

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008614.D
 Acq On : 03 Apr 2019 13:16
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Quant Time: Apr 04 04:53:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	248307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	406460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176602	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	169930	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
35) Dibromofluoromethane	5.49	113	126300	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.71	98	519146	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	191562	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	142813	49.966	ug/l	98
3) Chloromethane	1.32	50	190439	54.519	ug/l	99
4) Vinyl Chloride	1.40	62	185881	48.108	ug/l	100
5) Bromomethane	1.64	94	92780	48.793	ug/l	99
6) Chloroethane	1.71	64	112779	53.669	ug/l	100
7) Trichlorofluoromethane	1.92	101	210744	49.342	ug/l	98
8) Diethyl Ether	2.18	74	96683	47.734	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138493	50.363	ug/l	99
10) Methyl Iodide	2.51	142	119398	47.861	ug/l	99
11) Tert butyl alcohol	3.06	59	210664	248.458	ug/l	100
12) 1,1-Dichloroethene	2.37	96	137399	47.864	ug/l	99
13) Acrolein	2.29	56	93450	222.274	ug/l	97
14) Allyl chloride	2.72	41	323620	49.245	ug/l	99
15) Acrylonitrile	3.14	53	536938	239.043	ug/l	99
16) Acetone	2.44	43	516243	247.481	ug/l	99
17) Carbon Disulfide	2.56	76	423263	51.075	ug/l	99
18) Methyl Acetate	2.77	43	231087	45.677	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	506910	49.446	ug/l	98
20) Methylene Chloride	2.85	84	163120	46.716	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	149148	48.034	ug/l	95
22) Diisopropyl ether	3.85	45	603683	47.661	ug/l	99
23) Vinyl Acetate	3.81	43	2750209	249.593	ug/l	100
24) 1,1-Dichloroethane	3.69	63	304716	48.590	ug/l	99
25) 2-Butanone	4.67	43	815286	247.283	ug/l	99
26) 2,2-Dichloropropane	4.57	77	225174	50.980	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	170324	47.710	ug/l	100
28) Bromochloromethane	5.01	49	128350	48.931	ug/l	99
29) Tetrahydrofuran	5.12	42	513124	234.488	ug/l	100
30) Chloroform	5.21	83	271277	48.432	ug/l	100
31) Cyclohexane	5.57	56	304541	48.668	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	225204	49.754	ug/l	100
36) 1,1-Dichloropropene	5.79	75	219409	49.383	ug/l	100
37) Ethyl Acetate	4.83	43	296321	49.966	ug/l	100
38) Carbon Tetrachloride	5.78	117	189388	51.502	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284703	51.872	ug/l	99
40) Benzene	6.14	78	658312	49.735	ug/l	100
41) Methacrylonitrile	5.04	41	167574	49.158	ug/l	100
42) 1,2-Dichloroethane	6.19	62	229538	48.373	ug/l	99
43) Isopropyl Acetate	6.44	43	472698	50.882	ug/l	100
44) Trichloroethene	7.21	130	155152	50.328	ug/l	99
45) 1,2-Dichloropropane	7.51	63	186028	49.240	ug/l	99
46) Dibromomethane	7.66	93	106853	48.766	ug/l	100
47) Bromodichloromethane	7.90	83	215193	52.087	ug/l	99
48) Methyl methacrylate	7.77	41	240997	51.282	ug/l	100
49) 1,4-Dioxane	7.74	88	88537	1005.721	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1540674	257.620	ug/l	100
52) Toluene	8.78	92	396178	50.769	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	254010	54.887	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	278284	52.626	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	157181	50.180	ug/l	98
56) Ethyl methacrylate	9.18	69	300607	53.041	ug/l	99
57) 1,3-Dichloropropane	9.37	76	281934	50.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	779240	269.268	ug/l	99
59) 2-Hexanone	9.49	43	1187960	255.604	ug/l	100
60) Dibromochloromethane	9.58	129	156499	53.020	ug/l	98
61) 1,2-Dibromoethane	9.67	107	163598	50.169	ug/l	99
64) Tetrachloroethene	9.34	164	131039	48.329	ug/l	98
65) Chlorobenzene	10.13	112	406992	50.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	145616	51.167	ug/l	100
67) Ethyl Benzene	10.25	91	769659	50.881	ug/l	98
68) m/p-Xylenes	10.36	106	561364	103.214	ug/l	99
69) o-Xylene	10.69	106	272448	51.689	ug/l	98
70) Styrene	10.71	104	477492	52.554	ug/l	100
71) Bromoform	10.85	173	117185	53.914	ug/l #	100
73) Isopropylbenzene	11.02	105	726734	49.655	ug/l	100
74) N-amyl acetate	10.90	43	419411	48.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	255751	45.948	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	310534	64.009	ug/l	81
77) Bromobenzene	11.26	156	171852	48.844	ug/l	100
78) n-propylbenzene	11.36	91	866991	50.876	ug/l	100
79) 2-Chlorotoluene	11.42	91	503871	48.860	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	615940	50.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	92269	52.427	ug/l	100
82) 4-Chlorotoluene	11.51	91	588942	49.337	ug/l	99
83) tert-Butylbenzene	11.77	119	586503	49.622	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	625769	50.304	ug/l	100
85) sec-Butylbenzene	11.94	105	715464	50.962	ug/l	99
86) p-Isopropyltoluene	12.06	119	649054	51.509	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311318	49.426	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	311097	48.775	ug/l	99
89) n-Butylbenzene	12.38	91	627876	53.132	ug/l	100
90) Hexachloroethane	12.60	117	110075	52.668	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	304009	48.611	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58464	47.747	ug/l	99

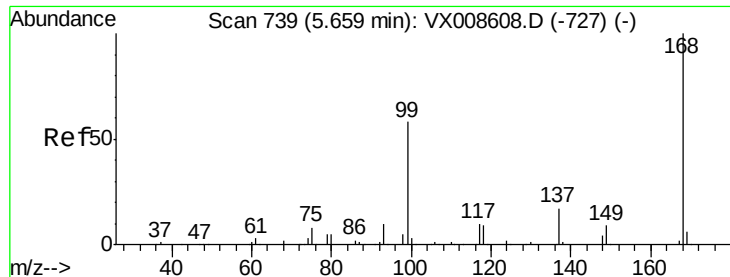
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040319\
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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	219175	50.405	ug/l	99
94) Hexachlorobutadiene	13.78	225	107036	51.328	ug/l	100
95) Naphthalene	13.83	128	714930	49.194	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	213310	49.099	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: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

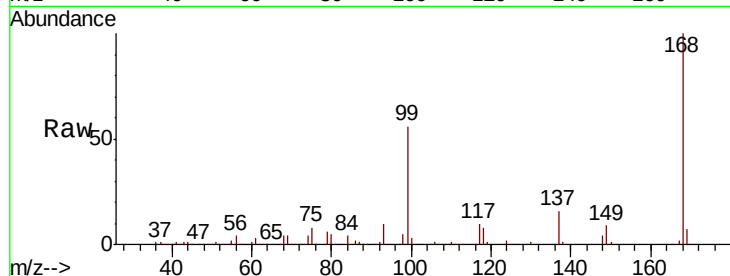
ICVVX040319

Tot Ion:168 Resp: 248307

Ion Ratio Lower Upper

168 100

99 56.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

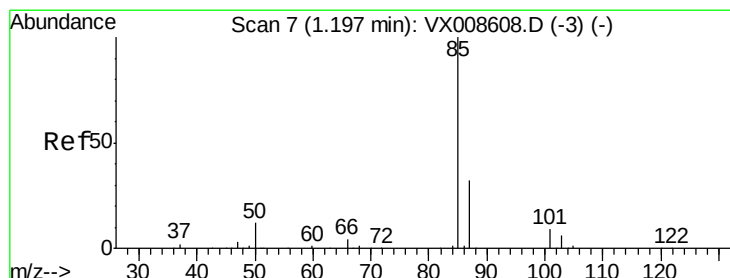
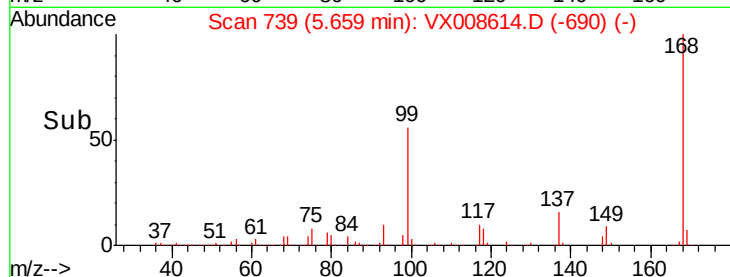
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.966 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008614.D

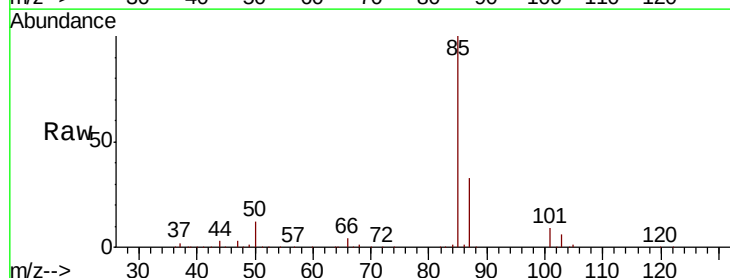
Acq: 03 Apr 2019 13:16

Tgt Ion: 85 Resp: 142813

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

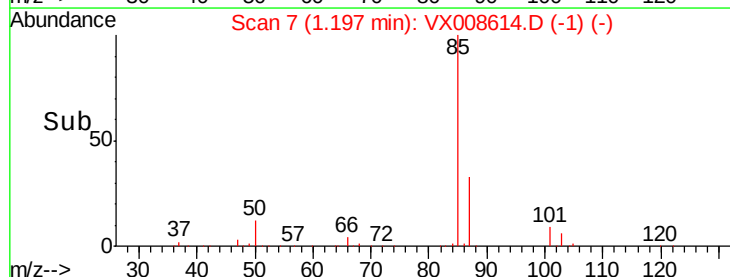
1.20

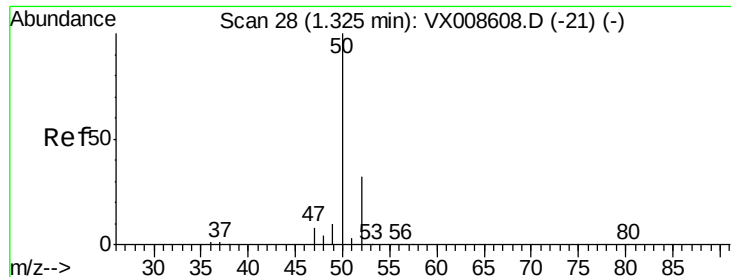
100000

50000

0

Time--> 1.10 1.20 1.30

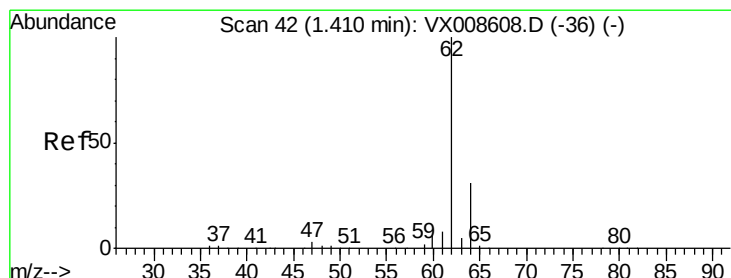
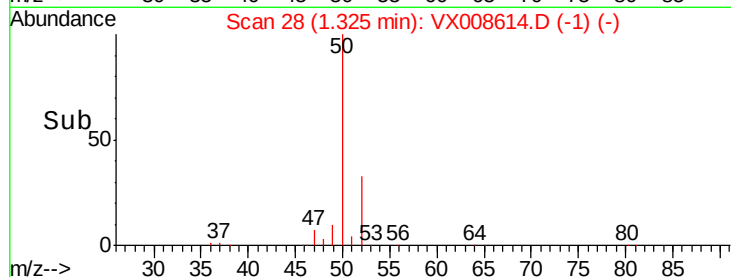
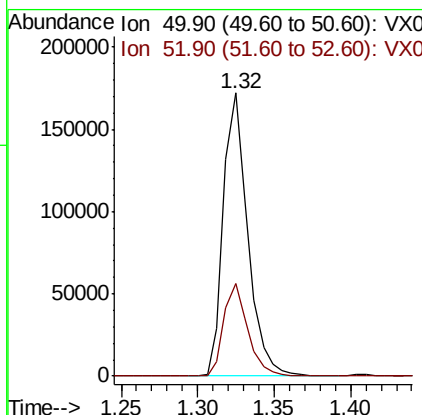
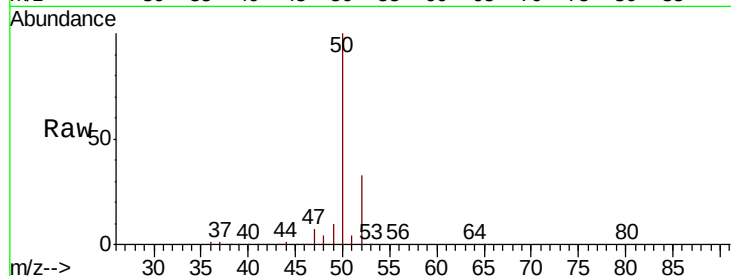




#3
Chloromethane
Concen: 54.519 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

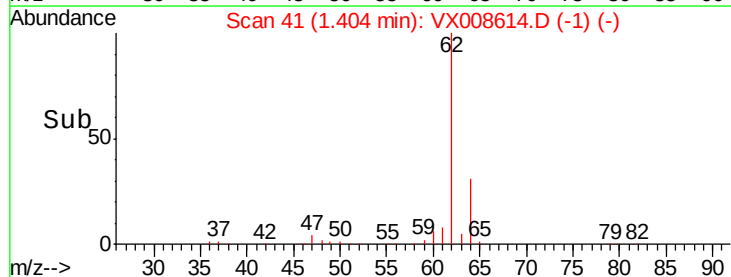
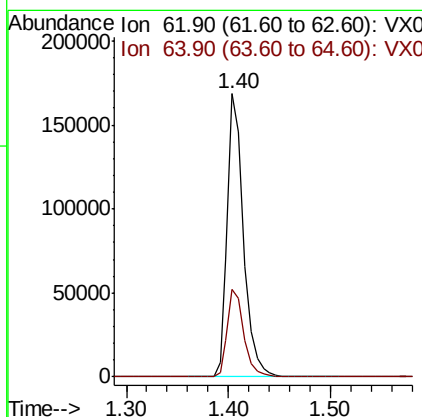
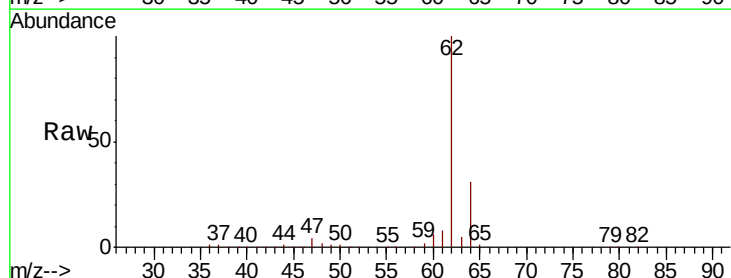
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

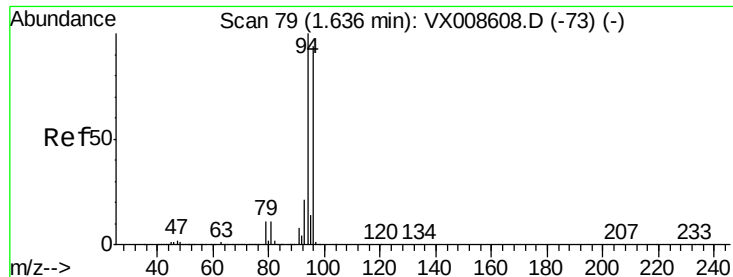
Tot Ion: 50 Resp: 190439
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8



#4
Vinyl Chloride
Concen: 48.108 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 62 Resp: 185881
Ion Ratio Lower Upper
62 100
64 31.0 24.7 37.1





#5

Bromomethane

Concen: 48.793 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

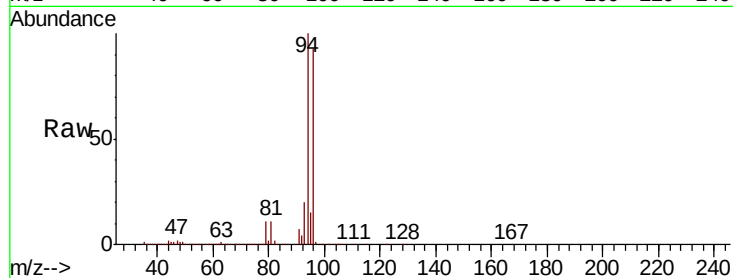
ICVVX040319

Tot Ion: 94 Resp: 92780

Ion Ratio Lower Upper

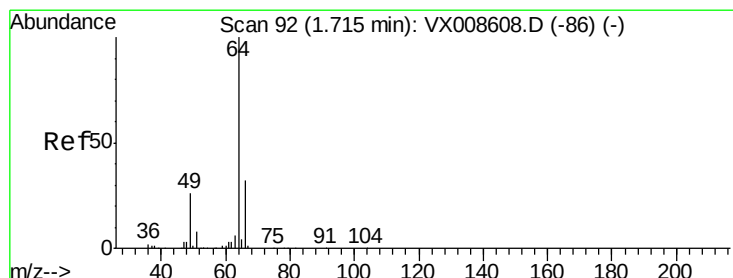
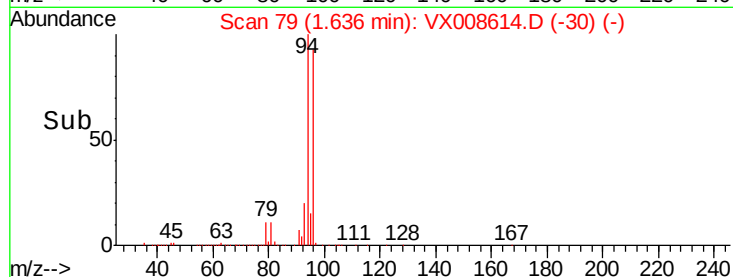
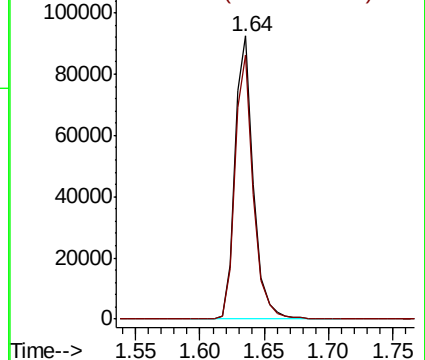
94 100

96 93.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.669 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008614.D

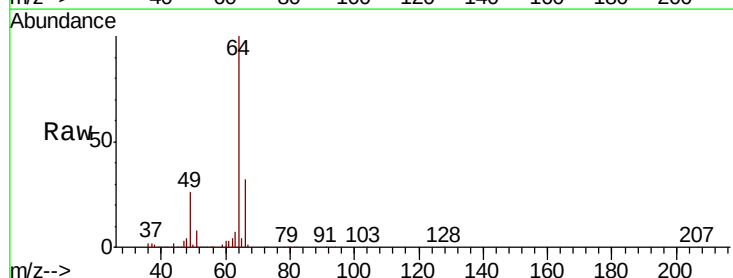
Acq: 03 Apr 2019 13:16

Tgt Ion: 64 Resp: 112779

Ion Ratio Lower Upper

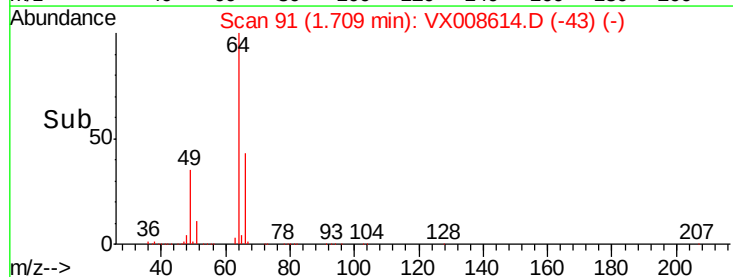
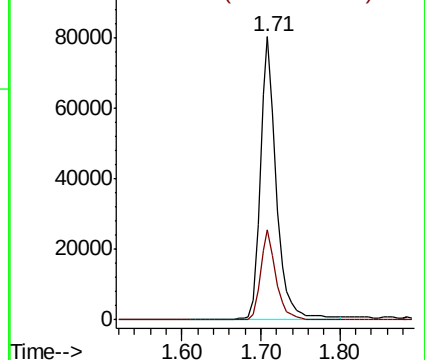
64 100

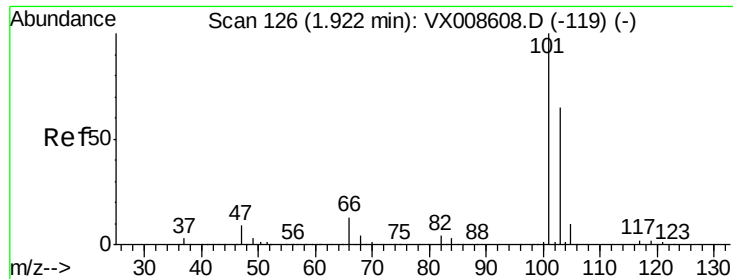
66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



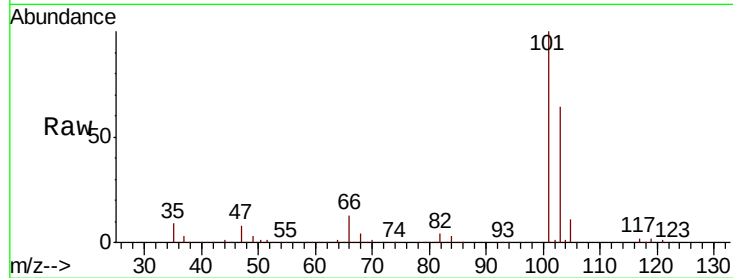


#7

Trichlorofluoromethane
Concen: 49.342 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

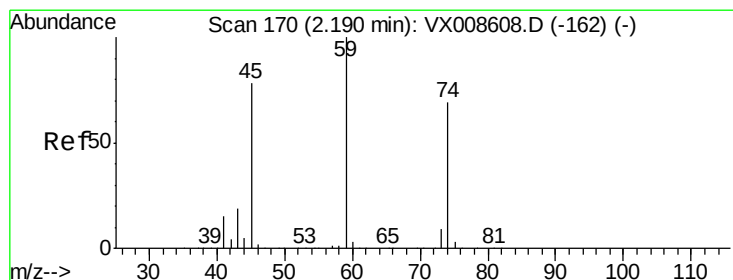
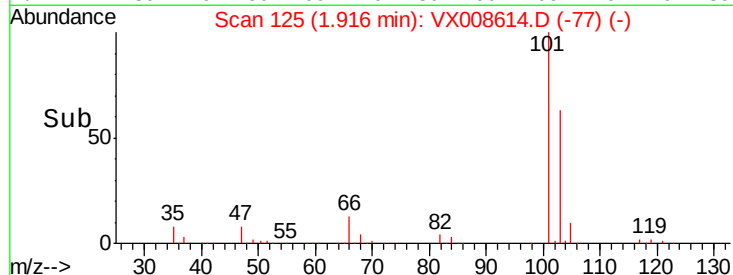
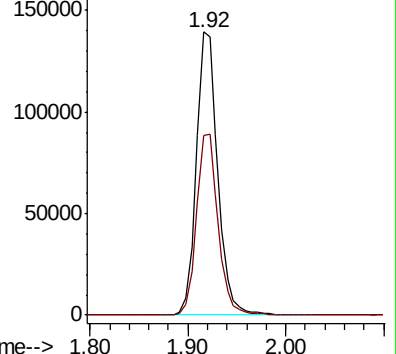
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion:101 Resp: 210744
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

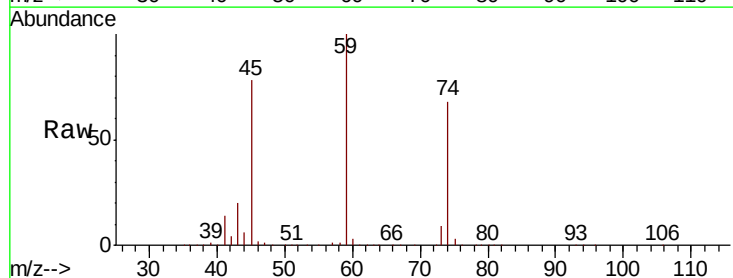
Ion 102.80 (102.50 to 103.50): V



#8

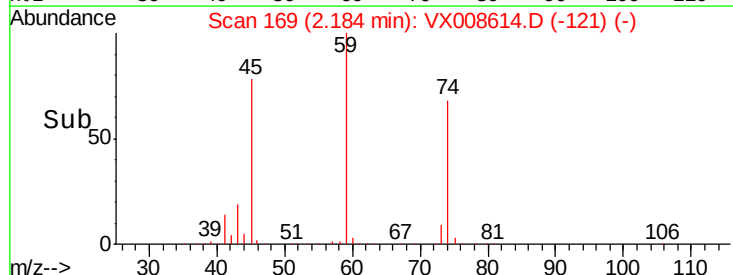
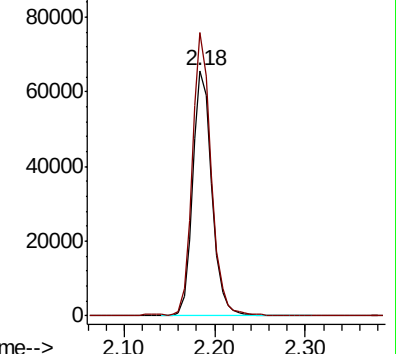
Diethyl Ether
Concen: 47.734 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

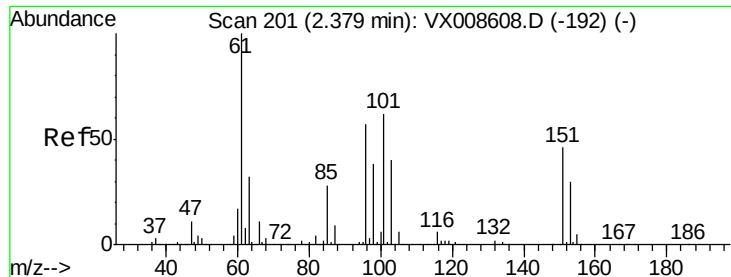
Tgt Ion: 74 Resp: 96683
Ion Ratio Lower Upper
74 100
45 113.1 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.363 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

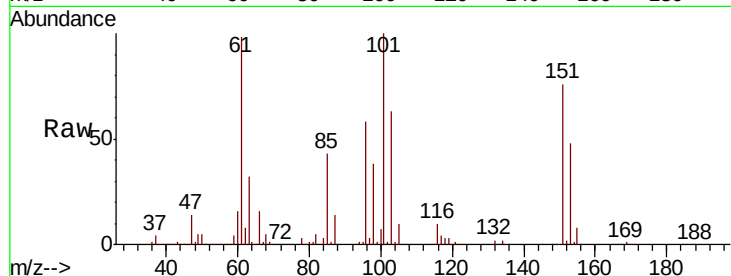
Tot Ion:101 Resp: 138493

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

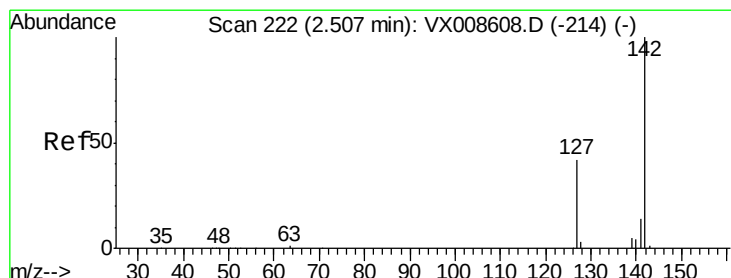
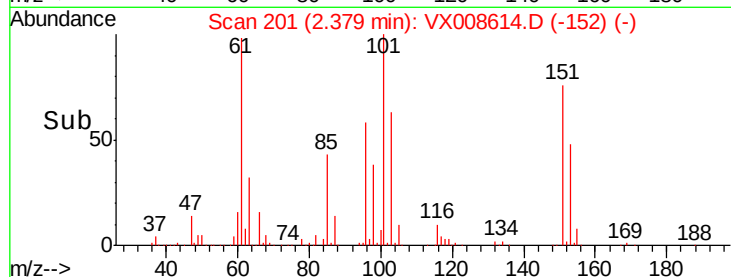
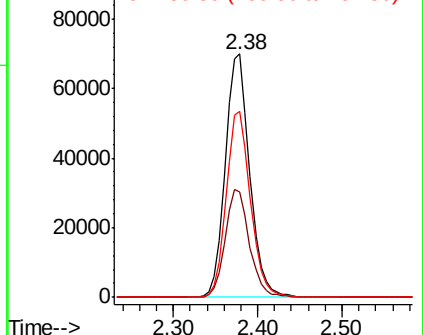
151 75.8 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.861 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

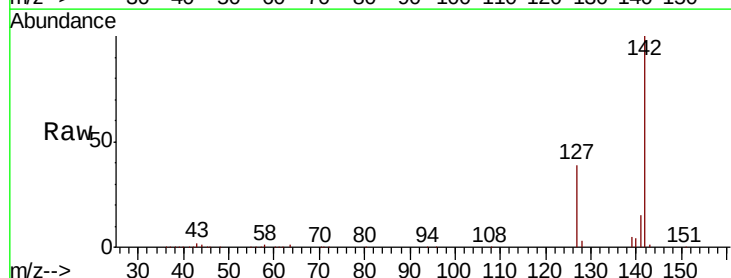
Tgt Ion:142 Resp: 119398

Ion Ratio Lower Upper

142 100

127 40.9 33.0 49.6

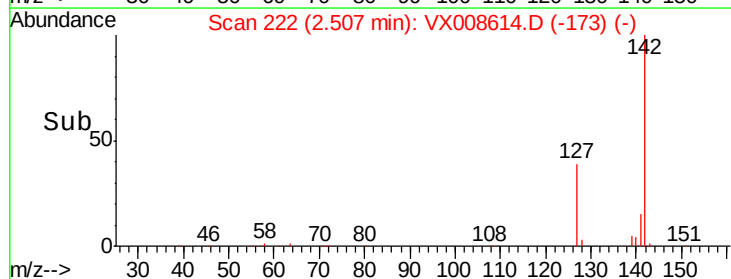
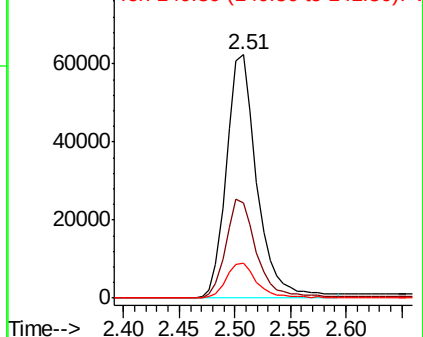
141 14.7 11.4 17.2

