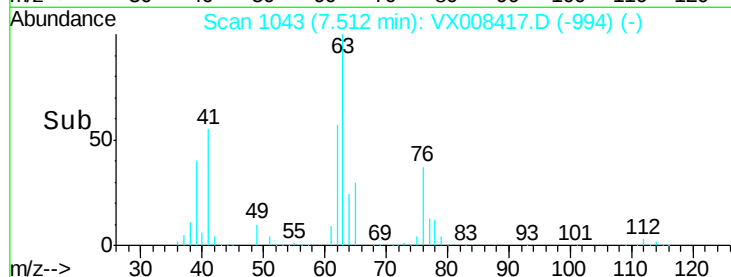
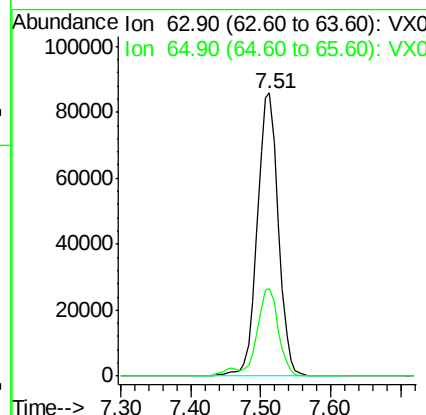
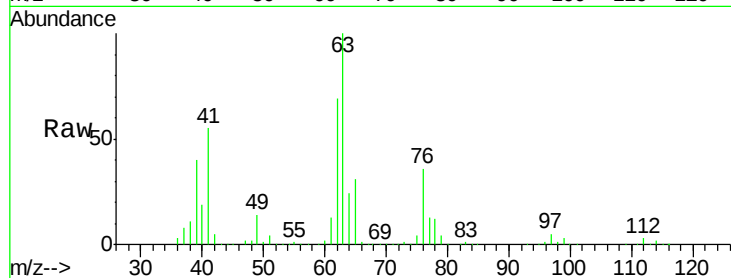




#45
 1,2-Dichloropropane
 Concen: 52.083 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

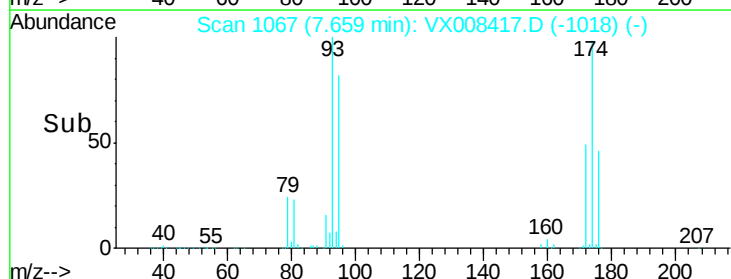
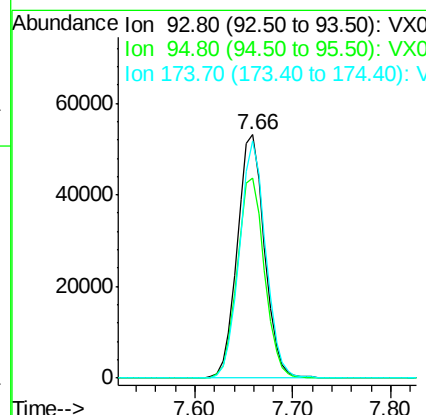
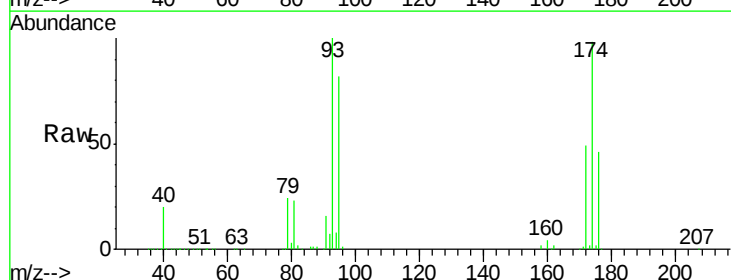
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

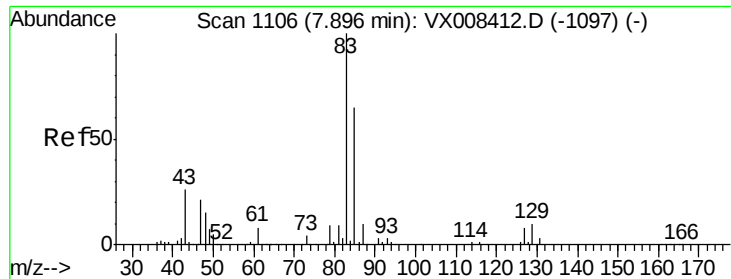
Tot Ion: 63 Resp: 178950
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7



#46
 Dibromomethane
 Concen: 51.081 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion: 93 Resp: 102488
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.6
 174 94.4 76.0 114.0





#47

Bromodichloromethane

Concen: 54.343 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

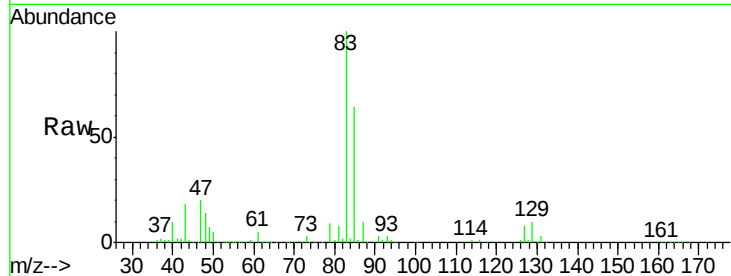
Tot Ion: 83 Resp: 208695

Ion Ratio Lower Upper

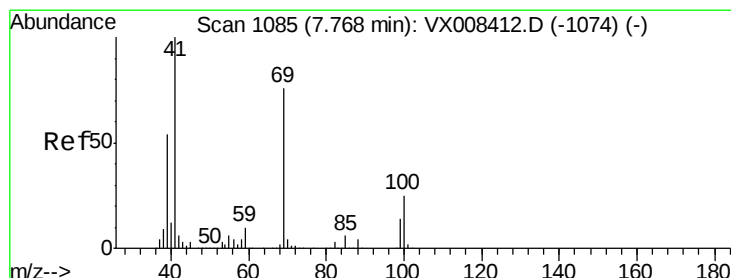
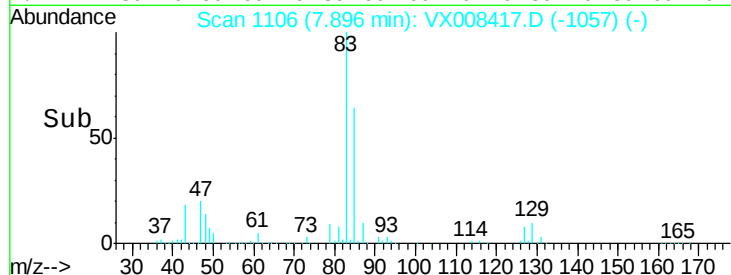
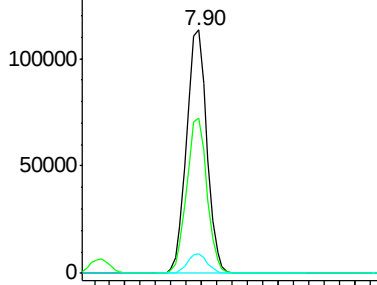
83 100

85 63.6 52.0 78.0

127 8.0 6.4 9.6



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



#48

Methyl methacrylate

Concen: 52.159 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

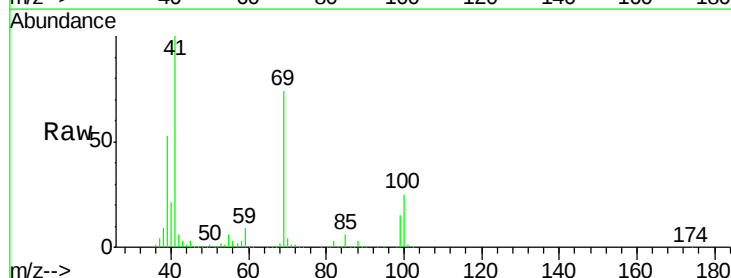
Tgt Ion: 41 Resp: 218358

Ion Ratio Lower Upper

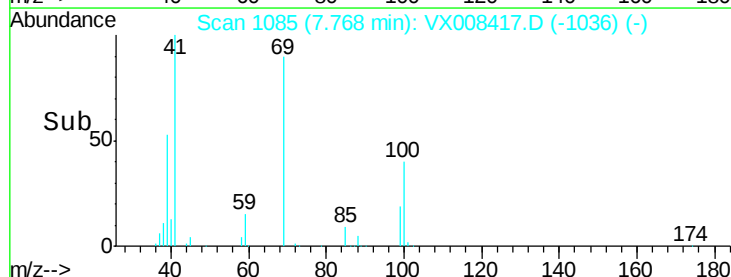
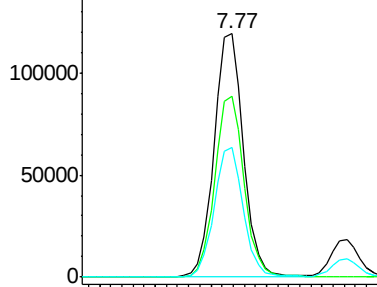
41 100

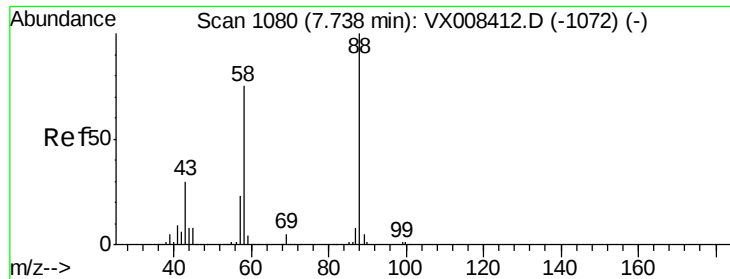
69 74.6 60.8 91.2

39 52.4 42.3 63.5



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

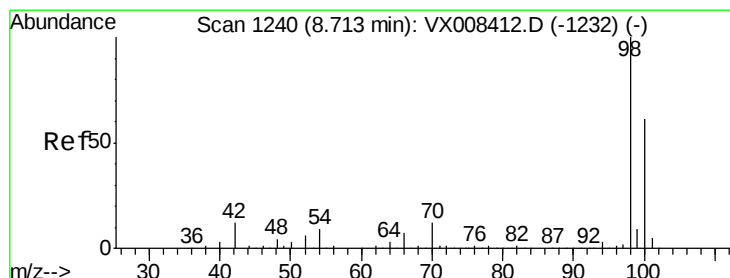
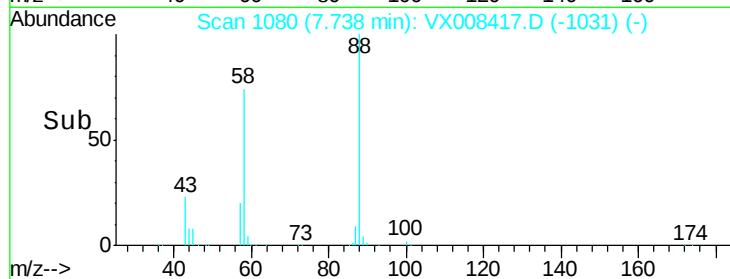
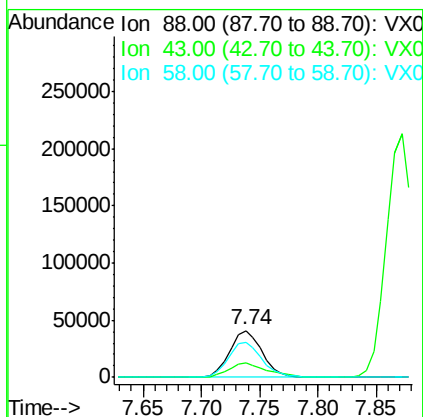
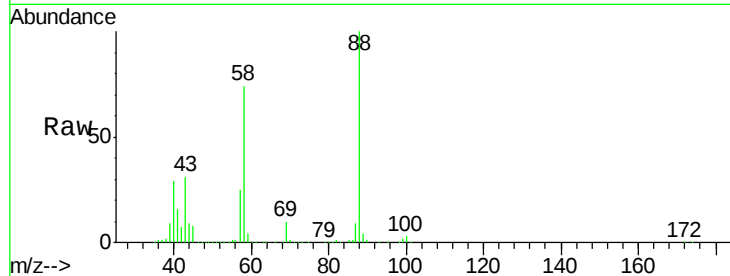




#49
1,4-Dioxane
Concen: 956.709 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

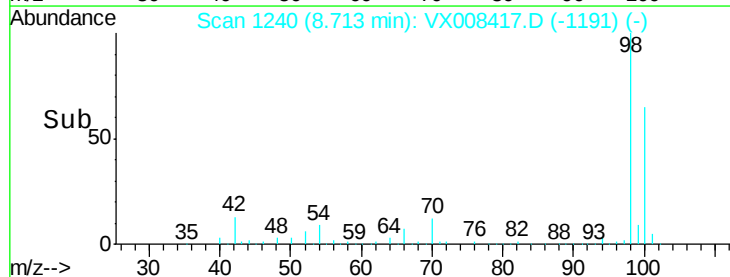
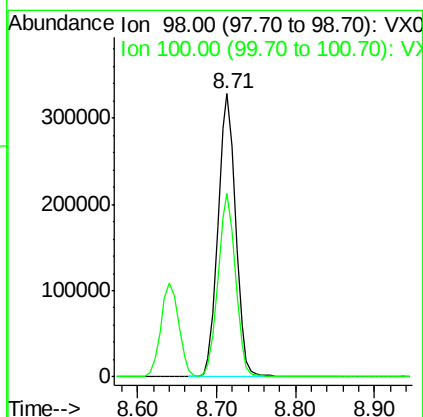
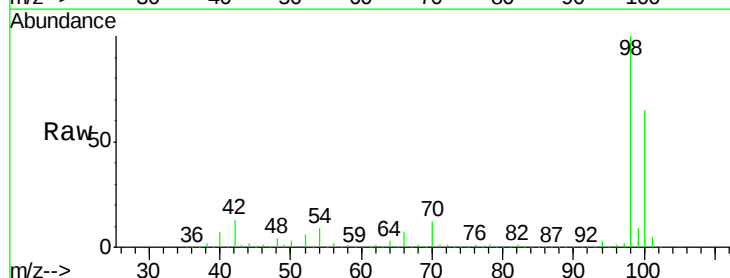
Instrument :
MSVOA_X
ClientSampled :
ICVVX032519

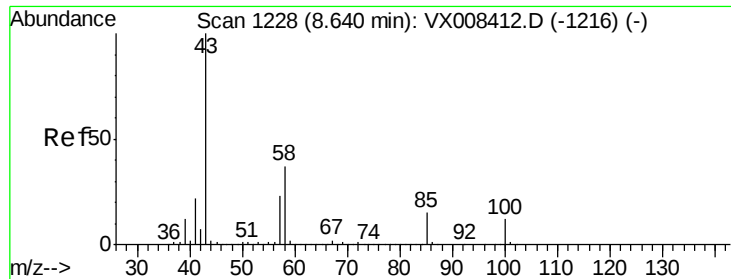
Tot Ion: 88 Resp: 79636
Ion Ratio Lower Upper
88 100
43 35.9 28.6 43.0
58 78.0 63.0 94.4



#50
Toluene-d8
Concen: 51.904 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 98 Resp: 512479
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 253.144 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

