

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007668.D
 Acq On : 25 Feb 2019 12:28
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Quant Time: Feb 26 02:14:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	363874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	593961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	536671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	236387	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	193794	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	754914	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	284481	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	177124	52.841	ug/l	97
3) Chloromethane	1.33	50	208917	56.244	ug/l	99
4) Vinyl Chloride	1.41	62	190738	50.051	ug/l	99
5) Bromomethane	1.64	94	124110	51.759	ug/l	97
6) Chloroethane	1.72	64	122356	50.254	ug/l	99
7) Trichlorofluoromethane	1.93	101	294942	50.485	ug/l	100
8) Diethyl Ether	2.19	74	114233	47.644	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172397	48.823	ug/l	93
10) Methyl Iodide	2.51	142	210420	47.858	ug/l	98
11) Tert butyl alcohol	3.07	59	217013	253.762	ug/l	99
12) 1,1-Dichloroethene	2.37	96	163225	51.282	ug/l	92
13) Acrolein	2.30	56	195309	257.011	ug/l	98
14) Allyl chloride	2.73	41	302177	51.345	ug/l	98
15) Acrylonitrile	3.15	53	511541	254.181	ug/l	99
16) Acetone	2.45	43	514625	256.751	ug/l	97
17) Carbon Disulfide	2.57	76	463088	52.296	ug/l	100
18) Methyl Acetate	2.78	43	220604	50.438	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	571958	51.603	ug/l	98
20) Methylene Chloride	2.86	84	174829	47.237	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	171186	49.473	ug/l	96
22) Diisopropyl ether	3.87	45	630075	51.429	ug/l	97
23) Vinyl Acetate	3.82	43	2821946	262.537	ug/l	99
24) 1,1-Dichloroethane	3.70	63	333191	50.041	ug/l	99
25) 2-Butanone	4.70	43	807165	264.368	ug/l	98
26) 2,2-Dichloropropane	4.59	77	274477	51.643	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	214535	48.726	ug/l	95
28) Bromochloromethane	5.02	49	164862	50.860	ug/l	87
29) Tetrahydrofuran	5.15	42	526288	261.499	ug/l	98
30) Chloroform	5.21	83	353736	49.597	ug/l	97
31) Cyclohexane	5.57	56	320839	51.227	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	303886	51.519	ug/l	96
36) 1,1-Dichloropropene	5.80	75	267035	50.007	ug/l	97
37) Ethyl Acetate	4.86	43	299406	50.475	ug/l	100
38) Carbon Tetrachloride	5.79	117	256756	47.866	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	335113	49.655	ug/l	98
40) Benzene	6.15	78	811937	49.256	ug/l	98
41) Methacrylonitrile	5.06	41	161977	51.138	ug/l	100
42) 1,2-Dichloroethane	6.20	62	279272	50.406	ug/l	100
43) Isopropyl Acetate	6.46	43	483870	53.002	ug/l	98
44) Trichloroethene	7.21	130	215248	47.468	ug/l	91
45) 1,2-Dichloropropane	7.51	63	209745	49.120	ug/l	97
46) Dibromomethane	7.66	93	140224	47.072	ug/l	91
47) Bromodichloromethane	7.90	83	261255	50.608	ug/l	99
48) Methyl methacrylate	7.77	41	244151	51.019	ug/l	97
49) 1,4-Dioxane	7.75	88	102164	988.452	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1577822	258.195	ug/l	100
52) Toluene	8.79	92	507020	48.777	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	308193	48.132	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	328868	52.495	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	210630	48.593	ug/l	96
56) Ethyl methacrylate	9.18	69	321886	52.219	ug/l	98
57) 1,3-Dichloropropane	9.37	76	347710	50.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	893392	262.825	ug/l	96
59) 2-Hexanone	9.49	43	1243426	259.173	ug/l	100
60) Dibromochloromethane	9.59	129	212550	50.960	ug/l	97
61) 1,2-Dibromoethane	9.67	107	224950	49.984	ug/l	99
64) Tetrachloroethene	9.34	164	205429	47.152	ug/l	95
65) Chlorobenzene	10.14	112	563552	48.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	202889	50.111	ug/l	98
67) Ethyl Benzene	10.25	91	969519	50.423	ug/l	98
68) m/p-Xylenes	10.36	106	765224	102.300	ug/l	96
69) o-Xylene	10.70	106	364046	50.597	ug/l	95
70) Styrene	10.71	104	609515	51.538	ug/l	98
71) Bromoform	10.86	173	153771	50.647	ug/l #	99
73) Isopropylbenzene	11.02	105	994113	50.558	ug/l	99
74) N-amyl acetate	10.90	43	455886	53.390	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	324710	47.746	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	395795	67.493	ug/l	76
77) Bromobenzene	11.26	156	240218	48.707	ug/l	84
78) n-propylbenzene	11.36	91	1168660	52.597	ug/l	96
79) 2-Chlorotoluene	11.42	91	674677	50.429	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	836426	51.715	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	105450	48.296	ug/l	97
82) 4-Chlorotoluene	11.51	91	817022	52.203	ug/l	95
83) tert-Butylbenzene	11.77	119	810474	52.191	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	857162	51.811	ug/l	98
85) sec-Butylbenzene	11.94	105	1011065	51.957	ug/l	98
86) p-Isopropyltoluene	12.06	119	895844	52.567	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	450006	49.191	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	460886	49.193	ug/l	97
89) n-Butylbenzene	12.39	91	811118	53.368	ug/l	98
90) Hexachloroethane	12.60	117	143299	49.904	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	446573	48.788	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72464	48.903	ug/l	84

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Quant Title : SW846 8260
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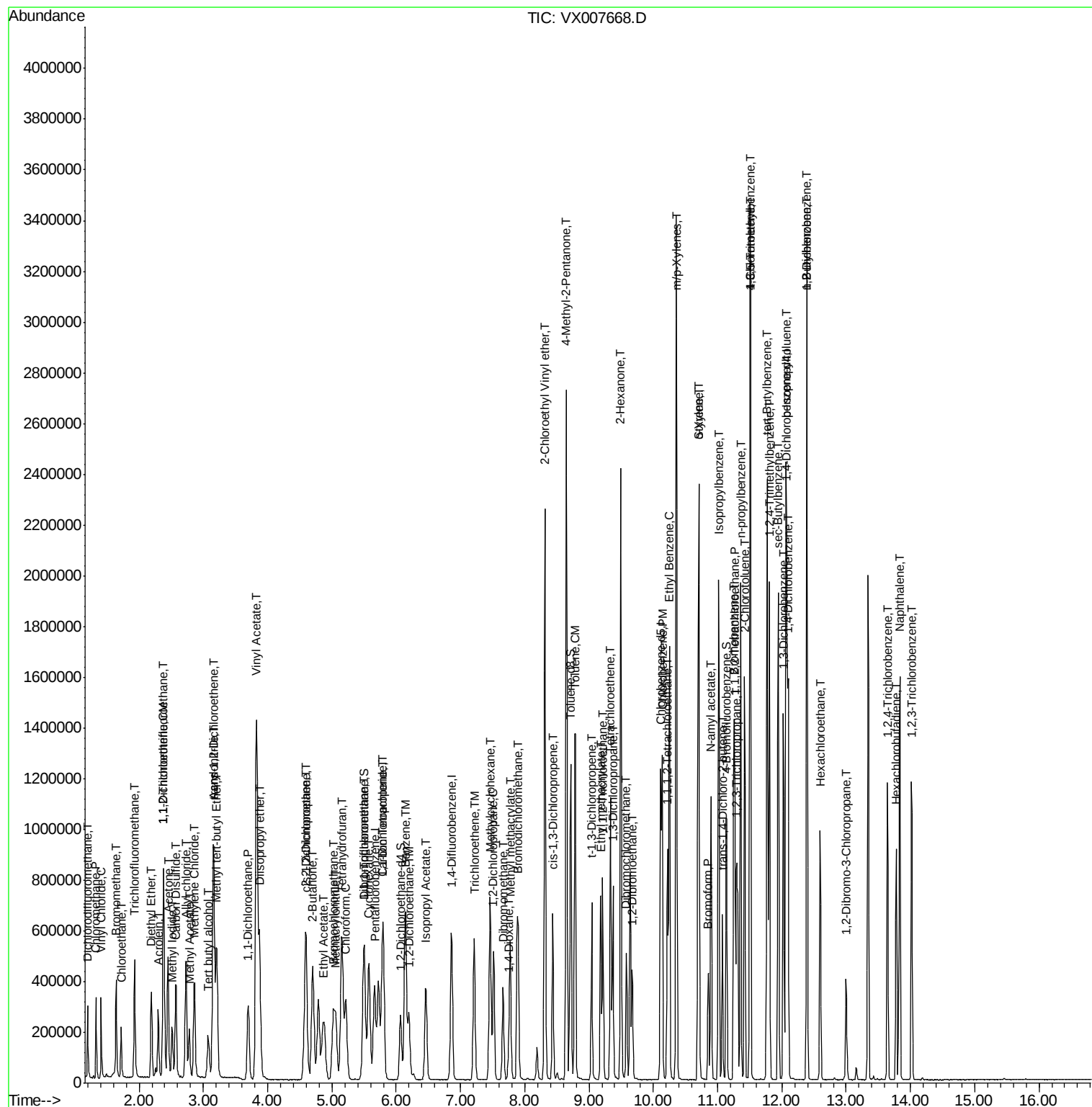
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277166	49.607	ug/l	98
94) Hexachlorobutadiene	13.78	225	117806	46.090	ug/l	99
95) Naphthalene	13.83	128	949004	52.426	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274208	48.877	ug/l	98