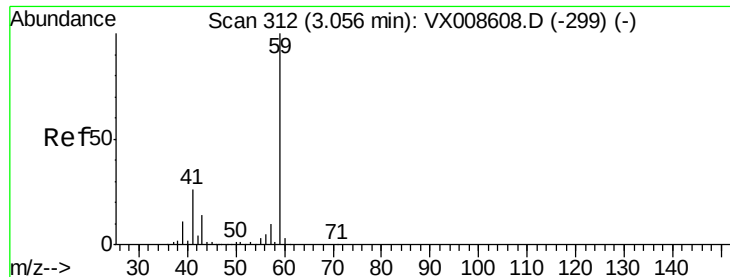


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

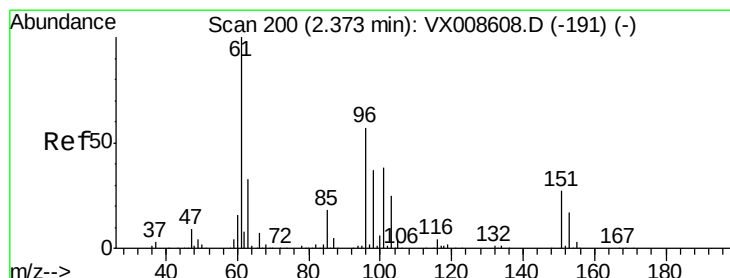
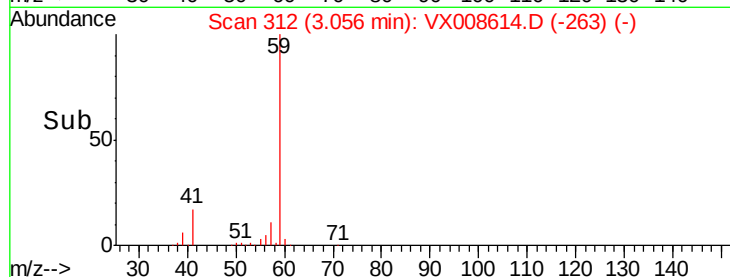
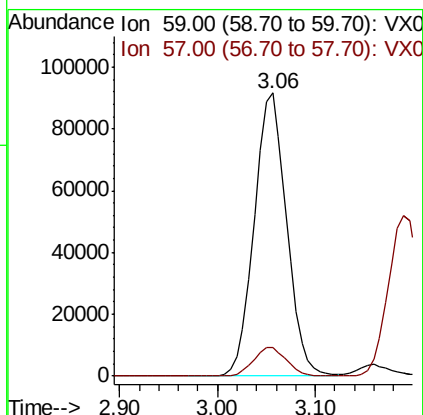
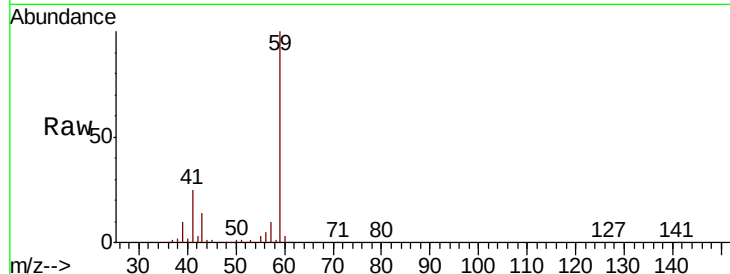




#11
Tert butyl alcohol
Concen: 248.458 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

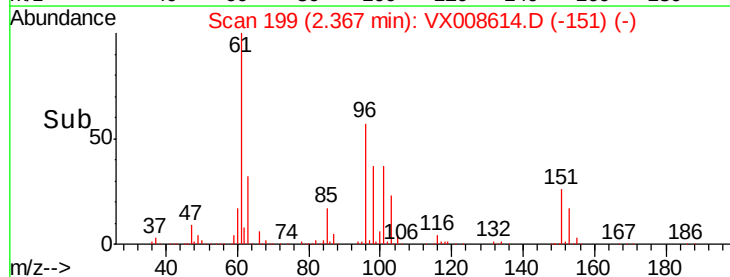
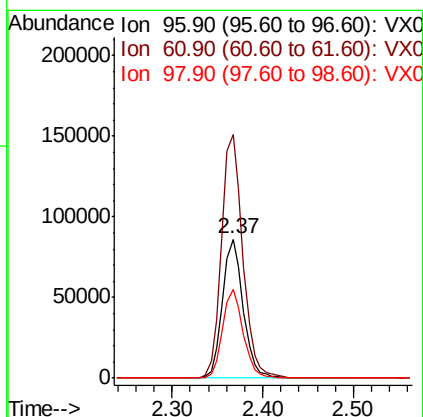
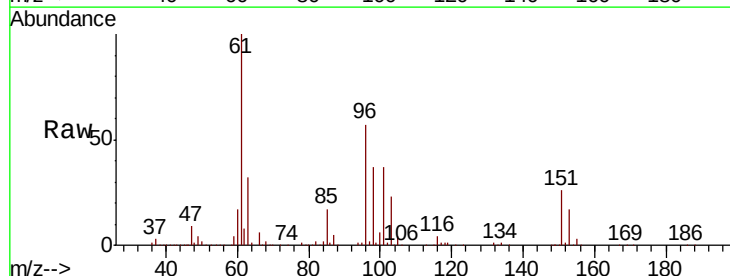
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

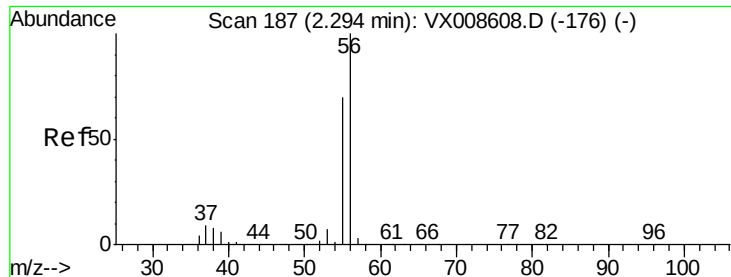
Tot Ion: 59 Resp: 210664
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.864 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 96 Resp: 137399
Ion Ratio Lower Upper
96 100
61 174.9 140.9 211.3
98 64.1 52.1 78.1

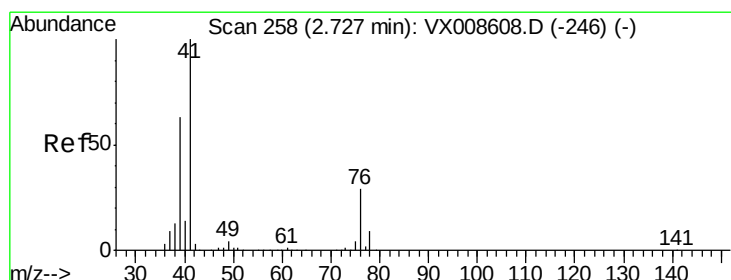
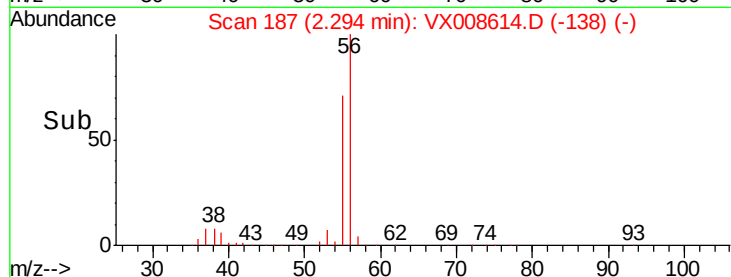
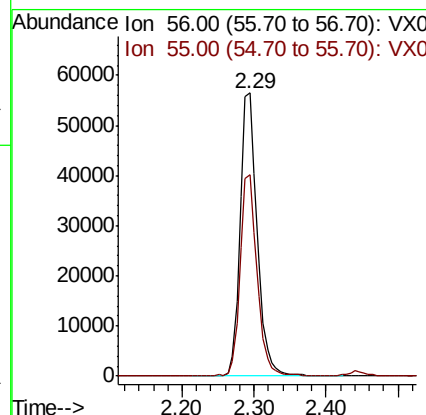
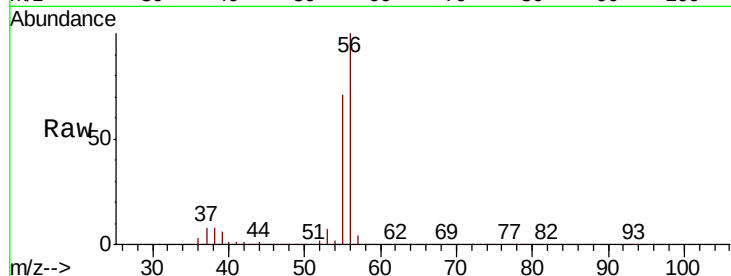




#13
Acrolein
Concen: 222.274 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

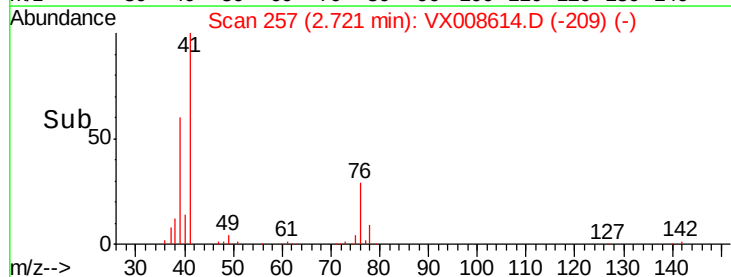
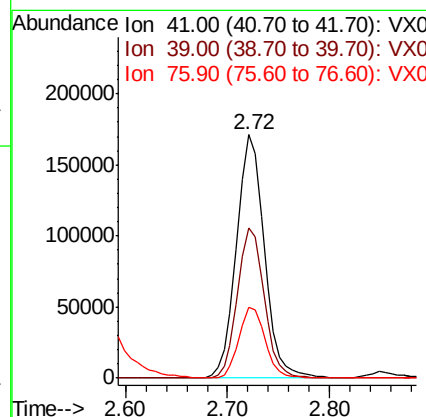
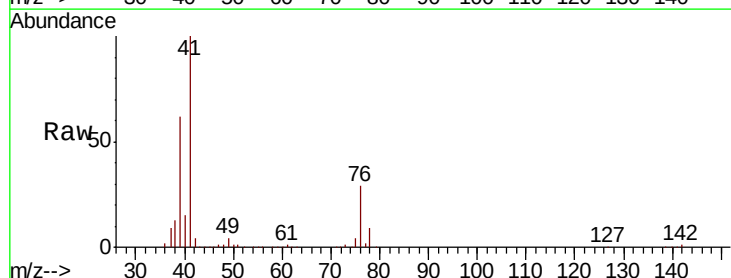
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

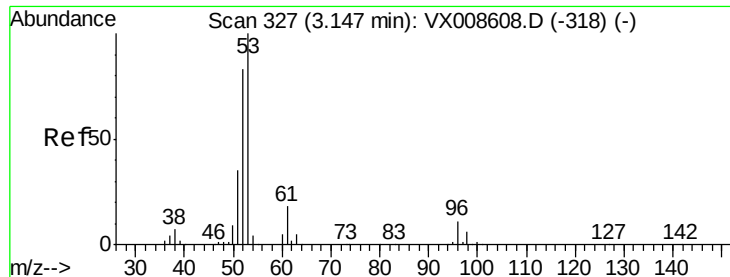
Tot Ion: 56 Resp: 93450
Ion Ratio Lower Upper
56 100
55 70.2 58.0 87.0



#14
Allyl chloride
Concen: 49.245 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 41 Resp: 323620
Ion Ratio Lower Upper
41 100
39 59.5 48.0 72.0
76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 239.043 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

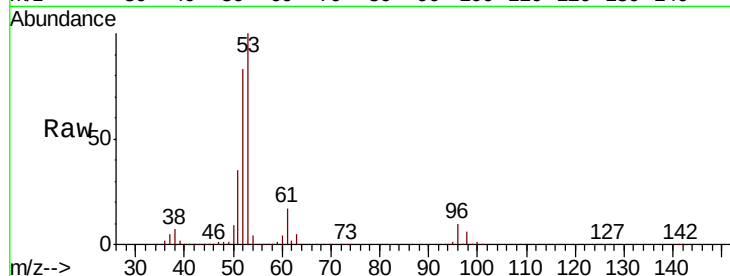
Tot Ion: 53 Resp: 536938

Ion Ratio Lower Upper

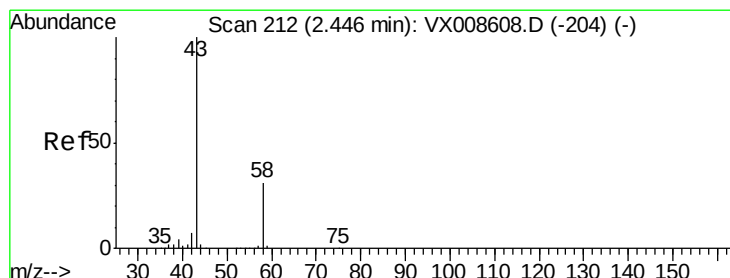
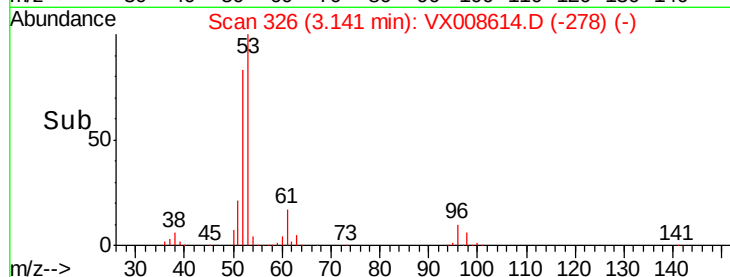
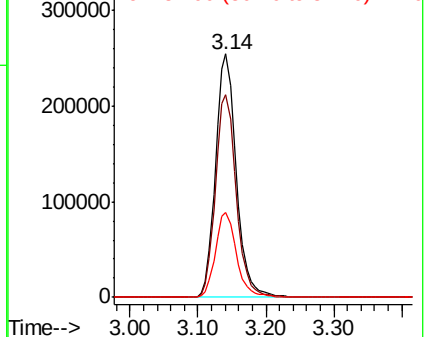
53 100

52 83.7 66.5 99.7

51 35.5 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 247.481 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008614.D

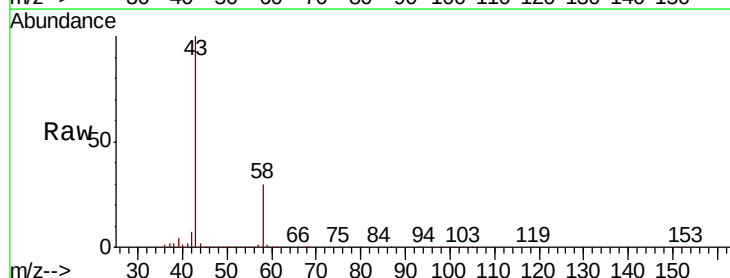
Acq: 03 Apr 2019 13:16

Tgt Ion: 43 Resp: 516243

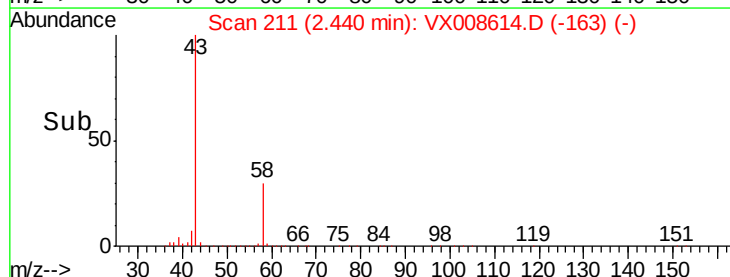
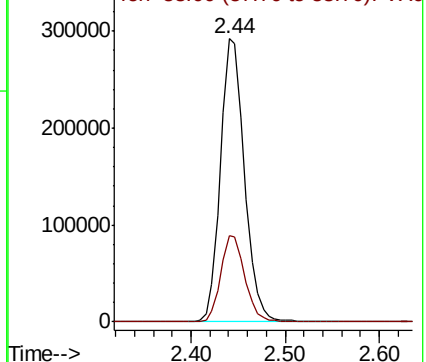
Ion Ratio Lower Upper

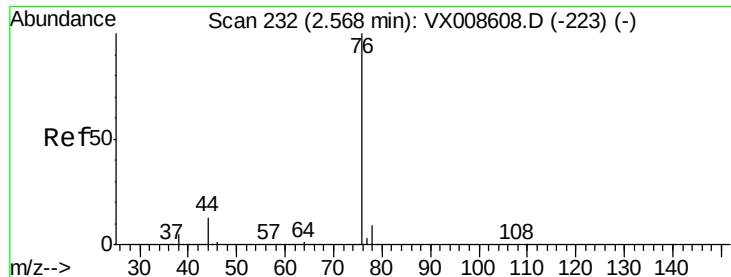
43 100

58 30.3 24.8 37.2



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





#17

Carbon Disulfide

Concen: 51.075 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

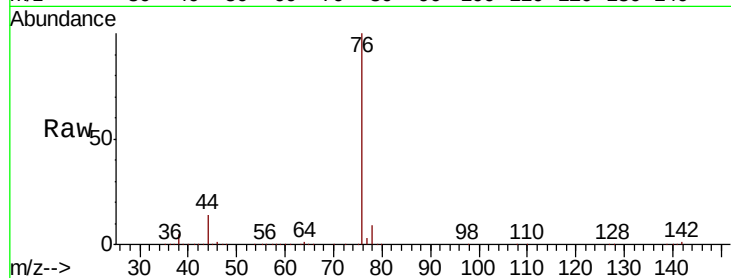
ICVVX040319

Tot Ion: 76 Resp: 423263

Ion Ratio Lower Upper

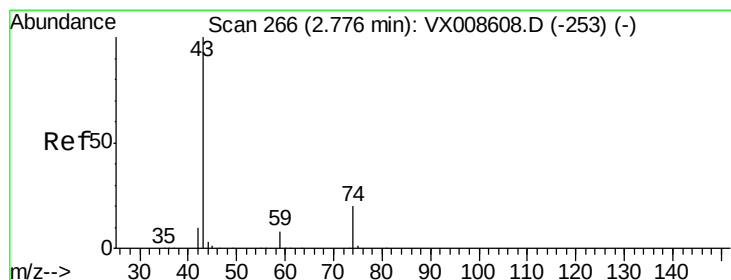
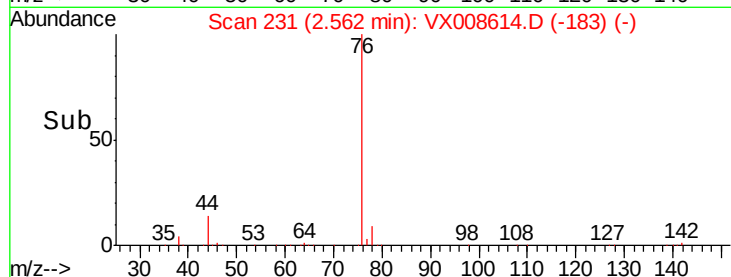
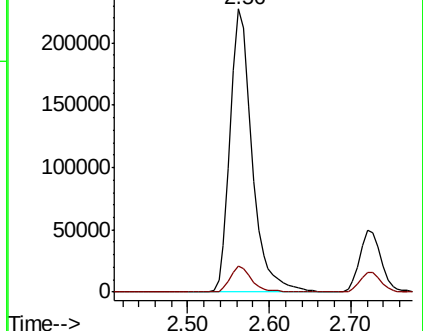
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.677 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008614.D

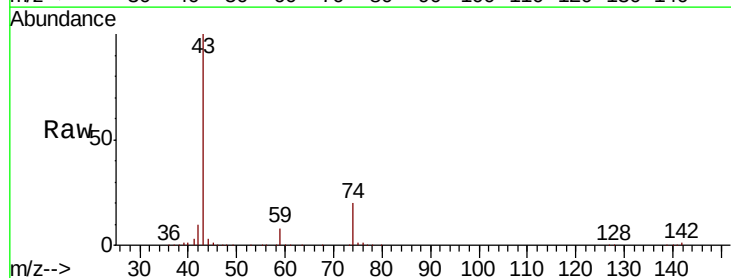
Acq: 03 Apr 2019 13:16

Tgt Ion: 43 Resp: 231087

Ion Ratio Lower Upper

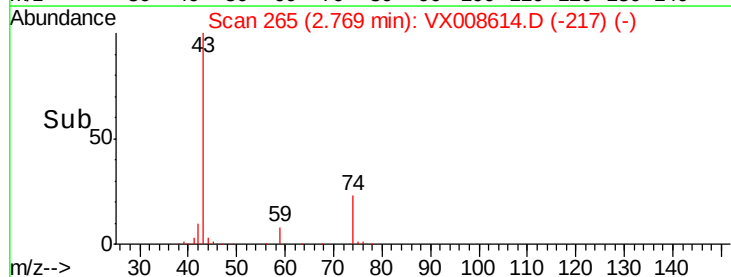
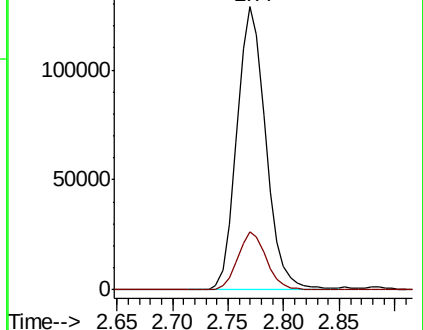
43 100

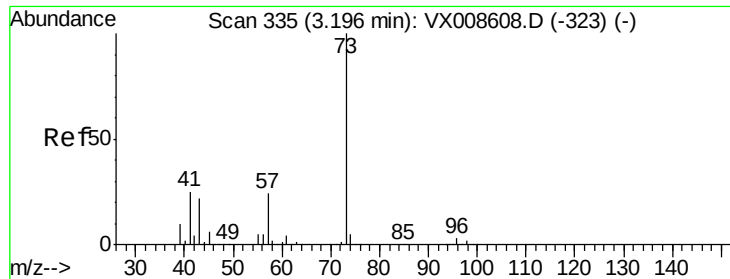
74 20.8 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



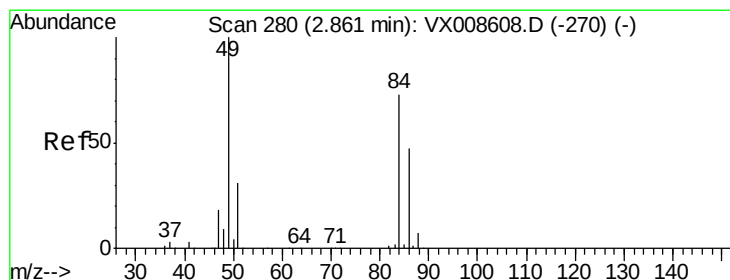
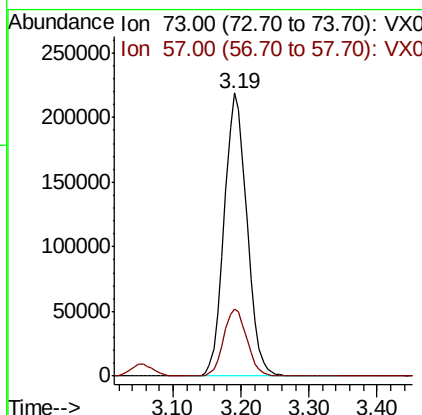
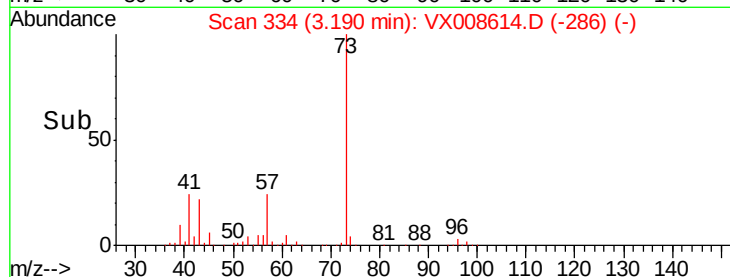
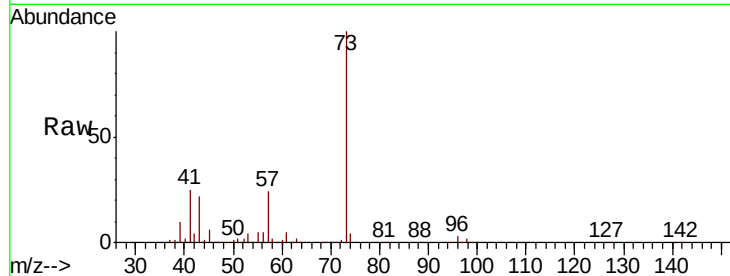


#19

Methvl tert-butyl Ether
 Concen: 49.446 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

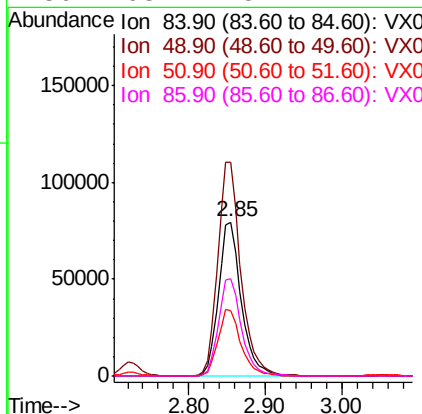
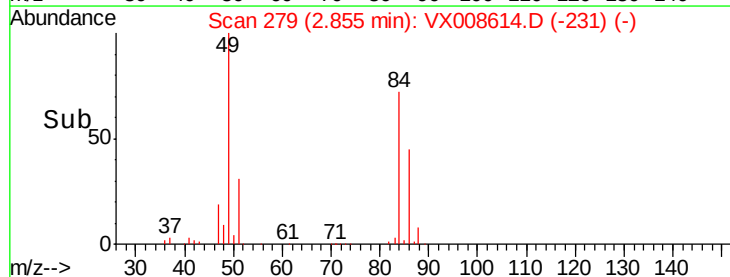
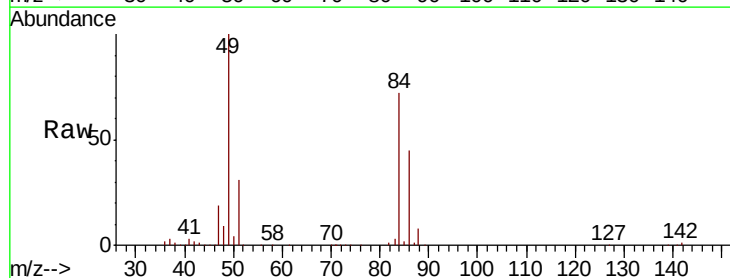
Tot Ion: 73 Resp: 506910
 Ion Ratio Lower Upper
 73 100
 57 23.7 19.5 29.3

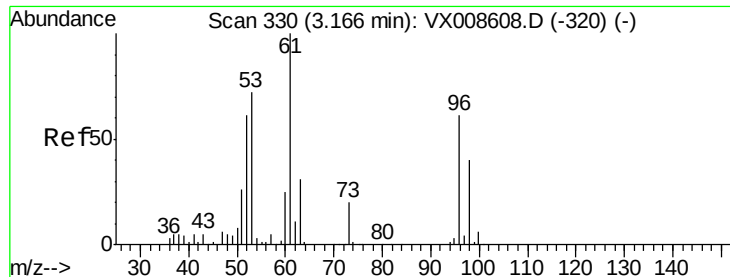


#20

Methylene Chloride
 Concen: 46.716 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion: 84 Resp: 163120
 Ion Ratio Lower Upper
 84 100
 49 138.5 109.7 164.5
 51 42.7 33.6 50.4
 86 63.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.034 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

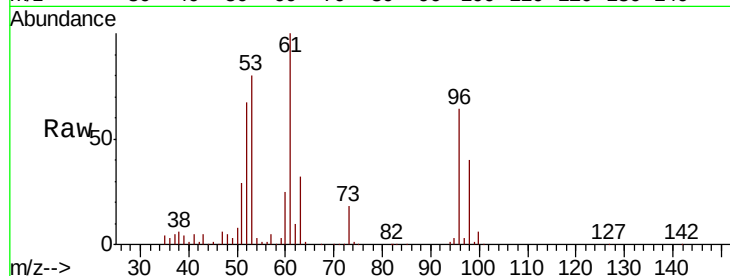
Tot Ion: 96 Resp: 149148

Ion Ratio Lower Upper

96 100

61 156.8 132.1 198.1

98 62.8 52.2 78.2

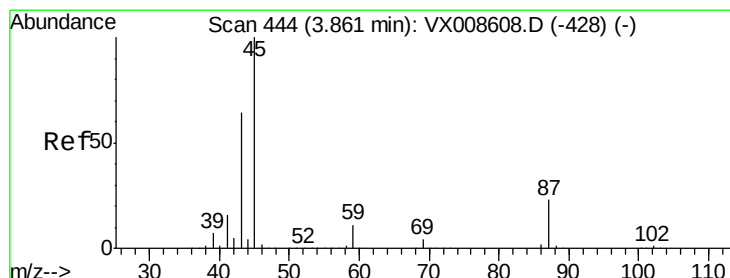
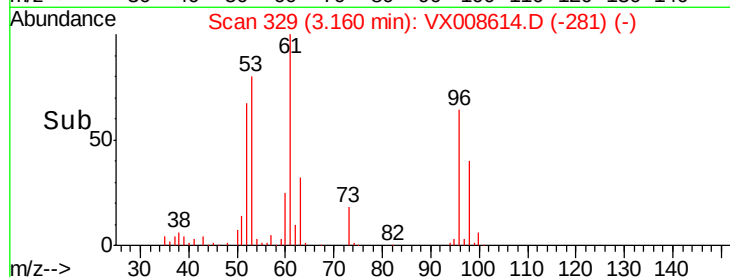
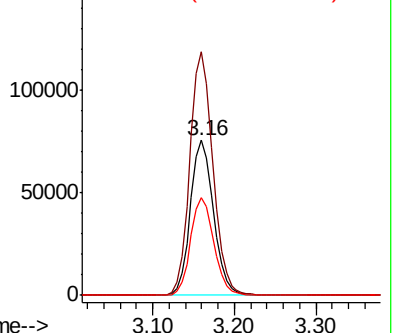


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.661 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion: 45 Resp: 603683

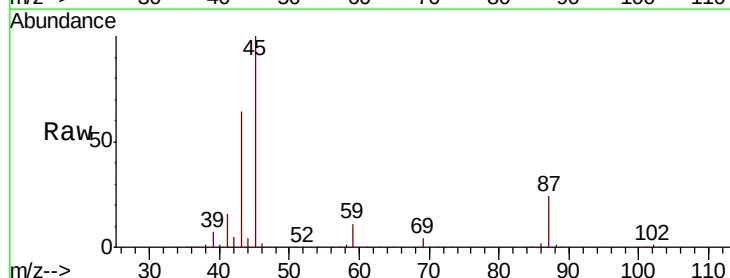
Ion Ratio Lower Upper

45 100

43 64.0 51.3 76.9

87 23.7 18.1 27.1

59 10.7 8.6 13.0



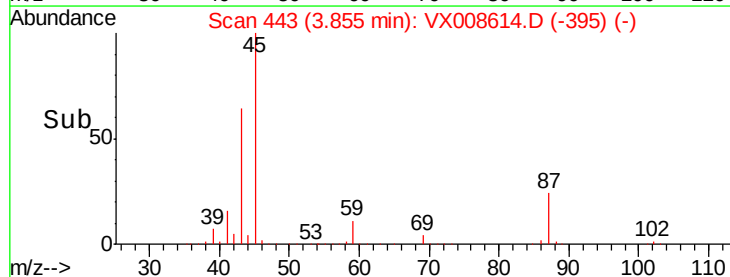
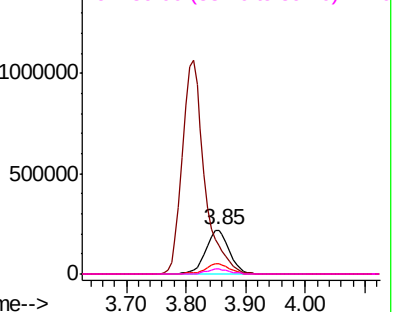
Abundance

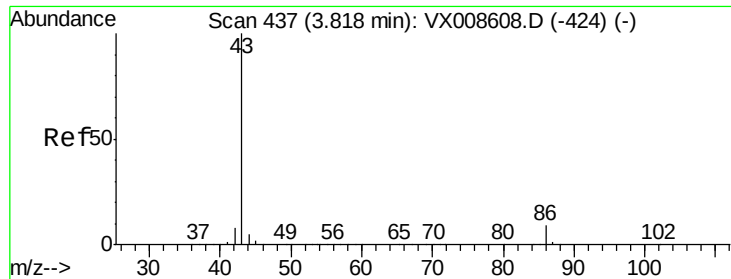
Ion 45.00 (44.70 to 45.70): VX0

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: 249.593 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