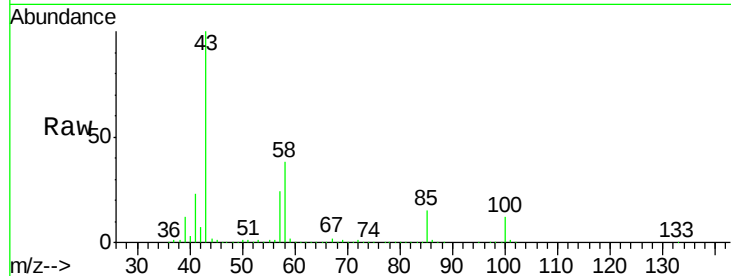
ICVVX032519

Tot Ion: 43 Resp: 1375652

Ion Ratio Lower Upper

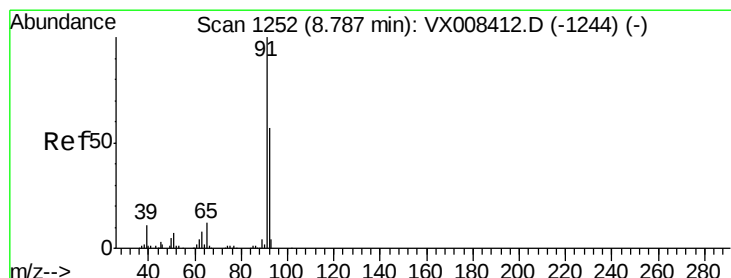
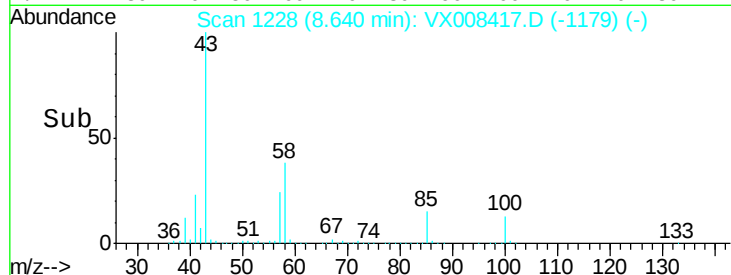
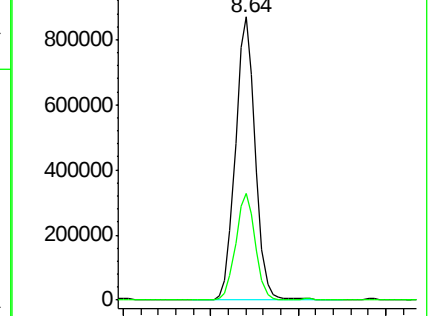
43 100

58 37.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.112 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008417.D

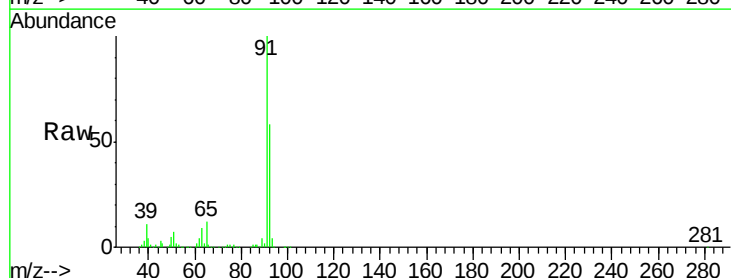
Acq: 25 Mar 2019 17:47

Tgt Ion: 92 Resp: 383882

Ion Ratio Lower Upper

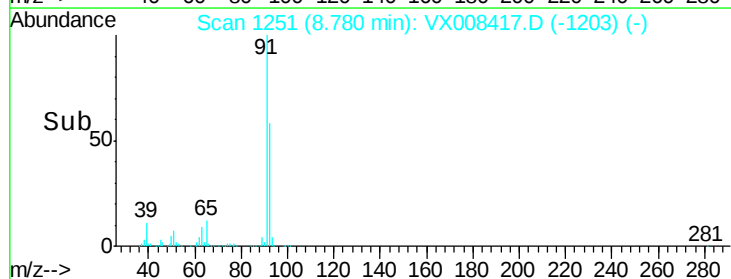
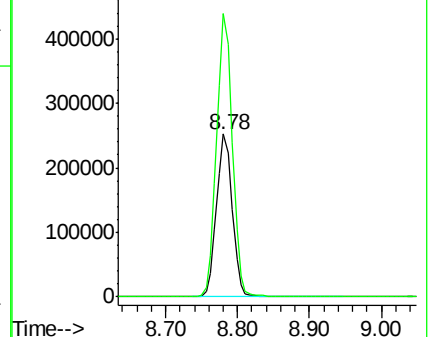
92 100

91 173.5 140.2 210.4



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: 56.981 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

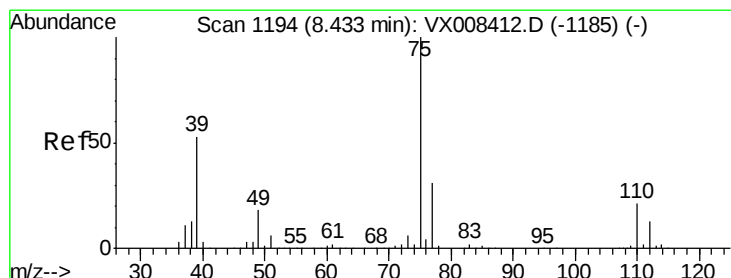
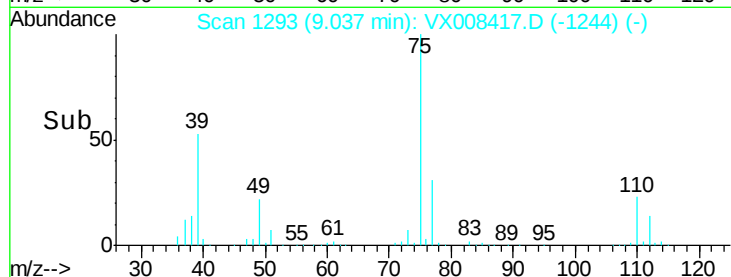
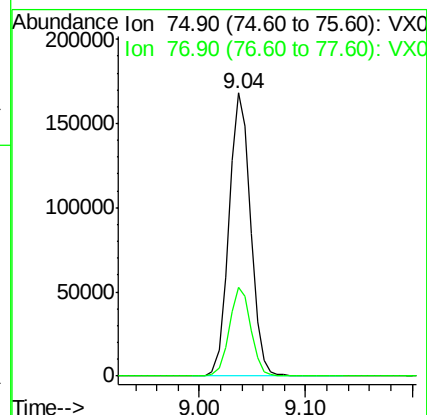
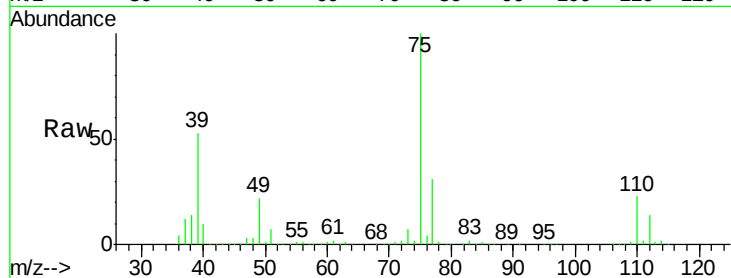
ICVVX032519

Tot Ion: 75 Resp: 239684

Ion Ratio Lower Upper

75 100

77 31.4 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 55.676 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

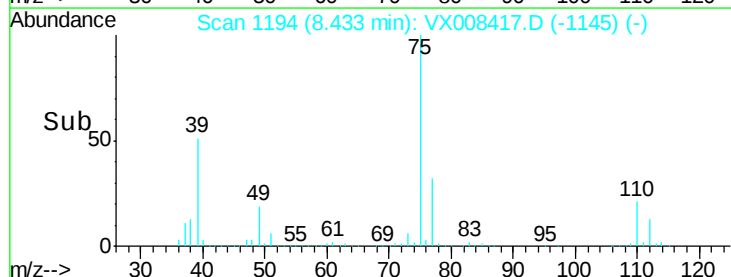
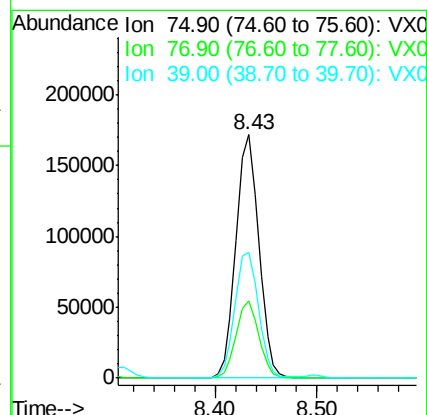
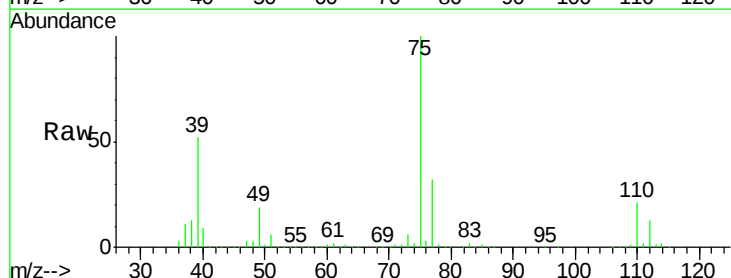
Tgt Ion: 75 Resp: 266309

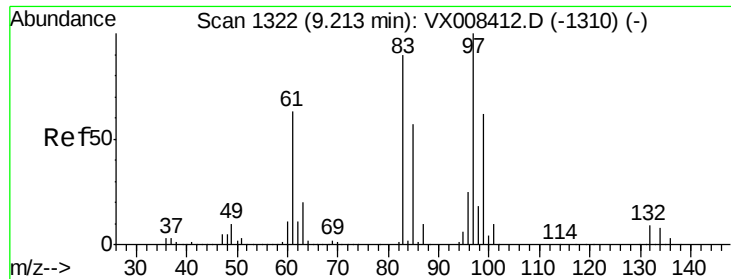
Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

39 51.4 42.4 63.6



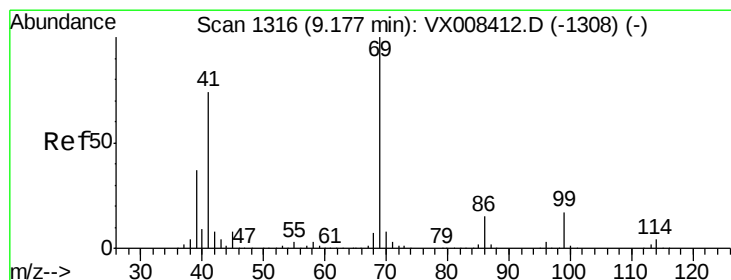
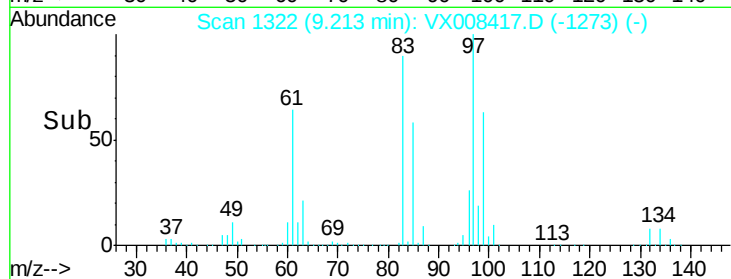
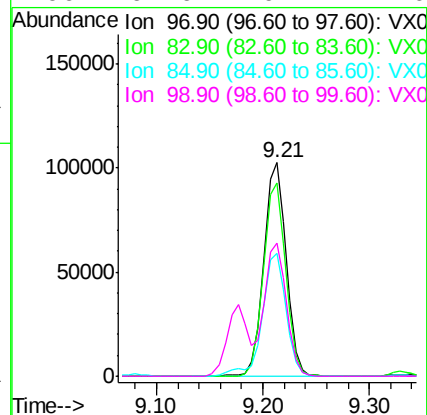
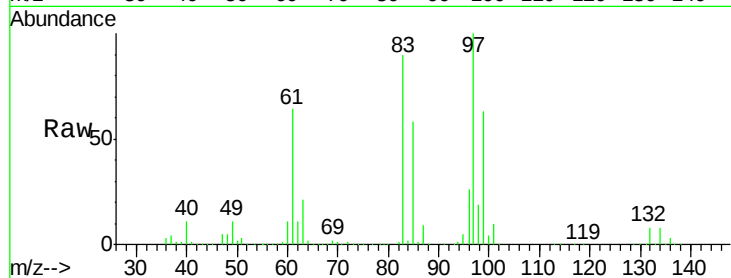


#55
 1,1,2-Trichloroethane
 Concen: 51.646 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion: 97 Resp: 151953

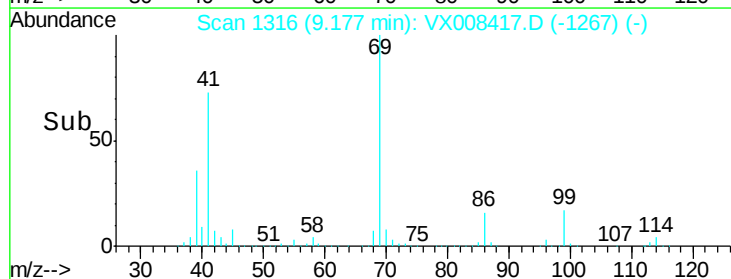
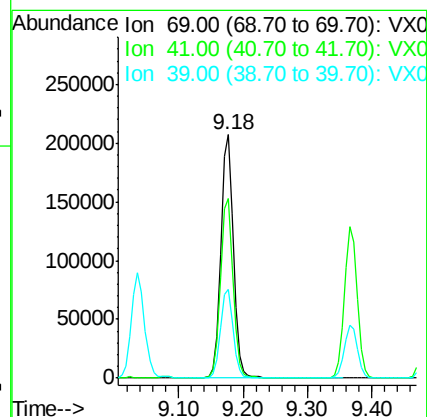
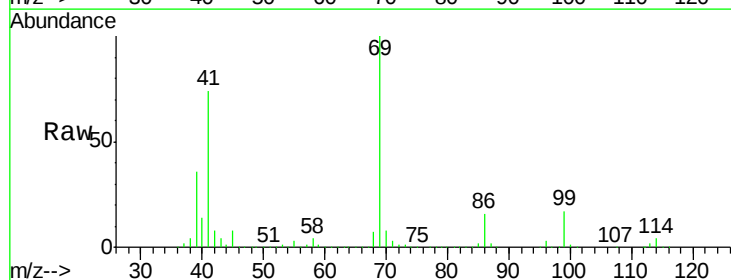
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.8	107.6
85	57.5	45.9	68.9
99	62.6	49.4	74.0

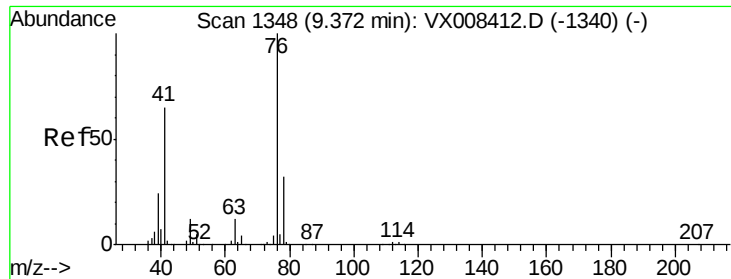


#56
 Ethyl methacrylate
 Concen: 53.829 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion: 69 Resp: 285883

Ion	Ratio	Lower	Upper
69	100		
41	74.3	59.5	89.3
39	37.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 51.521 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

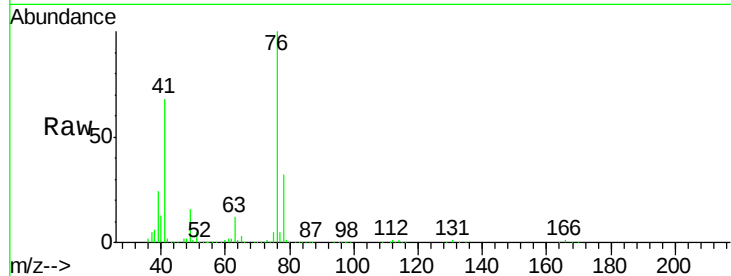
ICVVX032519

Tot Ion: 76 Resp: 271779

Ion Ratio Lower Upper

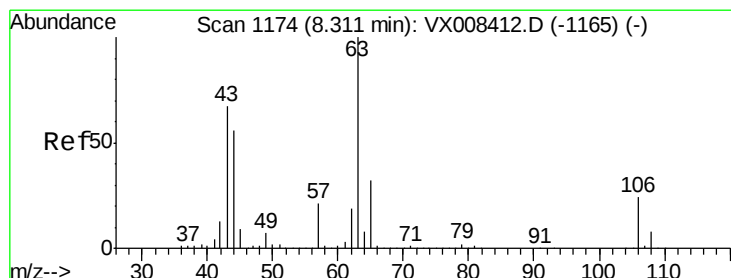
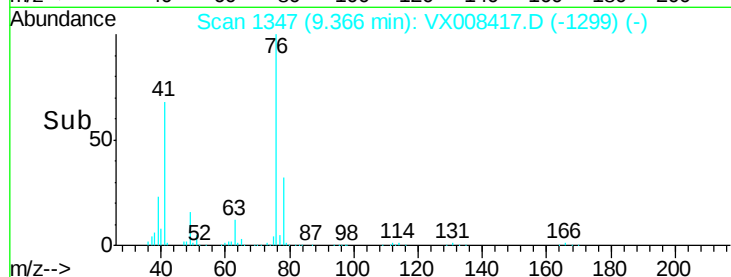
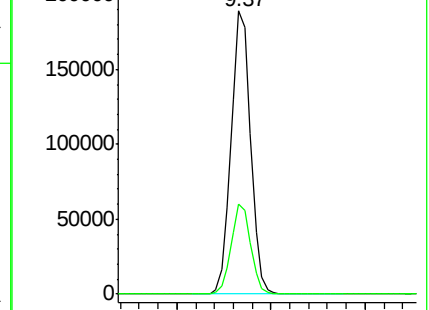
76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 206.435 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008417.D