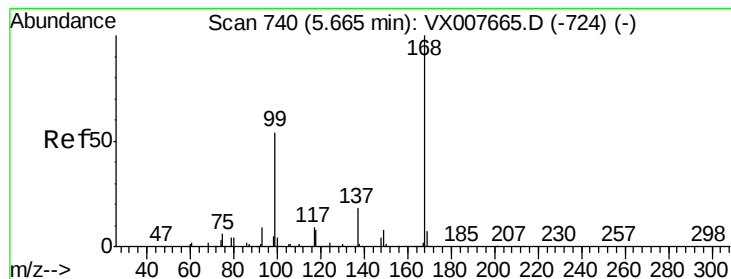
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

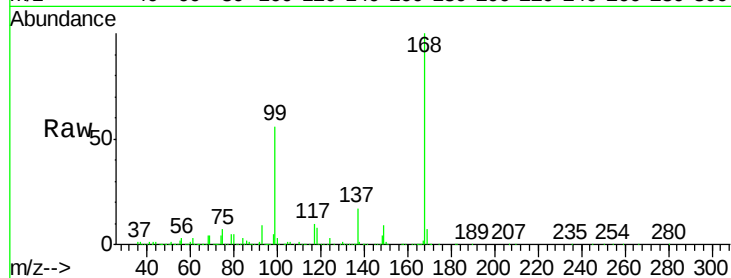
ICVVX022519

Tot Ion:168 Resp: 363874

Ion Ratio Lower Upper

168 100

99 55.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

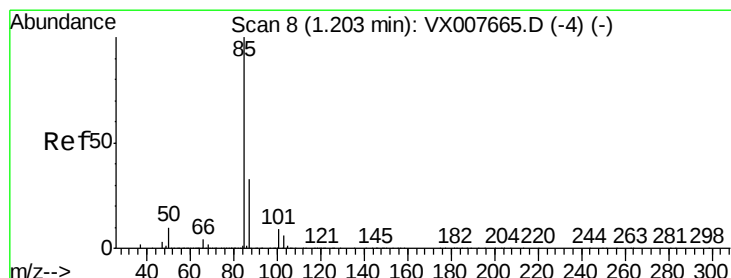
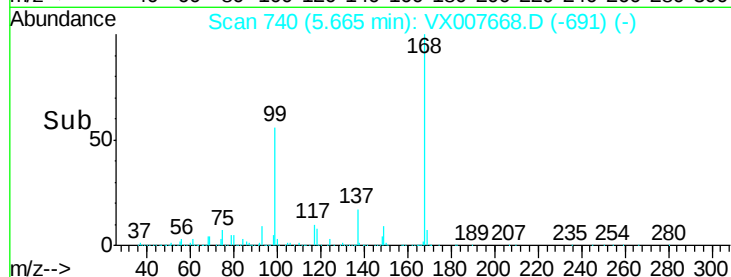
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.841 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007668.D

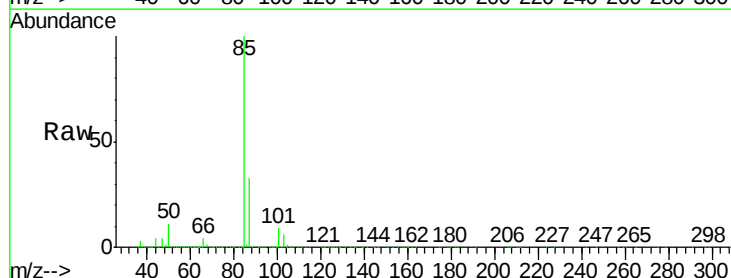
Acq: 25 Feb 2019 12:28

Tgt Ion: 85 Resp: 177124

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

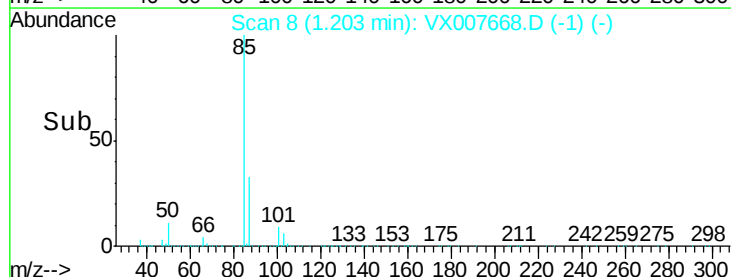
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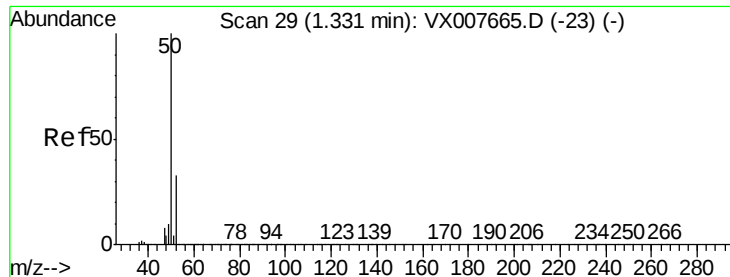
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 56.244 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

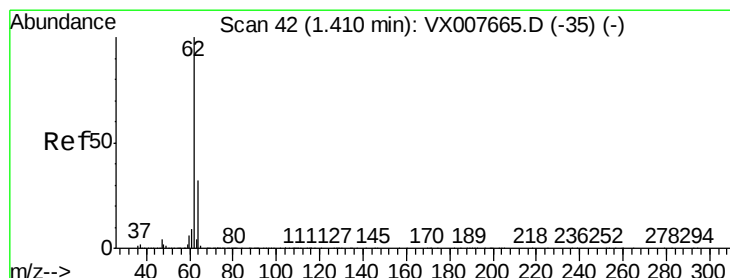
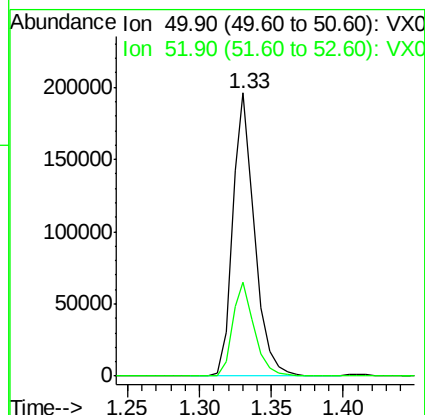
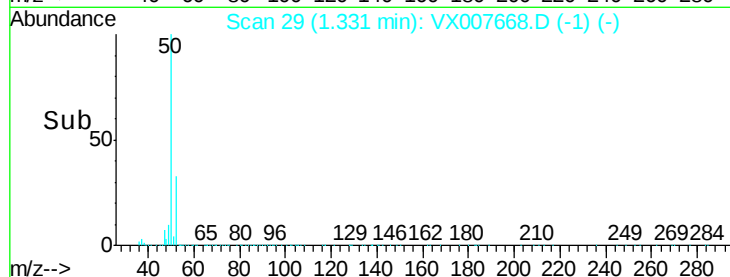
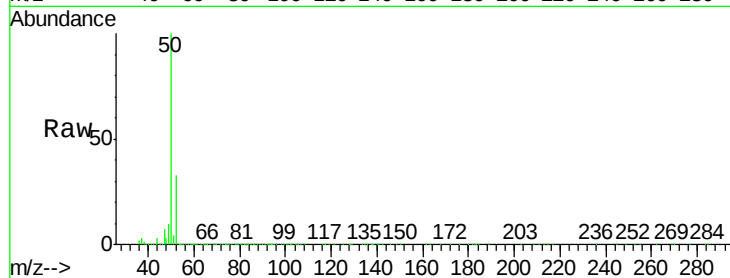
ICVVX022519

Tot Ion: 50 Resp: 208917

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 50.051 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007668.D