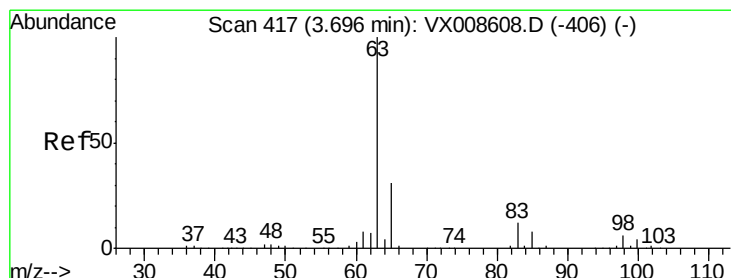
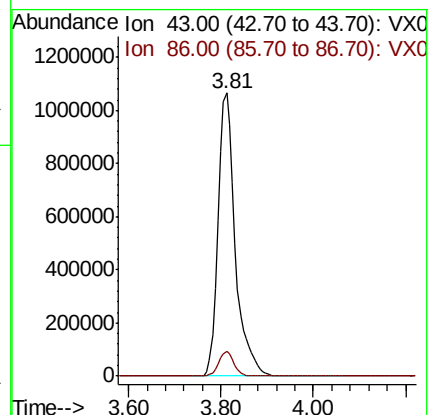
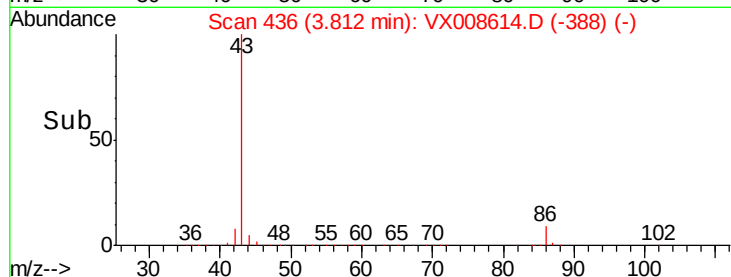
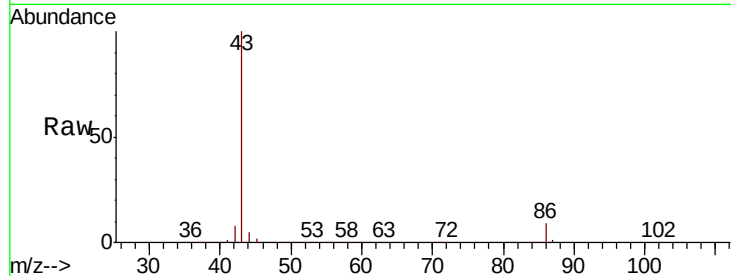
ICVVX040319

Tot Ion: 43 Resp: 2750209

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



#24

1,1-Dichloroethane

Concen: 48.590 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

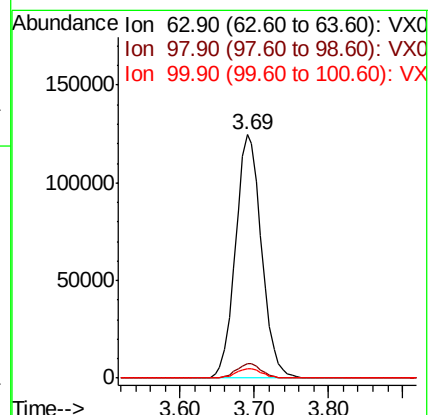
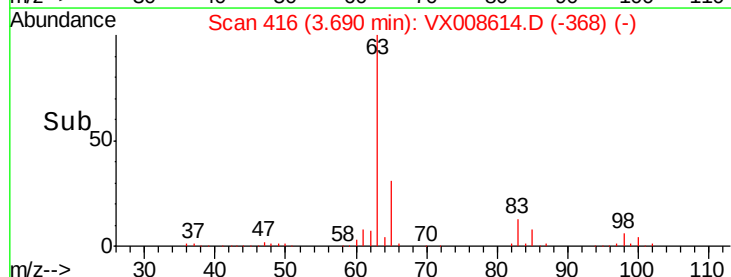
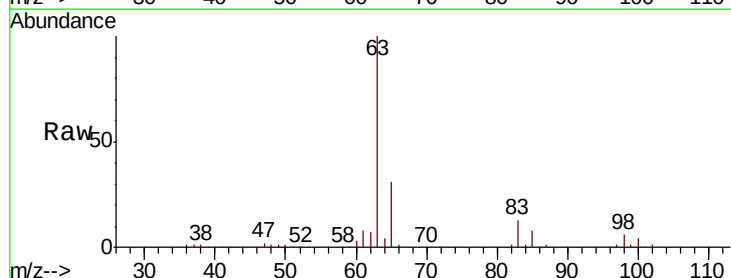
Tgt Ion: 63 Resp: 304716

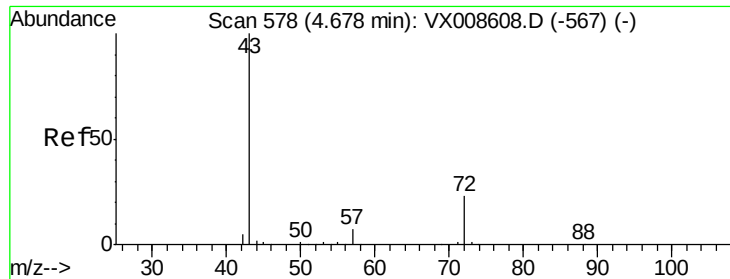
Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.0 1.8 5.5





#25

2-Butanone

Concen: 247.283 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

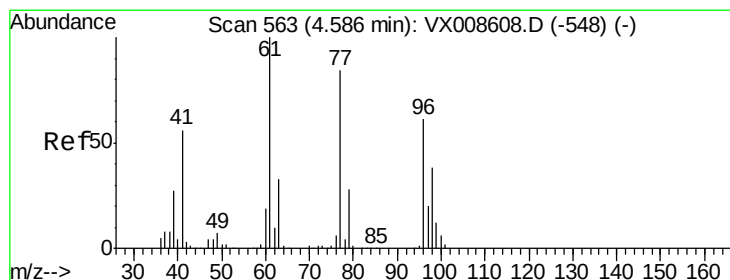
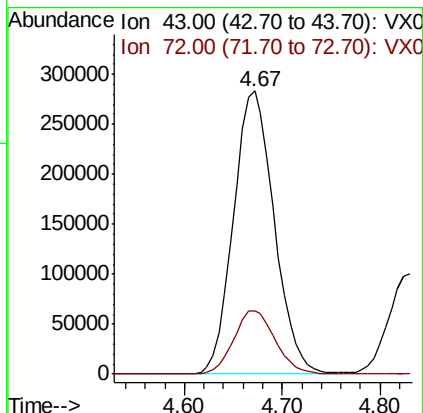
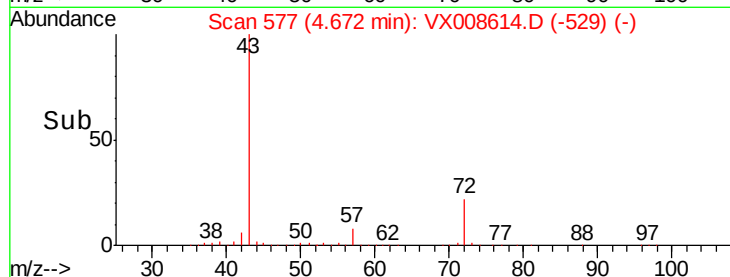
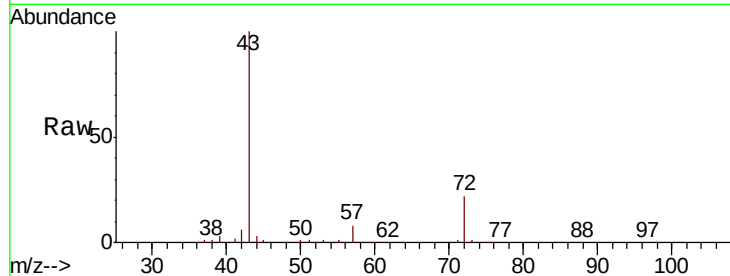
ICVVX040319

Tot Ion: 43 Resp: 815286

Ion Ratio Lower Upper

43 100

72 22.4 18.2 27.4



#26

2,2-Dichloropropane

Concen: 50.980 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008614.D

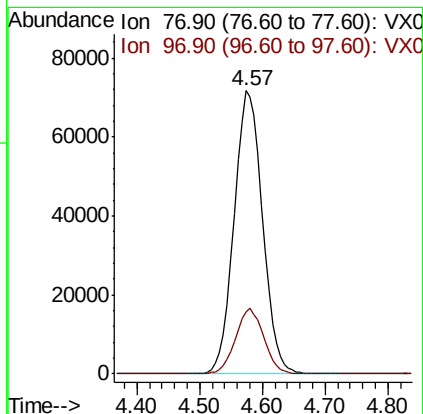
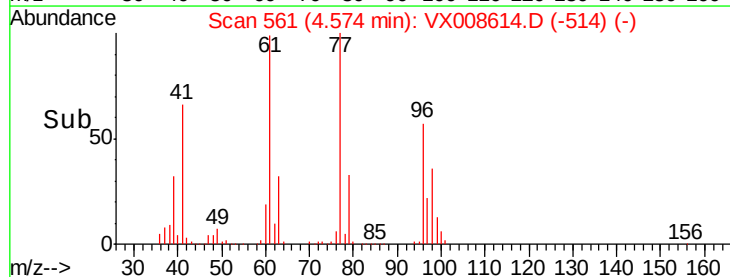
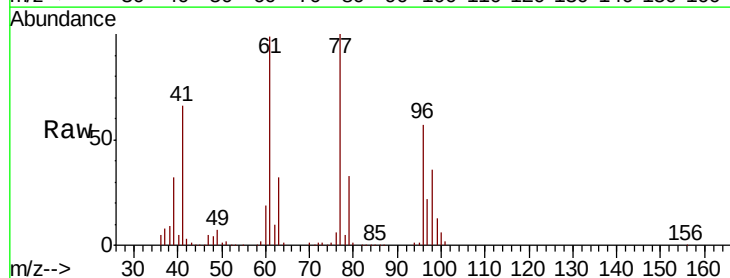
Acq: 03 Apr 2019 13:16

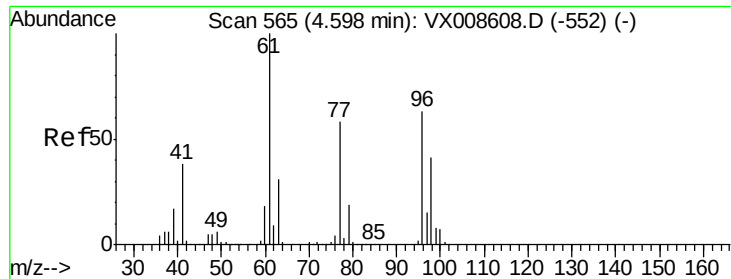
Tgt Ion: 77 Resp: 225174

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5



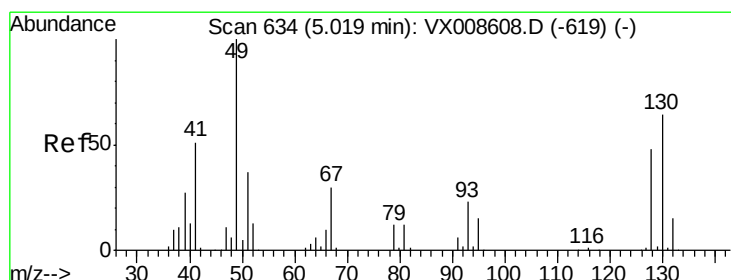
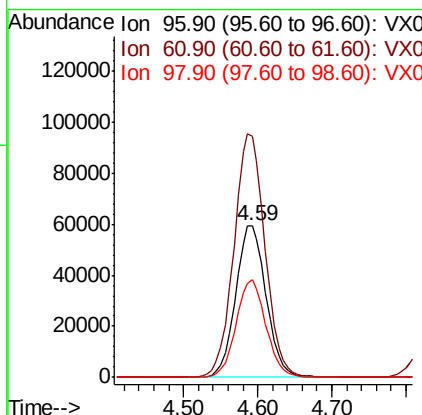
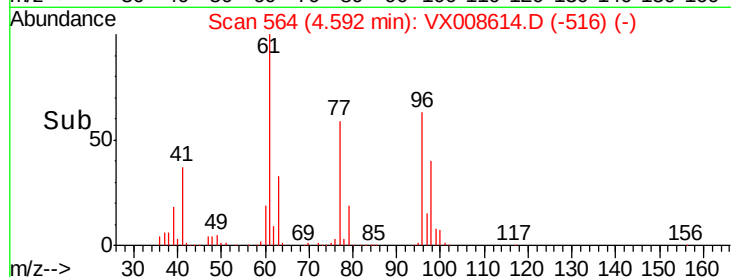
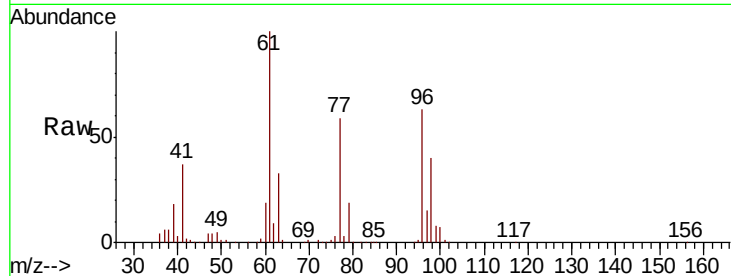


#27

cis-1,2-Dichloroethene
Concen: 47.710 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

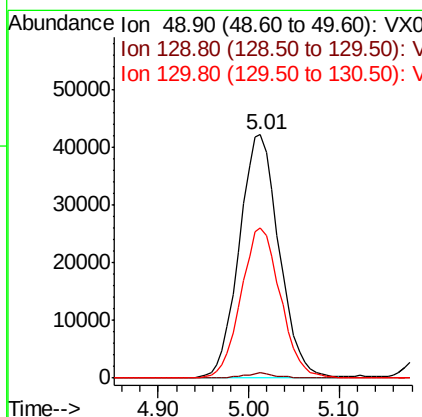
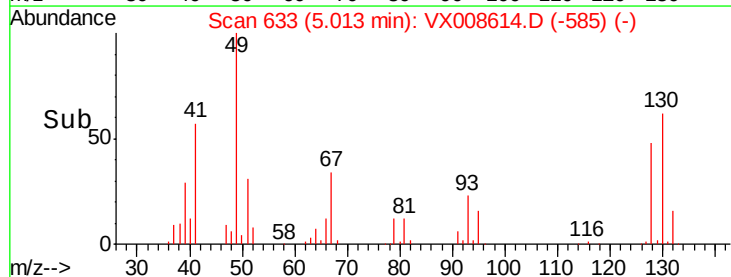
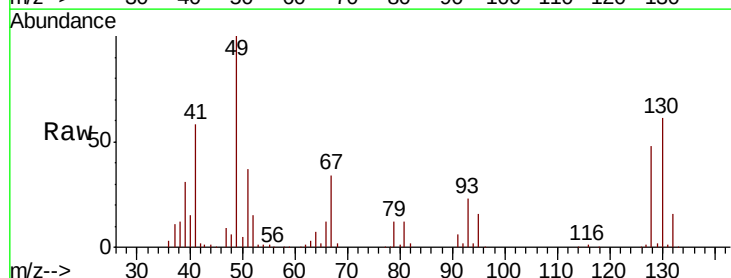
Tot Ion: 96 Resp: 170324
Ion Ratio Lower Upper
96 100
61 163.8 0.0 327.6
98 63.2 0.0 128.6

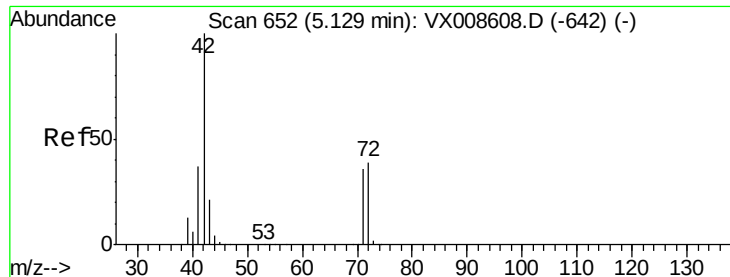


#28

Bromochloromethane
Concen: 48.931 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 49 Resp: 128350
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 61.1 49.3 73.9





#29

Tetrahydrofuran

Concen: 234.488 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

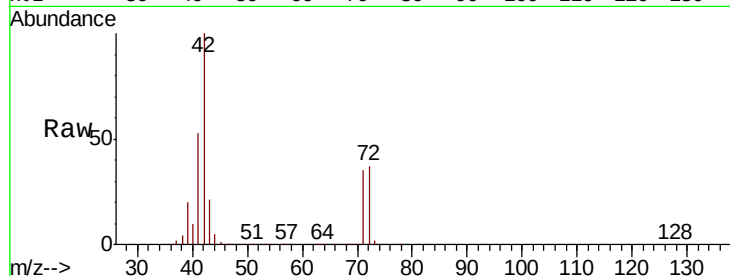
Tot Ion: 42 Resp: 513124

Ion Ratio Lower Upper

42 100

72 38.1 30.5 45.7

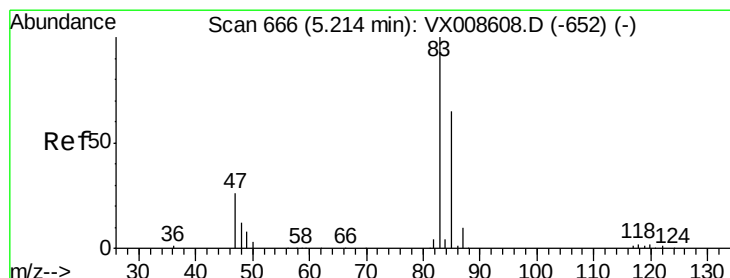
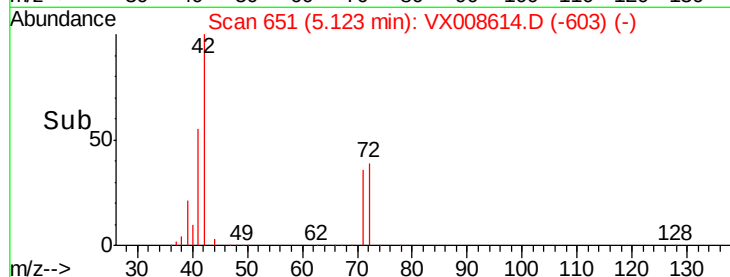
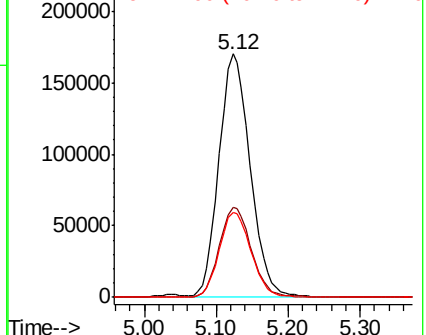
71 35.6 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.432 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008614.D

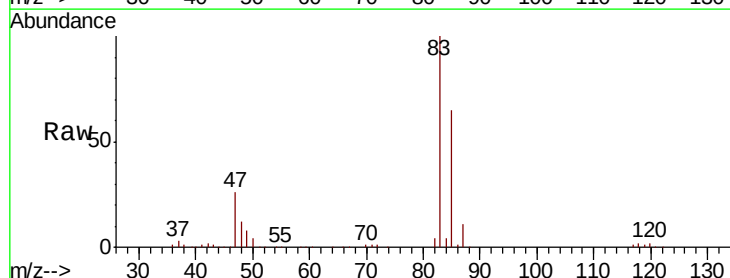
Acq: 03 Apr 2019 13:16

Tgt Ion: 83 Resp: 271277

Ion Ratio Lower Upper

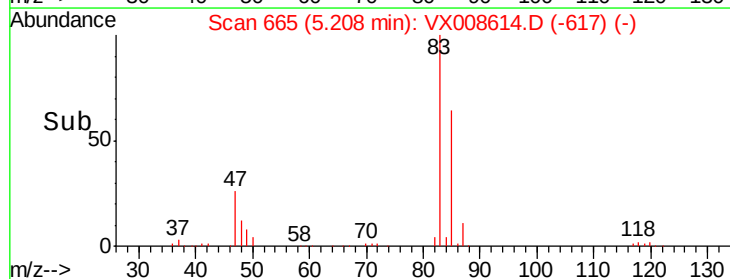
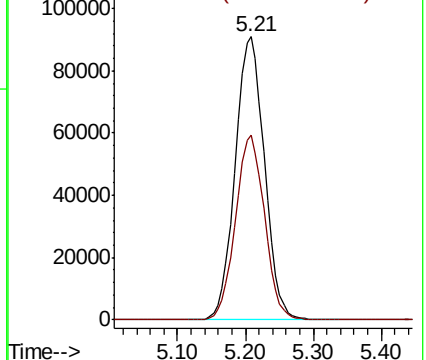
83 100

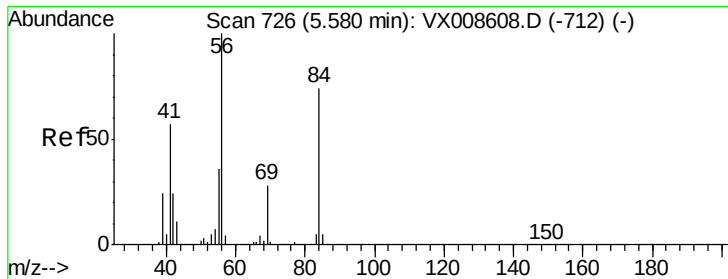
85 65.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

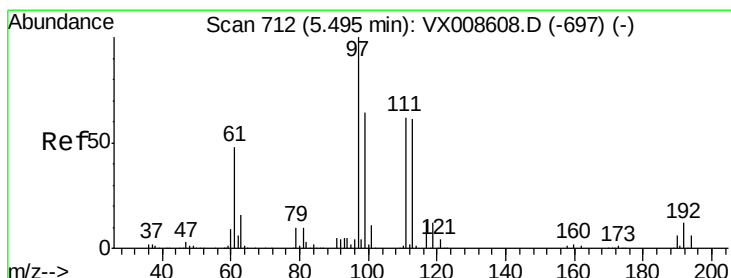
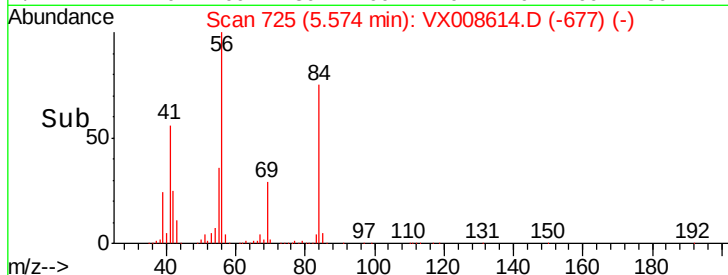
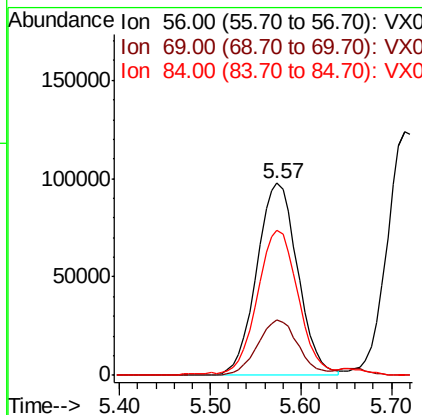
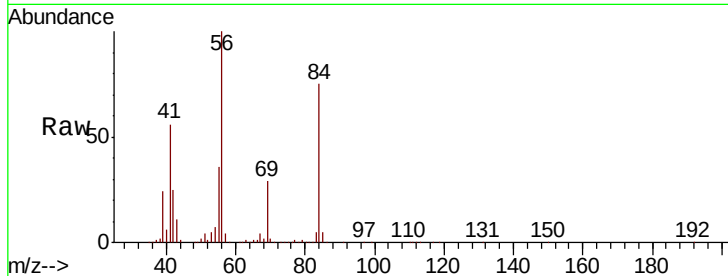




#31
Cyclohexane
Concen: 48.668 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

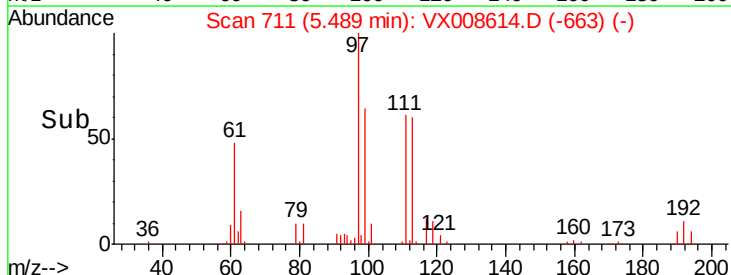
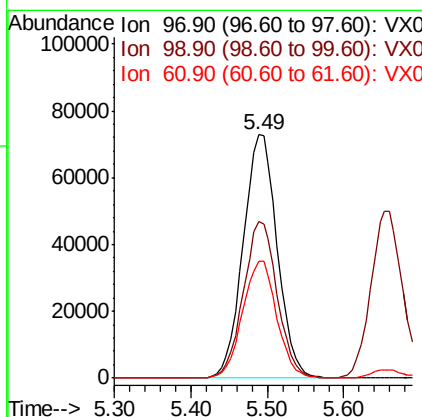
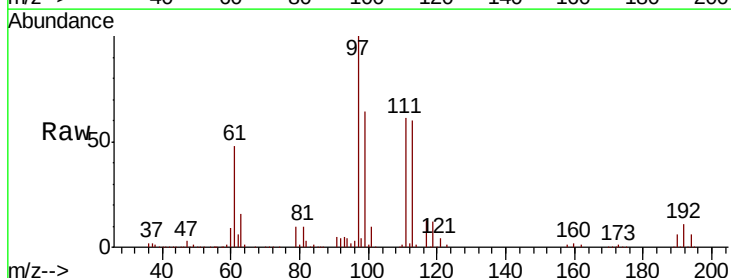
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

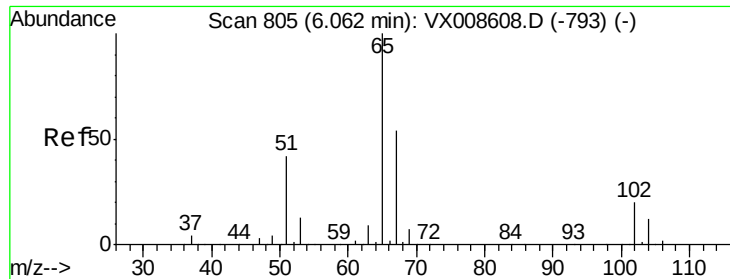
Tot Ion: 56 Resp: 304541
Ion Ratio Lower Upper
56 100
69 28.9 22.6 33.8
84 74.5 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 49.754 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 97 Resp: 225204
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 48.4 38.9 58.3

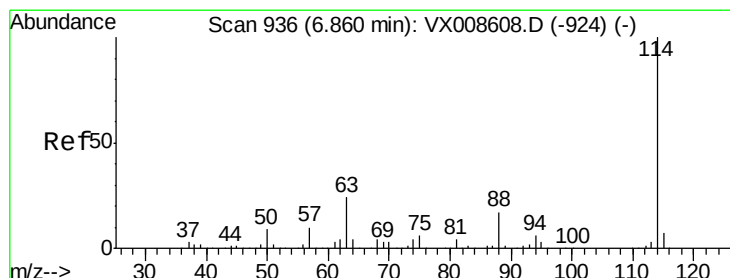
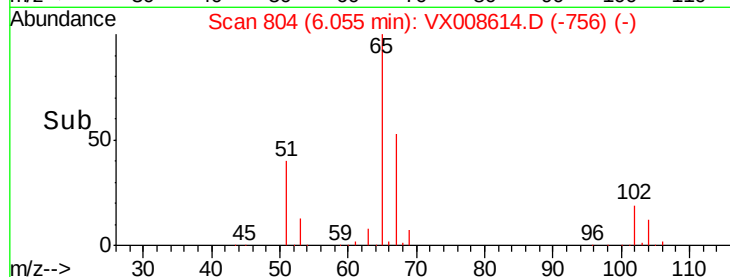
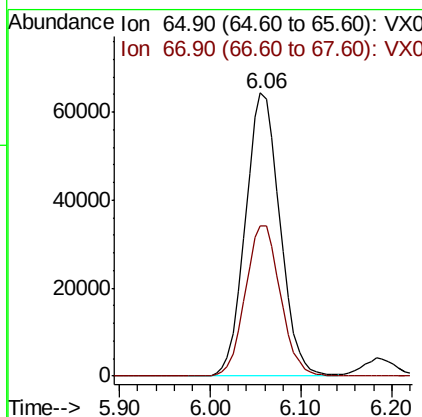
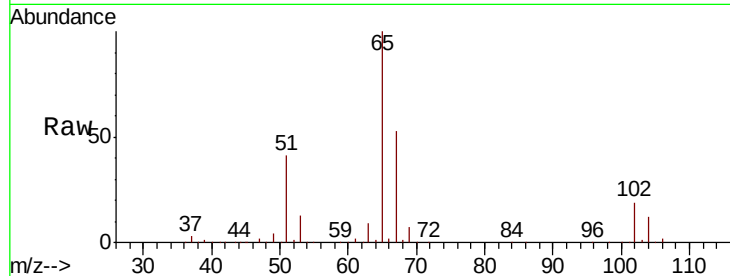




#33
 1,2-Dichloroethane-d4
 Concen: 46.920 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

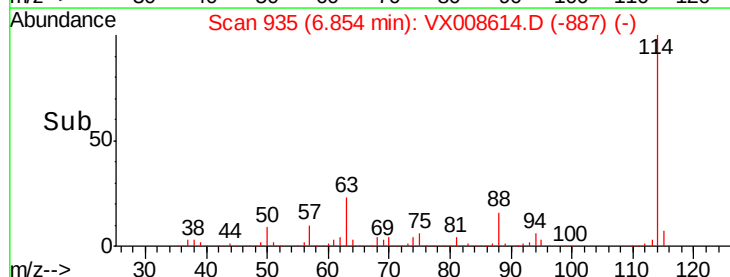
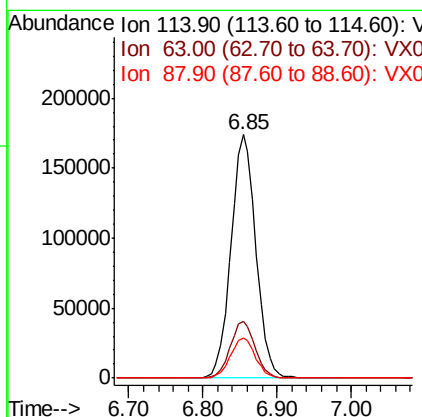
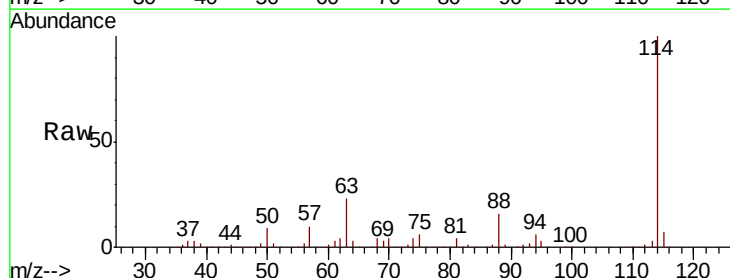
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

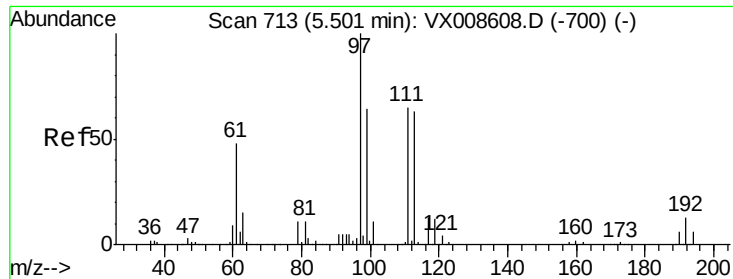
Tot Ion: 65 Resp: 169930
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion: 114 Resp: 406460
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 16.2 0.0 34.0