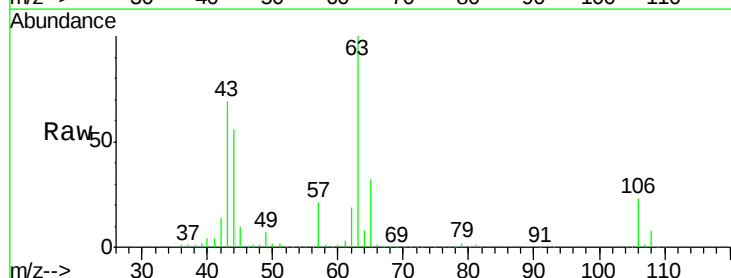
Acq: 25 Mar 2019 17:47

Tgt Ion: 63 Resp: 566725

Ion Ratio Lower Upper

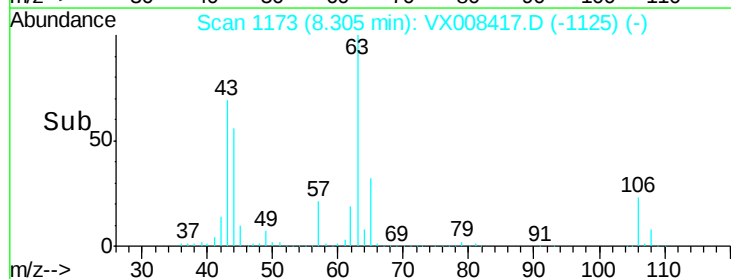
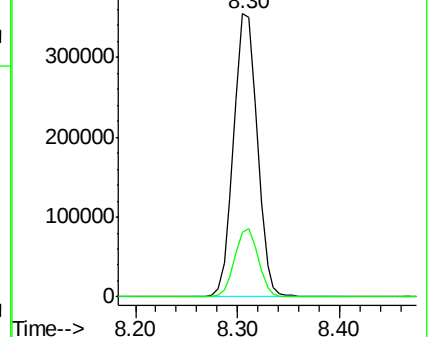
63 100

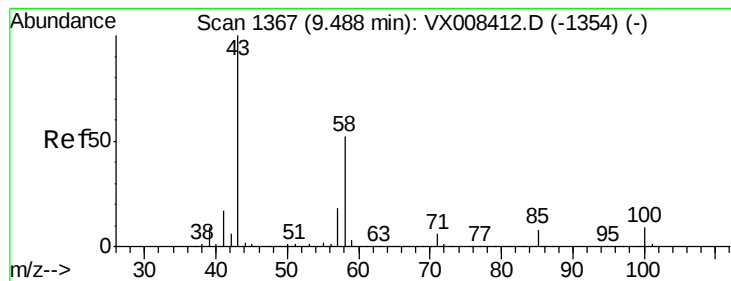
106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 255.500 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

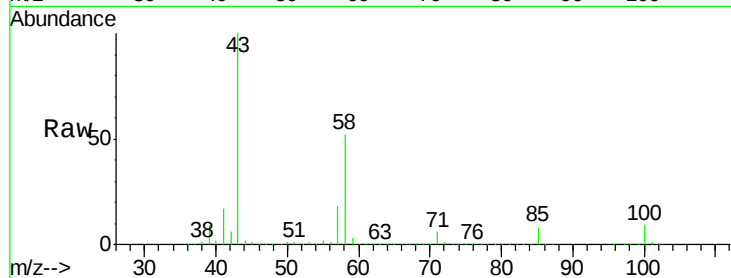
ICVVX032519

Tot Ion: 43 Resp: 1075851

Ion Ratio Lower Upper

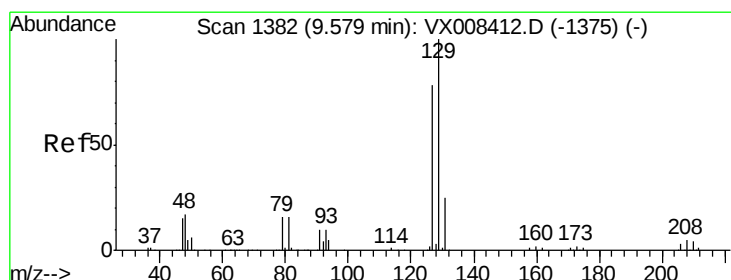
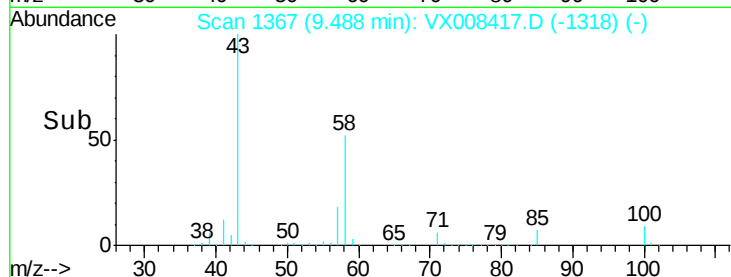
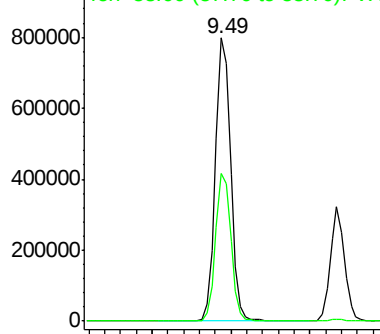
43 100

58 52.4 26.3 78.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 55.690 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008417.D

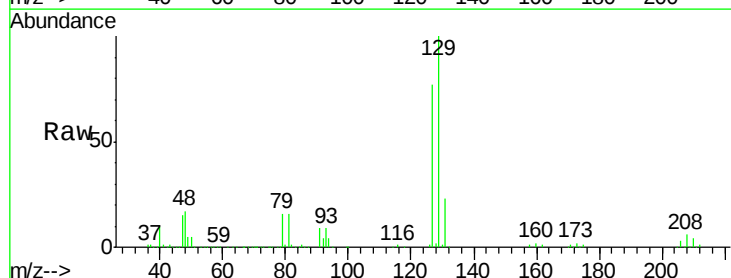
Acq: 25 Mar 2019 17:47

Tgt Ion:129 Resp: 155825

Ion Ratio Lower Upper

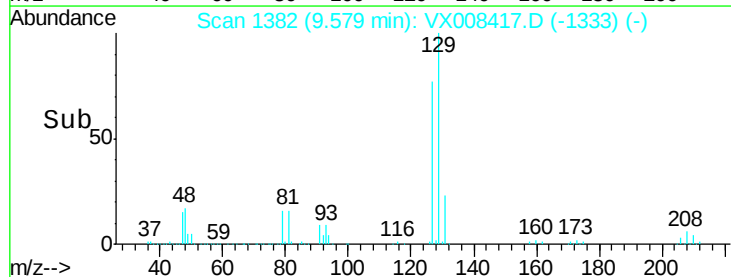
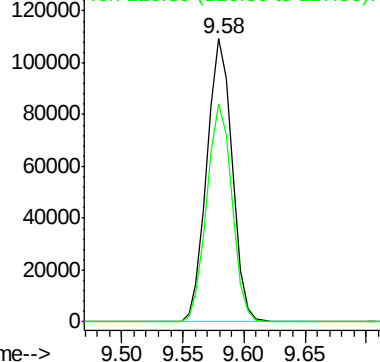
129 100

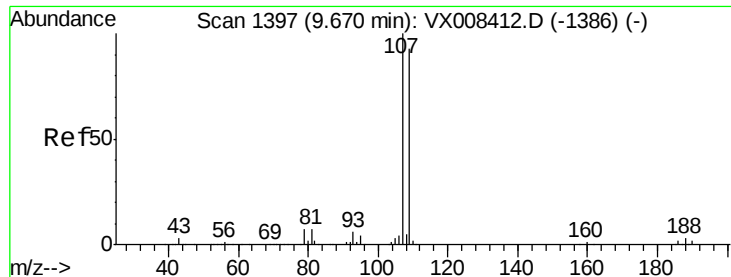
127 76.8 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 52.378 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

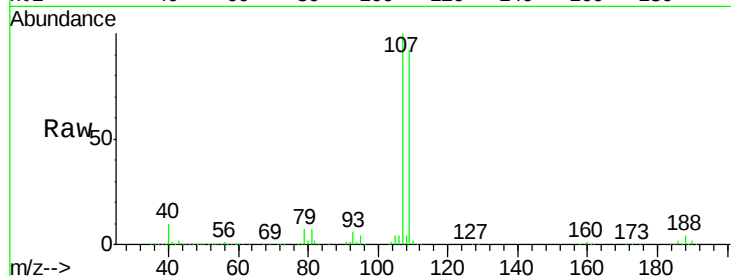
ICVVX032519

Tot Ion:107 Resp: 157268

Ion Ratio Lower Upper

107 100

109 92.9 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

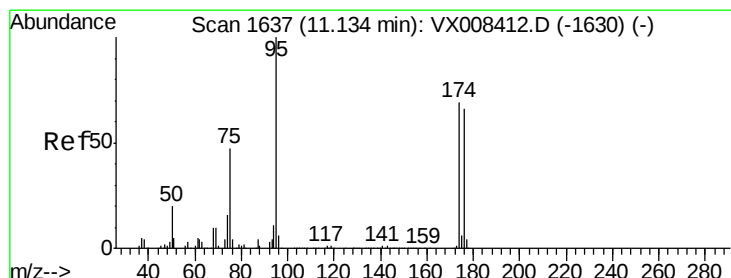
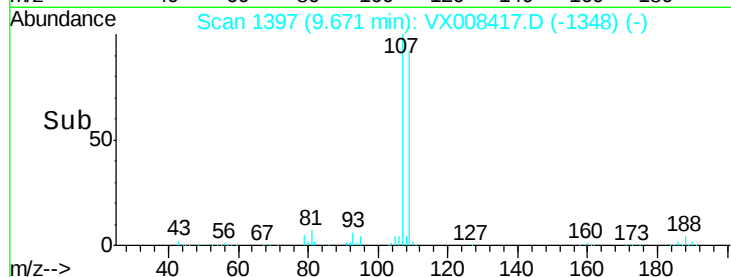
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.146 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

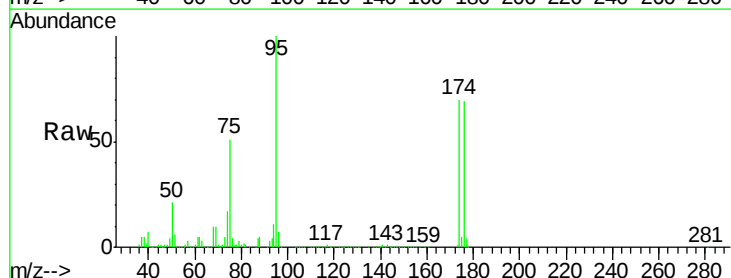
Tgt Ion: 95 Resp: 198108

Ion Ratio Lower Upper

95 100

174 74.4 0.0 147.2

176 72.5 0.0 142.4



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

11.13

200000

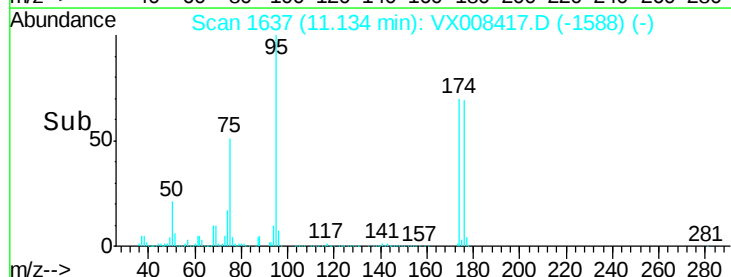
150000

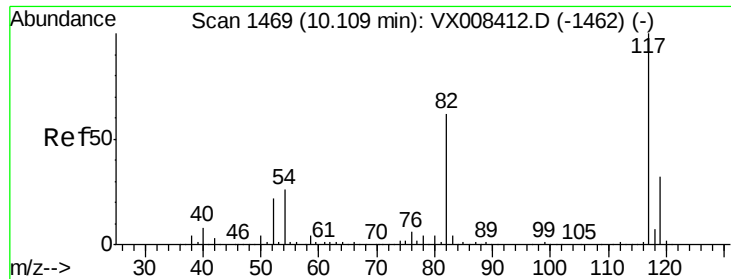
100000

50000

0

Time-->

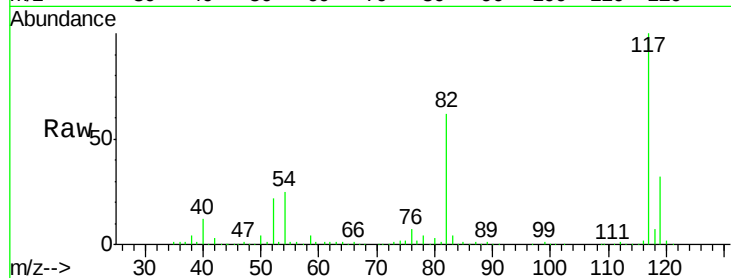




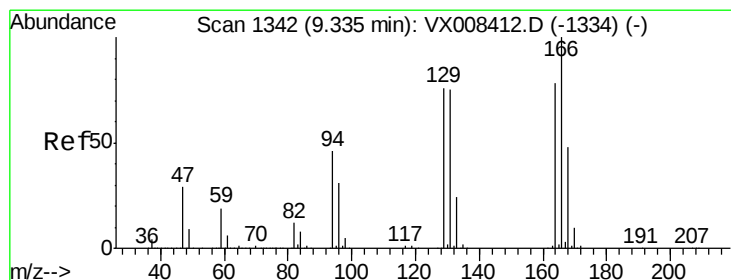
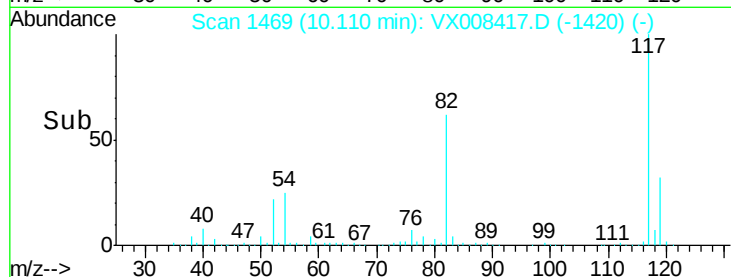
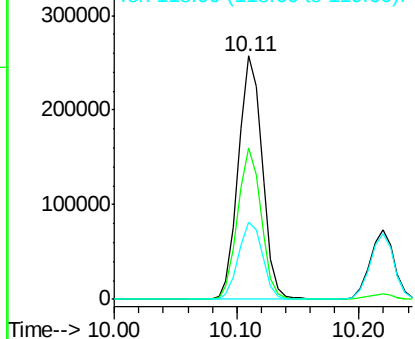
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion:117 Resp: 346684
Ion Ratio Lower Upper
117 100
82 62.1 49.4 74.2
119 31.9 25.4 38.0



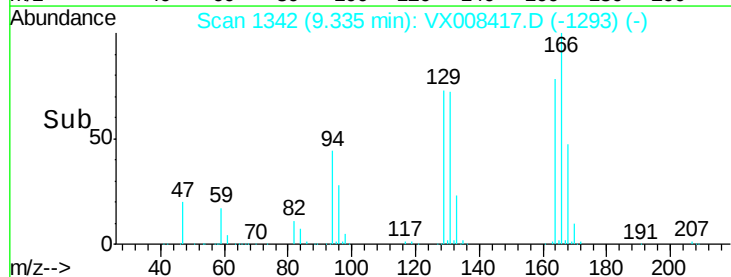
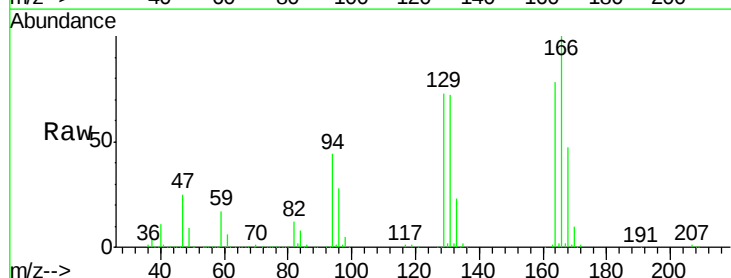
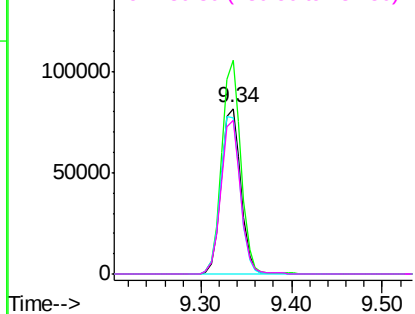
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