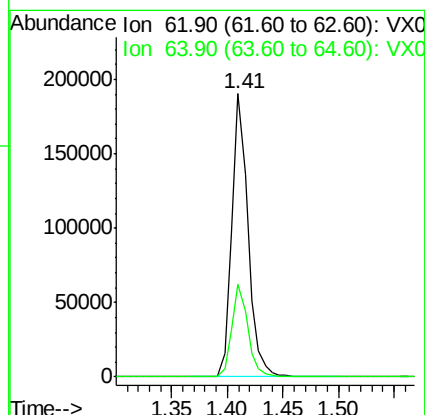
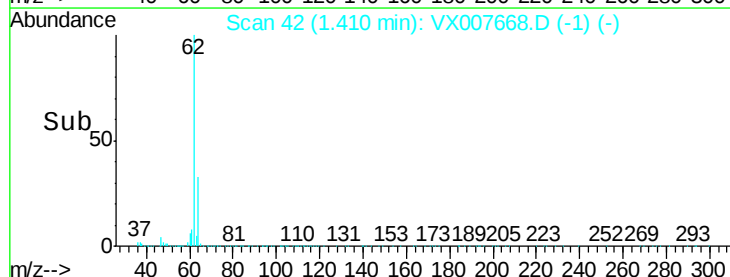
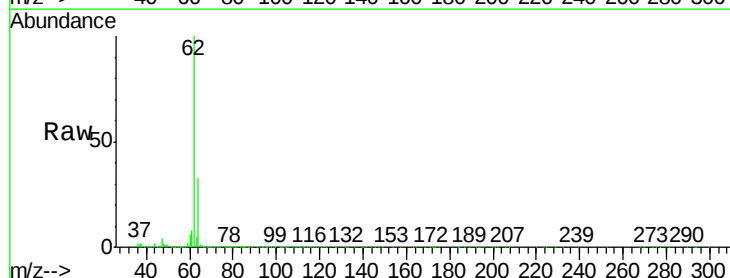
Acq: 25 Feb 2019 12:28

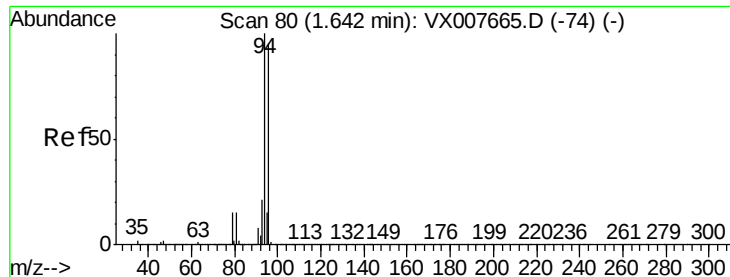
Tgt Ion: 62 Resp: 190738

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 51.759 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

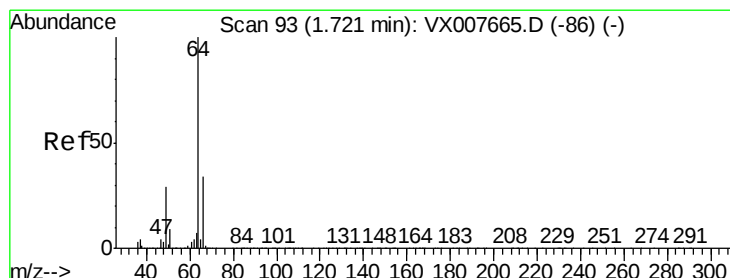
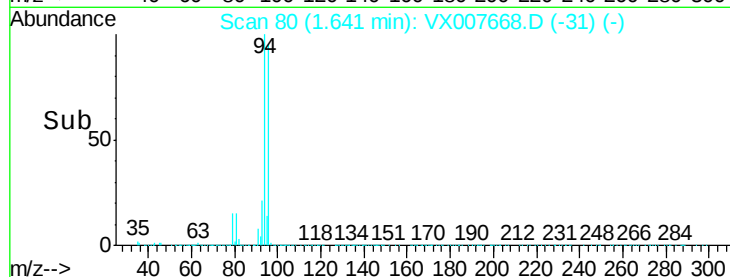
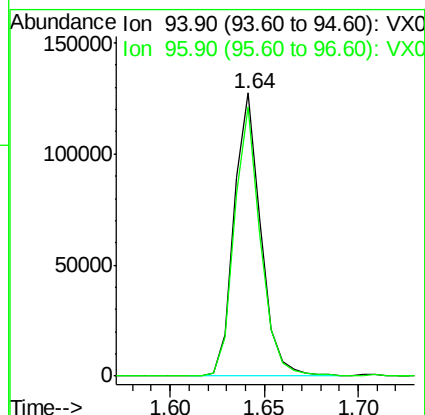
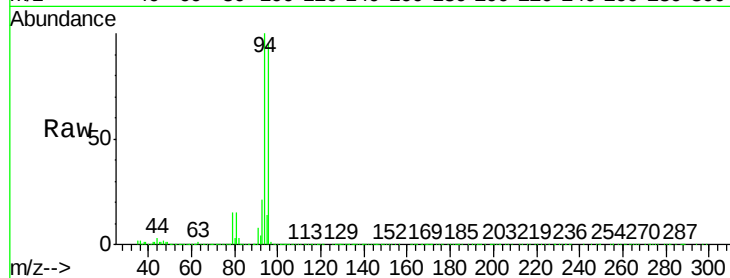
ICVVX022519

Tot Ion: 94 Resp: 124110

Ion Ratio Lower Upper

94 100

96 95.1 73.9 110.9



#6

Chloroethane

Concen: 50.254 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007668.D

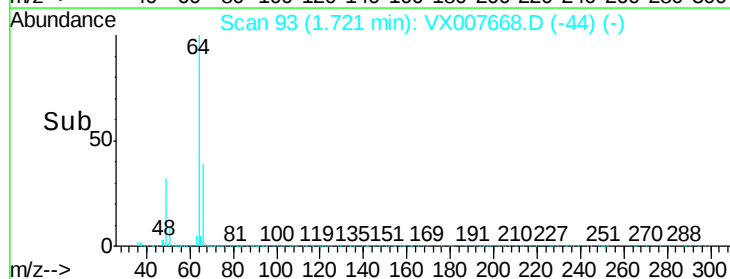
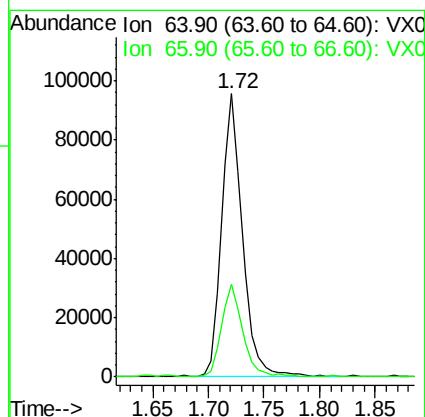
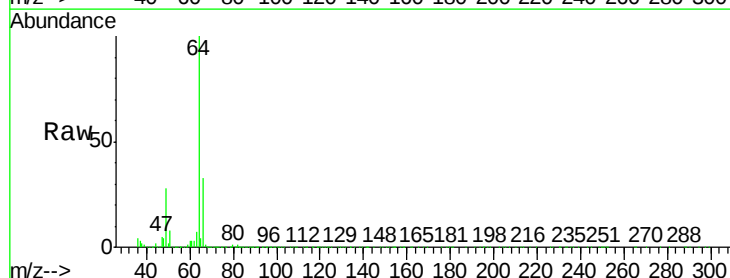
Acq: 25 Feb 2019 12:28