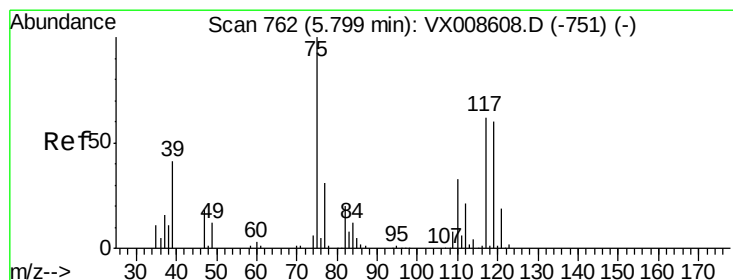
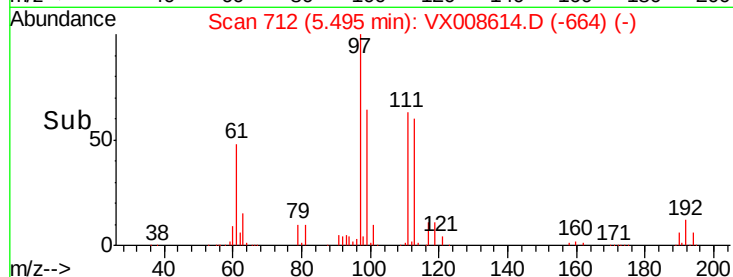
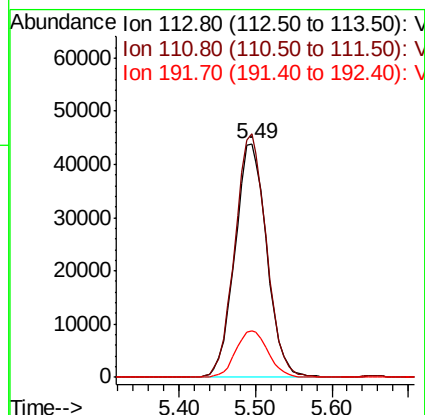
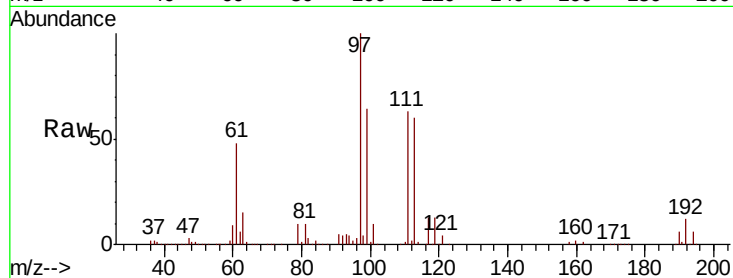




#35
 Dibromofluoromethane
 Concen: 48.600 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

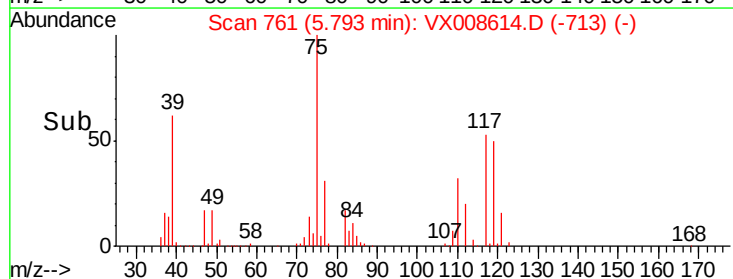
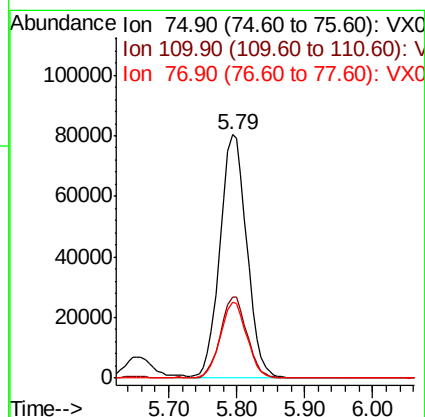
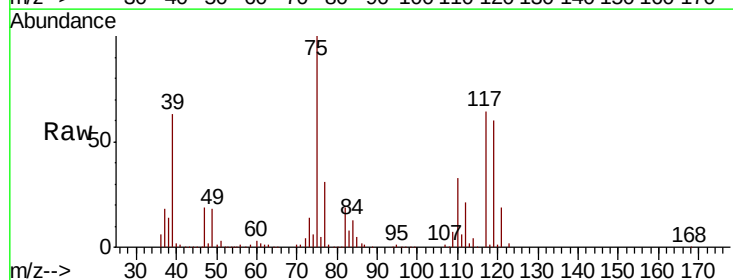
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

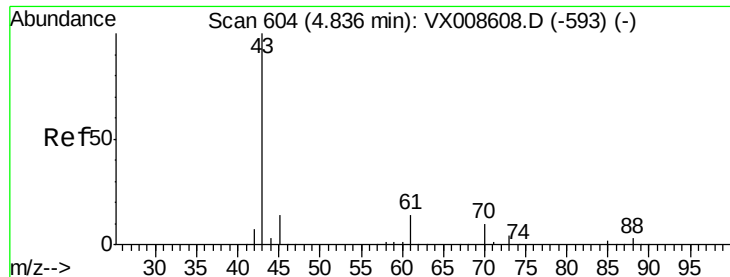
Tot Ion:113 Resp: 126300
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.2
 192 20.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 49.383 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion: 75 Resp: 219409
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.4 49.2
 77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 49.966 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVX040319

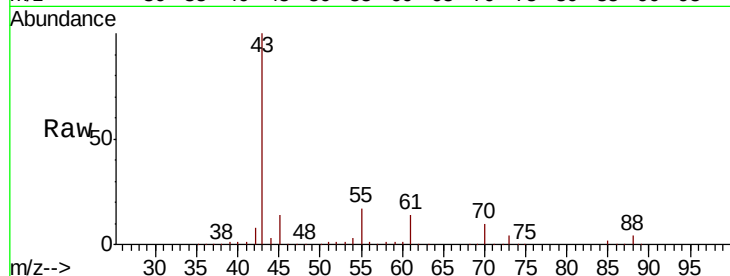
Tot Ion: 43 Resp: 296321

Ion Ratio Lower Upper

43 100

61 13.1 10.3 15.5

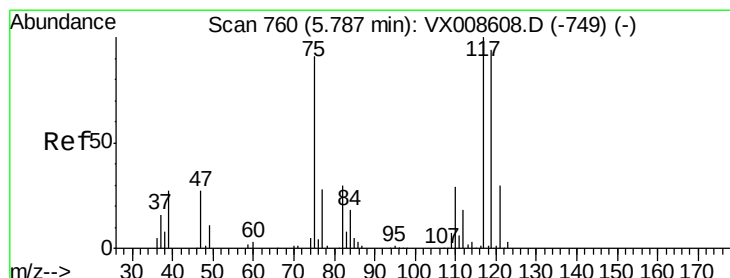
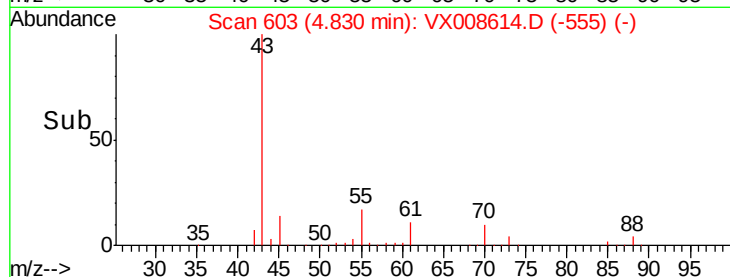
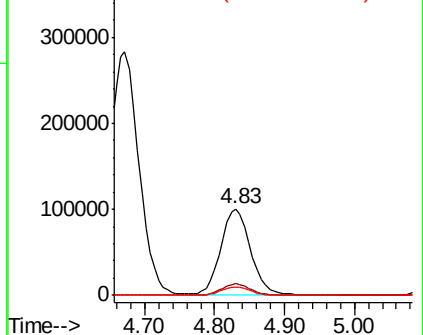
70 9.6 7.6 11.4



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: 51.502 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

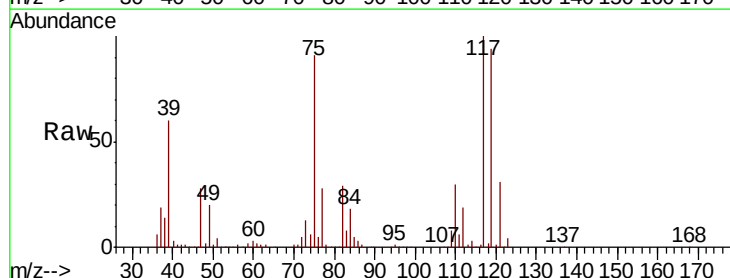
Tgt Ion: 117 Resp: 189388

Ion Ratio Lower Upper

117 100

119 94.3 75.0 112.6

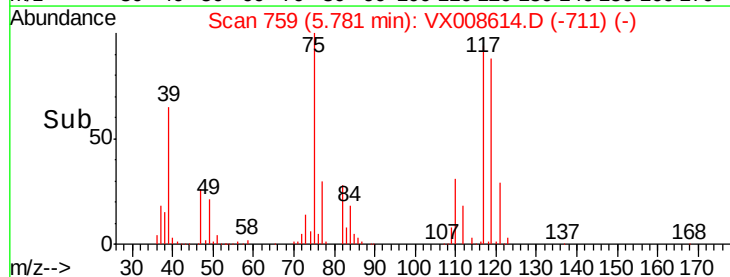
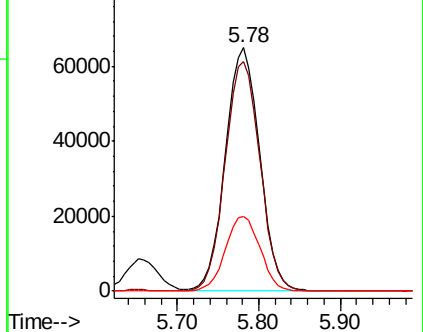
121 30.6 24.3 36.5

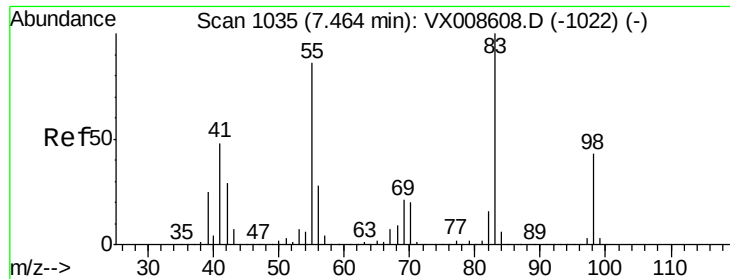


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

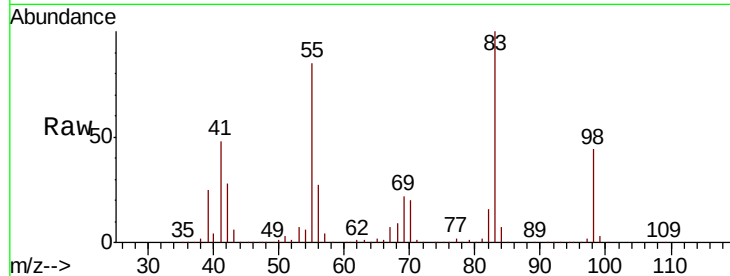




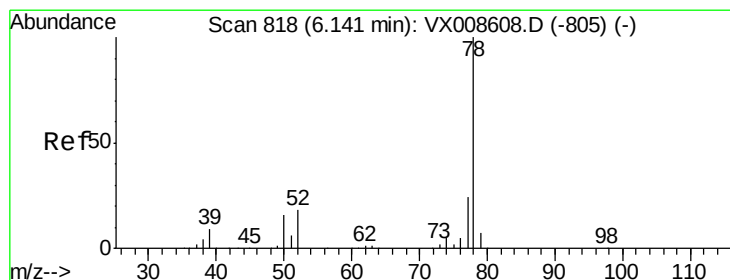
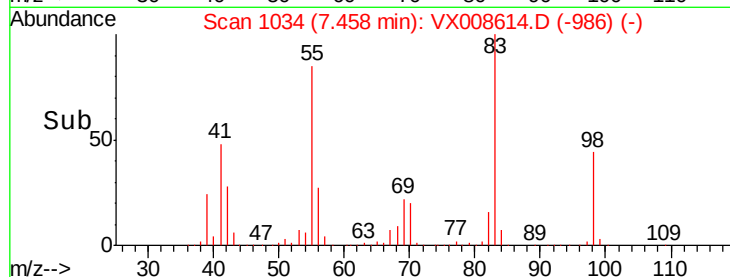
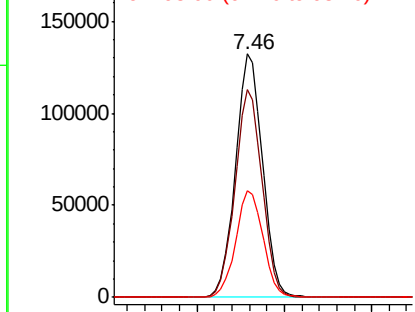
#39
Methylvlcyclohexane
Concen: 51.872 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion: 83 Resp: 284703
Ion Ratio Lower Upper
83 100
55 85.3 69.0 103.6
98 43.7 34.4 51.6

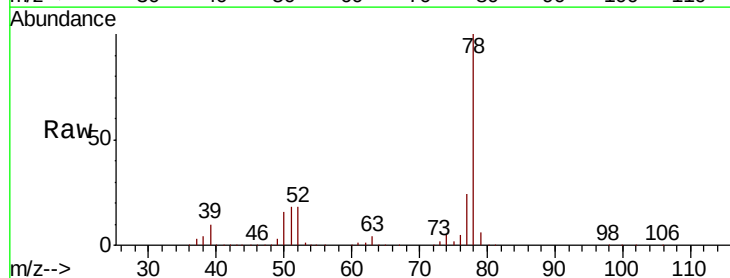


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

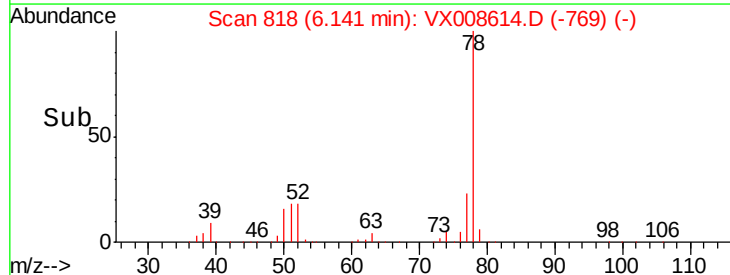
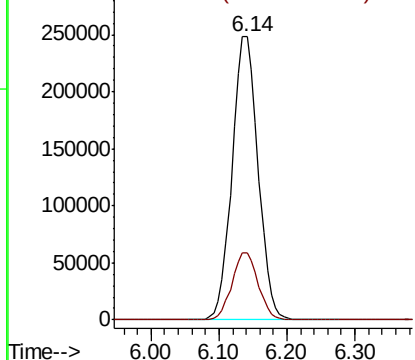


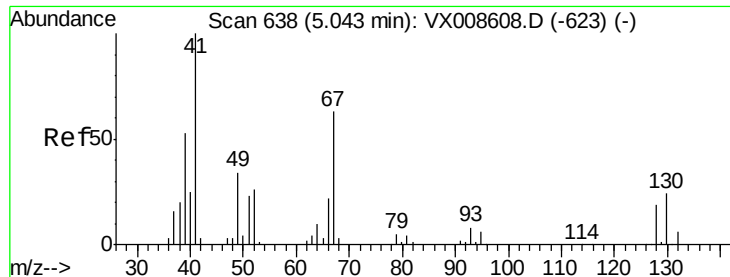
#40
Benzene
Concen: 49.735 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 78 Resp: 658312
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



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





#41

Methacrylonitrile

Concen: 49.158 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

ICVVX040319

Tot Ion: 41 Resp: 167574

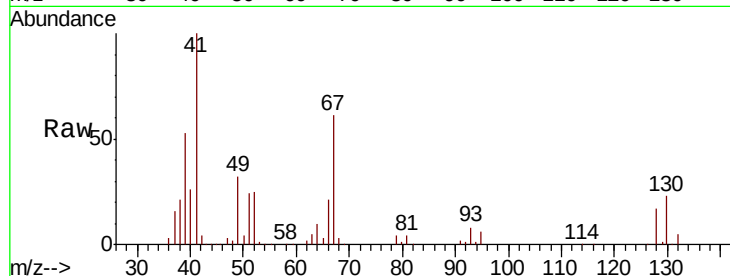
Ion Ratio Lower Upper

41 100

39 53.1 42.1 63.1

67 63.8 51.0 76.6

52 26.1 21.4 32.0

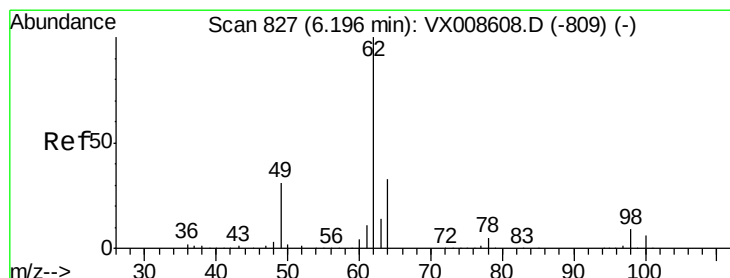
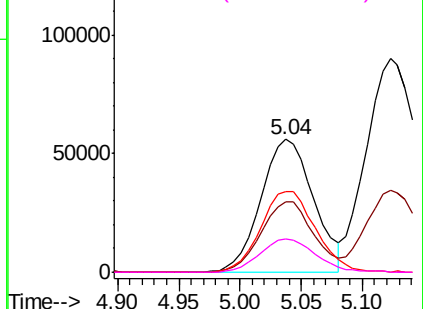
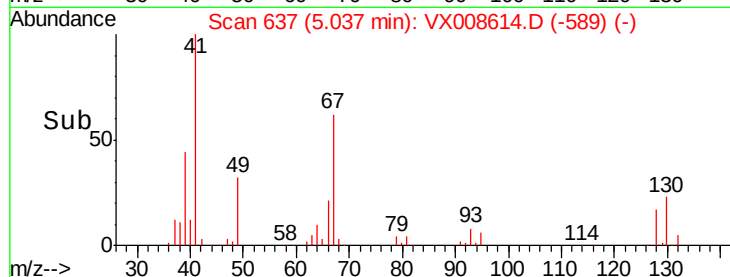


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.373 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008614.D

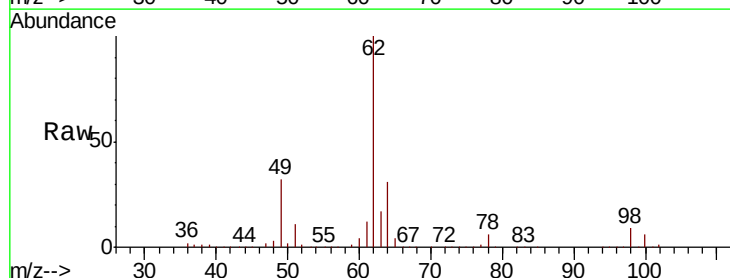
Acq: 03 Apr 2019 13:16

Tgt Ion: 62 Resp: 229538

Ion Ratio Lower Upper

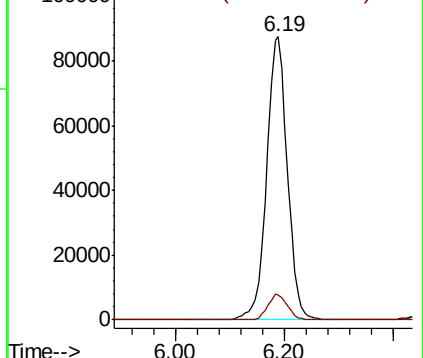
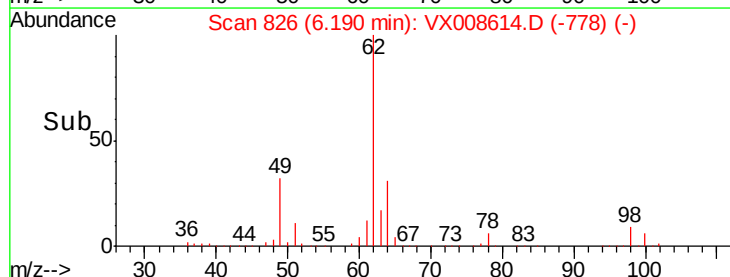
62 100

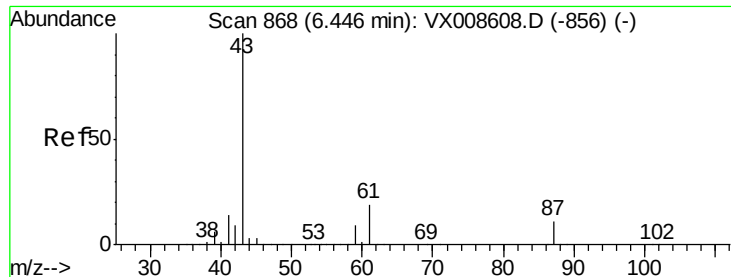
98 8.8 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.882 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

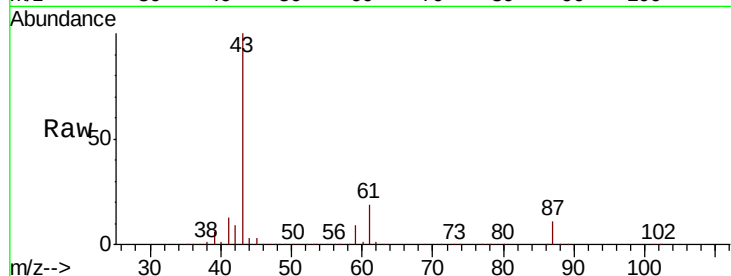
Tot Ion: 43 Resp: 472698

Ion Ratio Lower Upper

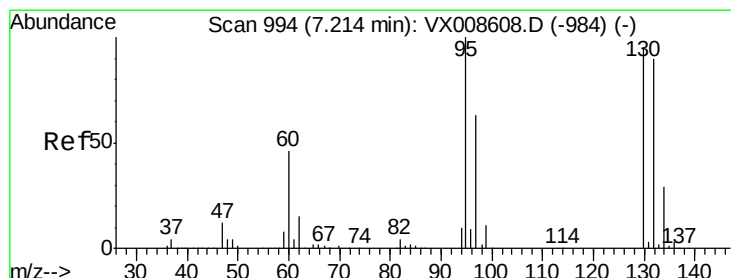
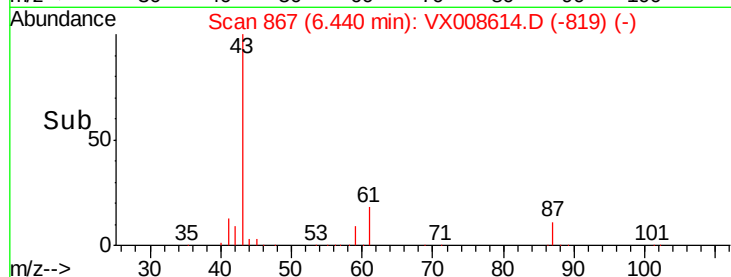
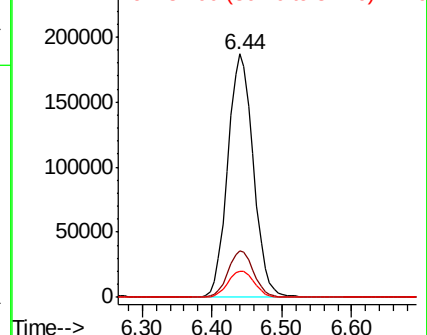
43 100

61 19.2 15.3 22.9

87 11.3 9.0 13.6



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



#44

Trichloroethene

Concen: 50.328 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008614.D

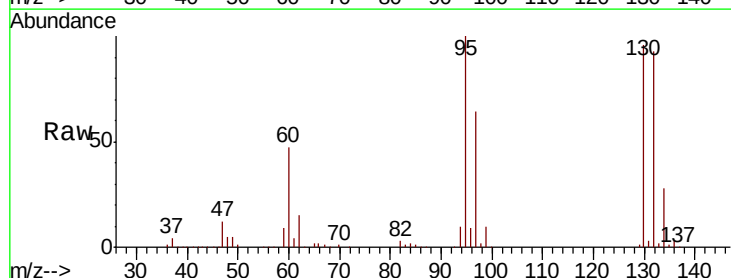
Acq: 03 Apr 2019 13:16

Tgt Ion:130 Resp: 155152

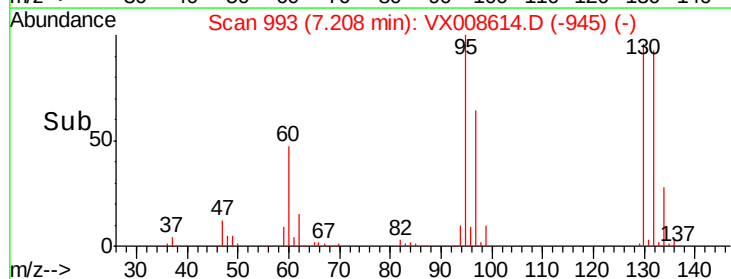
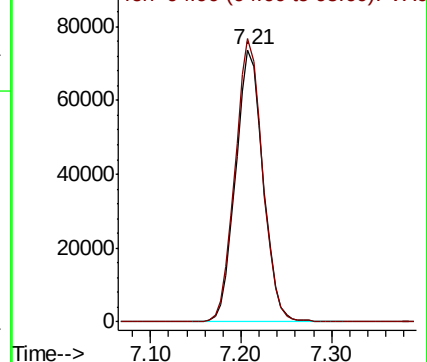
Ion Ratio Lower Upper

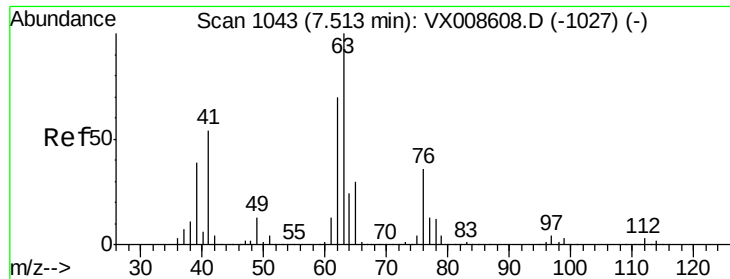
130 100

95 103.9 0.0 209.8



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

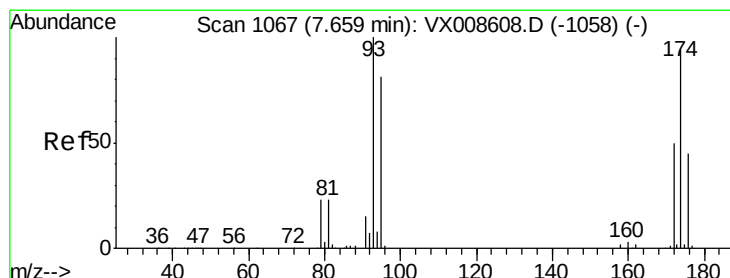
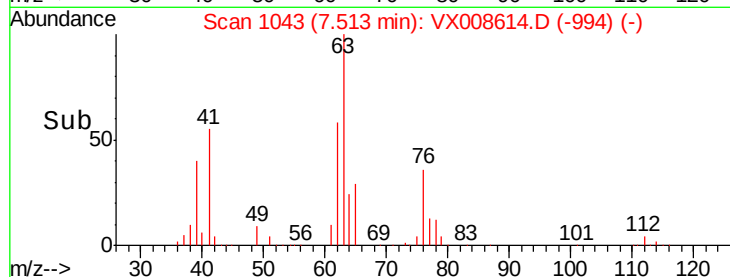
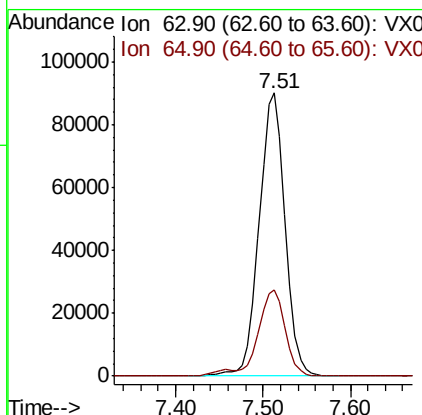
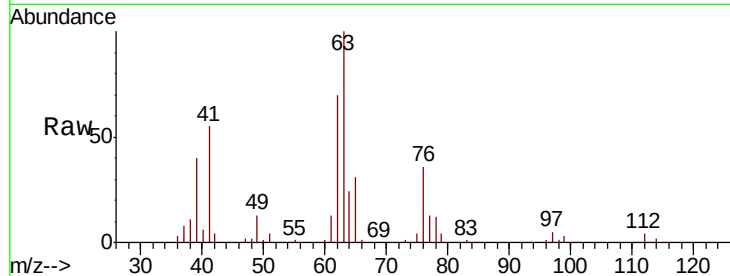




#45
 1,2-Dichloropropane
 Concen: 49.240 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

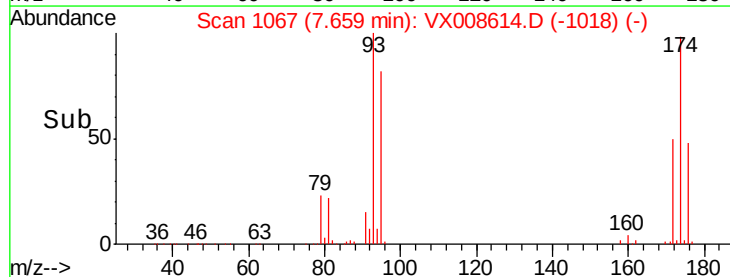
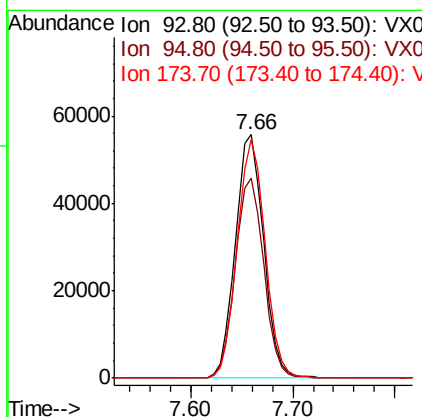
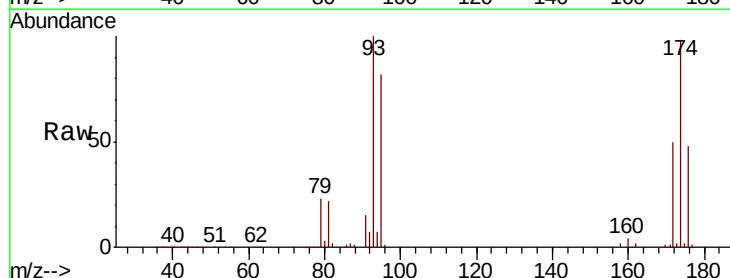
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

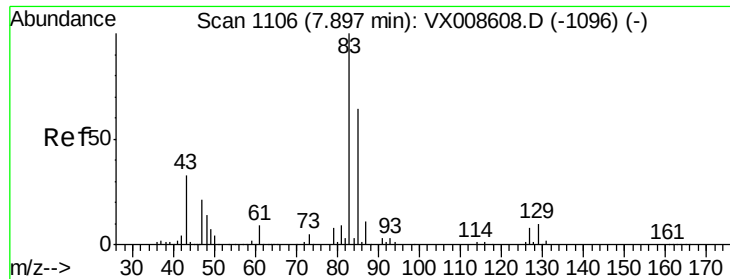
Tot Ion: 63 Resp: 186028
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.4



#46
 Dibromomethane
 Concen: 48.766 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion: 93 Resp: 106853
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 97.4 77.7 116.5