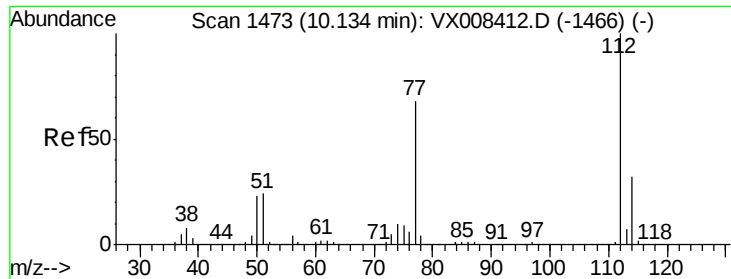


#64
Tetrachloroethene
Concen: 52.315 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion:164 Resp: 122786
Ion Ratio Lower Upper
164 100
166 128.9 102.5 153.7
129 94.3 77.8 116.8
131 92.8 76.9 115.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

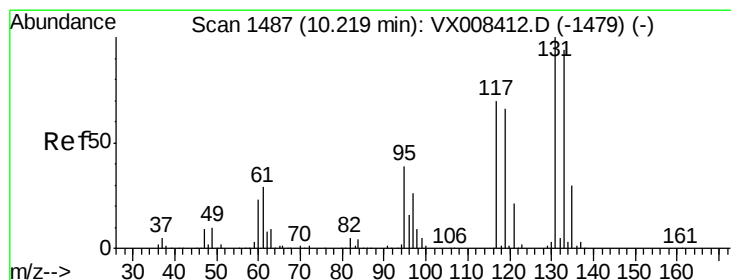
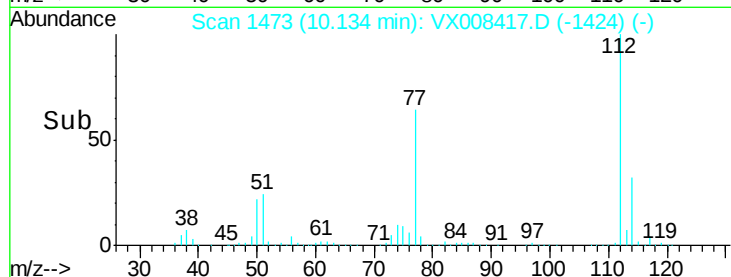
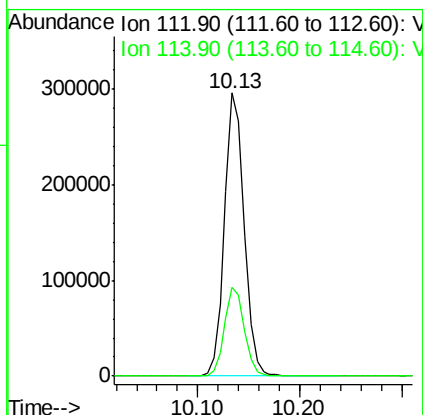
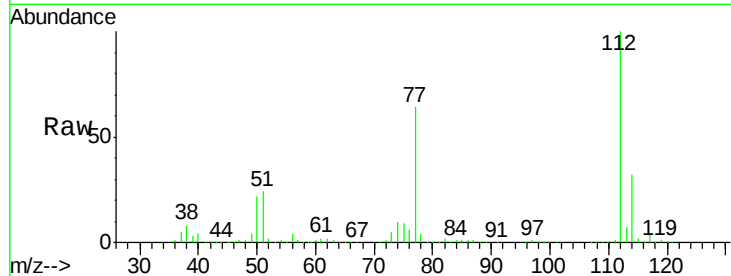




#65
Chlorobenzene
Concen: 52.450 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

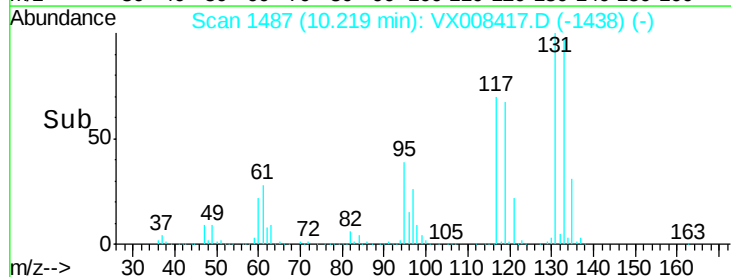
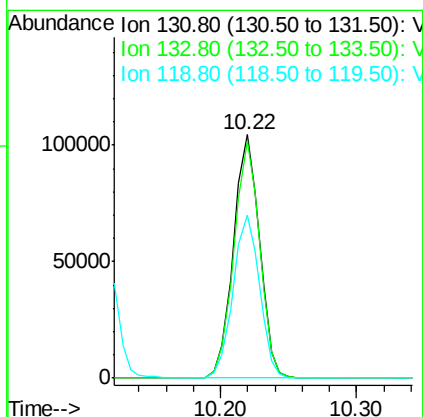
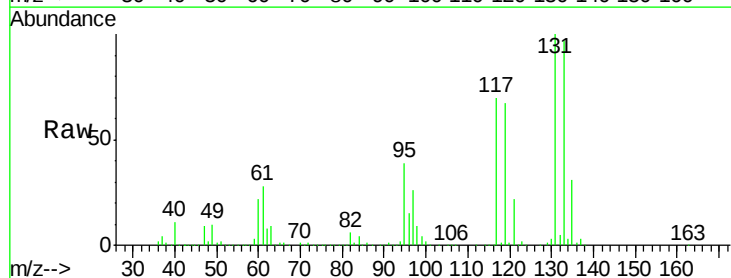
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

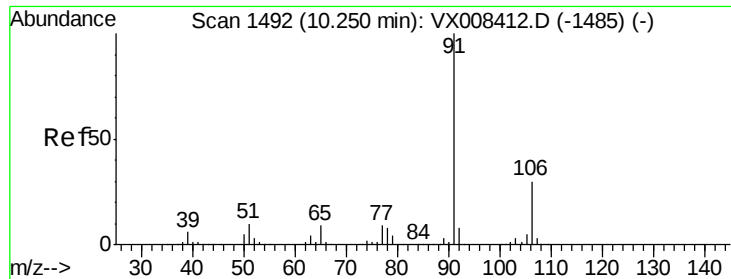
Tot Ion:112 Resp: 395436
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.750 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion:131 Resp: 139811
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 67.8 33.6 100.6





#67

Ethyl Benzene

Concen: 52.881 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

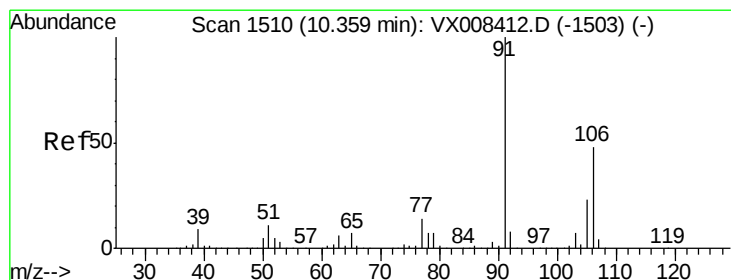
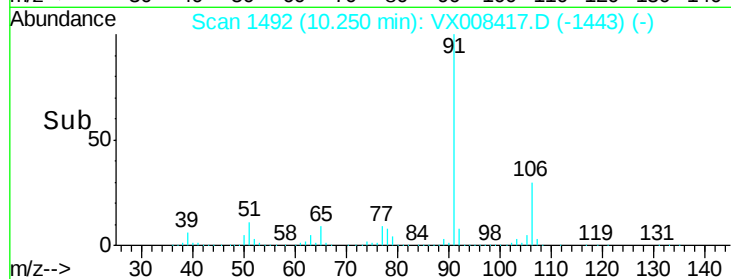
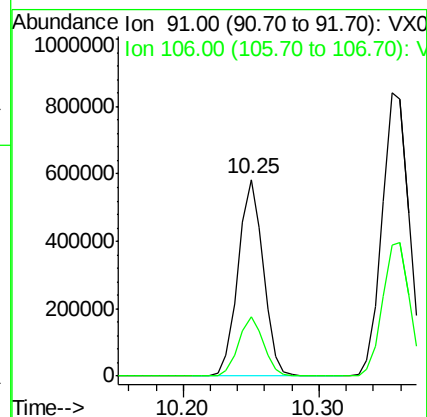
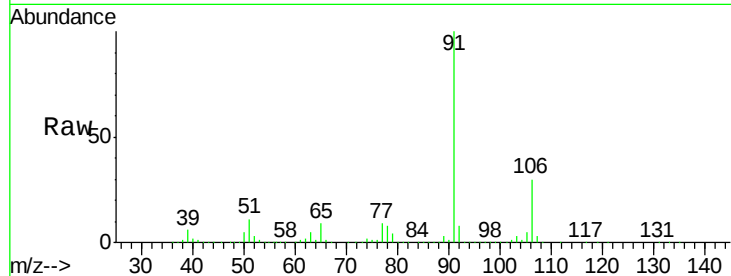
ICVVX032519

Tot Ion: 91 Resp: 752441

Ion Ratio Lower Upper

91 100

106 30.0 24.0 36.0



#68

m/p-Xylenes

Concen: 105.934 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008417.D

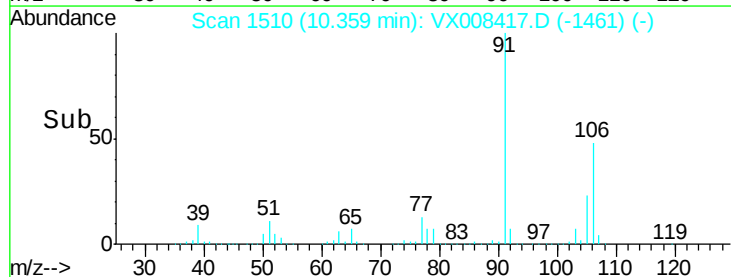
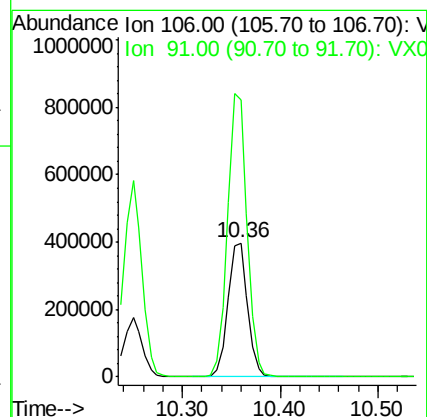
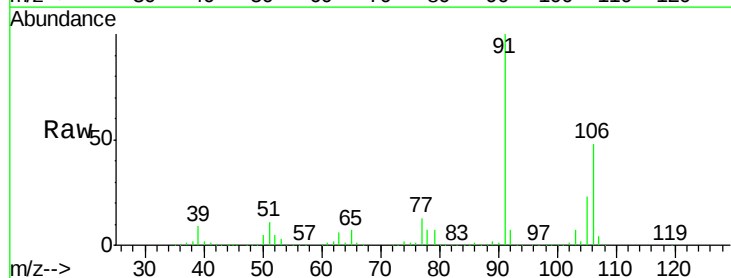
Acq: 25 Mar 2019 17:47

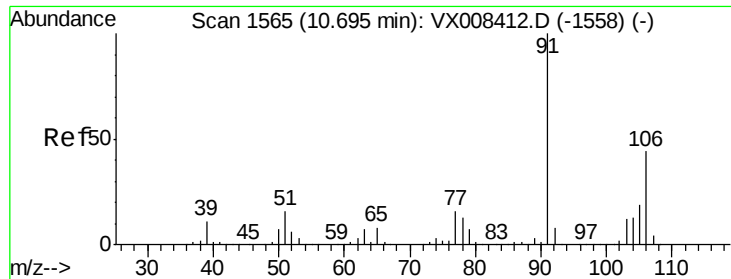
Tgt Ion: 106 Resp: 548355

Ion Ratio Lower Upper

106 100

91 211.6 168.6 253.0

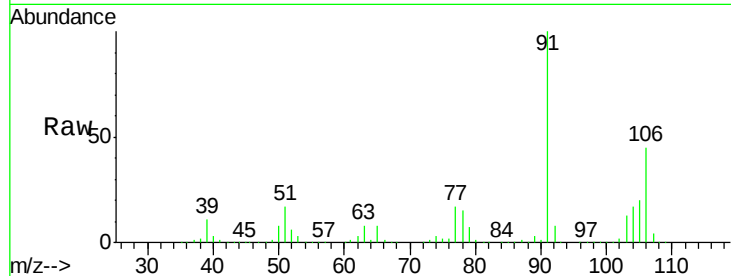




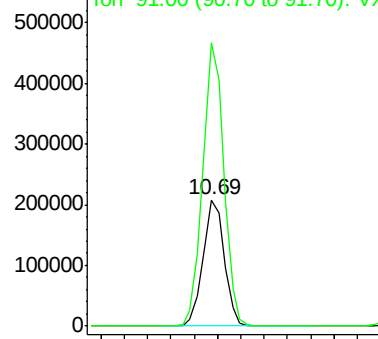
#69
o-Xylene
Concen: 52.856 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampled :
ICVVX032519

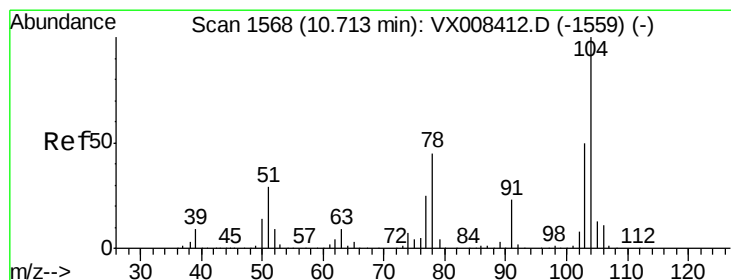
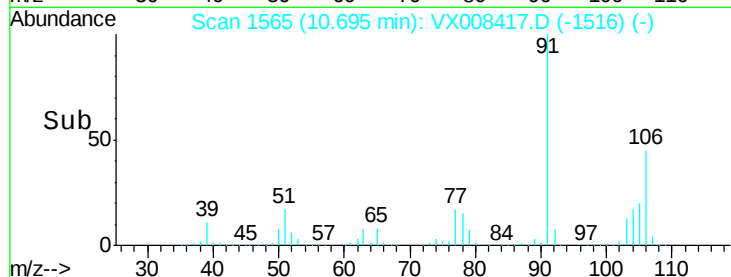
Tot Ion:106 Resp: 265514
Ion Ratio Lower Upper
106 100
91 222.9 111.4 334.2



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

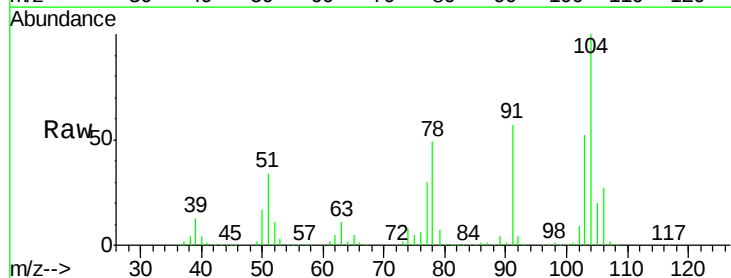


Time--> 10.60 10.70 10.80

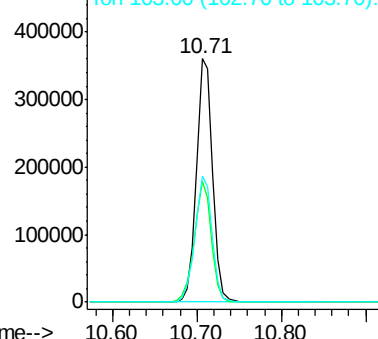


#70
Styrene
Concen: 54.868 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

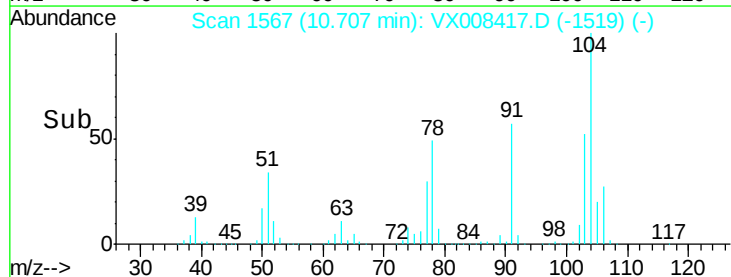
Tgt Ion:104 Resp: 476099
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 55.0 44.2 66.4