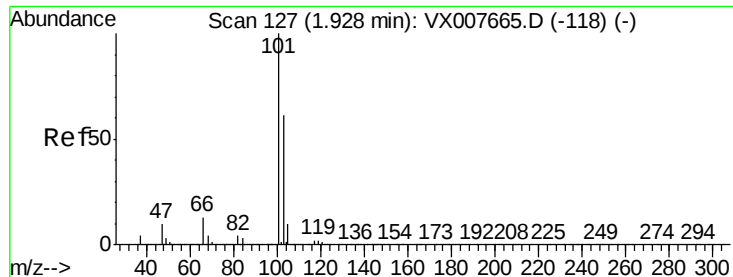
Tgt Ion: 64 Resp: 122356

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3



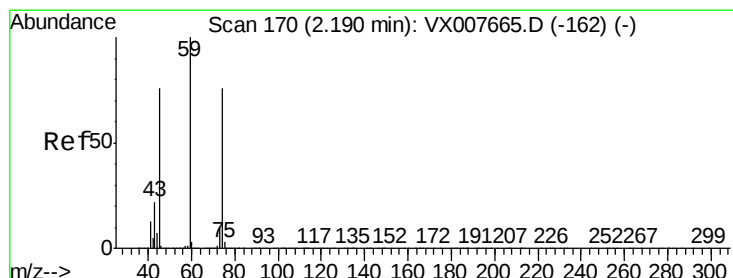
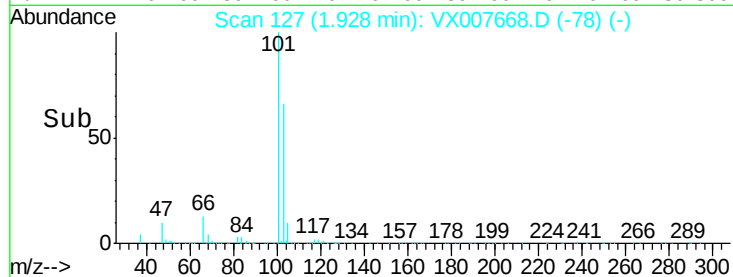
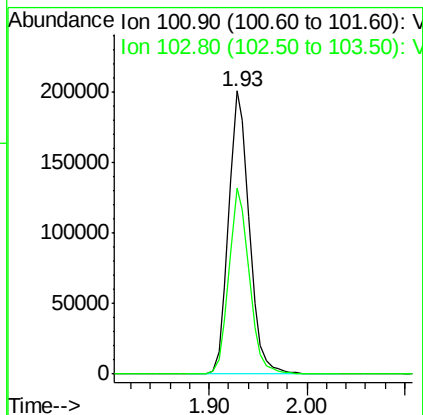
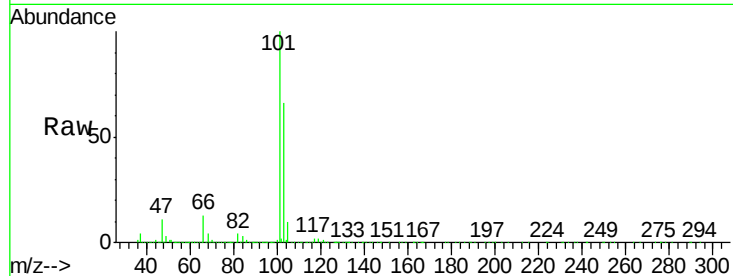


#7

Trichlorofluoromethane
Concen: 50.485 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
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ClientSampleId :
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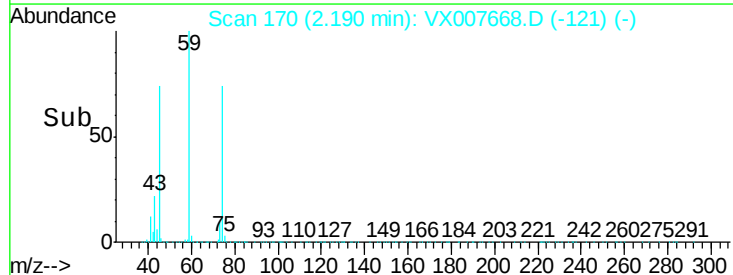
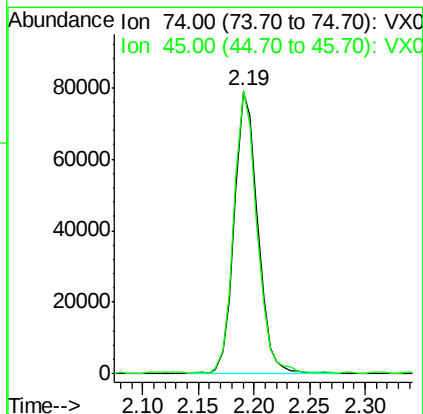
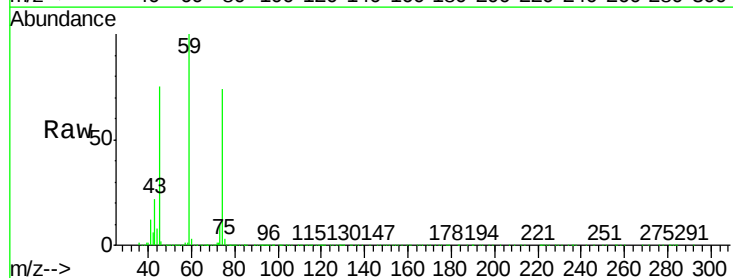
Tot Ion:101 Resp: 294942
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

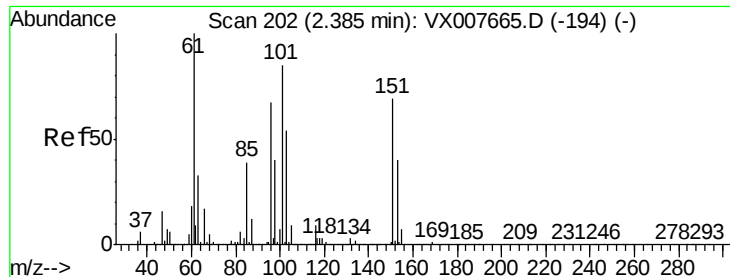


#8

Diethyl Ether
Concen: 47.644 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion: 74 Resp: 114233
Ion Ratio Lower Upper
74 100
45 98.9 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.823 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

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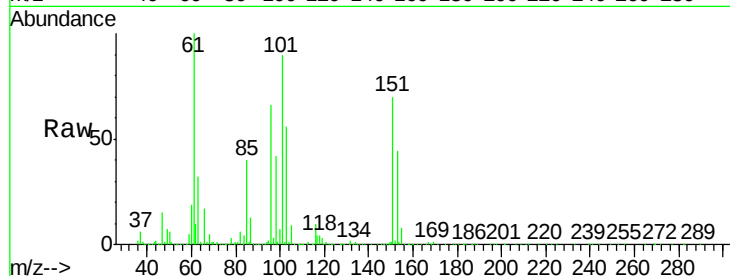
Tot Ion:101 Resp: 172397

Ion Ratio Lower Upper

101 100

85 44.5 34.1 51.1

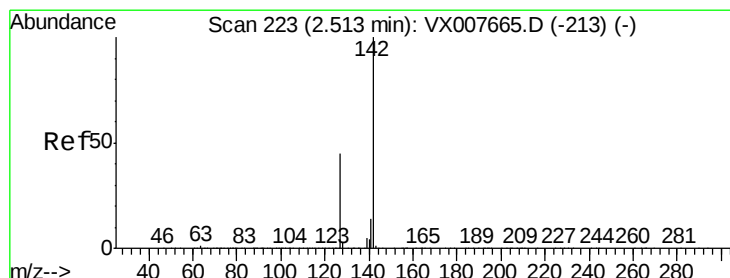
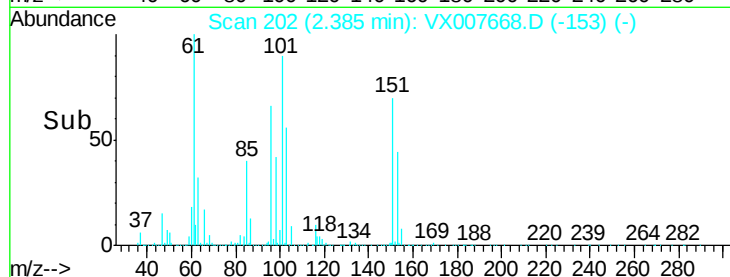
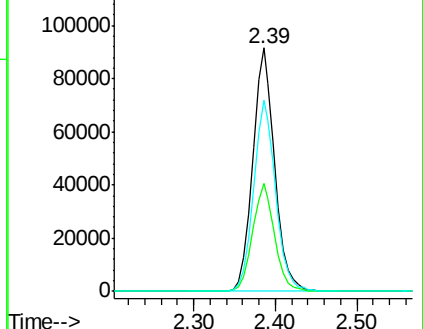
151 79.2 69.9 104.9



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: 47.858 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

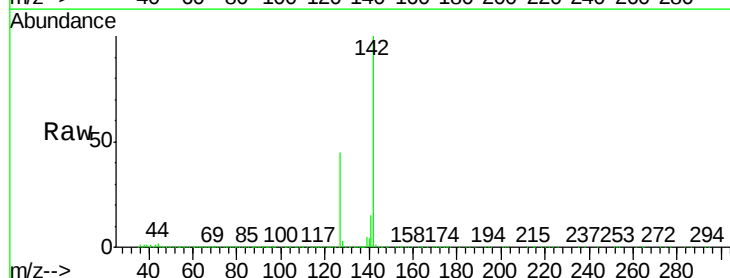
Tgt Ion:142 Resp: 210420

Ion Ratio Lower Upper

142 100

127 43.8 33.7 50.5

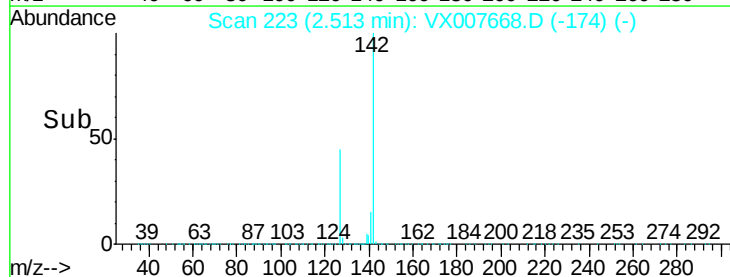
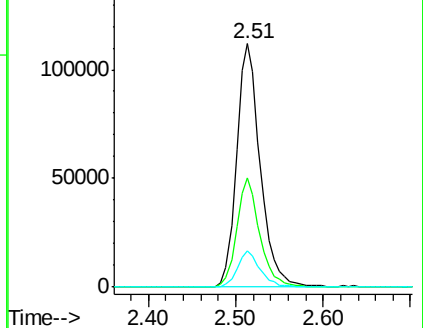
141 14.5 11.3 16.9