#47

Bromodichloromethane

Concen: 52.087 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

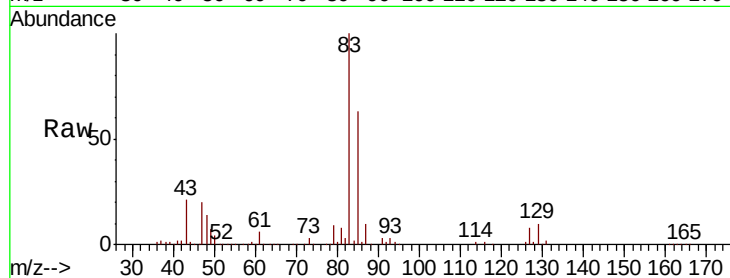
Tot Ion: 83 Resp: 215193

Ion Ratio Lower Upper

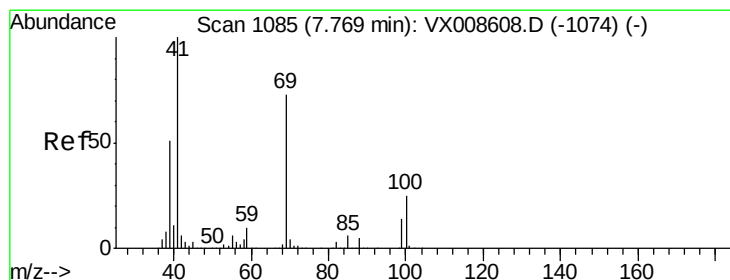
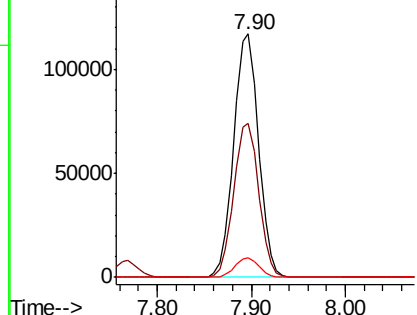
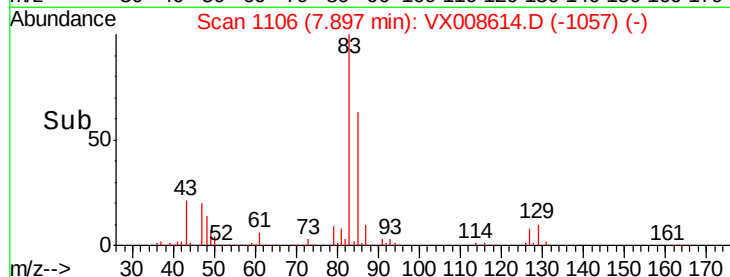
83 100

85 63.0 51.2 76.8

127 8.0 6.6 10.0



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



#48

Methyl methacrylate

Concen: 51.282 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

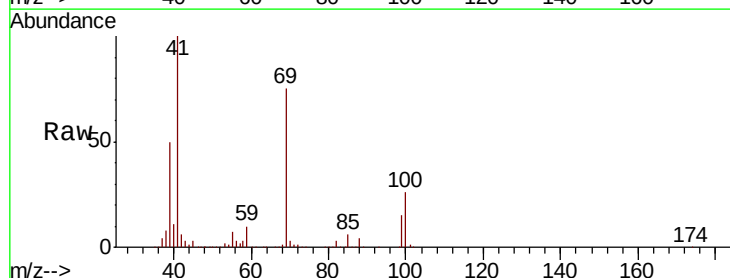
Tgt Ion: 41 Resp: 240997

Ion Ratio Lower Upper

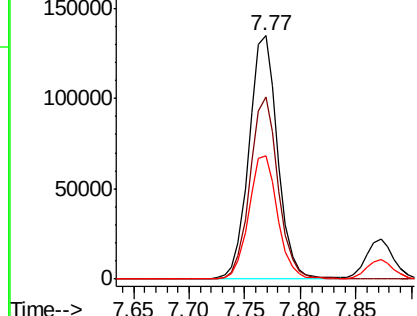
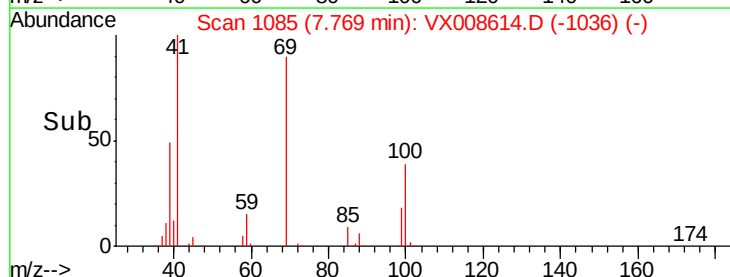
41 100

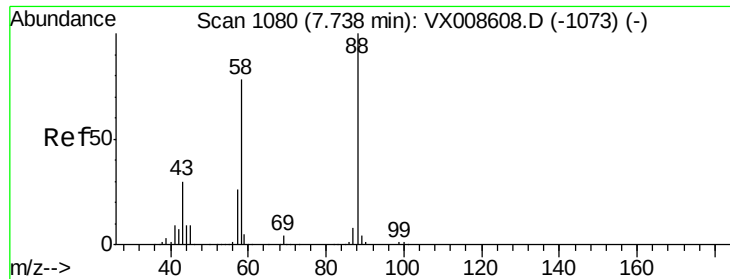
69 74.0 59.0 88.4

39 50.9 41.0 61.4



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

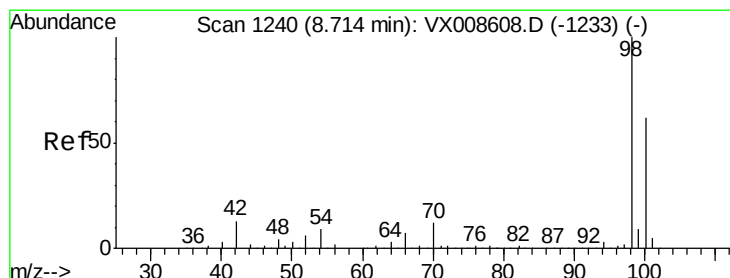
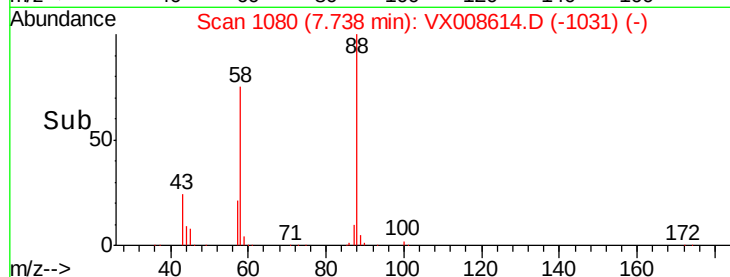
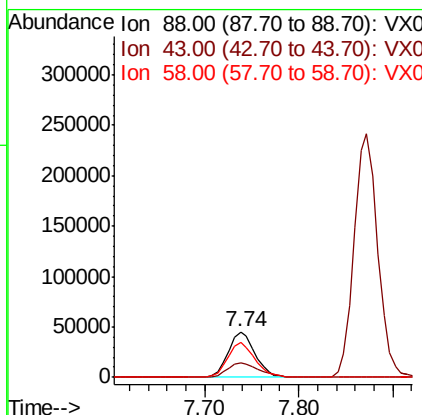
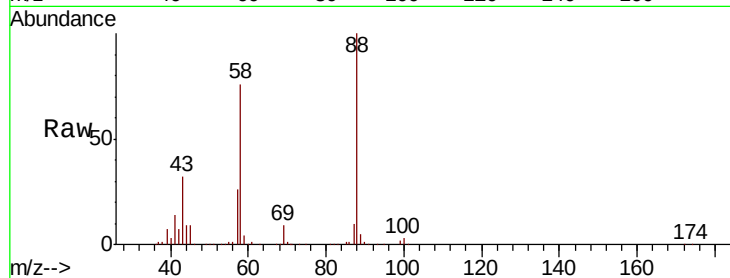




#49
1,4-Dioxane
Concen: 1005.721 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

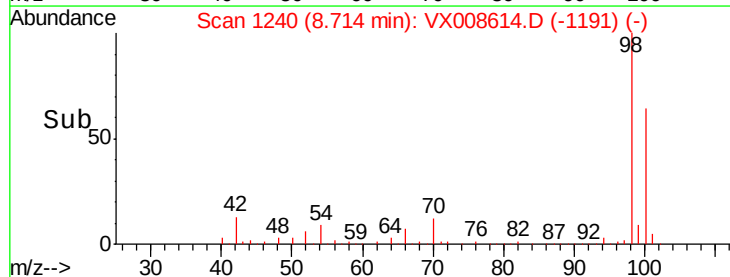
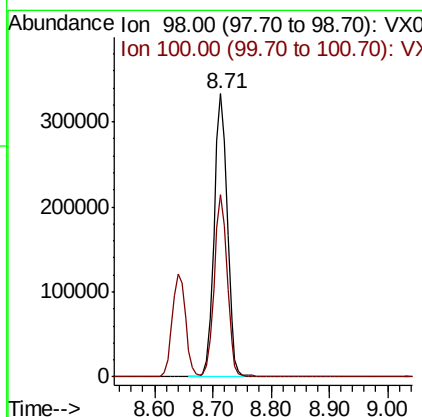
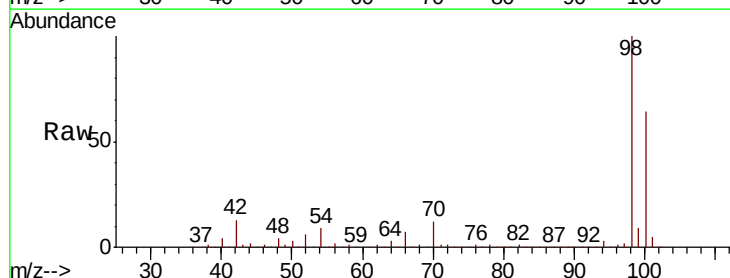
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

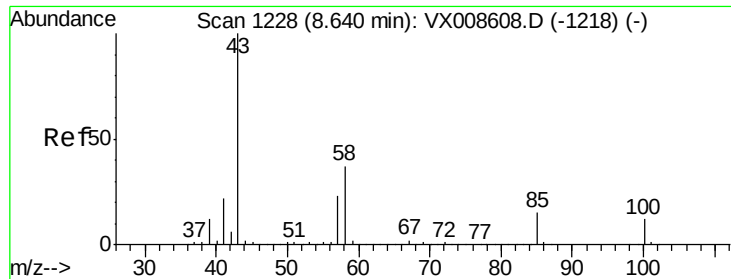
Tot Ion: 88 Resp: 88537
Ion Ratio Lower Upper
88 100
43 37.2 28.6 43.0
58 79.4 62.2 93.2



#50
Toluene-d8
Concen: 50.171 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 98 Resp: 519146
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 257.620 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

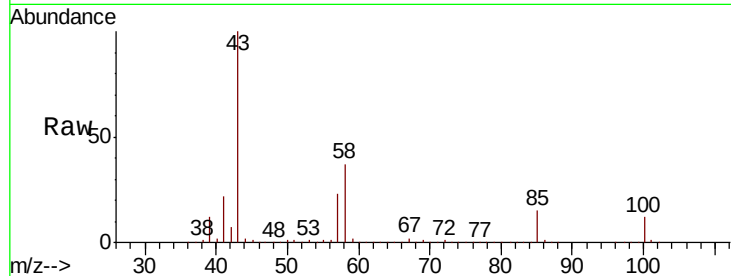
ICVX040319

Tot Ion: 43 Resp: 1540674

Ion Ratio Lower Upper

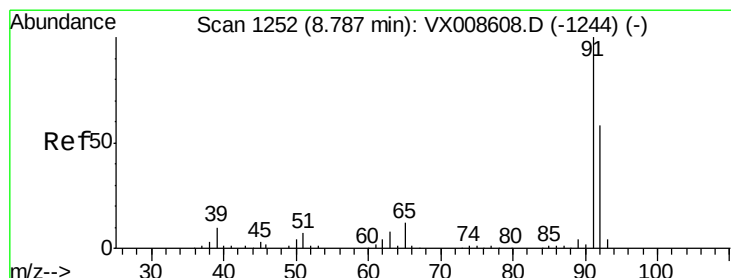
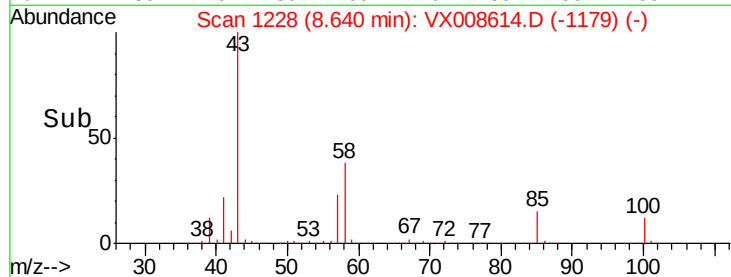
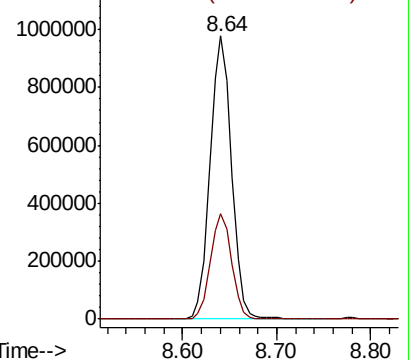
43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.769 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008614.D

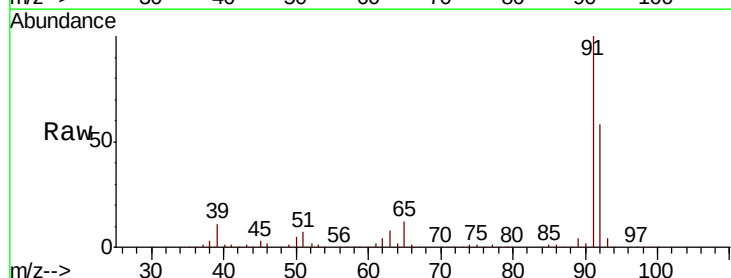
Acq: 03 Apr 2019 13:16

Tgt Ion: 92 Resp: 396178

Ion Ratio Lower Upper

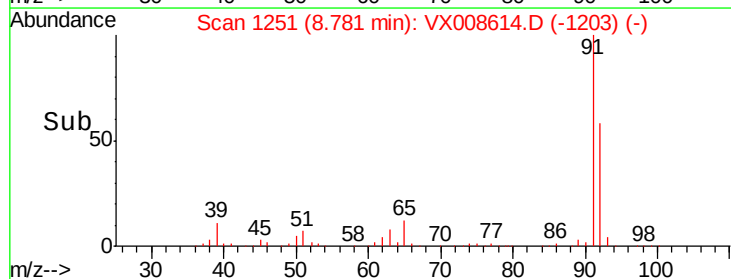
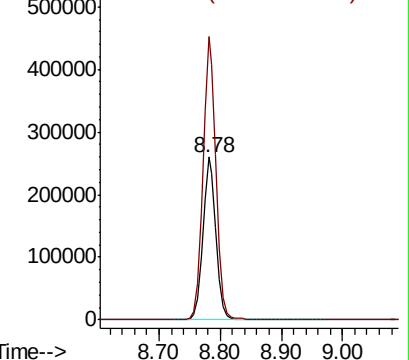
92 100

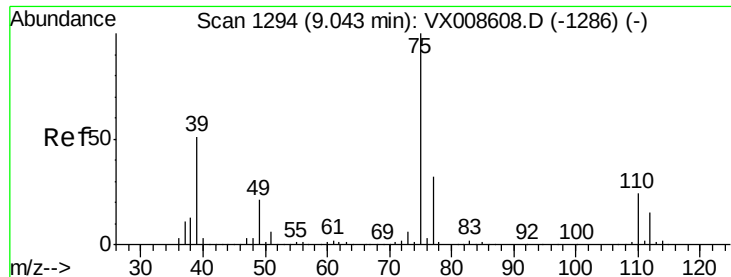
91 173.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

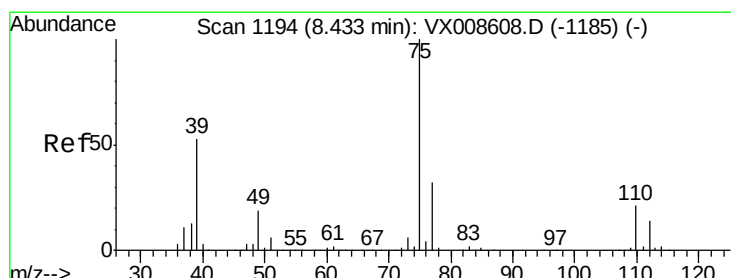
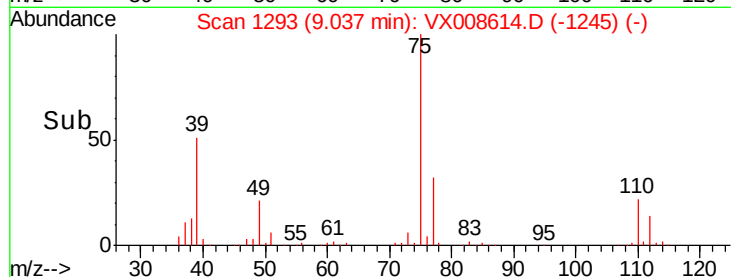
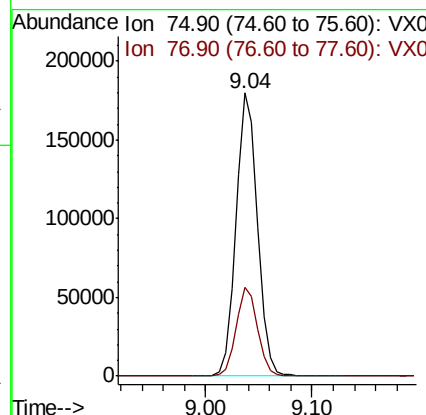
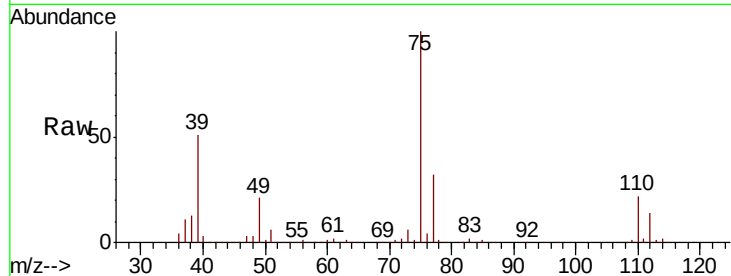




#53
 t-1,3-Dichloropropene
 Concen: 54.887 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

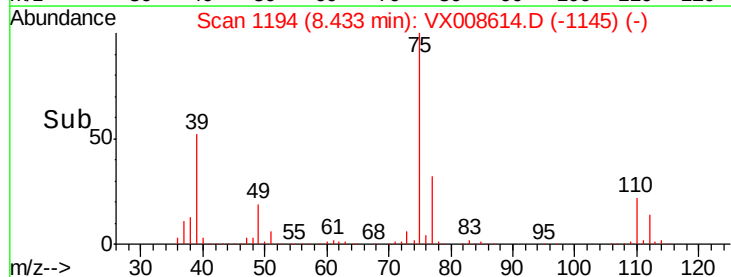
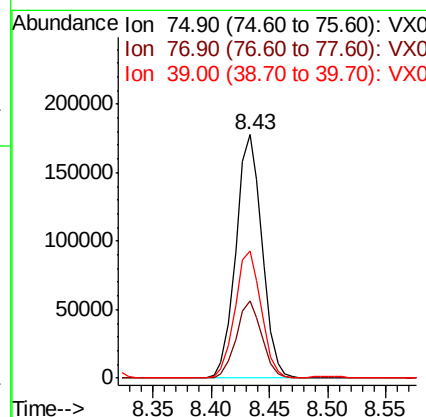
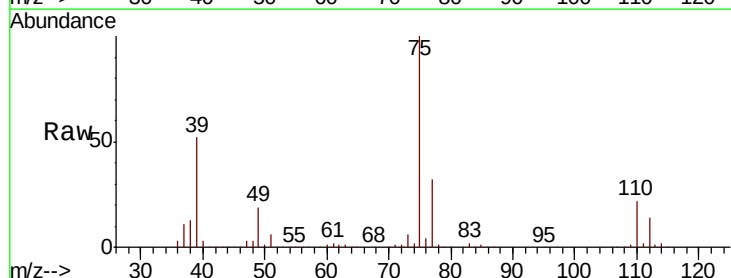
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

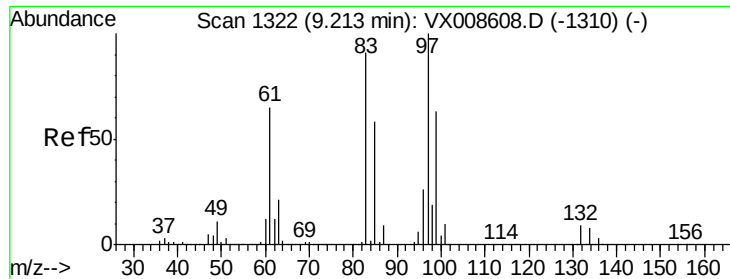
Tot Ion: 75 Resp: 254010
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.626 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion: 75 Resp: 278284
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 52.2 42.6 63.8

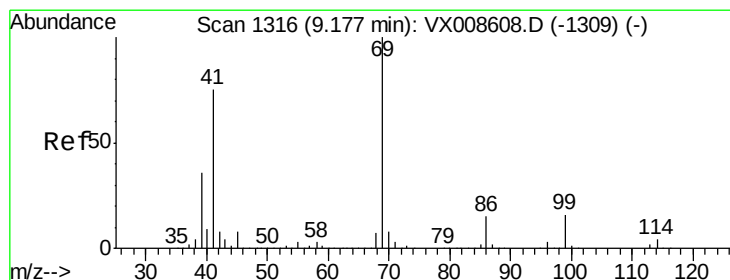
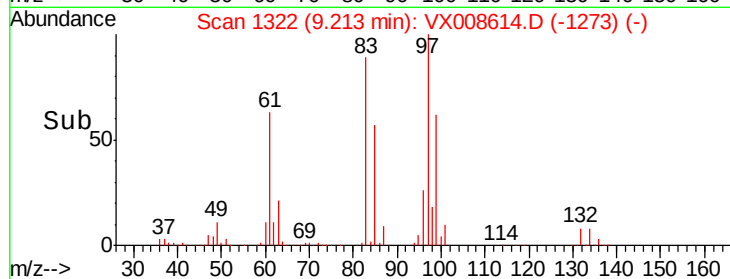
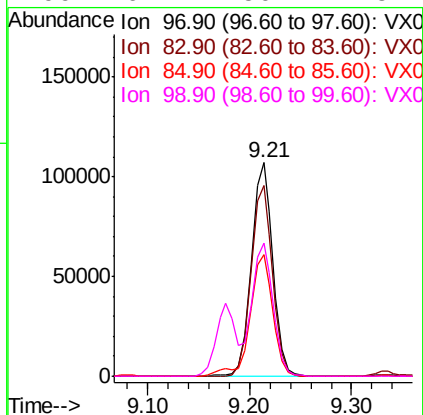
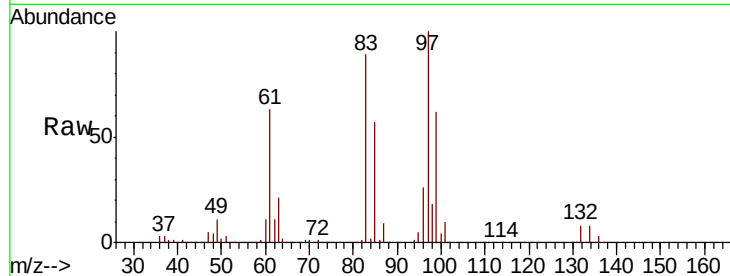




#55
 1,1,2-Trichloroethane
 Concen: 50.180 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

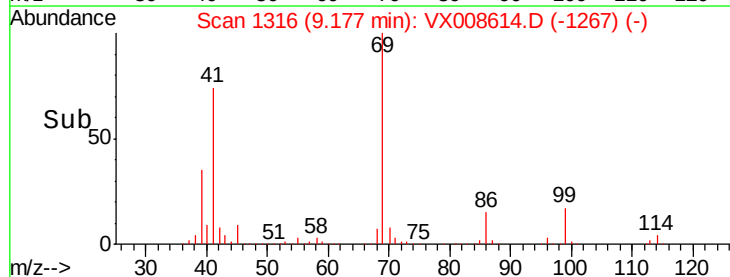
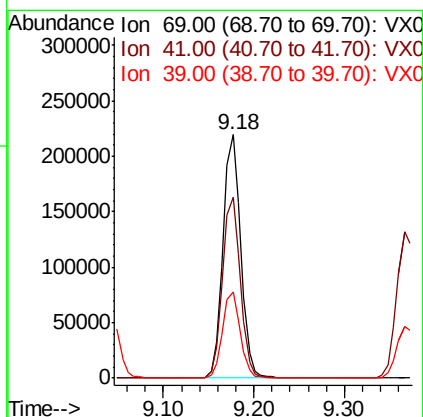
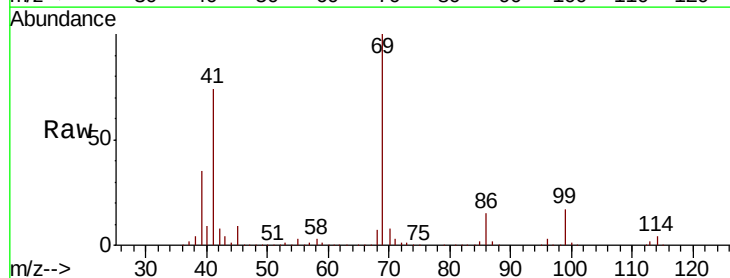
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

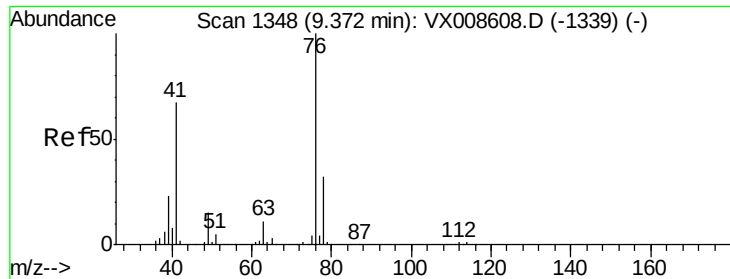
Tot Ion: 97 Resp: 157181
 Ion Ratio Lower Upper
 97 100
 83 89.1 73.2 109.8
 85 56.8 46.6 69.8
 99 62.4 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 53.041 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion: 69 Resp: 300607
 Ion Ratio Lower Upper
 69 100
 41 74.8 60.1 90.1
 39 35.3 28.9 43.3





#57

1,3-Dichloropropane

Concen: 50.125 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

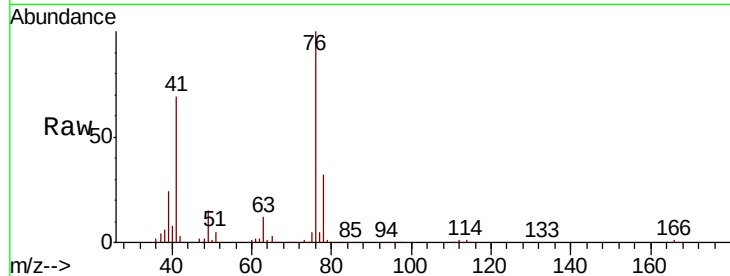
ICVVX040319

Tot Ion: 76 Resp: 281934

Ion Ratio Lower Upper

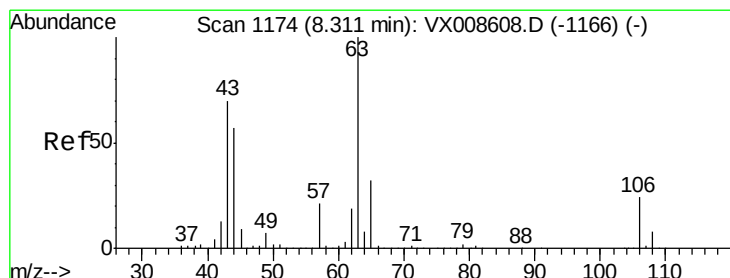
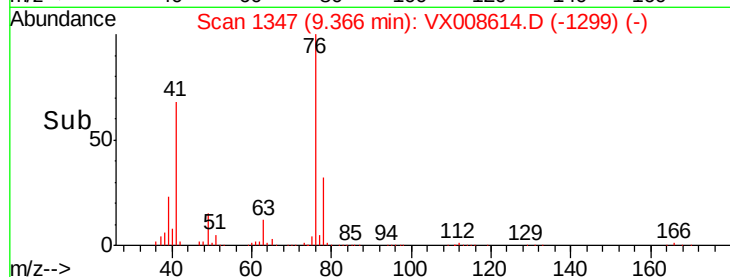
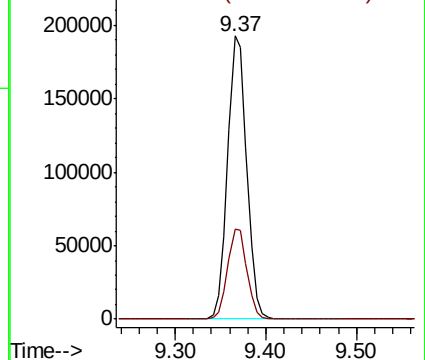
76 100

78 32.3 25.6 38.4



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: 269.268 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008614.D

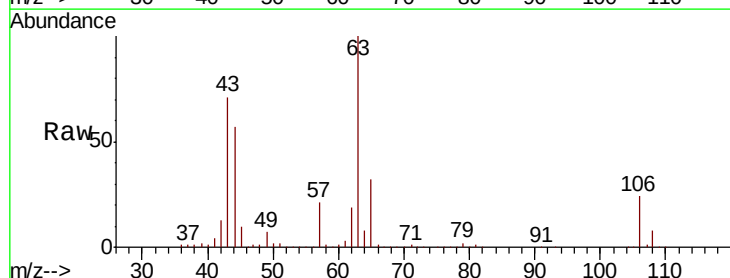
Acq: 03 Apr 2019 13:16

Tgt Ion: 63 Resp: 779240

Ion Ratio Lower Upper

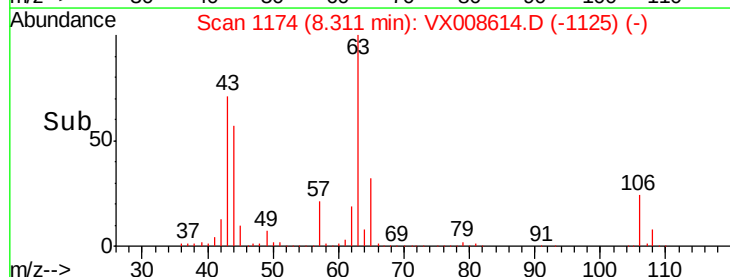
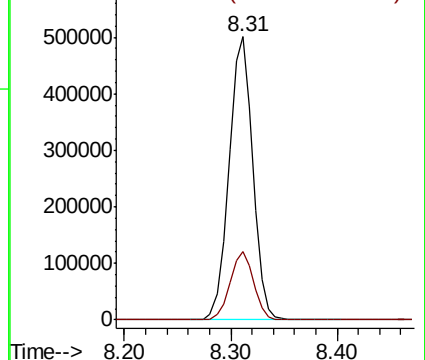
63 100

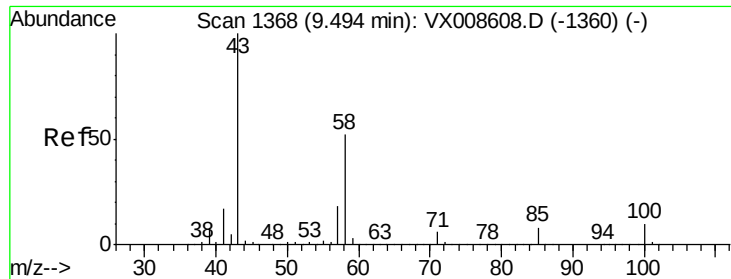
106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