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



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 54.990 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

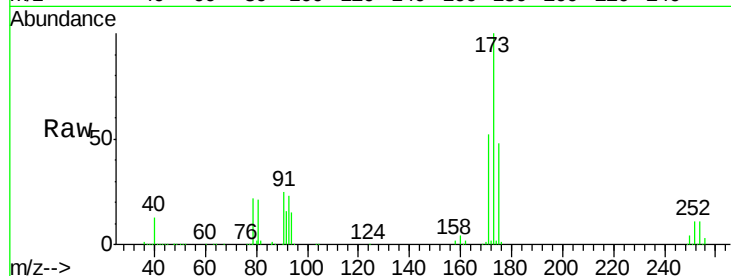
Tot Ion:173 Resp: 112960

Ion Ratio Lower Upper

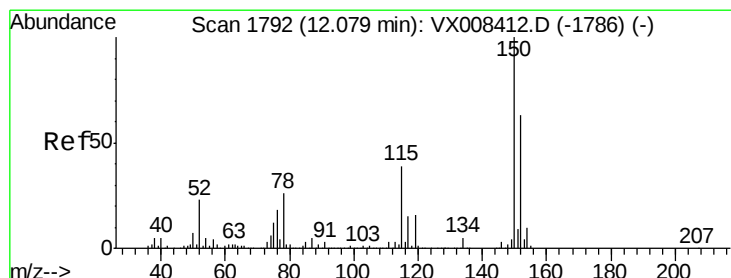
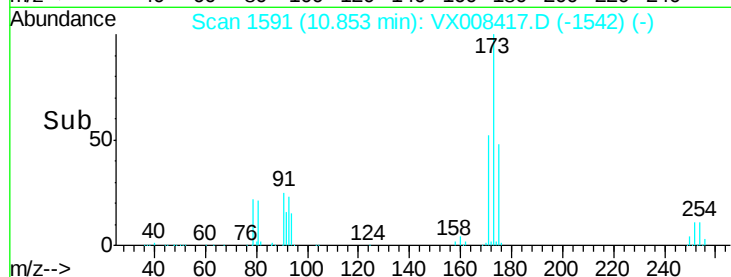
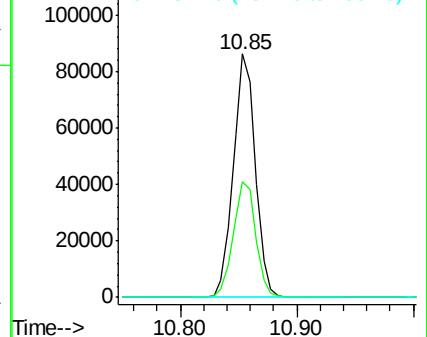
173 100

175 48.7 24.3 72.8

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

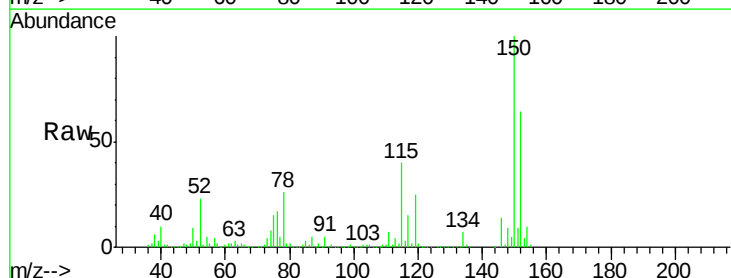
Tgt Ion:152 Resp: 173103

Ion Ratio Lower Upper

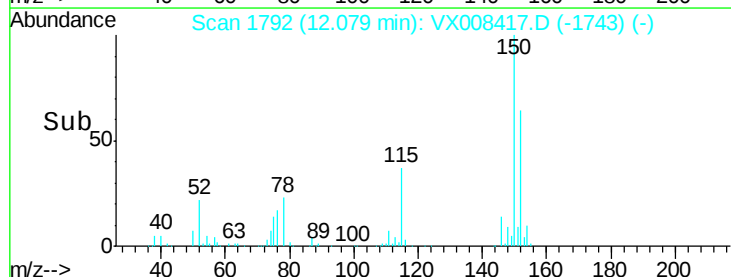
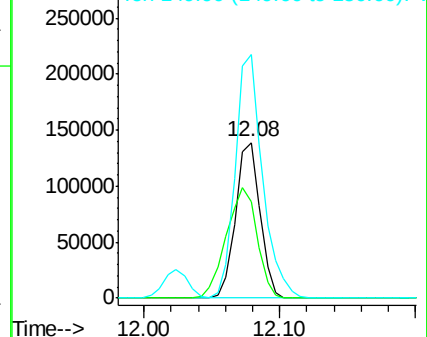
152 100

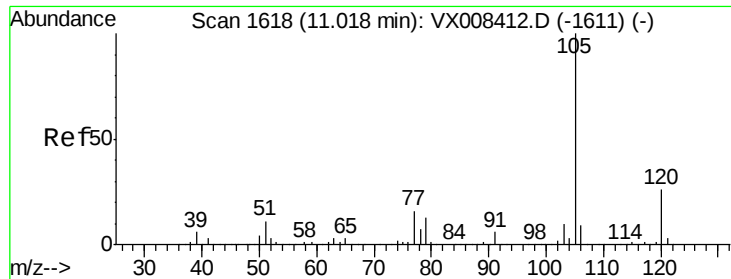
115 89.1 43.5 130.5

150 174.9 0.0 348.8



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





#73

Isopropylbenzene

Concen: 51.128 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

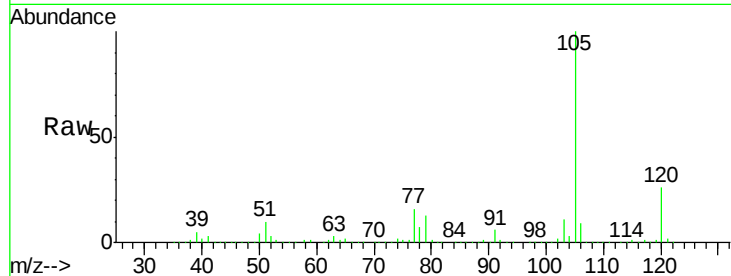
ICVVX032519

Tot Ion:105 Resp: 720019

Ion Ratio Lower Upper

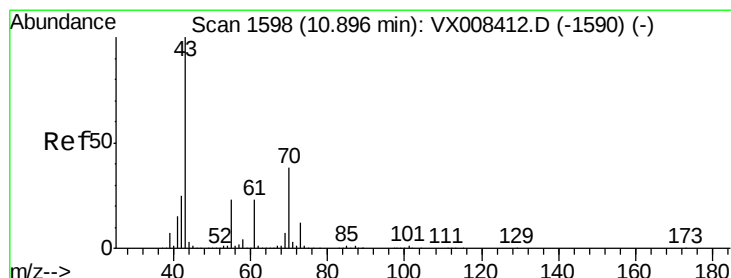
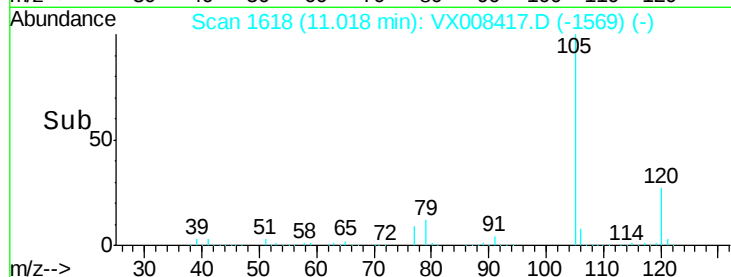
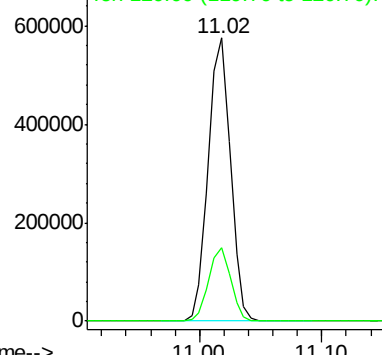
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.536 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion: 43 Resp: 411937

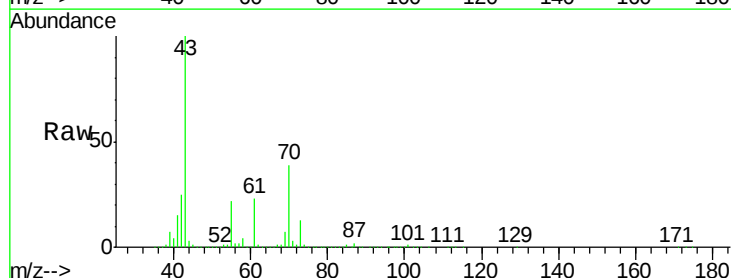
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 22.7 18.2 27.2

61 23.1 18.4 27.6

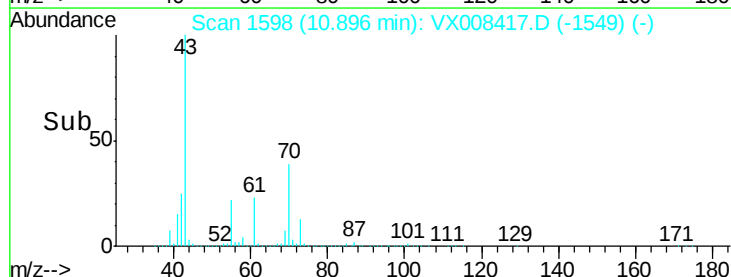
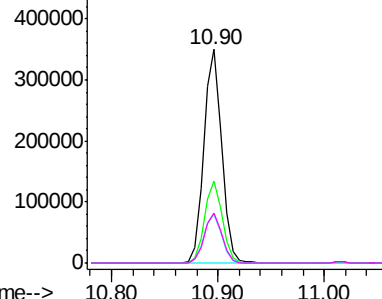


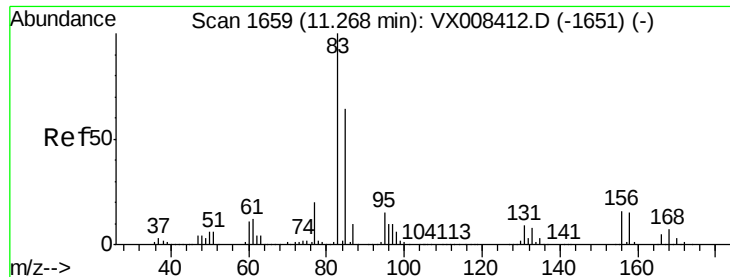
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.850 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

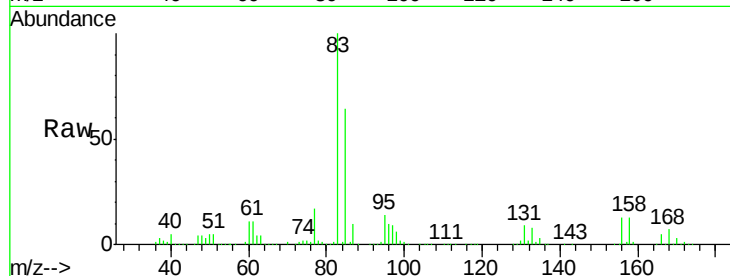
Tot Ion: 83 Resp: 255994

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.4

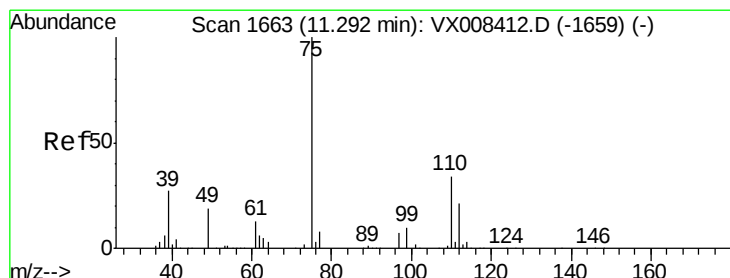
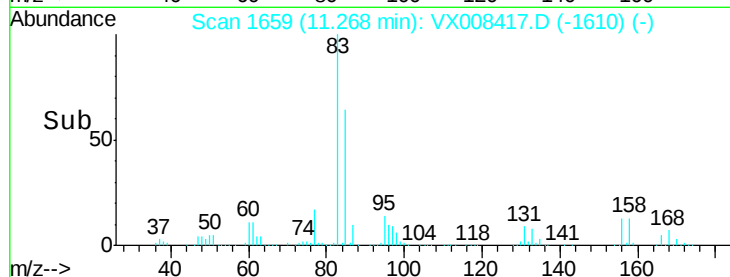
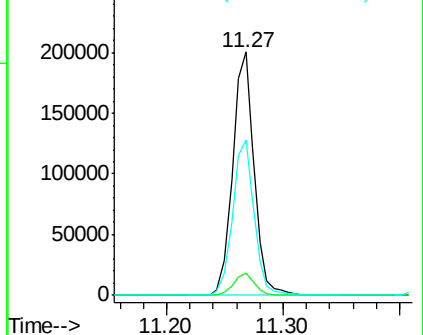
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.621 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008417.D

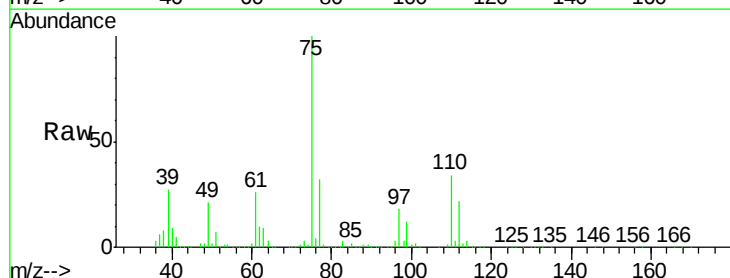
Acq: 25 Mar 2019 17:47

Tgt Ion: 75 Resp: 296531

Ion Ratio Lower Upper

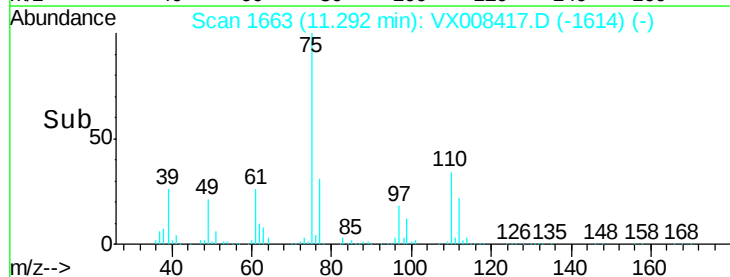
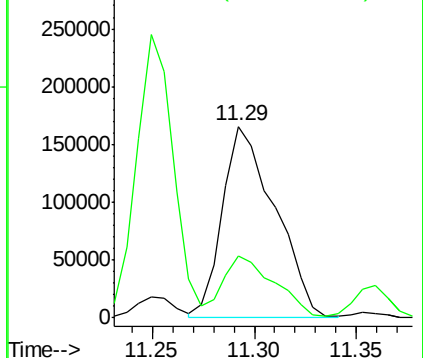
75 100

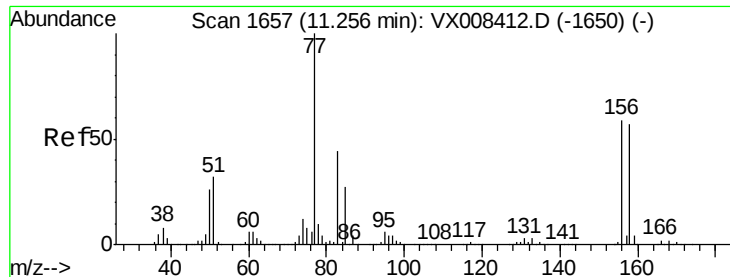
77 31.9 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.721 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