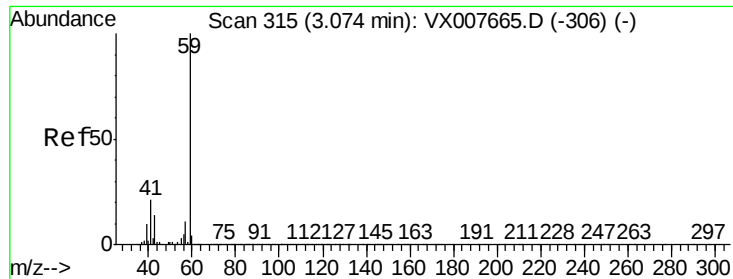


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



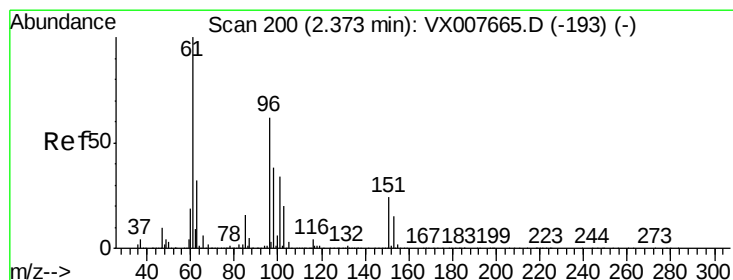
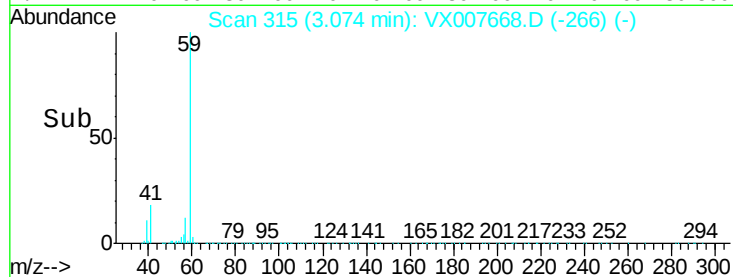
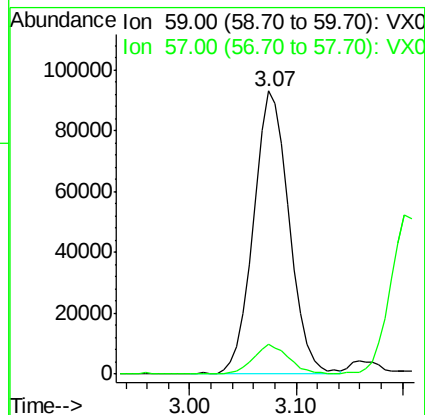
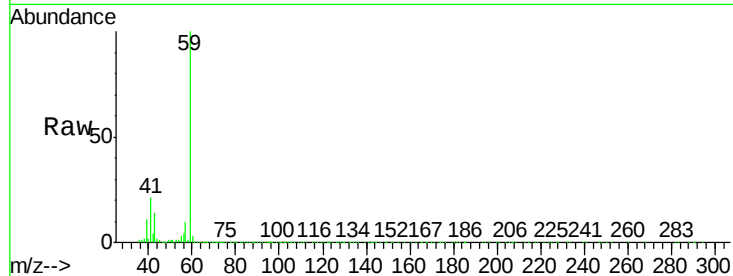


#11

Tert butyl alcohol
Concen: 253.762 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampled :
ICVVX022519

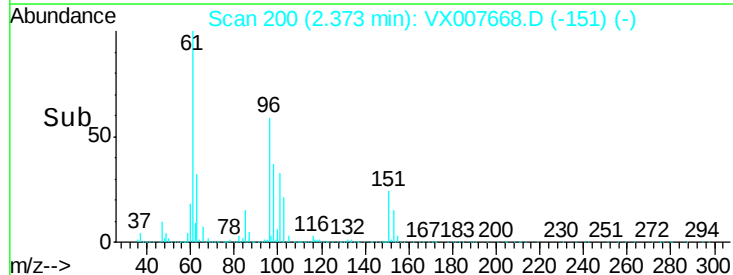
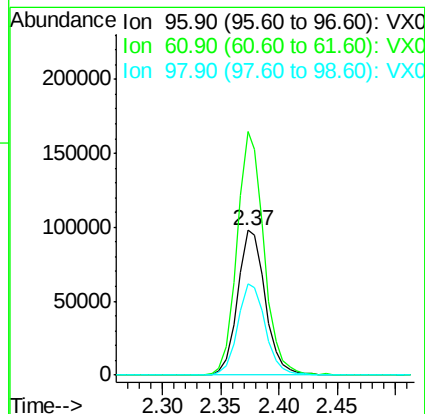
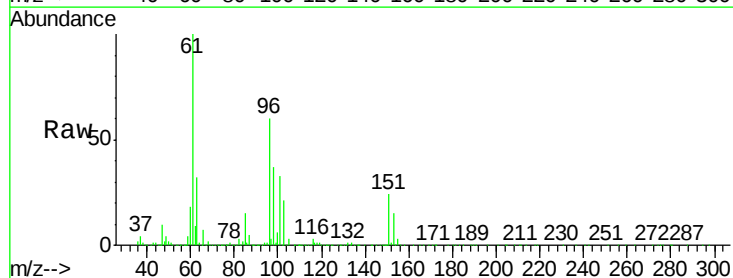
Tot Ion: 59 Resp: 217013
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

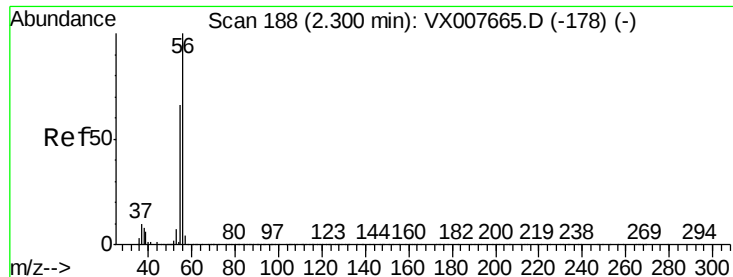


#12

1,1-Dichloroethene
Concen: 51.282 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion: 96 Resp: 163225
Ion Ratio Lower Upper
96 100
61 167.9 123.0 184.4
98 62.6 50.9 76.3





#13

Acrolein

Concen: 257.011 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

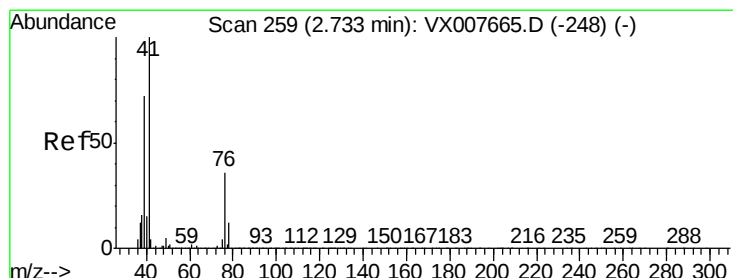
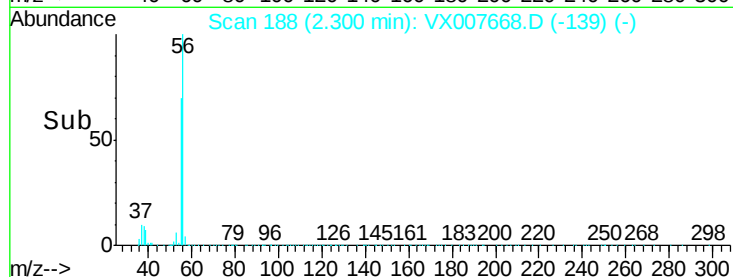
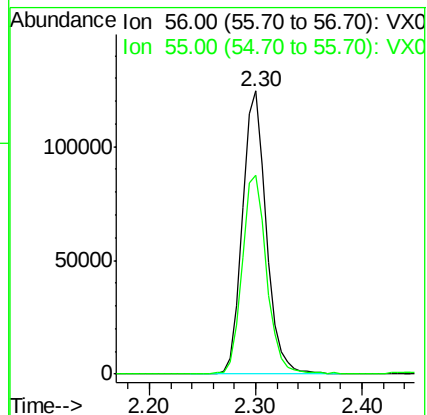
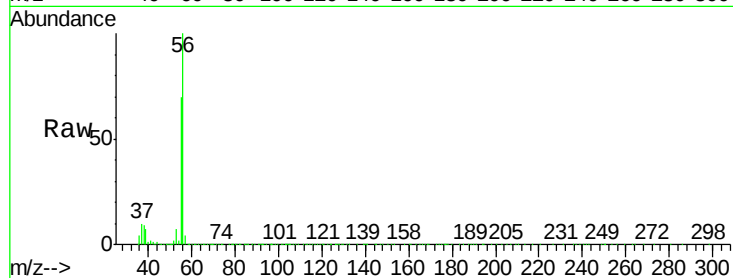
ICVVX022519