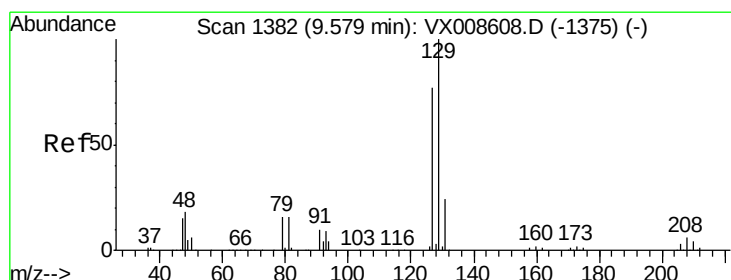
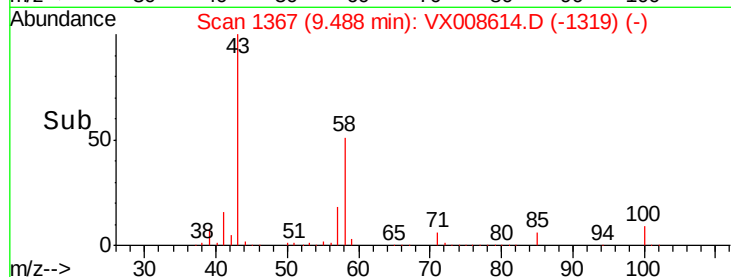
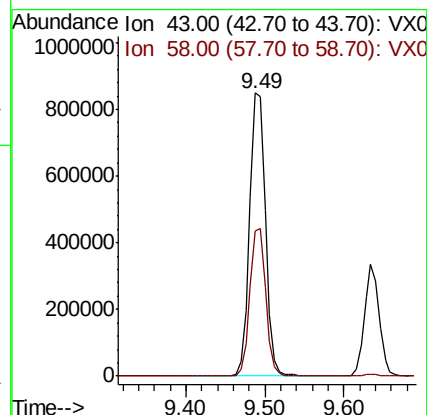
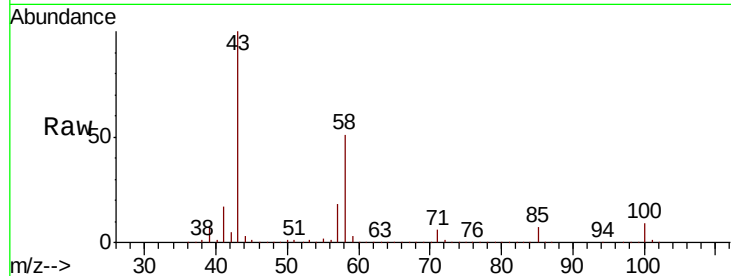




#59
2-Hexanone
Concen: 255.604 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

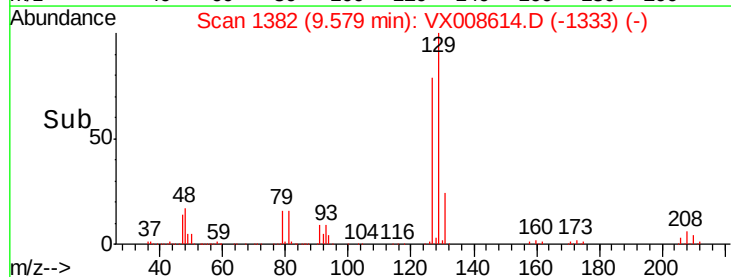
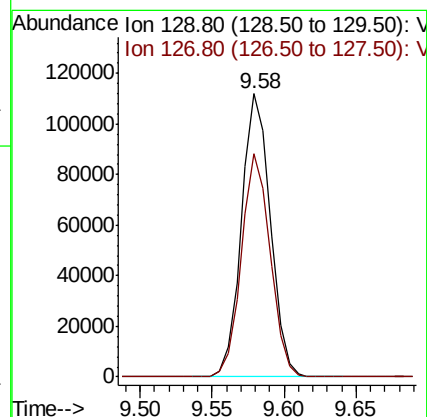
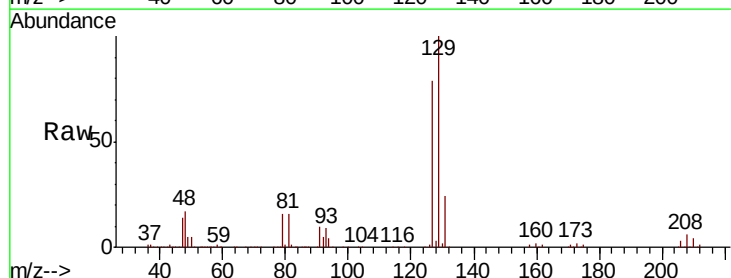
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

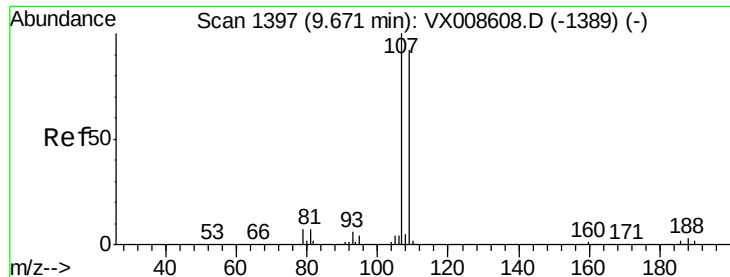
Tot Ion: 43 Resp: 1187960
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.7



#60
Dibromochloromethane
Concen: 53.020 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 129 Resp: 156499
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.169 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

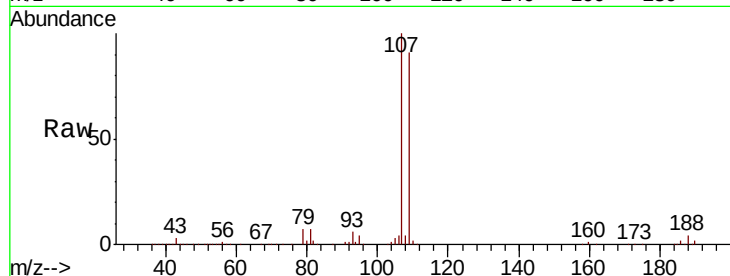
ICVVX040319

Tot Ion: 107 Resp: 163598

Ion Ratio Lower Upper

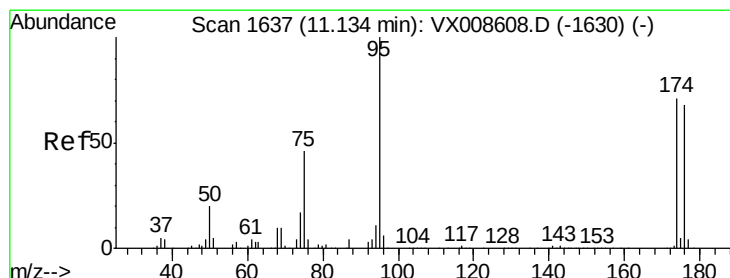
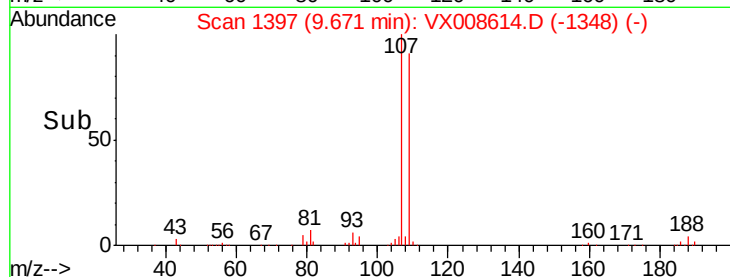
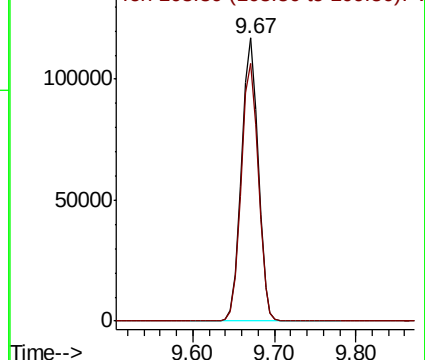
107 100

109 93.4 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.205 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

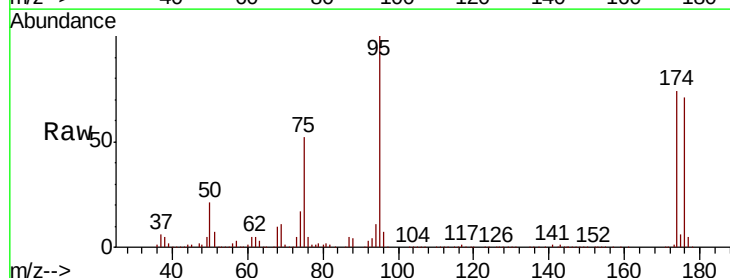
Tgt Ion: 95 Resp: 191562

Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.8

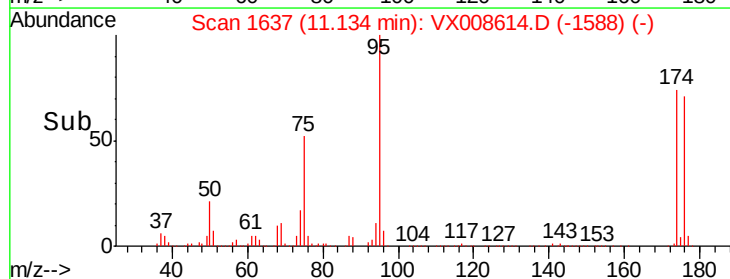
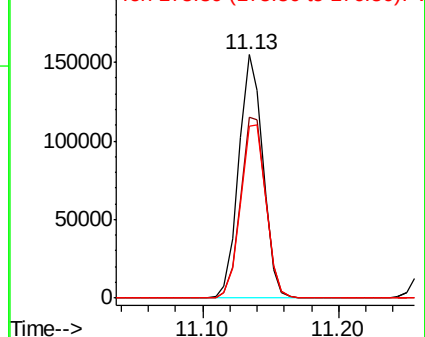
176 74.8 0.0 145.8

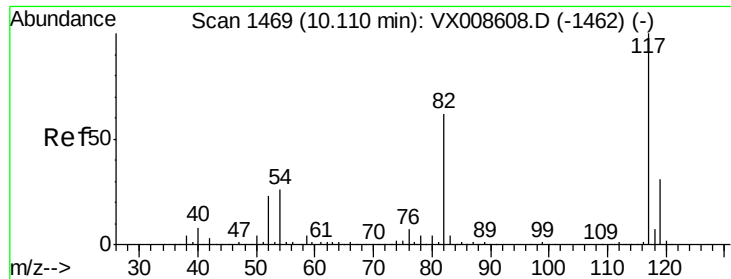


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

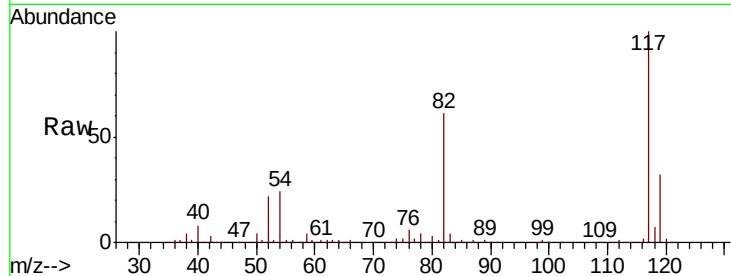




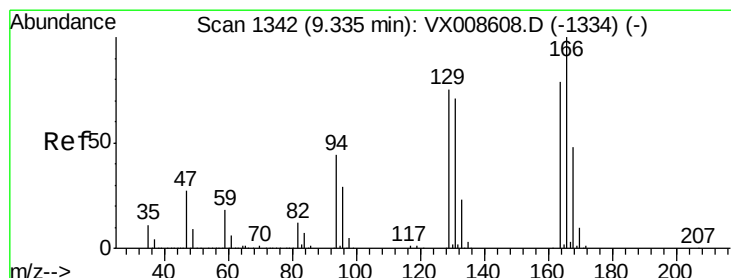
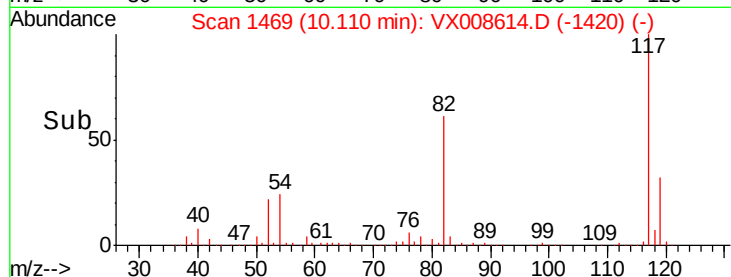
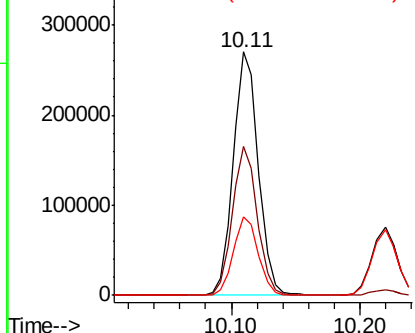
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion:117 Resp: 365962
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 32.0 25.0 37.4

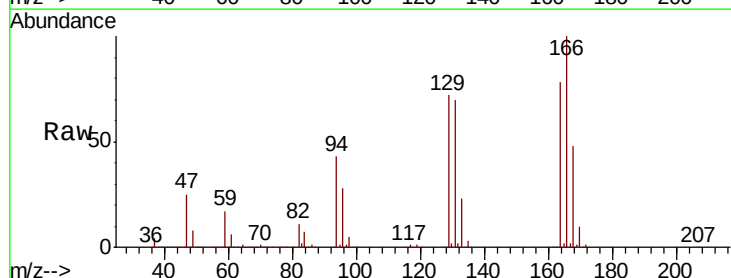


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

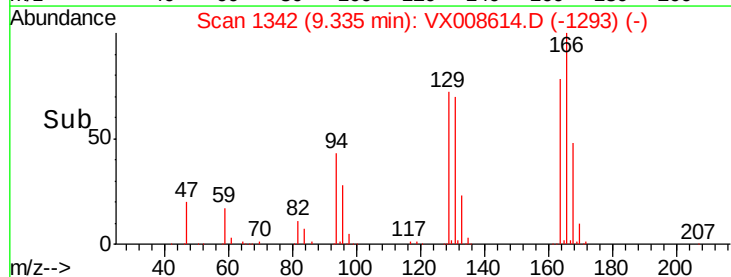
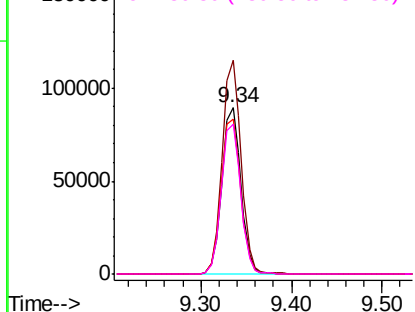


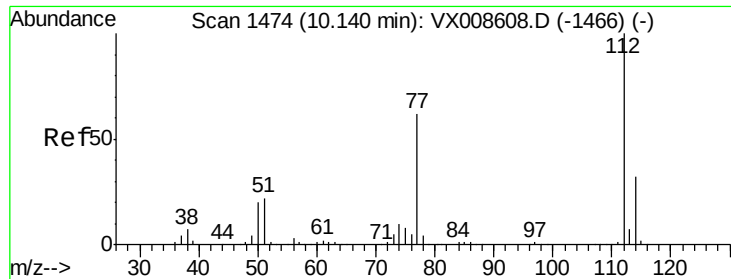
#64
Tetrachloroethene
Concen: 48.329 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion:164 Resp: 131039
Ion Ratio Lower Upper
164 100
166 128.4 101.0 151.6
129 92.8 75.8 113.8
131 90.3 71.8 107.8



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

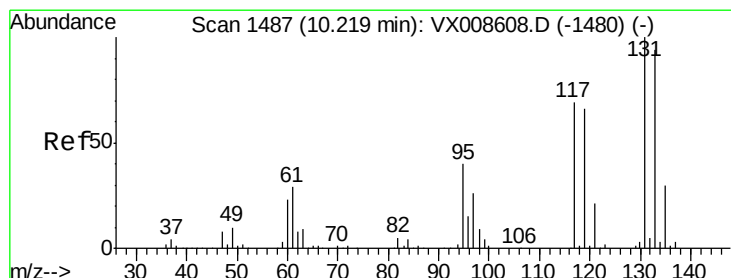
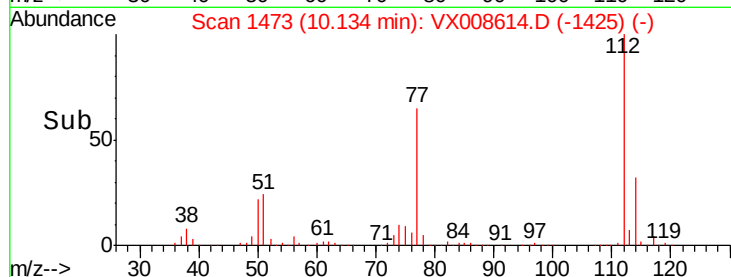
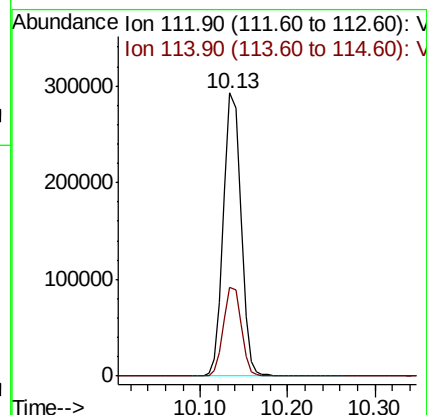
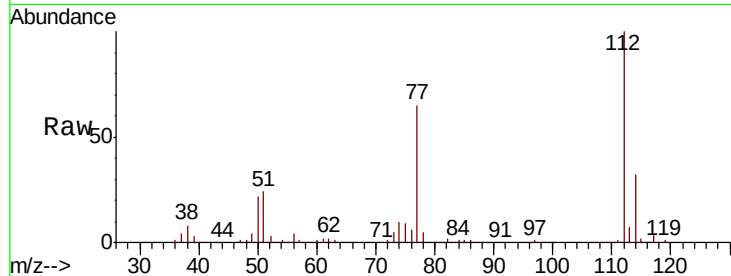




#65
Chlorobenzene
Concen: 50.170 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

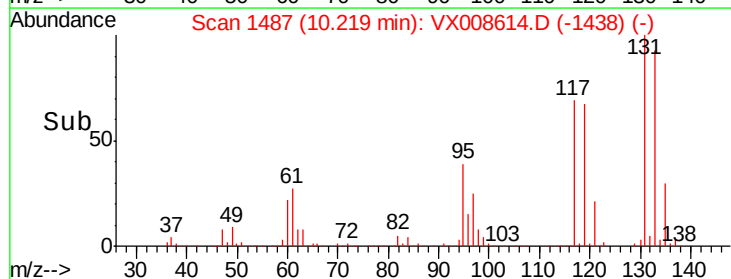
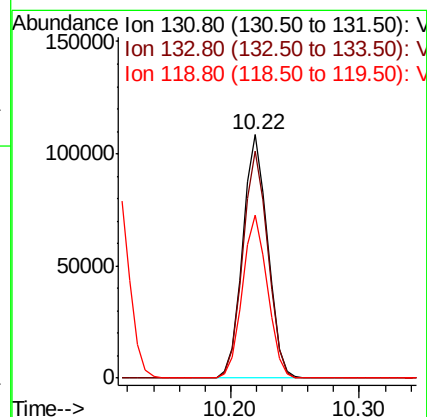
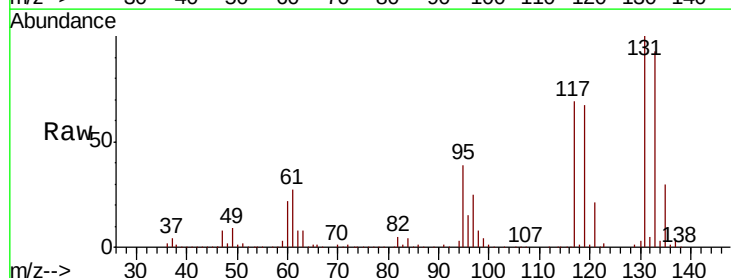
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

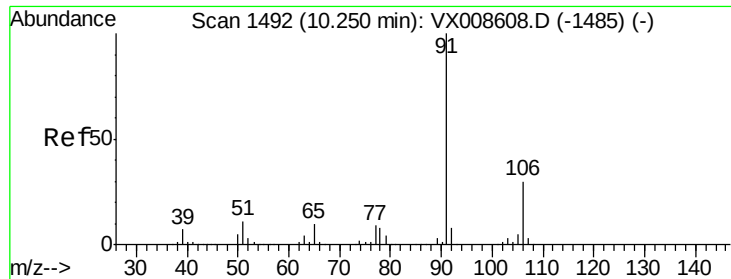
Tot Ion:112 Resp: 406992
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.167 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion:131 Resp: 145616
Ion Ratio Lower Upper
131 100
133 93.8 47.0 141.2
119 66.9 33.7 101.0





#67

Ethyl Benzene

Concen: 50.881 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

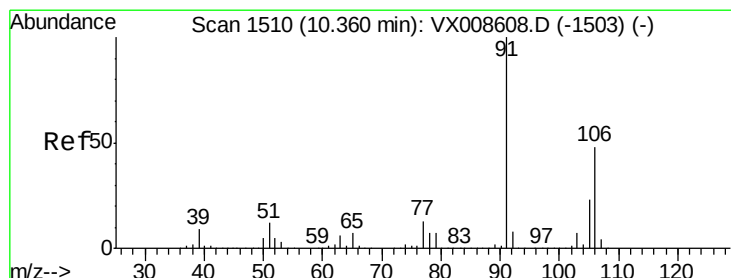
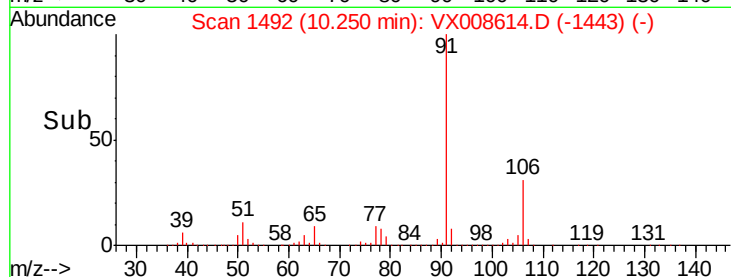
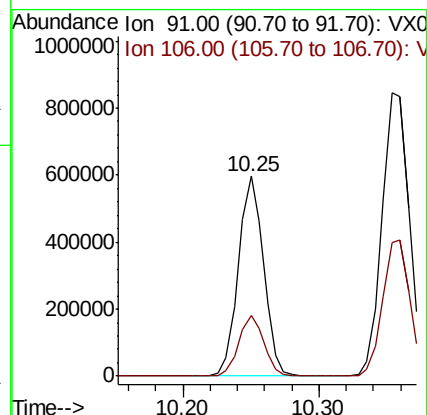
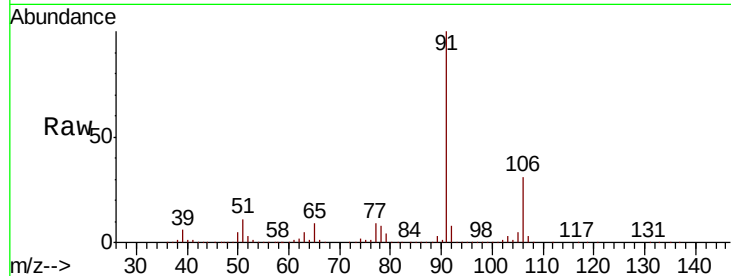
ICVVX040319

Tot Ion: 91 Resp: 769659

Ion Ratio Lower Upper

91 100

106 30.5 23.7 35.5



#68

m/p-Xylenes

Concen: 103.214 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008614.D

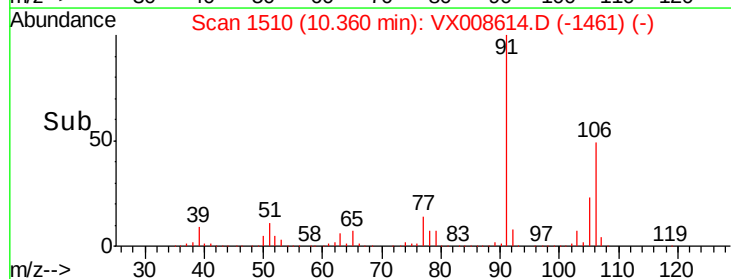
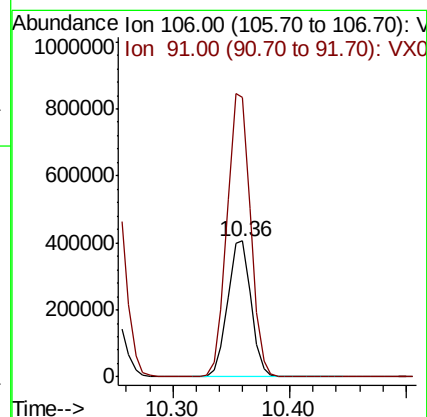
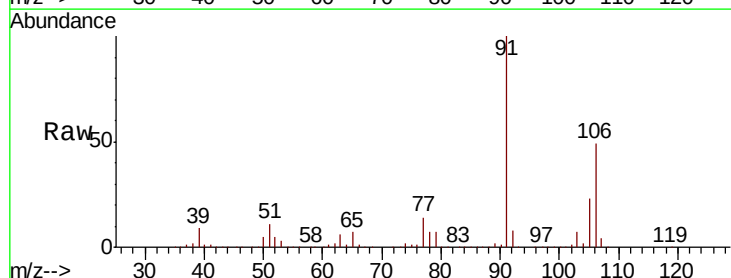
Acq: 03 Apr 2019 13:16

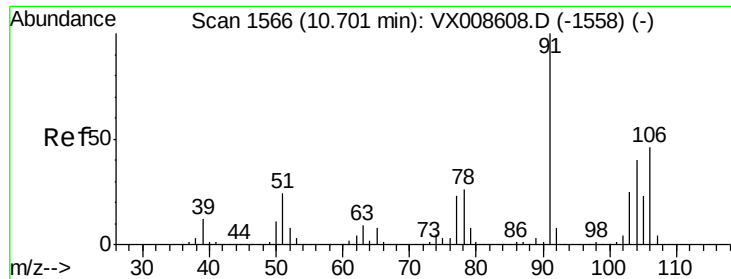
Tgt Ion: 106 Resp: 561364

Ion Ratio Lower Upper

106 100

91 209.3 168.5 252.7

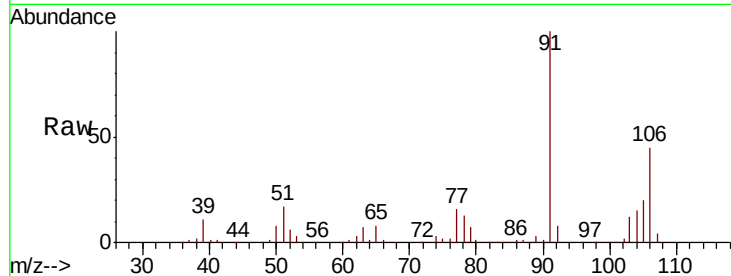




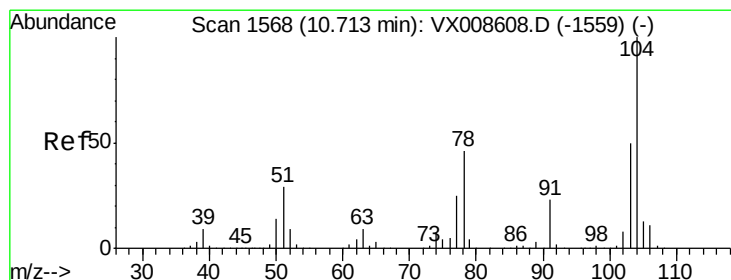
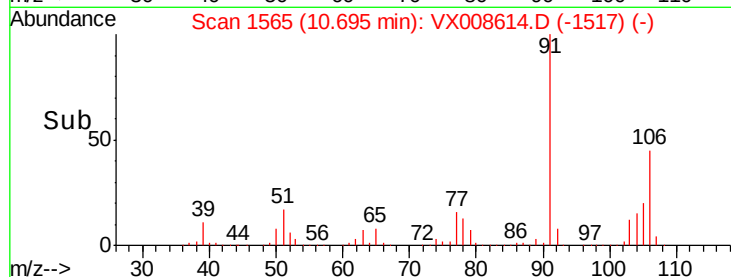
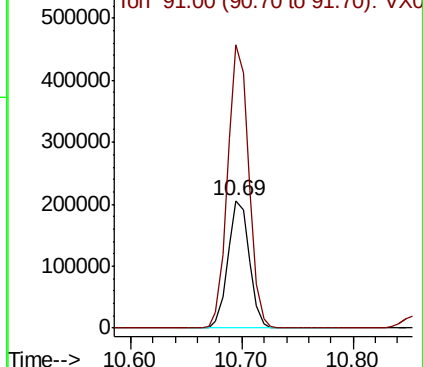
#69
o-Xylene
Concen: 51.689 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion:106 Resp: 272448
Ion Ratio Lower Upper
106 100
91 219.9 111.5 334.4

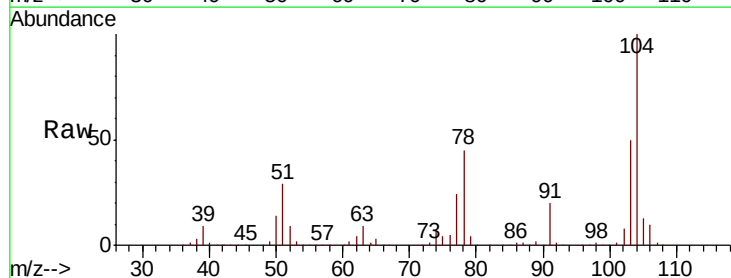


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

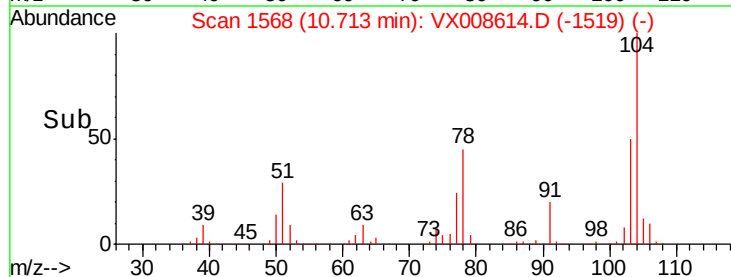
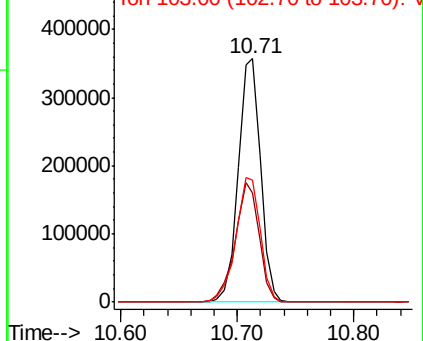


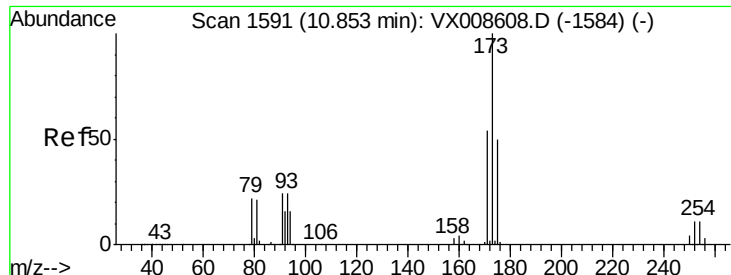
#70
Styrene
Concen: 52.554 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion:104 Resp: 477492
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.4 44.4 66.6



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





#71

Bromoform

Concen: 53.914 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

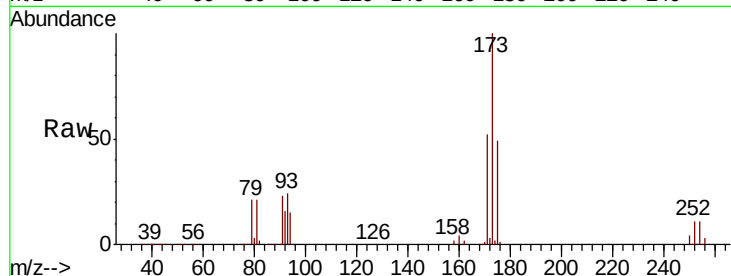
Tot Ion:173 Resp: 117185

Ion Ratio Lower Upper

173 100

175 49.4 24.9 74.6

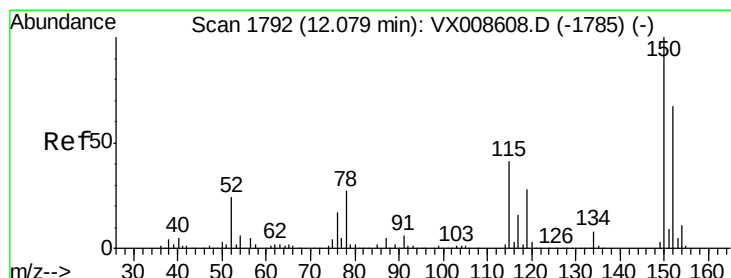
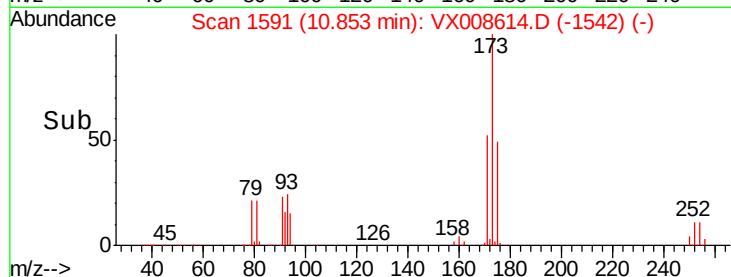
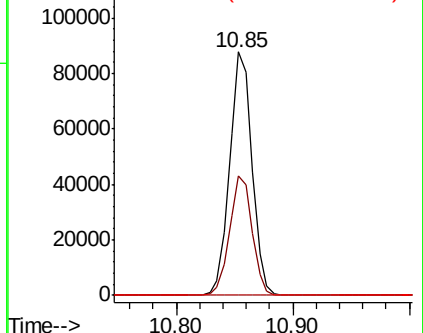
254 0.2 0.1 0.1#