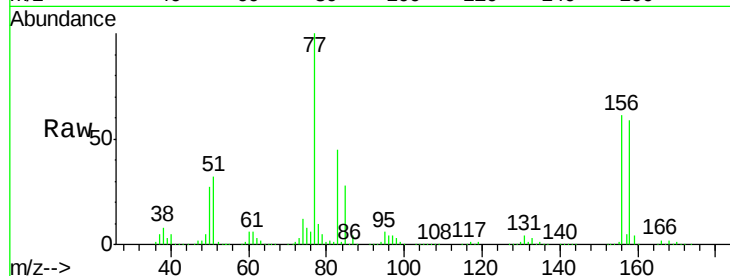
Tot Ion:156 Resp: 169942

Ion Ratio Lower Upper

156 100

77 181.0 91.1 273.3

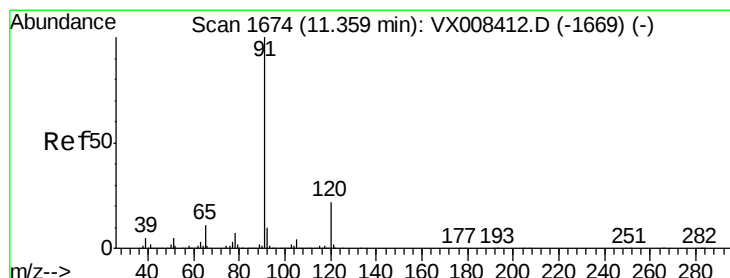
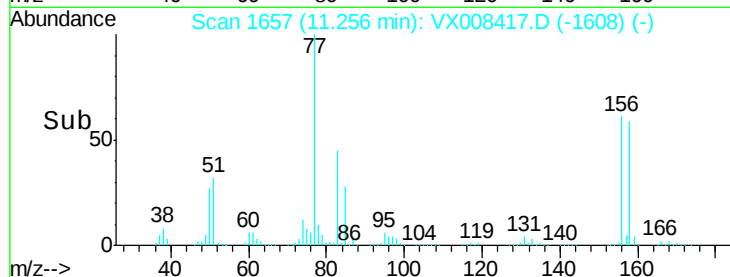
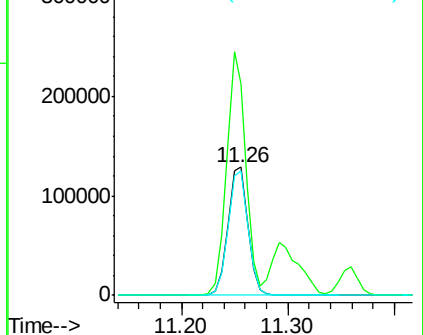
158 97.0 48.3 144.8



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: 52.581 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008417.D

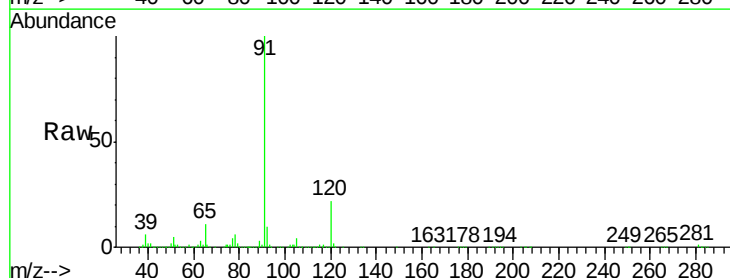
Acq: 25 Mar 2019 17:47

Tgt Ion: 91 Resp: 867427

Ion Ratio Lower Upper

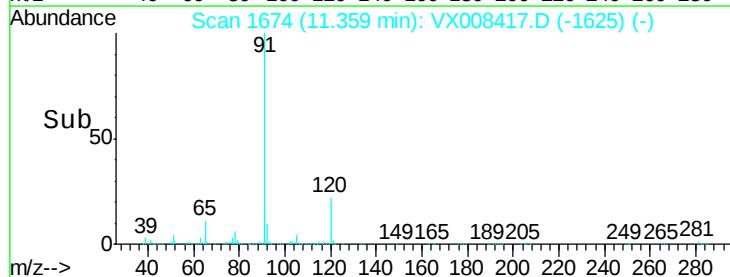
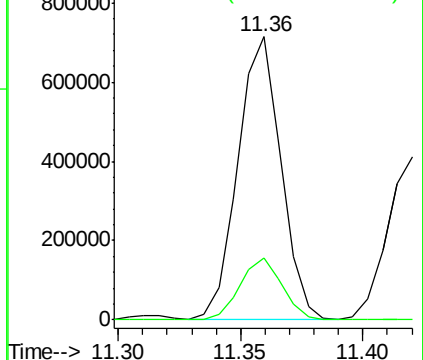
91 100

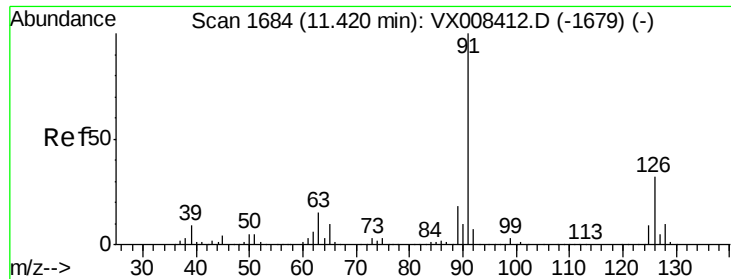
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.500 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

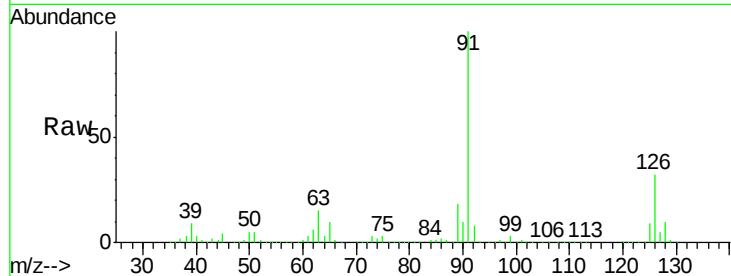
ICVVX032519

Tot Ion: 91 Resp: 506723

Ion Ratio Lower Upper

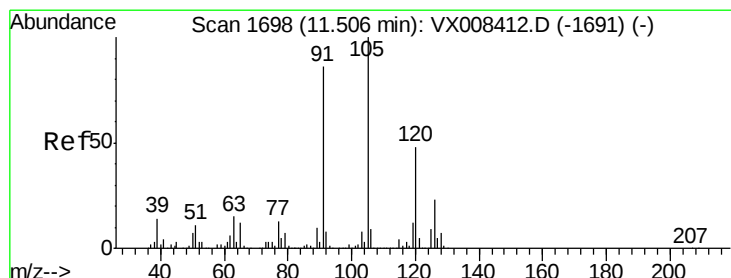
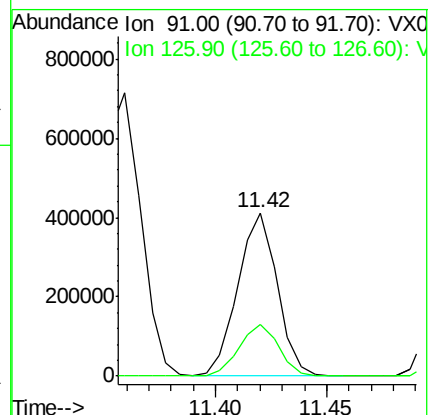
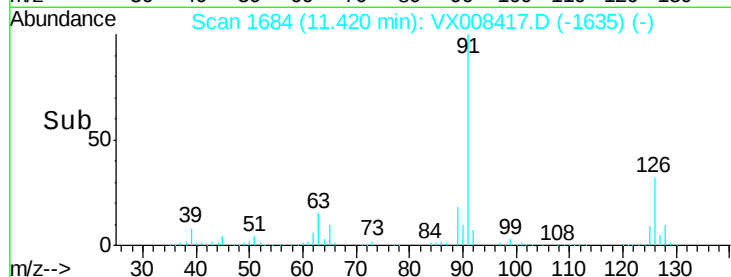
91 100

126 31.7 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.019 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008417.D

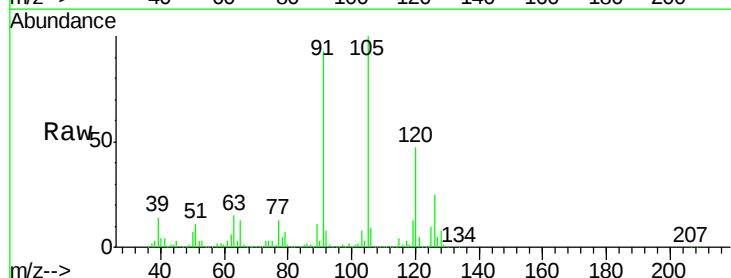
Acq: 25 Mar 2019 17:47

Tgt Ion:105 Resp: 619330

Ion Ratio Lower Upper

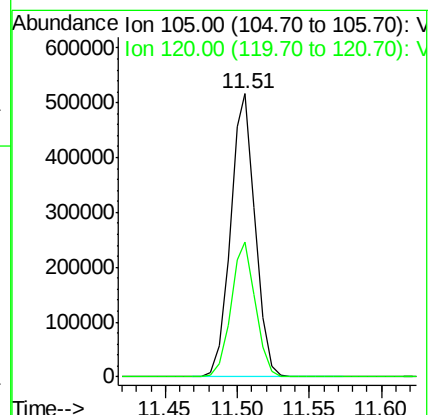
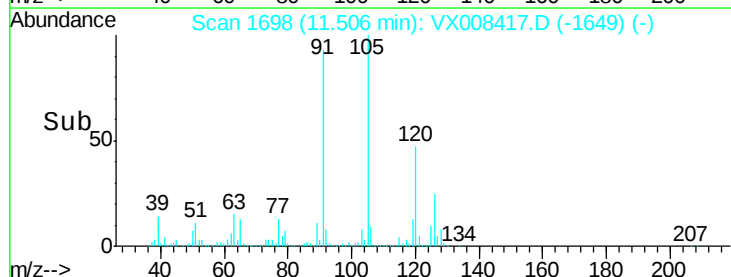
105 100

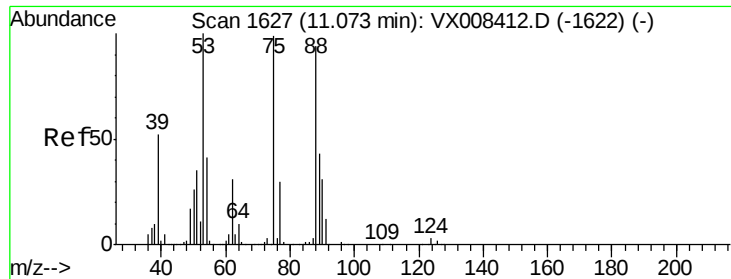
120 47.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

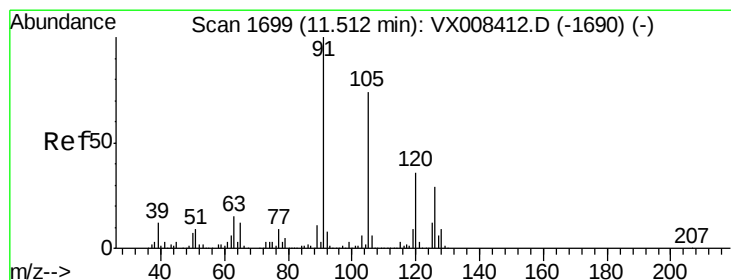
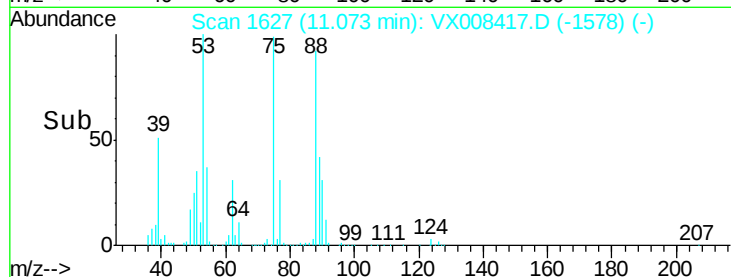
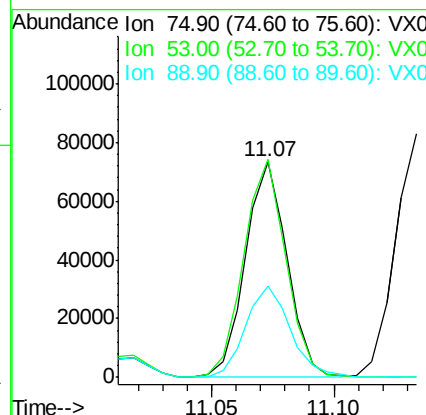
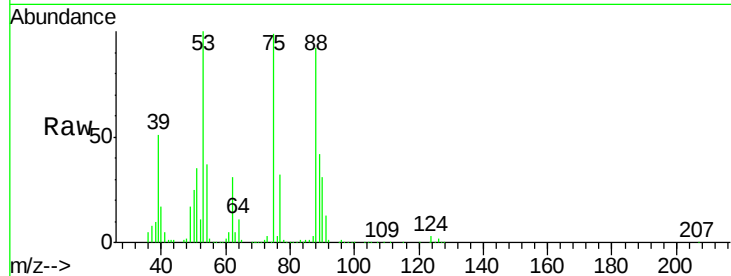




#81
trans-1,4-Dichloro-2-butene
Concen: 53.901 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

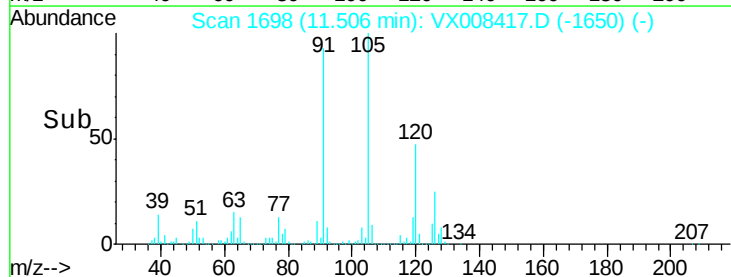
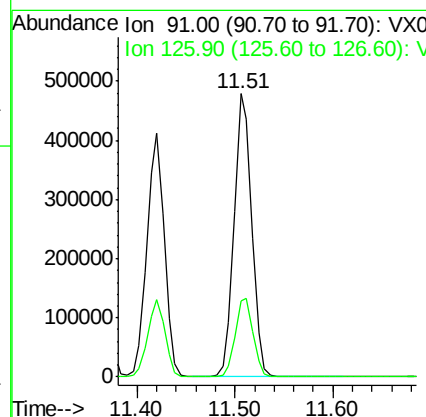
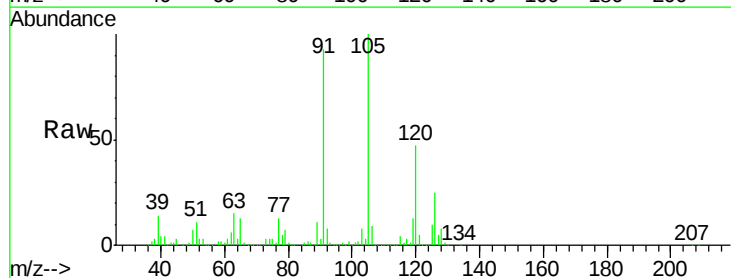
Instrument :
MSVOA_X
ClientSampled :
ICVVX032519

Tot Ion: 75 Resp: 86606
Ion Ratio Lower Upper
75 100
53 102.4 82.1 123.1
89 46.0 34.6 52.0



#82
4-Chlorotoluene
Concen: 51.734 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 91 Resp: 598790
Ion Ratio Lower Upper
91 100
126 28.1 13.9 41.7

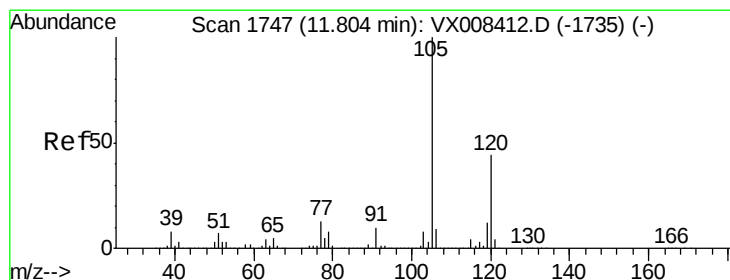
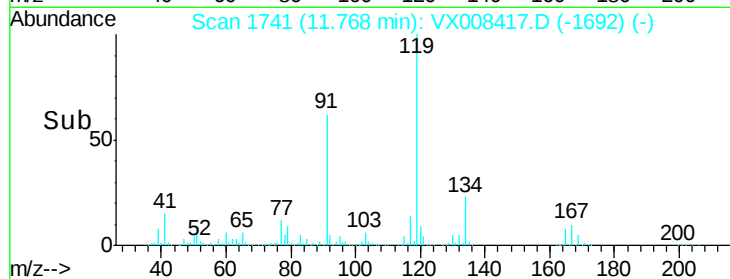
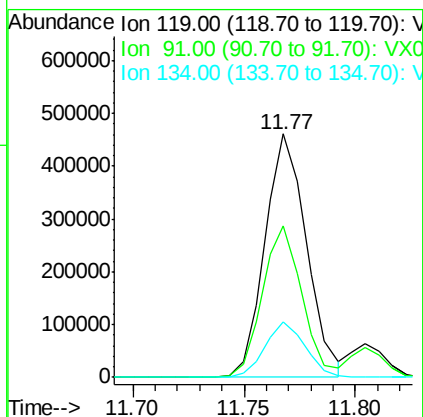
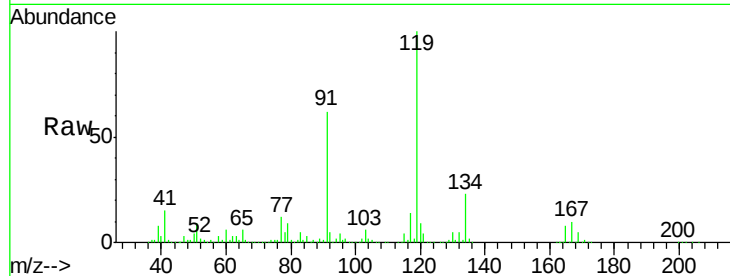