Tot Ion: 56 Resp: 195309

Ion Ratio Lower Upper

56 100

55 72.4 56.9 85.3



#14

Allyl chloride

Concen: 51.345 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

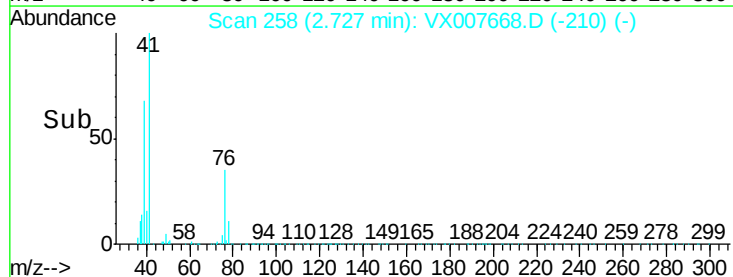
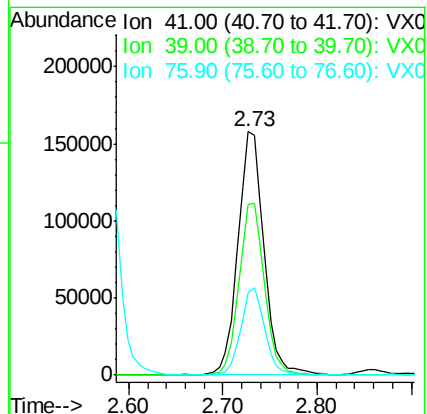
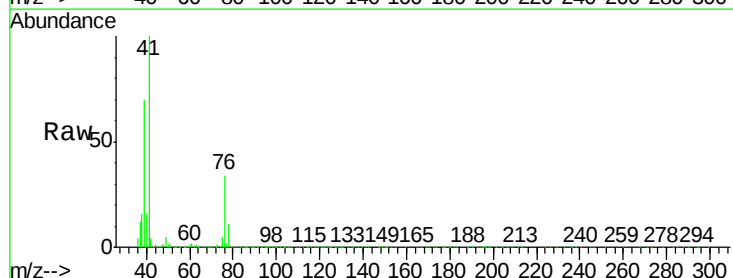
Tgt Ion: 41 Resp: 302177

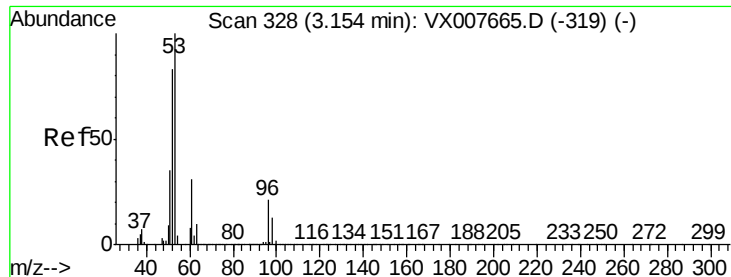
Ion Ratio Lower Upper

41 100

39 68.7 54.1 81.1

76 33.0 27.8 41.8





#15

Acrylonitrile

Concen: 254.181 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

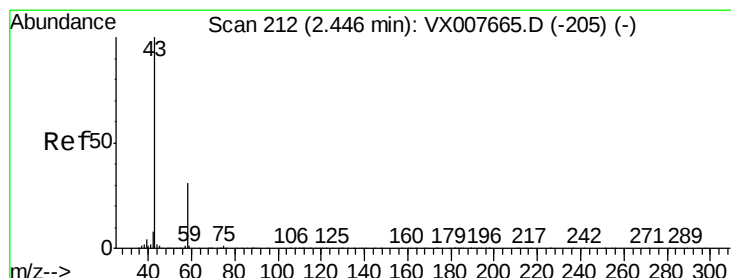
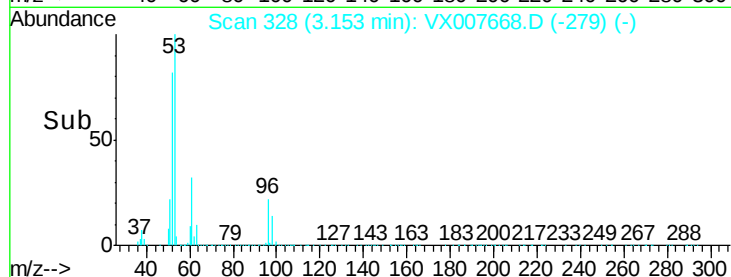
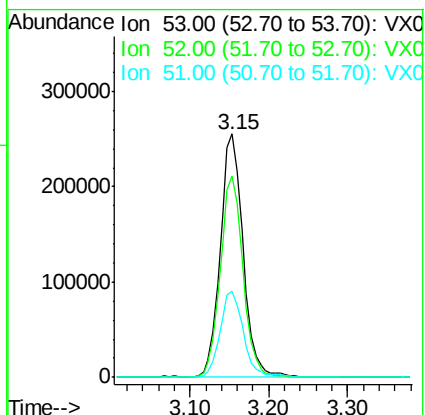
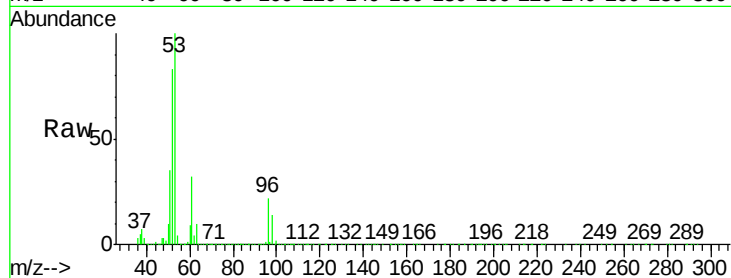
Tot Ion: 53 Resp: 511541

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

51 36.1 28.4 42.6



#16

Acetone

Concen: 256.751 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007668.D

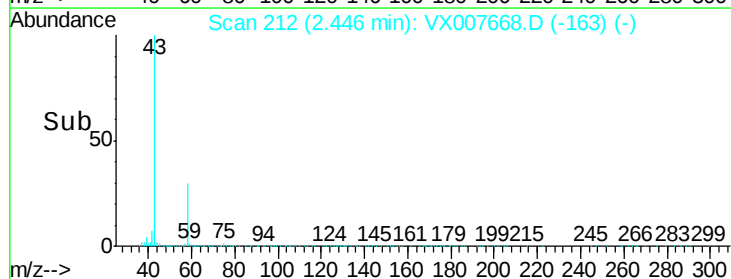
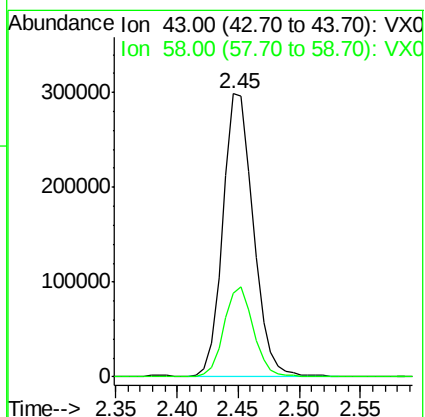
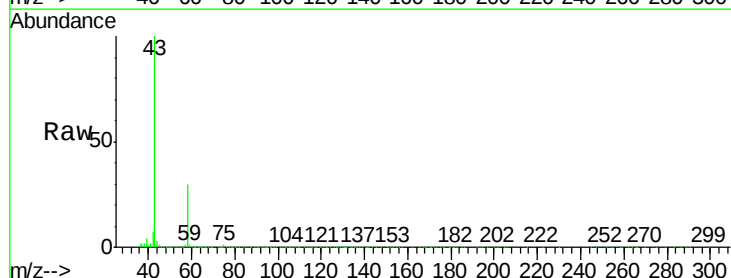
Acq: 25 Feb 2019 12:28