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: VX008614.D

Acq: 03 Apr 2019 13:16

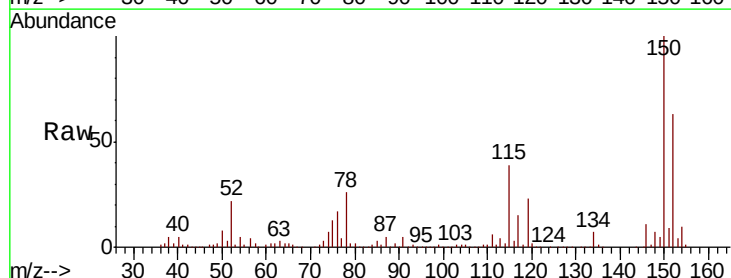
Tgt Ion:152 Resp: 176602

Ion Ratio Lower Upper

152 100

115 87.1 43.5 130.5

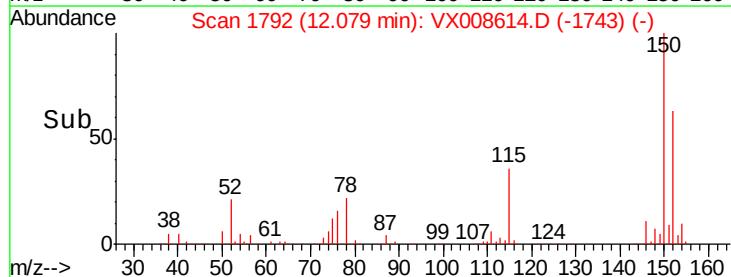
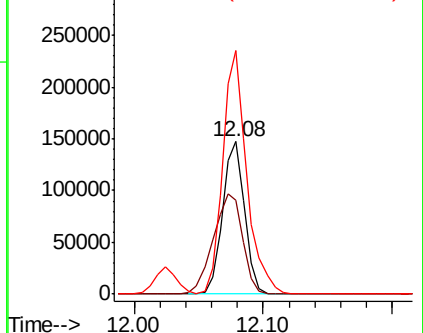
150 174.8 0.0 348.8

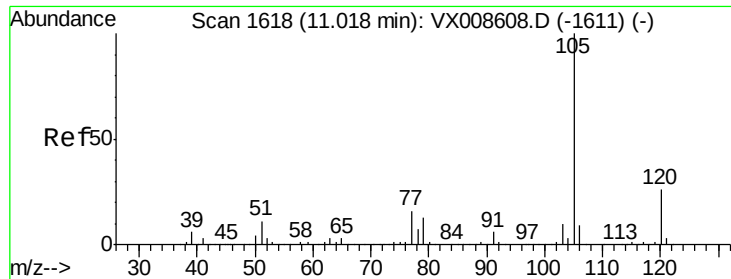


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.655 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

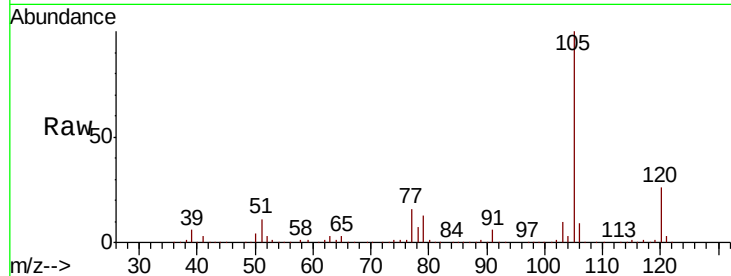
ICVVX040319

Tot Ion:105 Resp: 726734

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

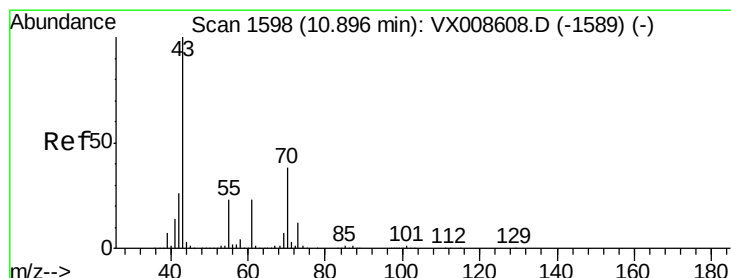
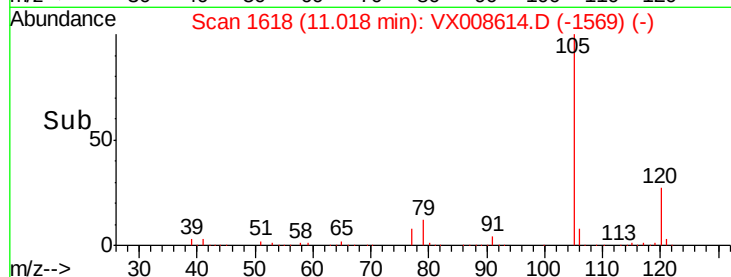
200000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 48.708 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion: 43 Resp: 419411

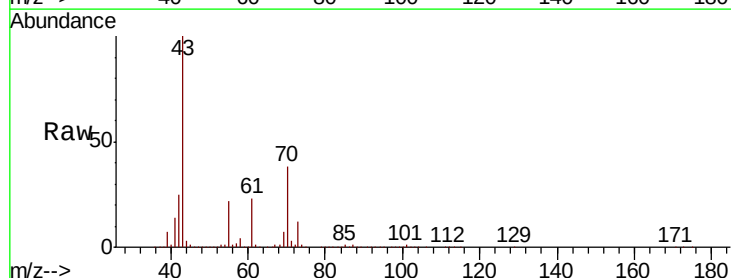
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 22.2 18.2 27.4

61 22.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

300000

200000

100000

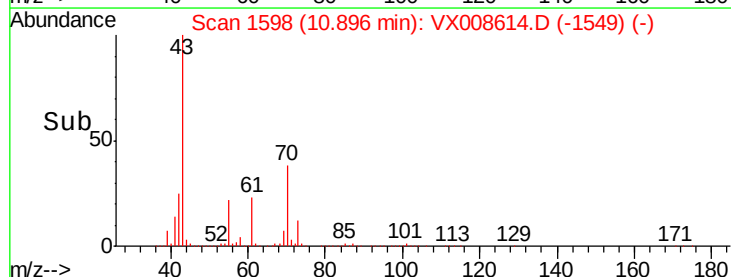
0

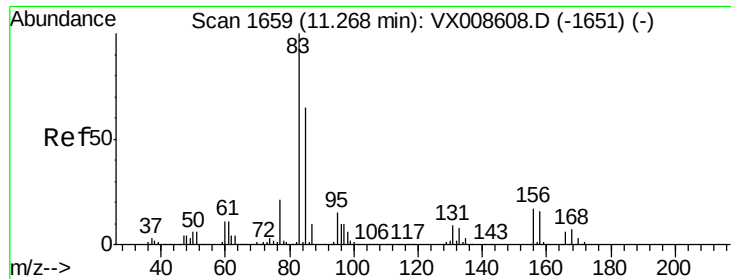
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.948 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

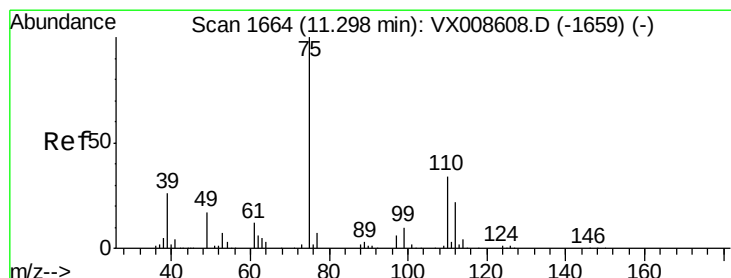
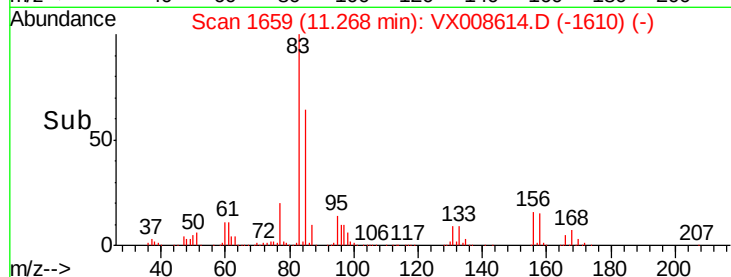
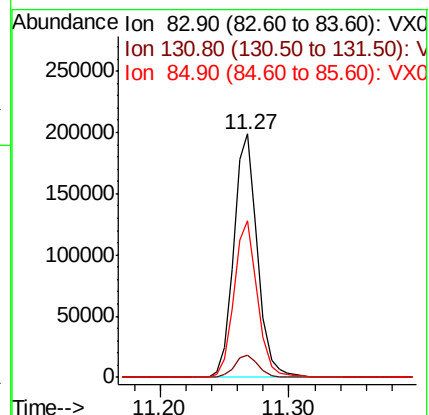
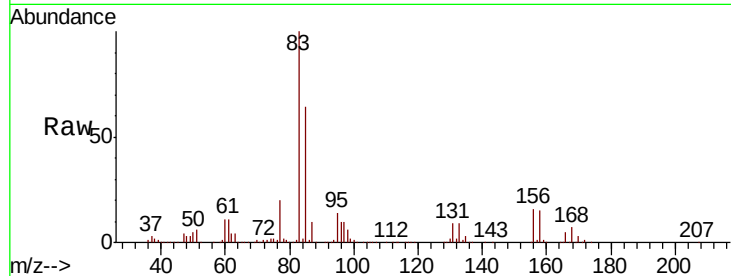
Tot Ion: 83 Resp: 255751

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.7
85	64.0	32.0	96.2

83 100

131 9.1 4.5 13.7

85 64.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 64.009 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008614.D

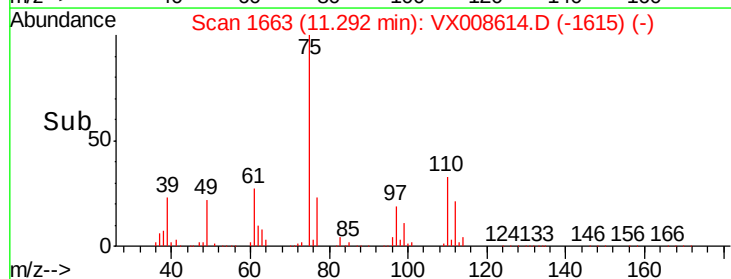
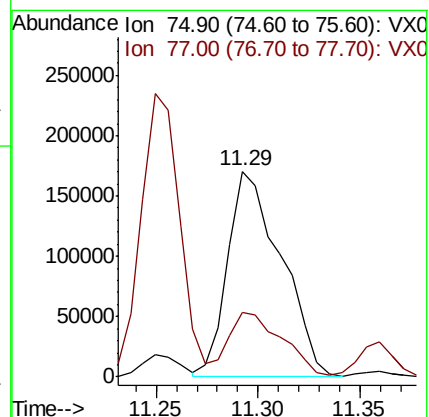
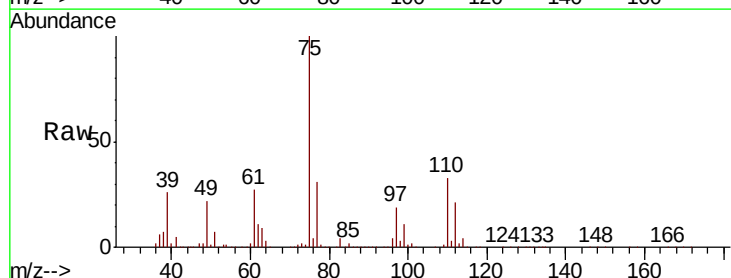
Acq: 03 Apr 2019 13:16

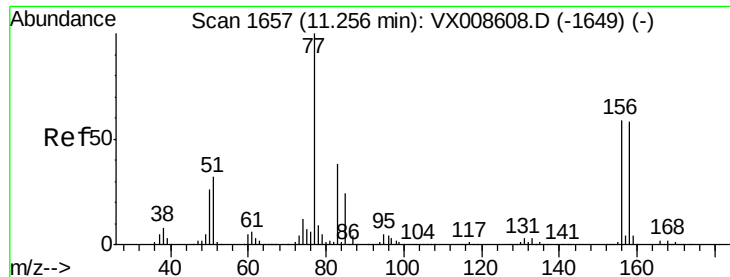
Tgt Ion: 75 Resp: 310534

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.3	66.8

75 100

77 31.9 22.3 66.8





#77

Bromobenzene

Concen: 48.844 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

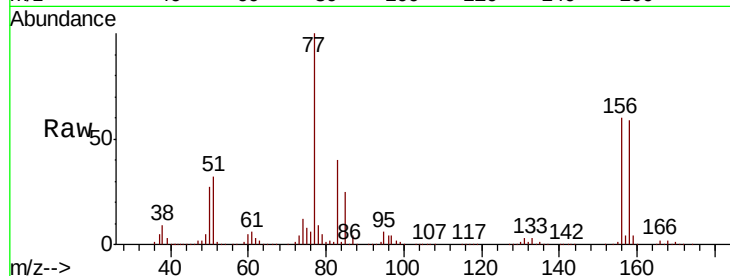
Tot Ion:156 Resp: 171852

Ion Ratio Lower Upper

156 100

77 179.3 89.8 269.6

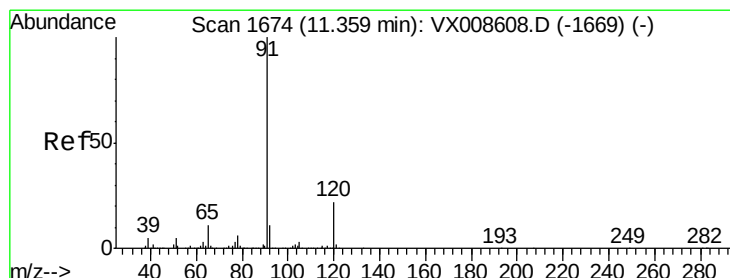
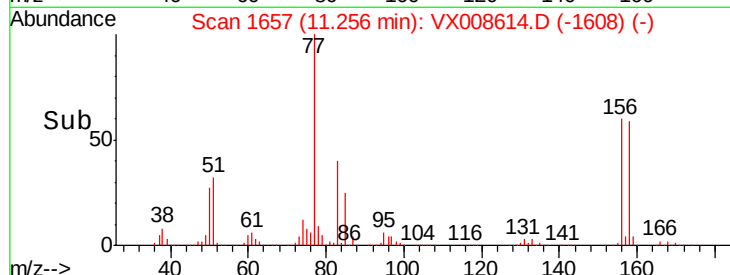
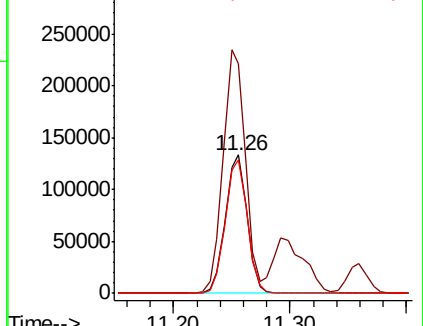
158 97.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.876 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008614.D

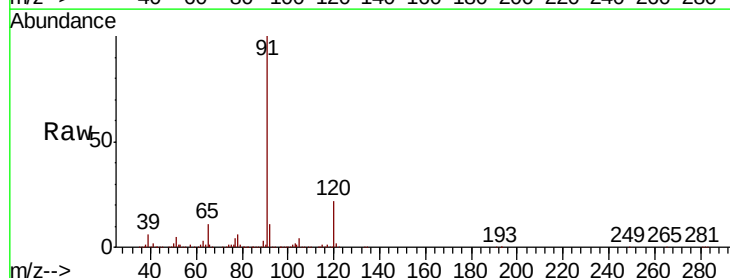
Acq: 03 Apr 2019 13:16

Tgt Ion: 91 Resp: 866991

Ion Ratio Lower Upper

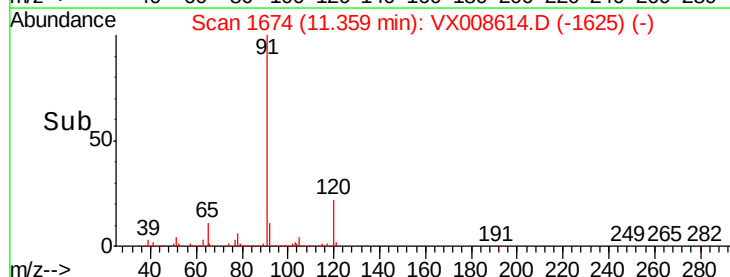
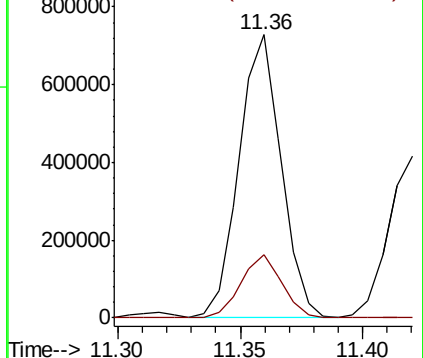
91 100

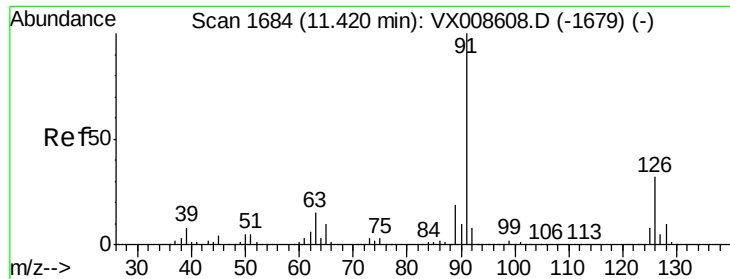
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

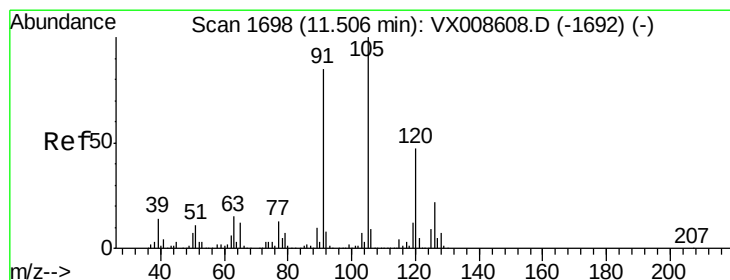
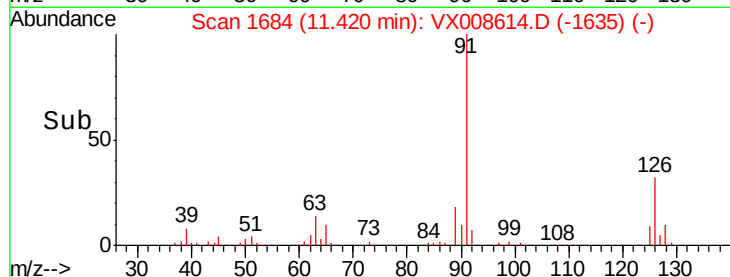
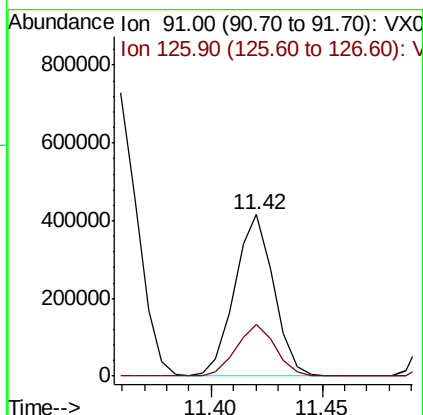
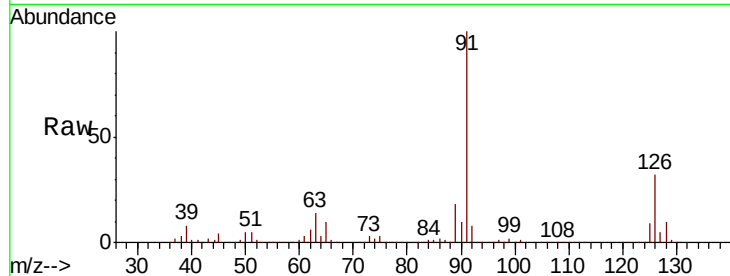




#79
 2-Chlorotoluene
 Concen: 48.860 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

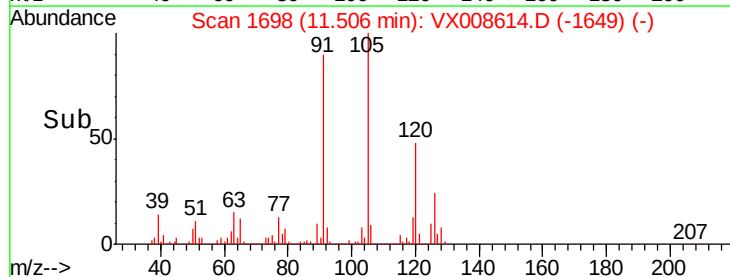
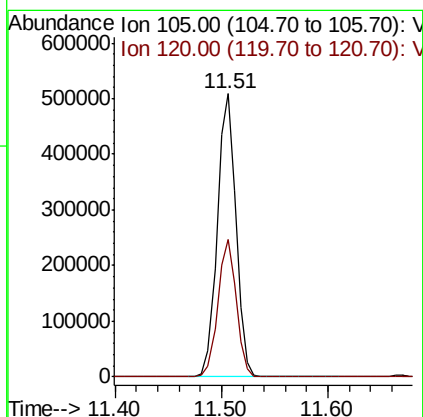
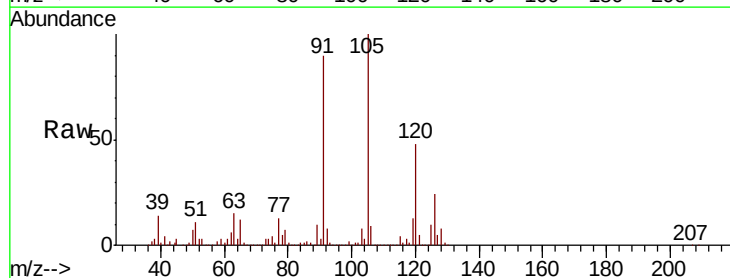
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

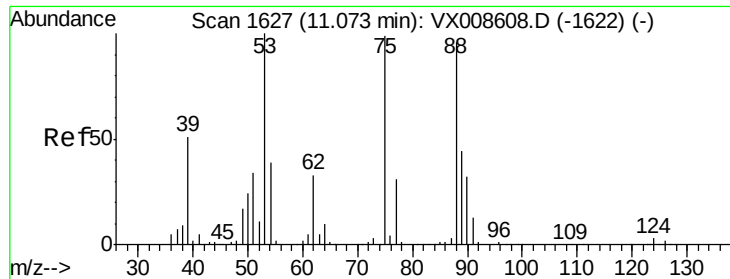
Tot Ion: 91 Resp: 503871
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.136 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion: 105 Resp: 615940
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.427 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

ICVVX040319

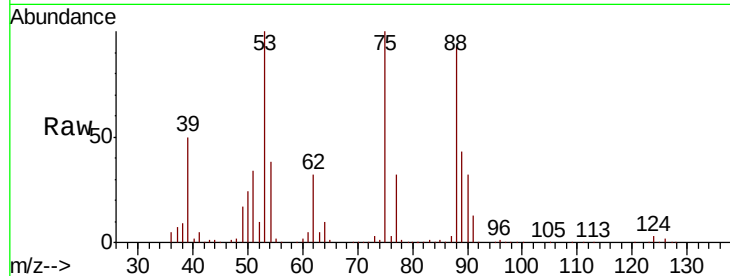
Tot Ion: 75 Resp: 92269

Ion Ratio Lower Upper

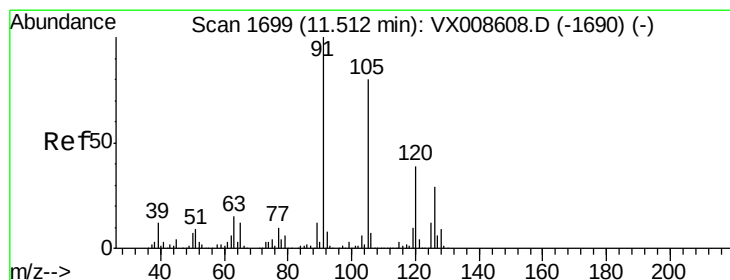
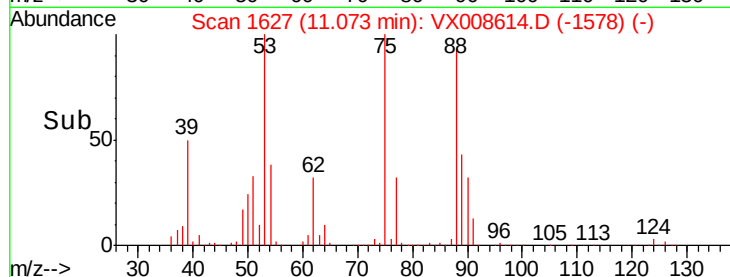
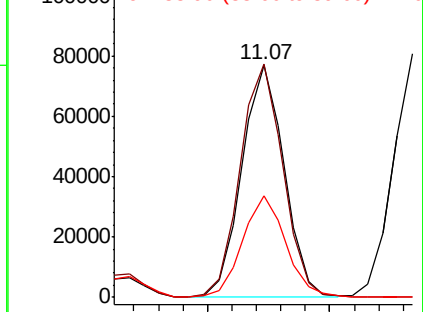
75 100

53 101.4 81.3 121.9

89 44.8 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.337 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008614.D

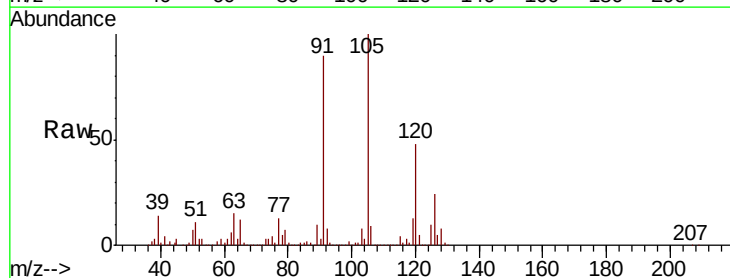
Acq: 03 Apr 2019 13:16

Tgt Ion: 91 Resp: 588942

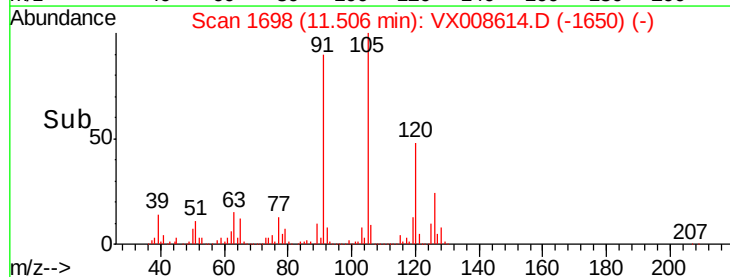
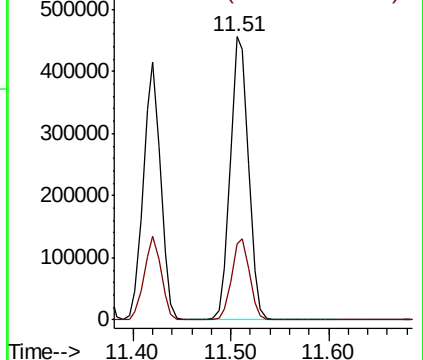
Ion Ratio Lower Upper

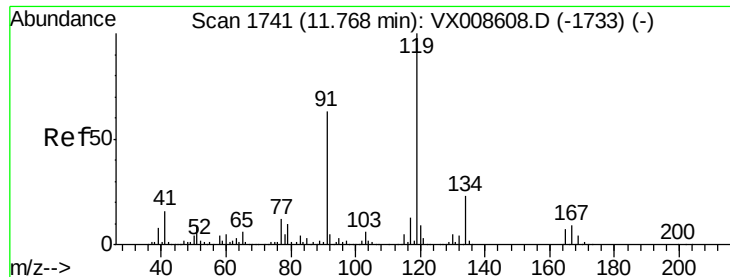
91 100

126 28.3 13.9 41.6



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

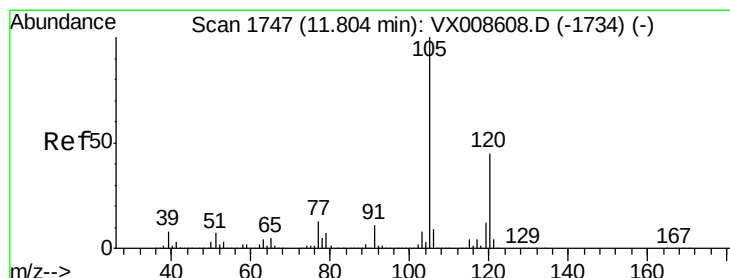
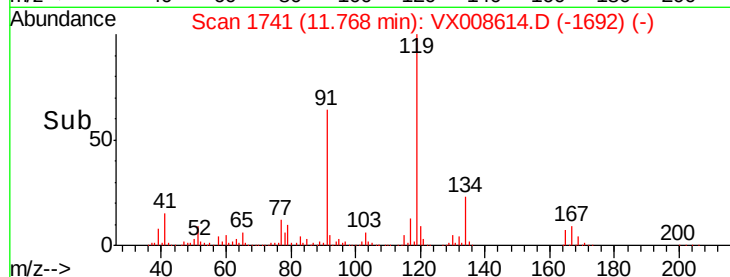
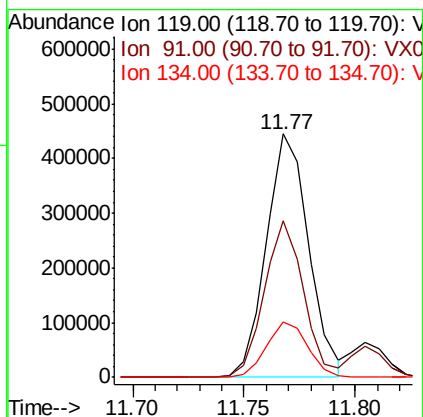
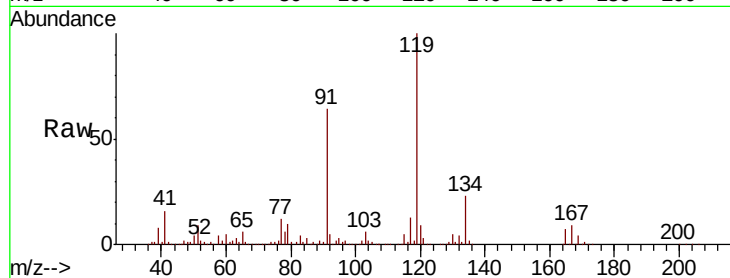




#83
tert-Butylbenzene
Concen: 49.622 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