#83
 tert-Butylbenzene
 Concen: 52.116 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

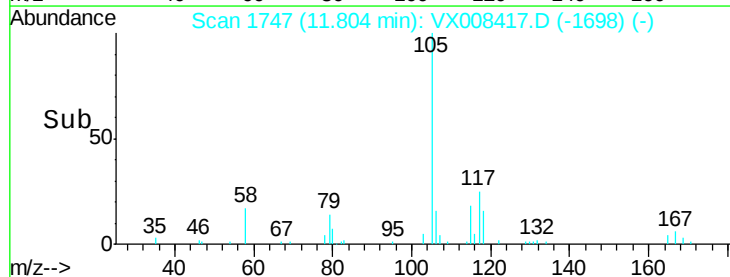
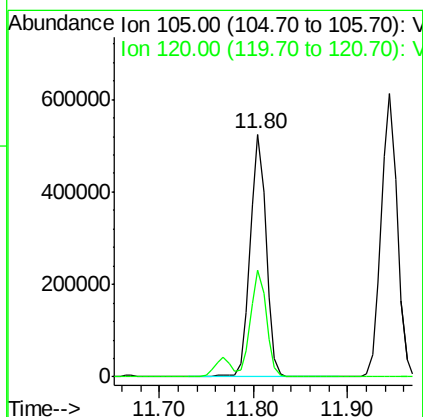
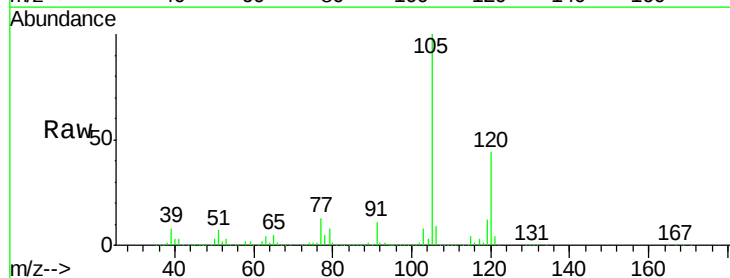
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

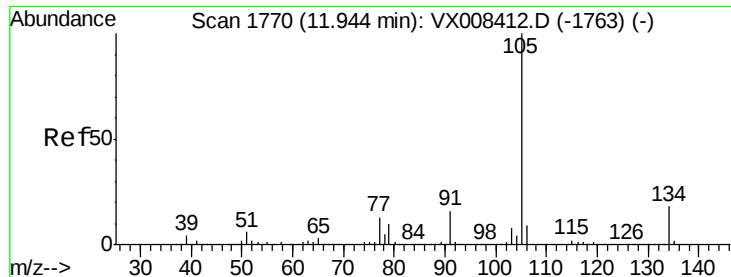
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	30.1	90.3
134	21.9	10.9	32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.635 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.6	65.0





#85

sec-Butylbenzene

Concen: 53.096 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

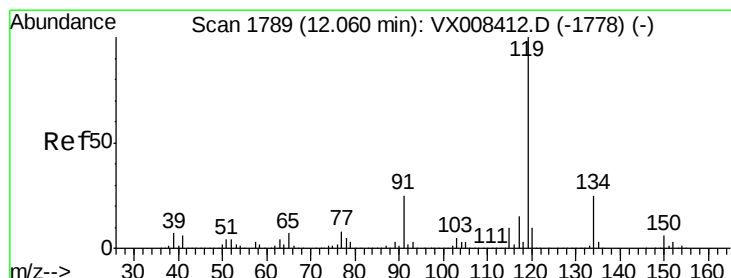
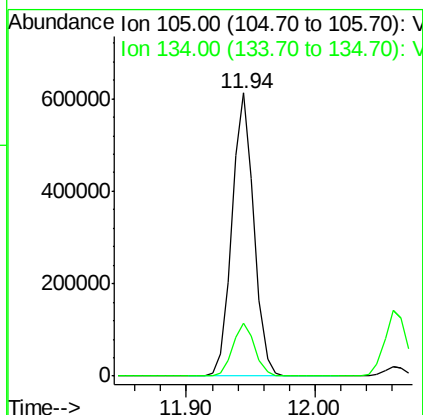
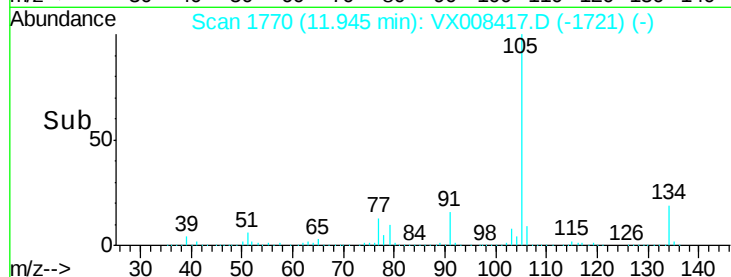
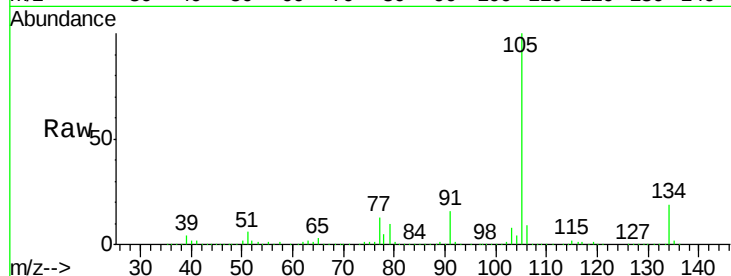
ICVVX032519

Tot Ion:105 Resp: 726314

Ion Ratio Lower Upper

105 100

134 18.9 9.3 28.0



#86

p-Isopropyltoluene

Concen: 54.394 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

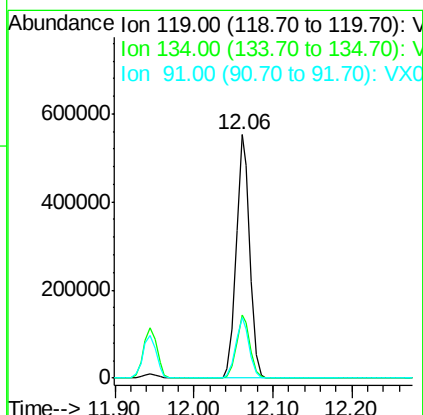
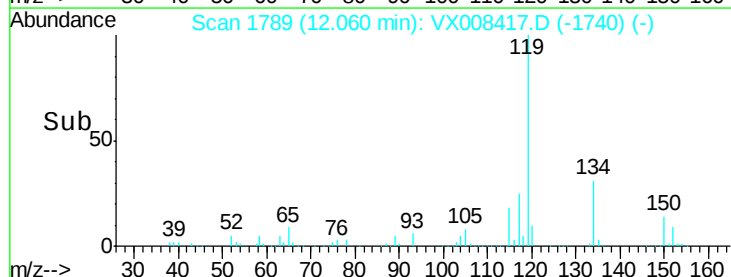
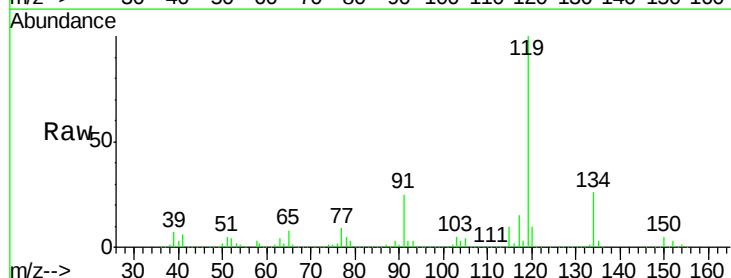
Tgt Ion:119 Resp: 656556

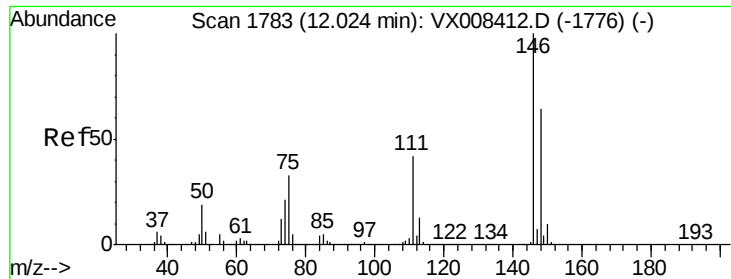
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.6 12.4 37.0

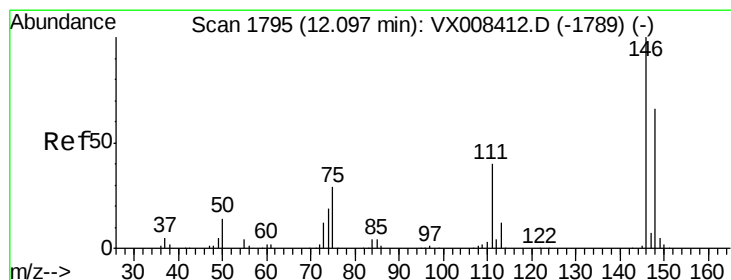
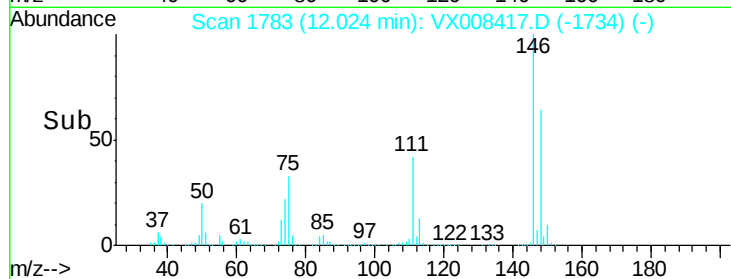
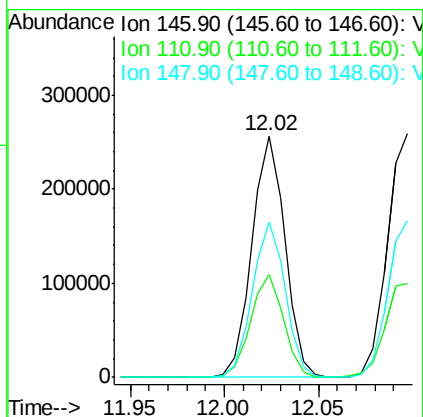
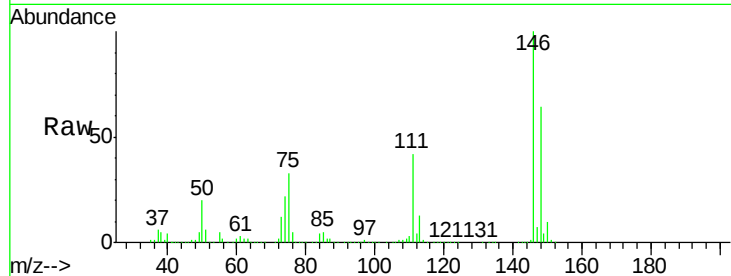




#87
 1,3-Dichlorobenzene
 Concen: 51.118 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

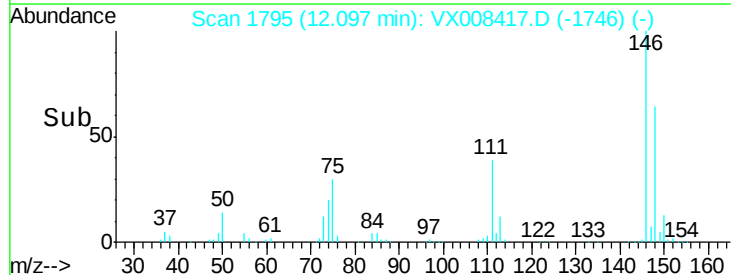
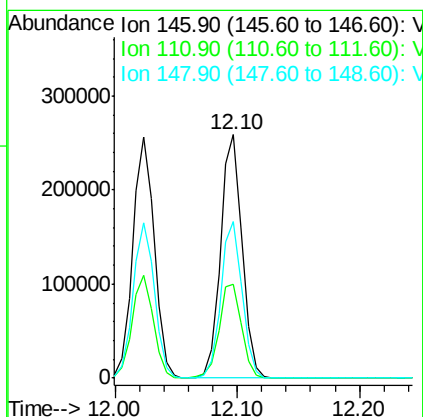
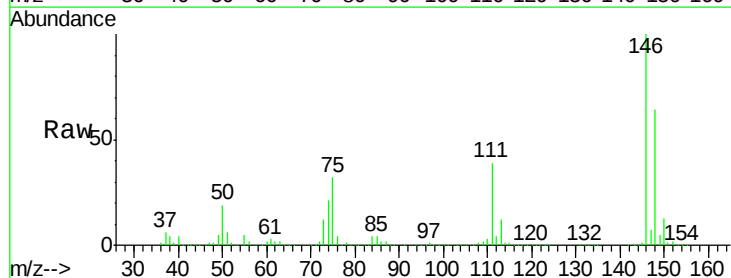
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

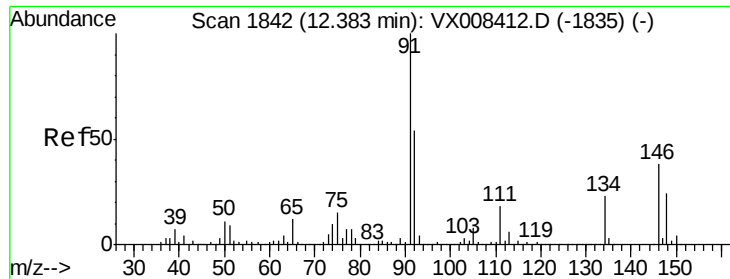
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.5
148	63.8	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 51.044 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	63.8	32.1	96.5

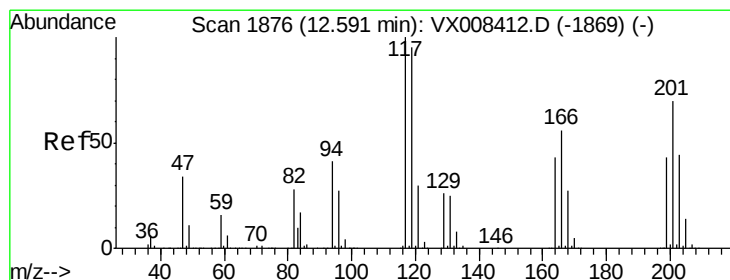
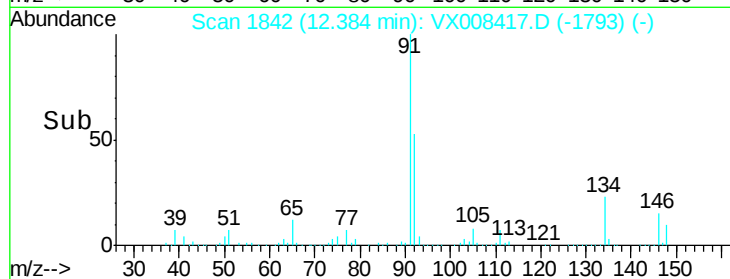
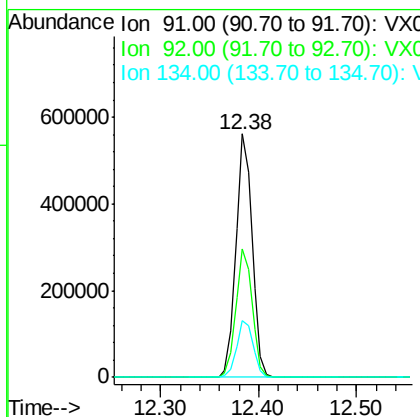
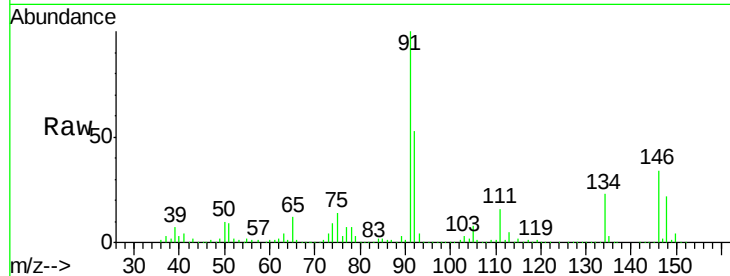