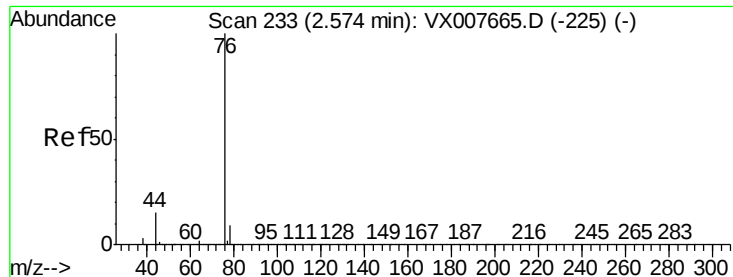
Tgt Ion: 43 Resp: 514625

Ion Ratio Lower Upper

43 100

58 29.6 24.9 37.3





#17

Carbon Disulfide

Concen: 52.296 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

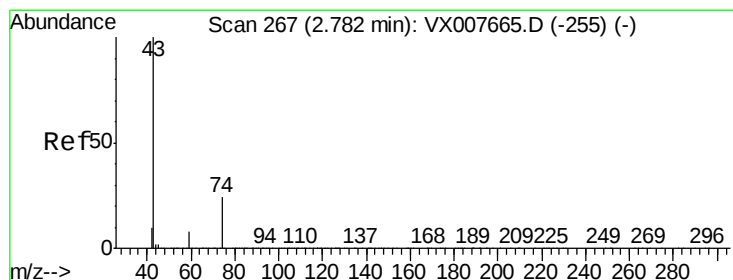
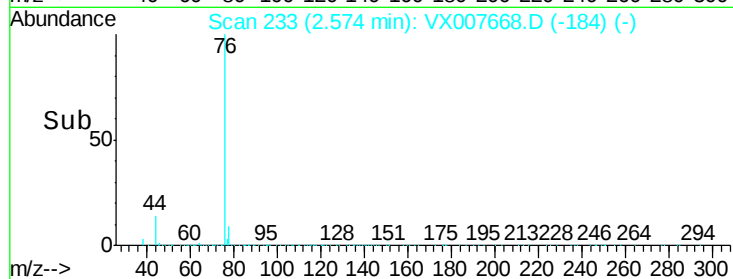
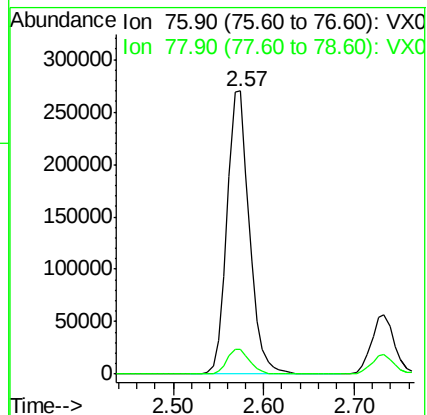
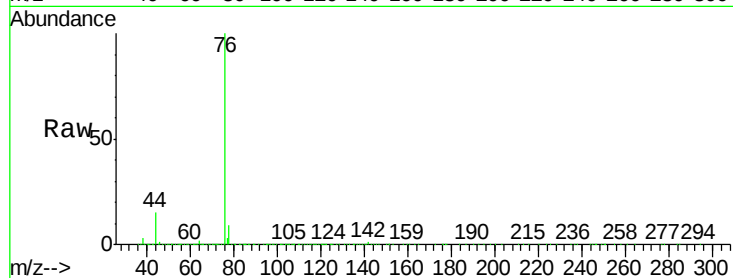
ICVVX022519

Tot Ion: 76 Resp: 463088

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



#18

Methyl Acetate

Concen: 50.438 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007668.D

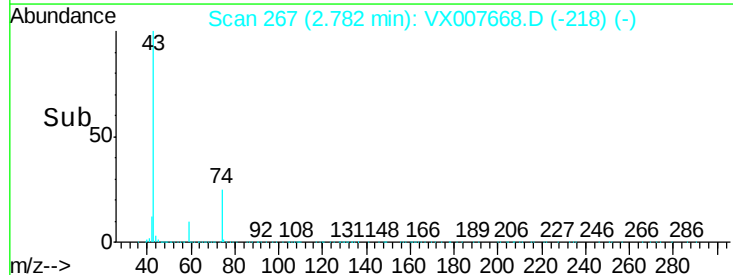
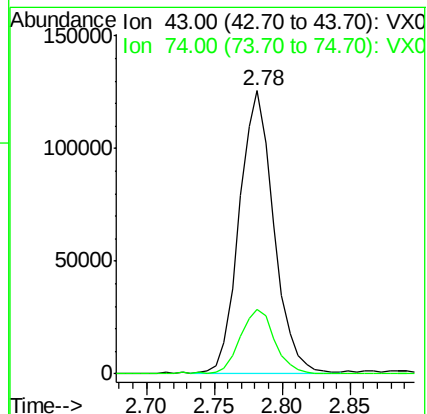
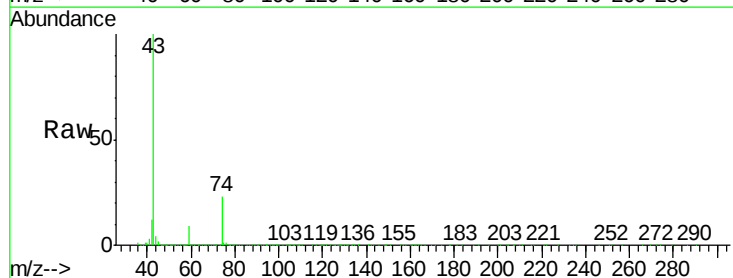
Acq: 25 Feb 2019 12:28

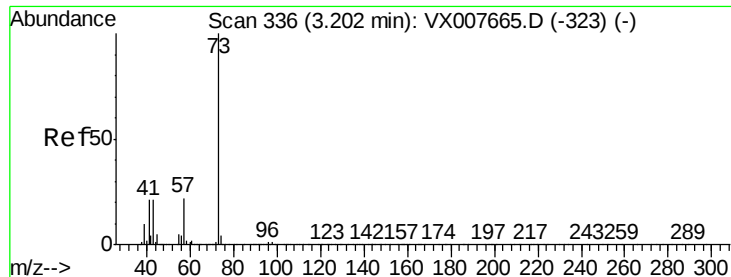
Tgt Ion: 43 Resp: 220604

Ion Ratio Lower Upper

43 100

74 22.4 19.4 29.2



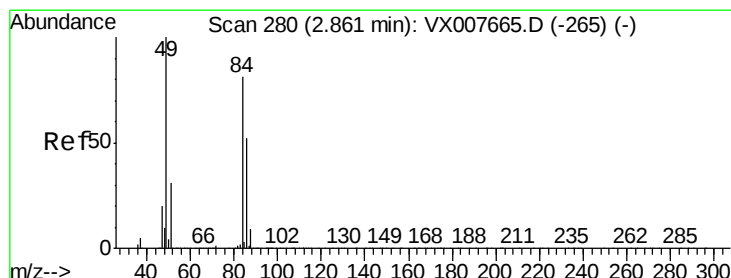
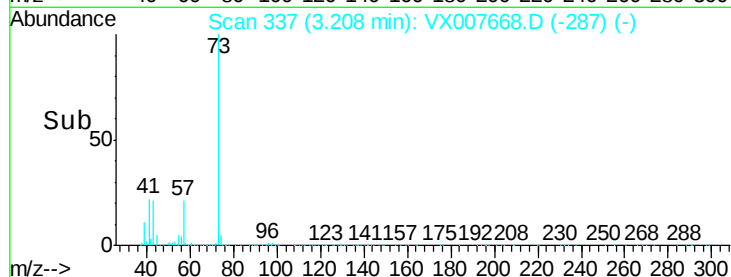
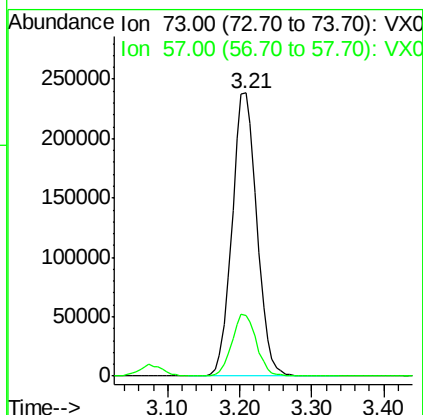
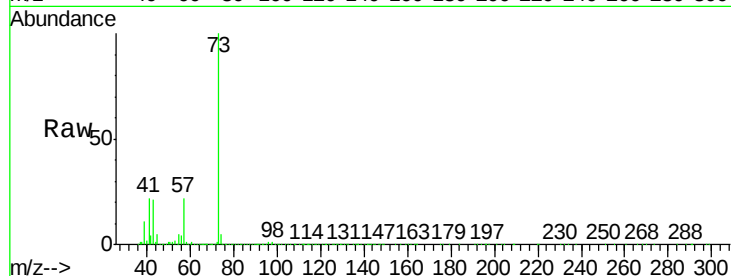