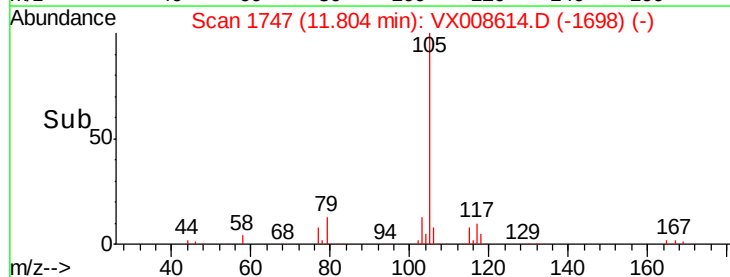
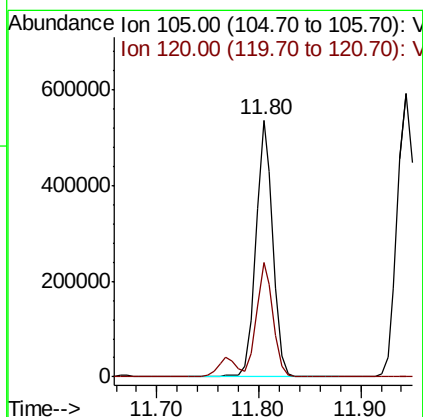
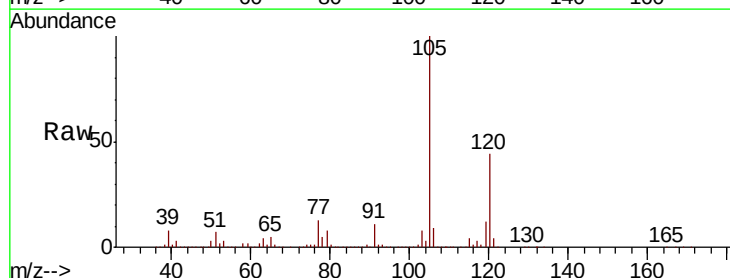
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

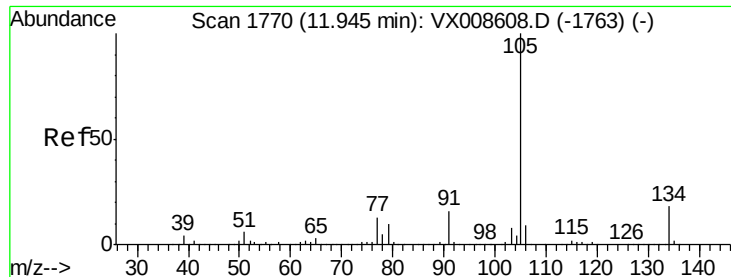
Tot Ion:119 Resp: 586503
Ion Ratio Lower Upper
119 100
91 59.8 30.0 90.1
134 22.1 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 50.304 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion:105 Resp: 625769
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.3





#85

sec-Butylbenzene

Concen: 50.962 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

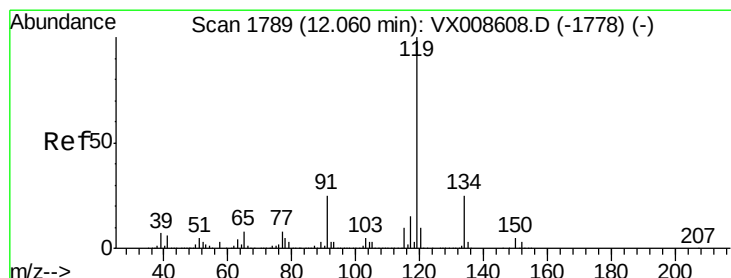
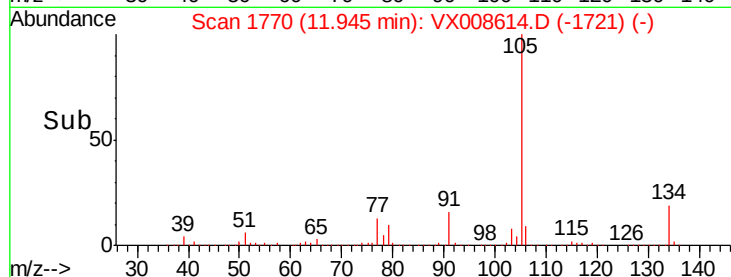
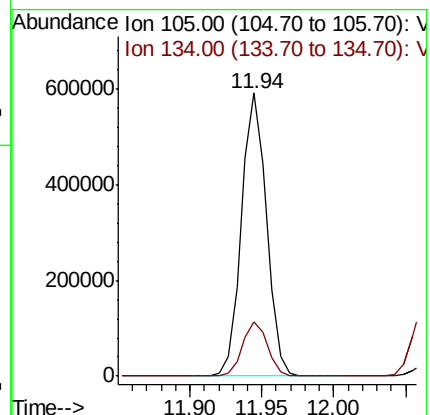
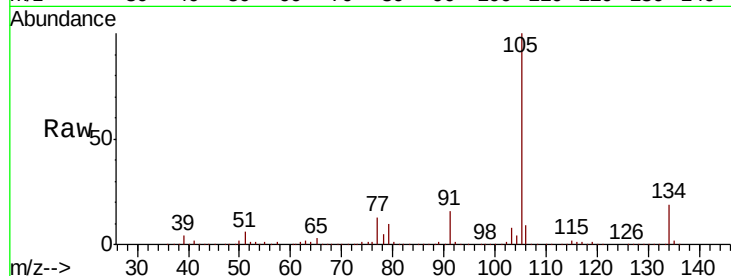
ICVX040319

Tot Ion:105 Resp: 715464

Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.2



#86

p-Isopropyltoluene

Concen: 51.509 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

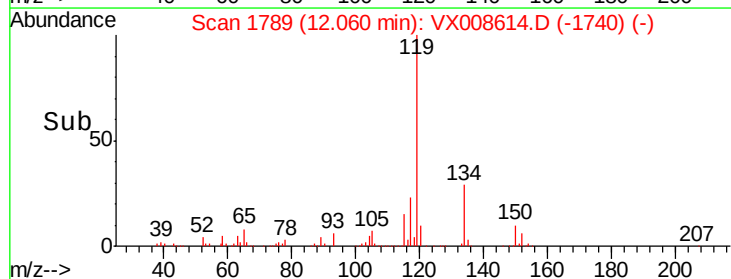
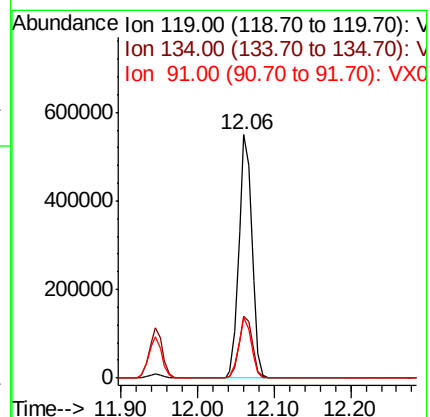
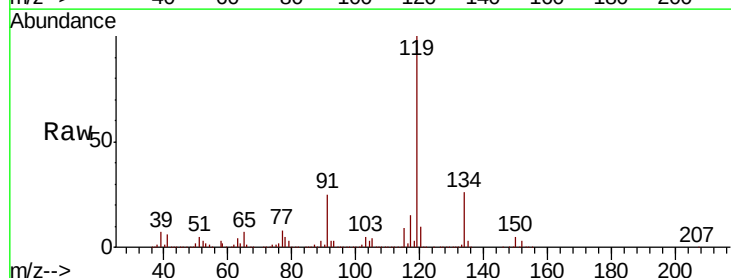
Tgt Ion:119 Resp: 649054

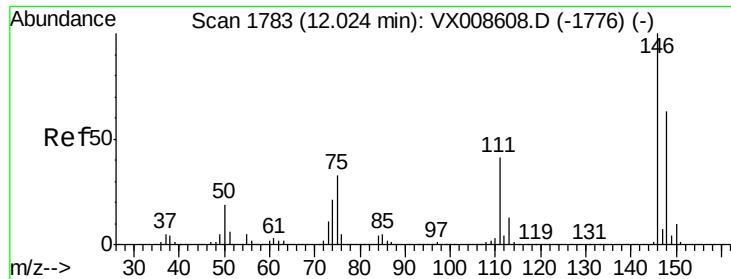
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.3 12.2 36.6

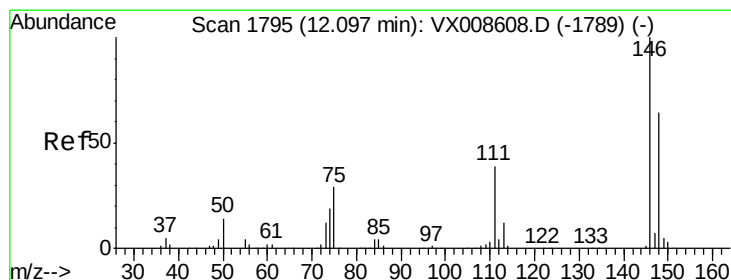
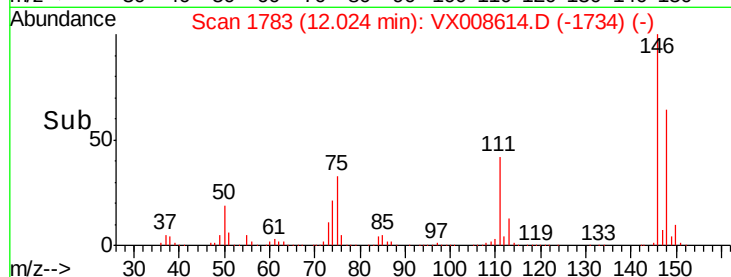
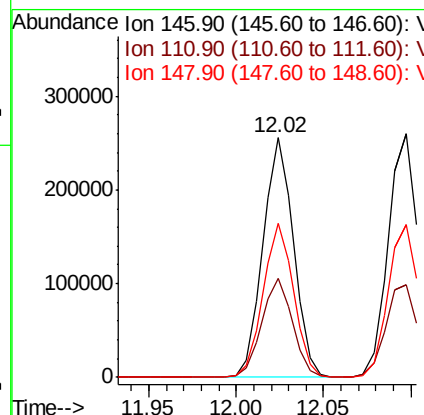
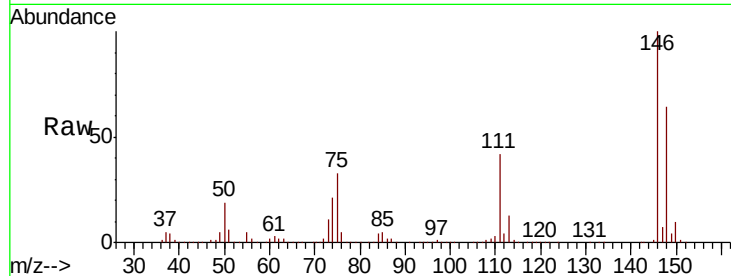




#87
 1,3-Dichlorobenzene
 Concen: 49.426 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

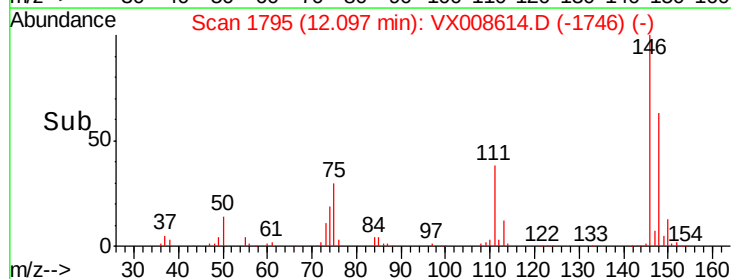
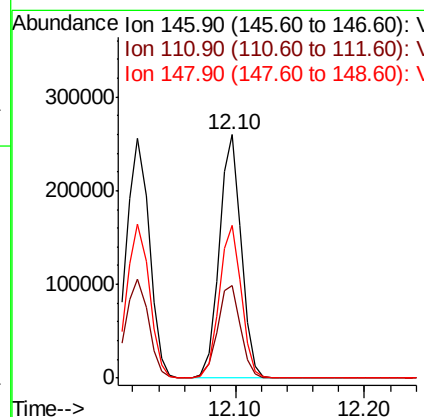
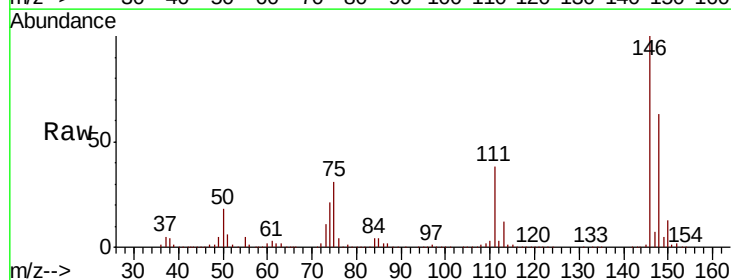
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

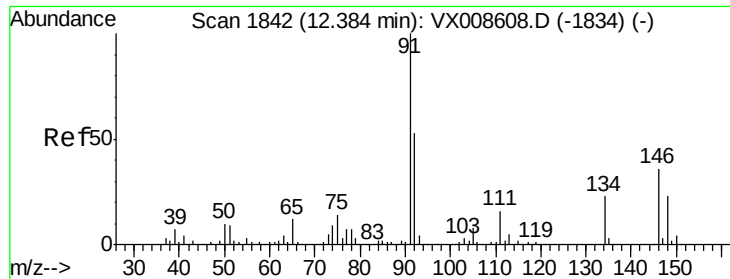
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	63.9	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 48.775 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	63.5	32.0	96.0

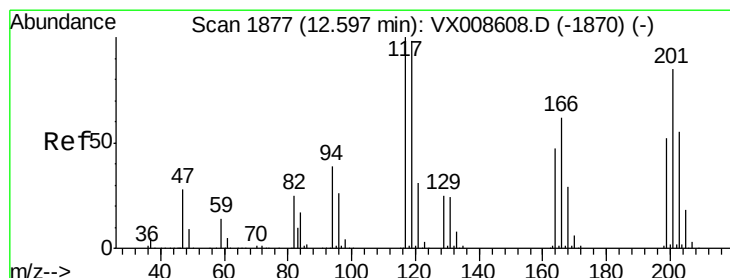
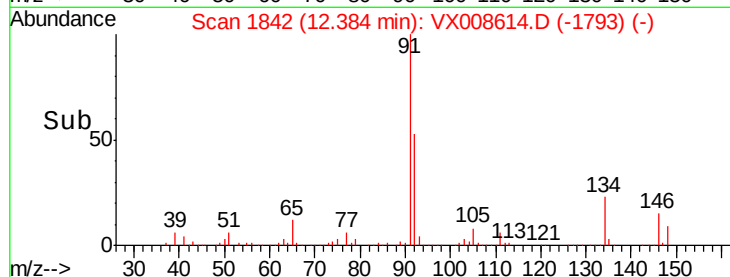
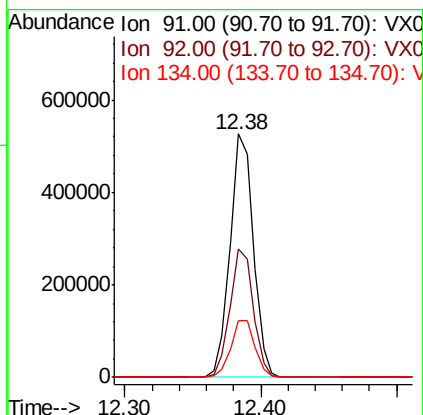
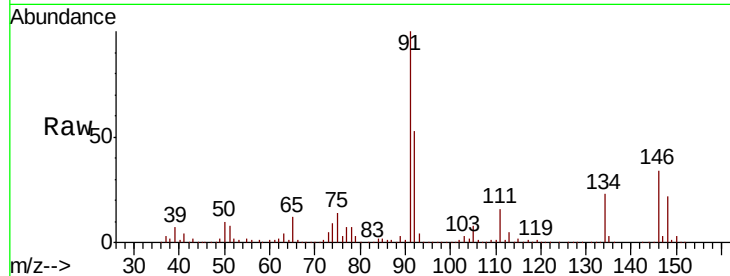




#89
n-Butylbenzene
Concen: 53.132 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

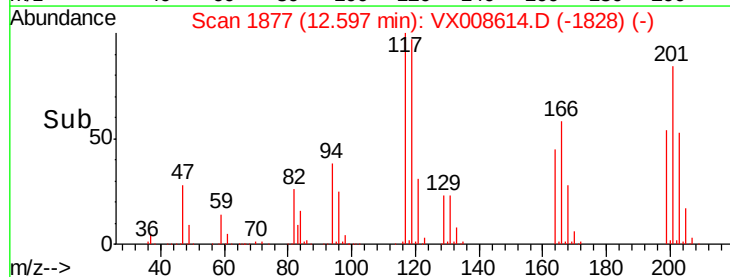
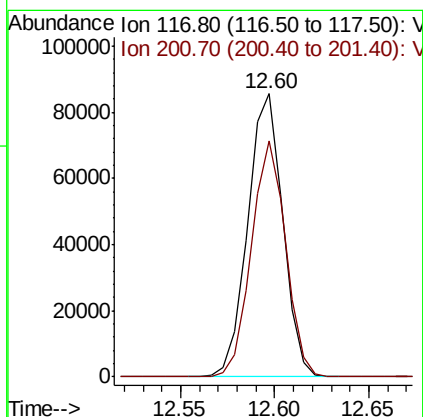
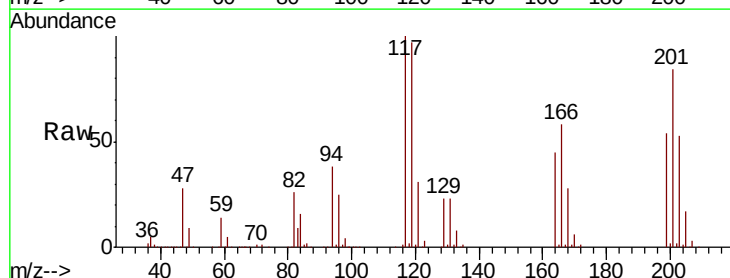
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

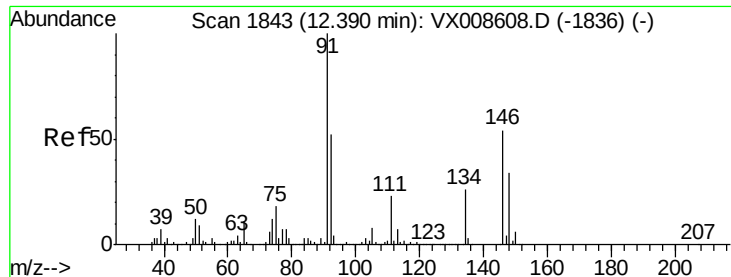
Tot Ion: 91 Resp: 627876
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 24.2 12.0 36.0



#90
Hexachloroethane
Concen: 52.668 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 117 Resp: 110075
Ion Ratio Lower Upper
117 100
201 81.6 40.6 122.0

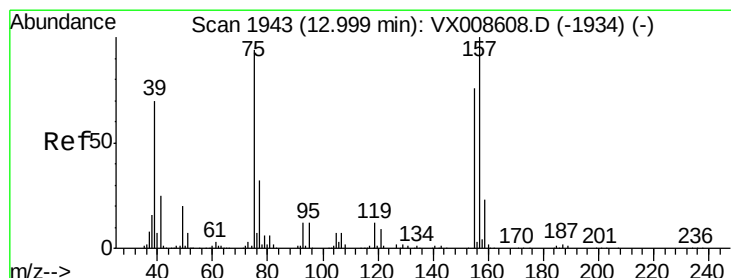
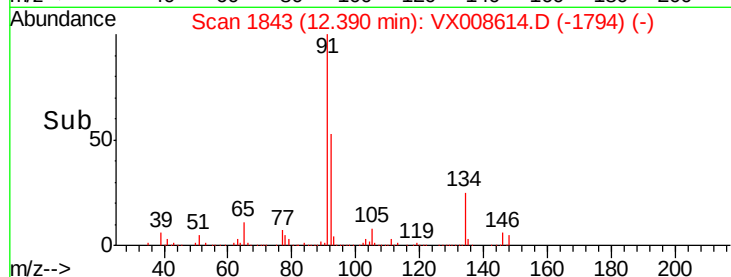
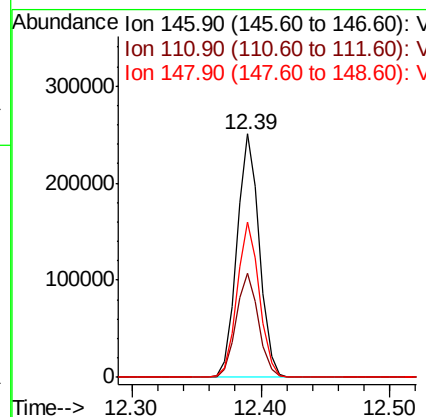
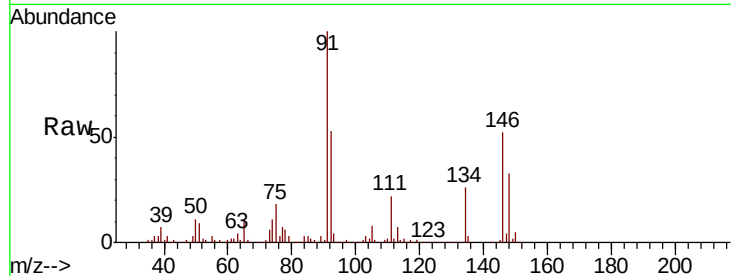




#91
 1,2-Dichlorobenzene
 Concen: 48.611 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

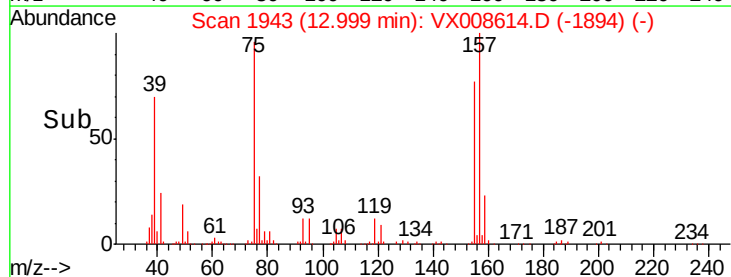
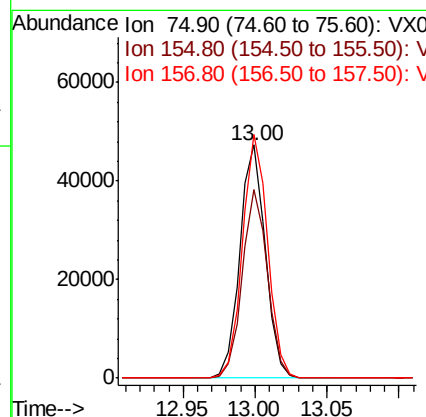
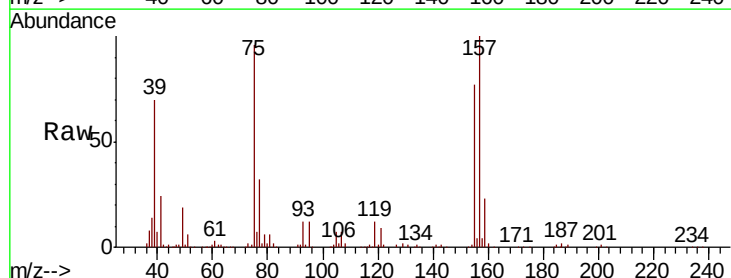
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

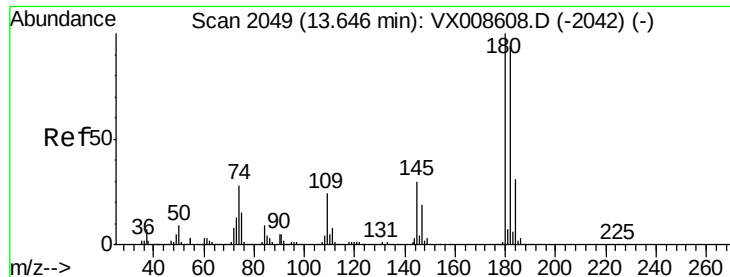
Tot Ion:146 Resp: 304009
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.9
 148 63.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.747 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion: 75 Resp: 58464
 Ion Ratio Lower Upper
 75 100
 155 79.4 39.9 119.6
 157 102.4 51.5 154.7

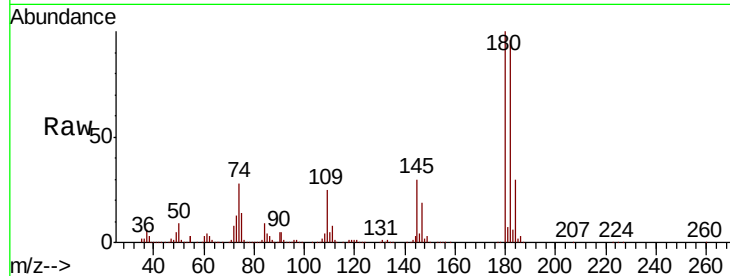




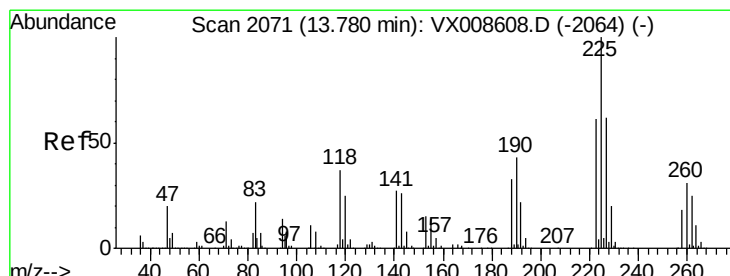
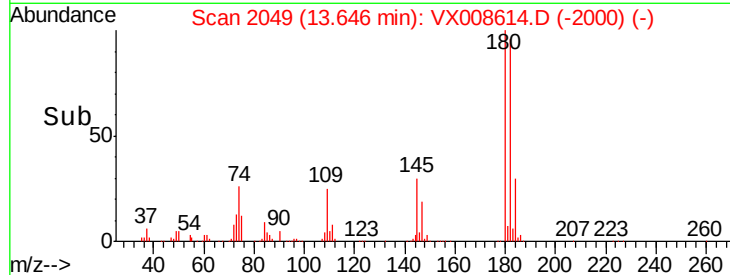
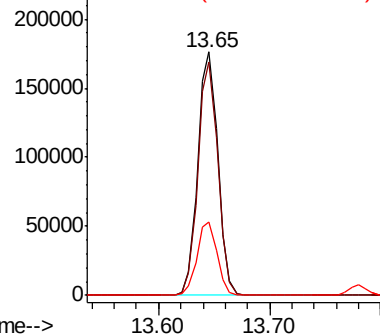
#93
 1,2,4-Trichlorobenzene
 Concen: 50.405 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Tot Ion:180 Resp: 219175
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.2 141.6
 145 30.0 15.3 45.9

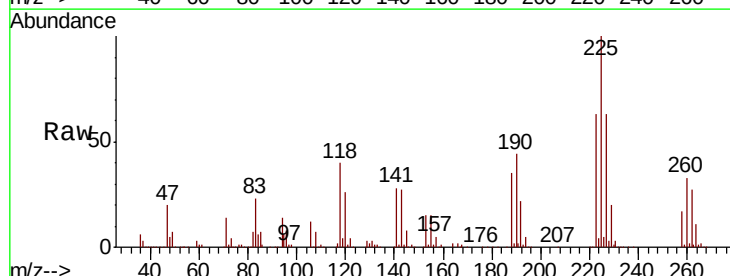


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

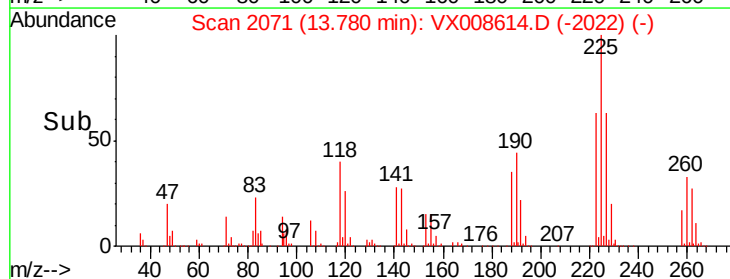
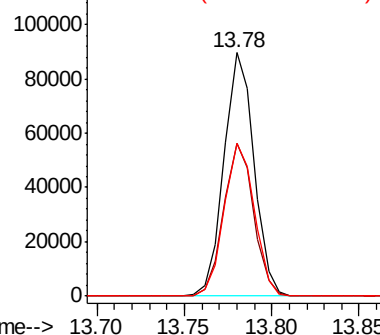


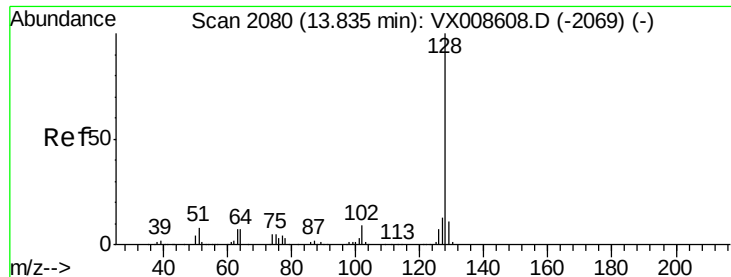
#94
 Hexachlorobutadiene
 Concen: 51.328 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion:225 Resp: 107036
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 63.2 31.9 95.5



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: 49.194 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

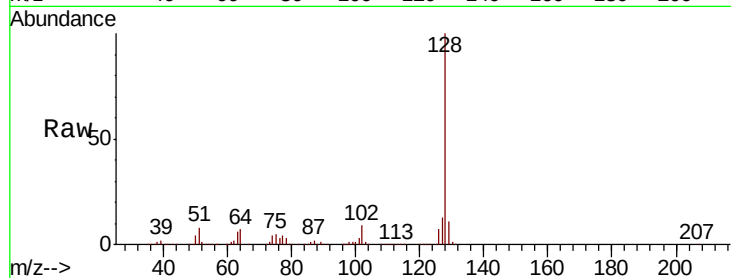
MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion:128 Resp: 714930

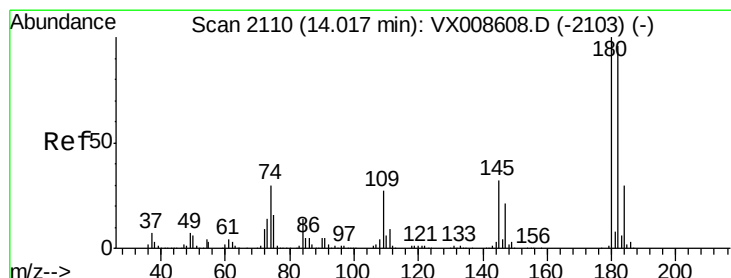
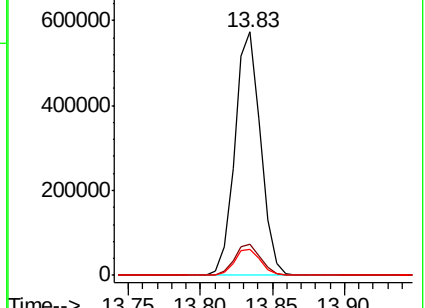
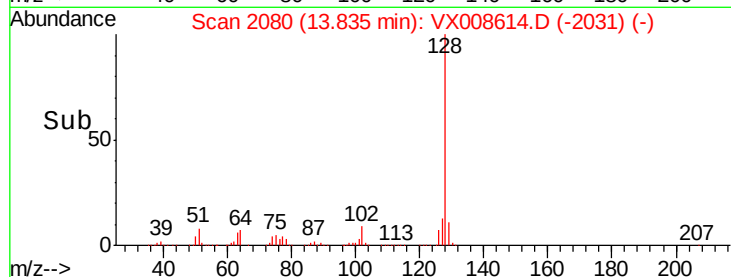
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0



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: 49.099 ug/l

RT: 14.02 min Scan# 2110

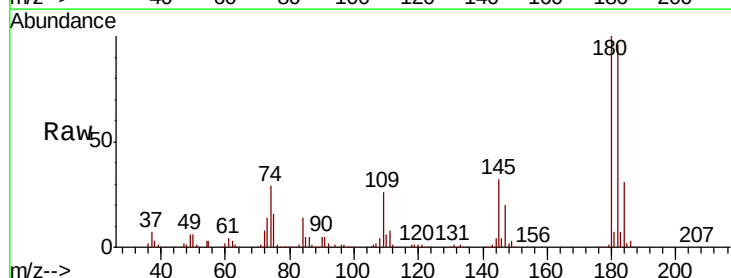
Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion:180 Resp: 213310

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	31.8	16.3	48.8



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