#89
n-Butylbenzene
Concen: 56.474 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

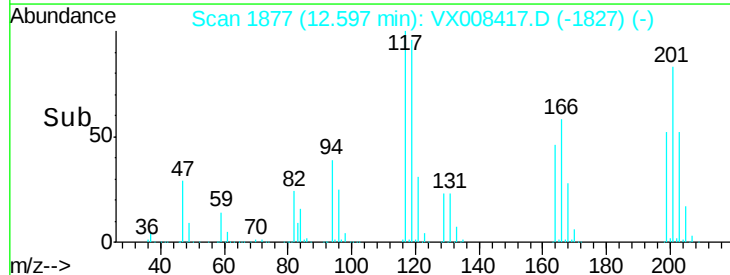
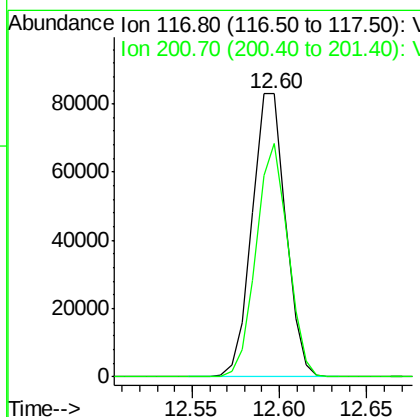
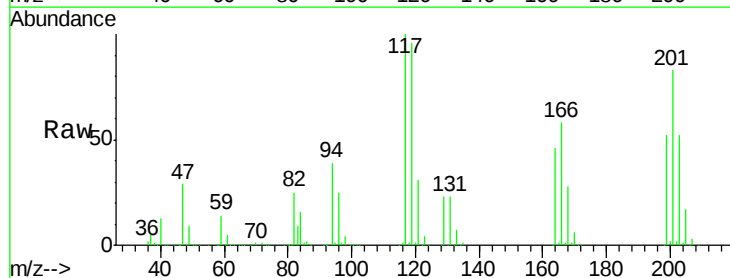
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

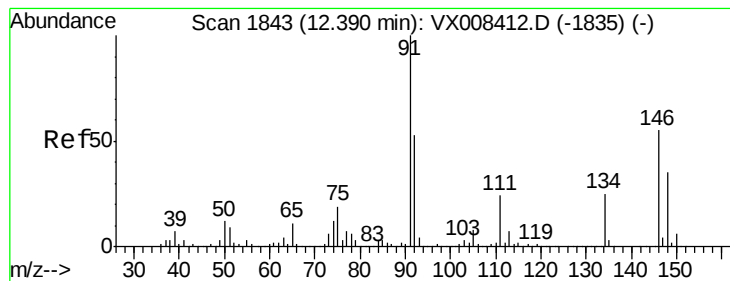
Tot Ion: 91 Resp: 645743
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 23.7 11.8 35.4



#90
Hexachloroethane
Concen: 55.279 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 117 Resp: 111158
Ion Ratio Lower Upper
117 100
201 78.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 50.476 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

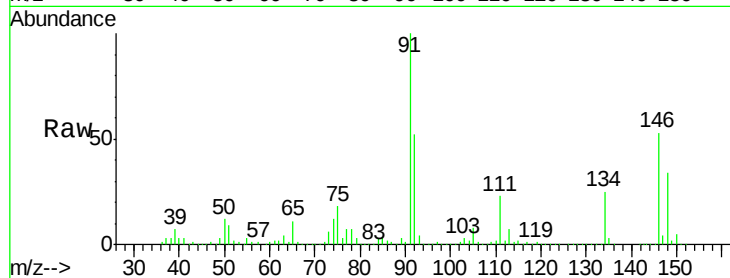
Tot Ion:146 Resp: 308684

Ion Ratio Lower Upper

146 100

111 43.5 21.6 64.6

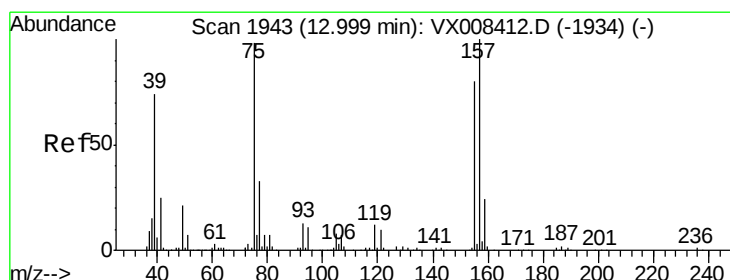
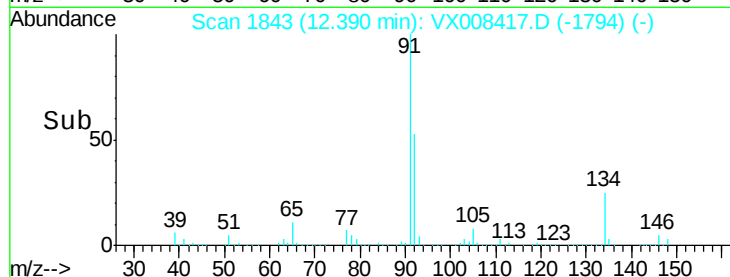
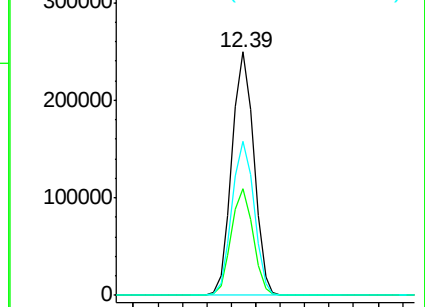
148 63.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.039 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

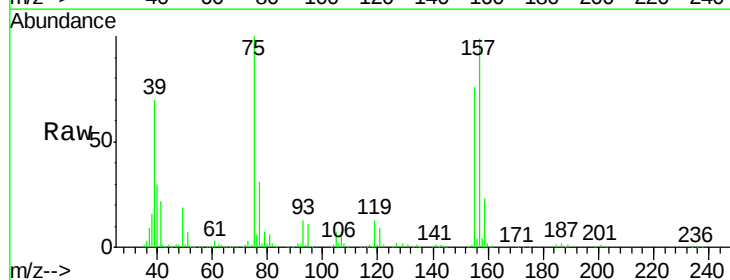
Tgt Ion: 75 Resp: 54851

Ion Ratio Lower Upper

75 100

155 76.9 39.5 118.5

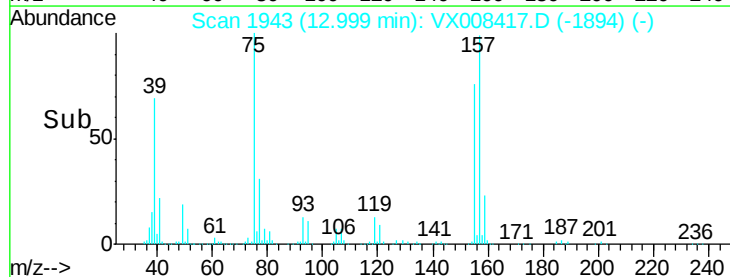
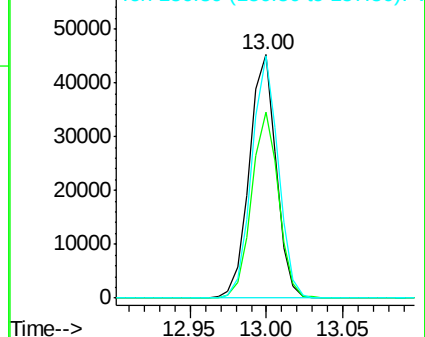
157 98.7 49.9 149.7

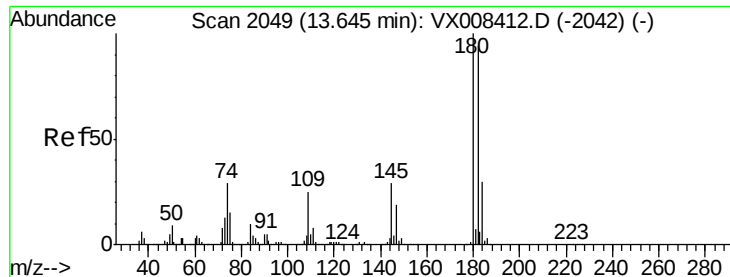


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

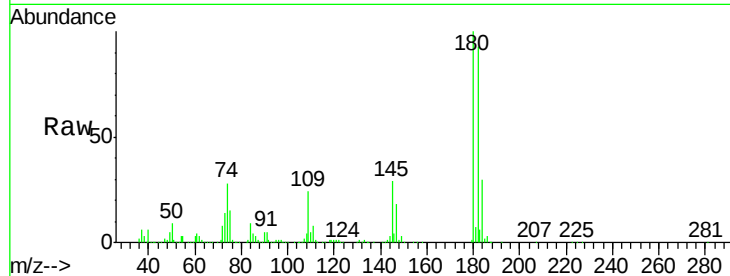




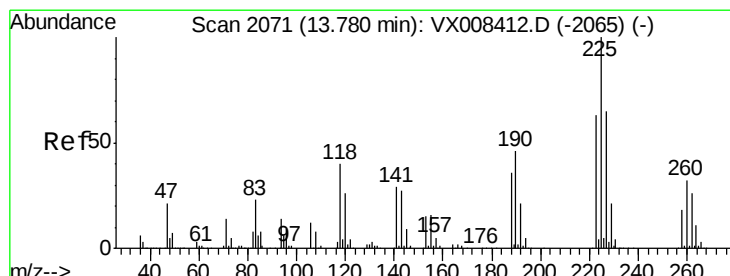
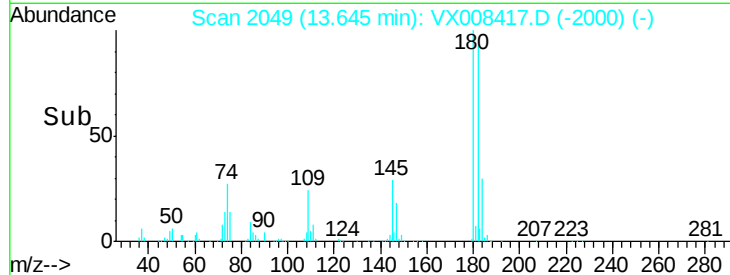
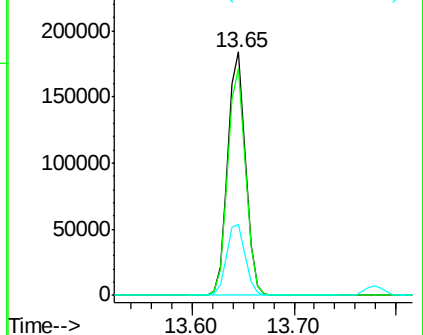
#93
 1,2,4-Trichlorobenzene
 Concen: 53.651 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	142.0
145	30.4	15.3	45.8

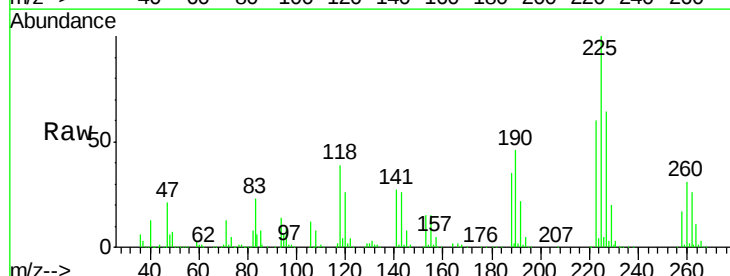


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

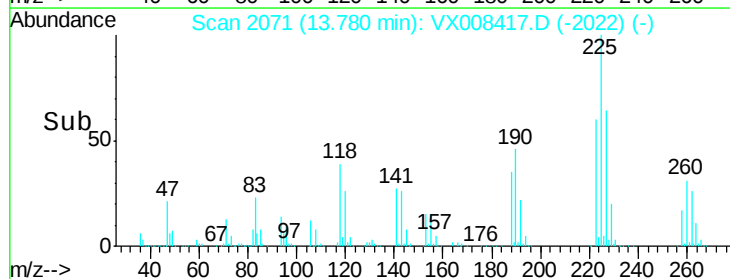
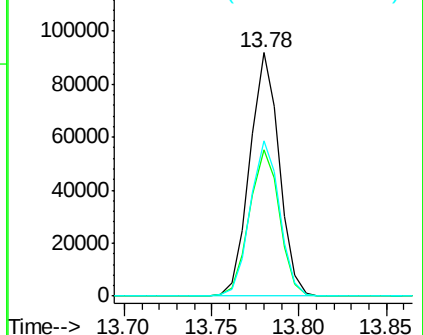


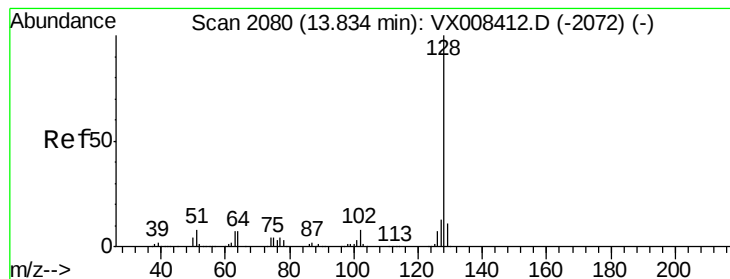
#94
 Hexachlorobutadiene
 Concen: 55.171 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.0
227	63.8	31.9	95.9



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: 49.405 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

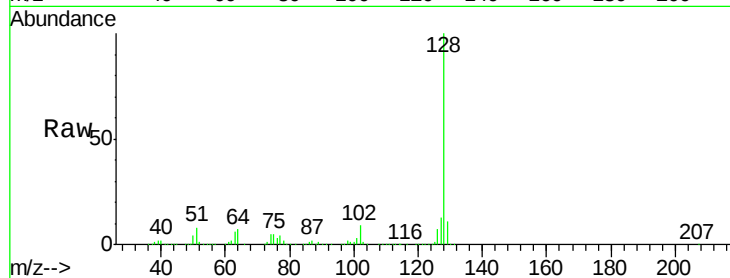
Tot Ion:128 Resp: 697389

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

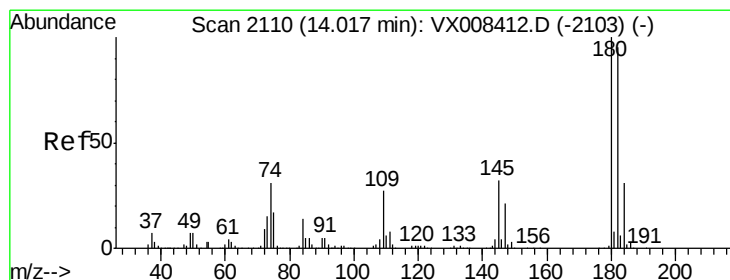
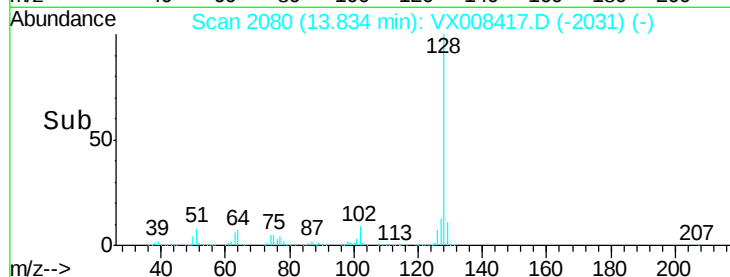
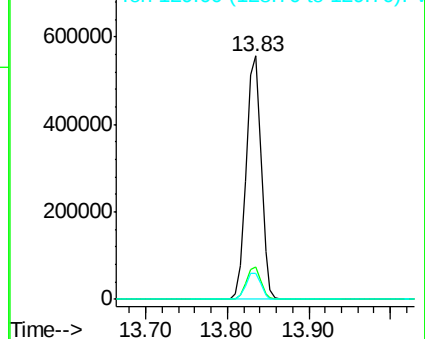
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.064 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

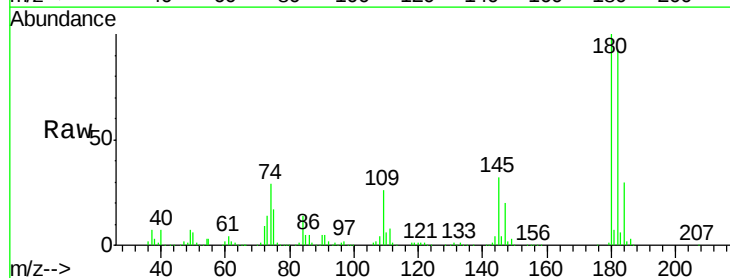
Tgt Ion:180 Resp: 215404

Ion Ratio Lower Upper

180 100

182 94.6 47.3 142.0

145 32.1 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