#19

Methyl tert-butyl Ether
 Concen: 51.603 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

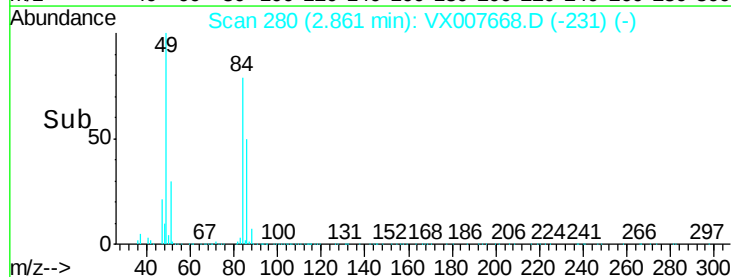
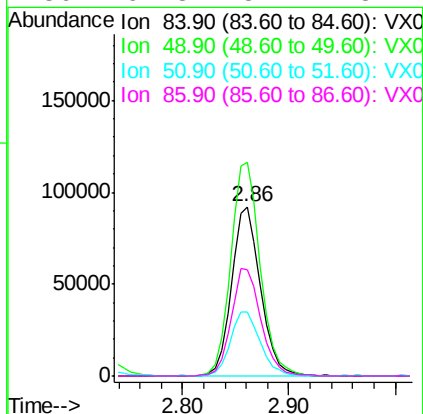
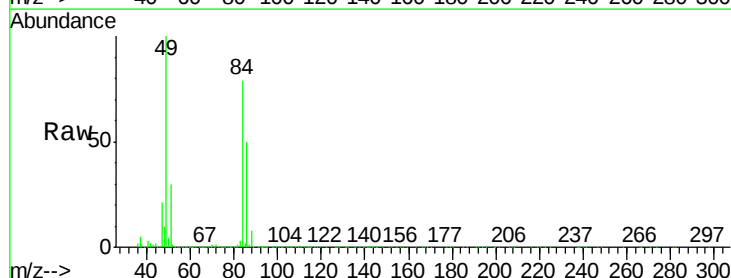
Tot Ion: 73 Resp: 571958
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.8 26.8

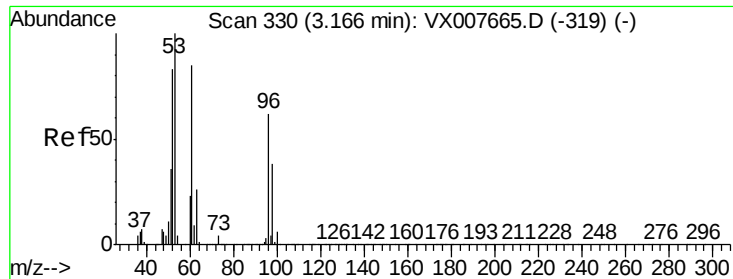


#20

Methylene Chloride
 Concen: 47.237 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion: 84 Resp: 174829
 Ion Ratio Lower Upper
 84 100
 49 125.9 94.8 142.2
 51 37.5 29.8 44.8
 86 62.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 49.473 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

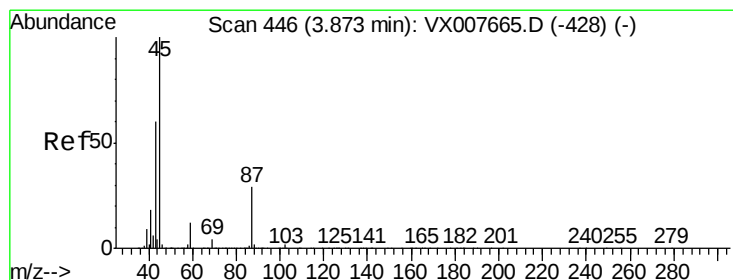
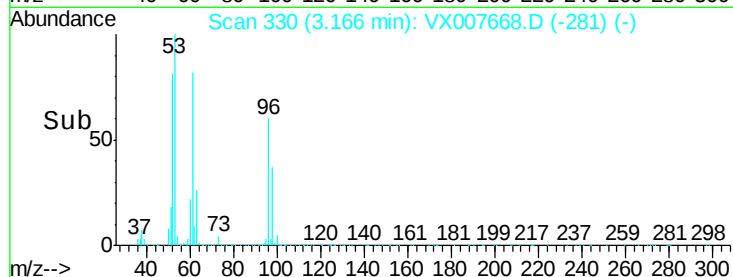
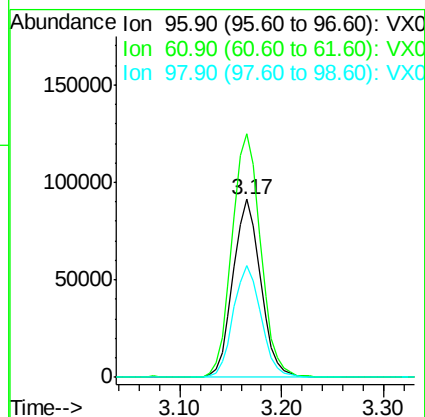
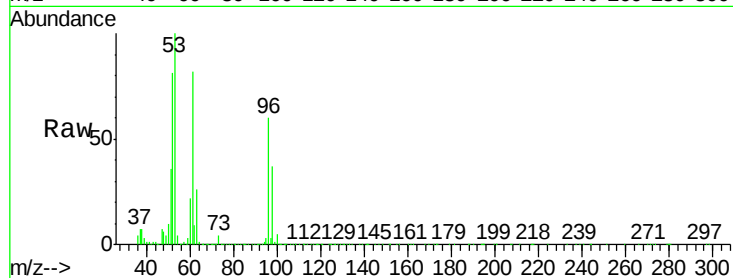
Tot Ion: 96 Resp: 171186

Ion Ratio Lower Upper

96 100

61 136.6 104.6 156.8

98 62.6 51.0 76.4



#22

Diisopropyl ether

Concen: 51.429 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion: 45 Resp: 630075

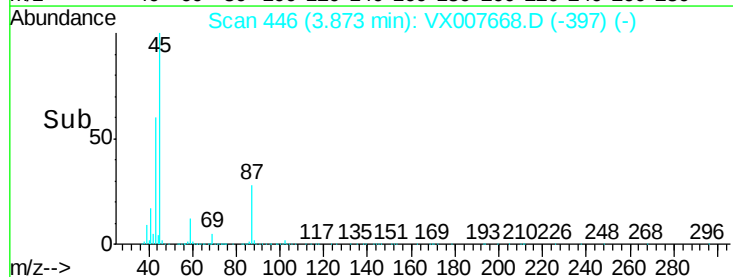
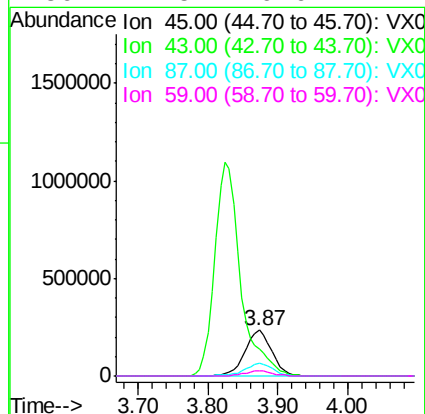
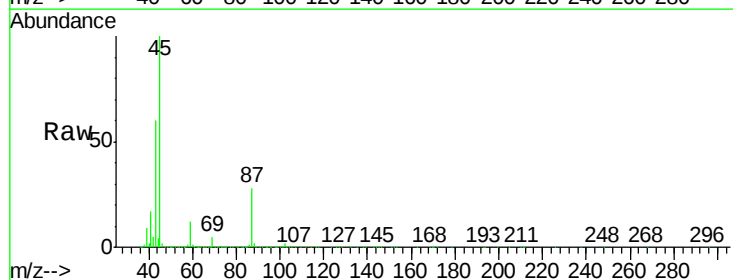
Ion Ratio Lower Upper

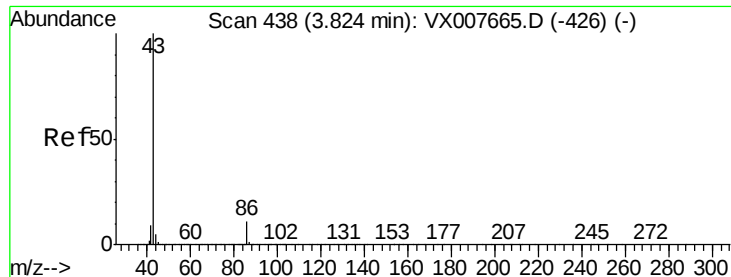
45 100

43 59.5 48.9 73.3

87 27.6 23.9 35.9

59 11.5 9.6 14.4





#23

Vinyl Acetate

Concen: 262.537 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

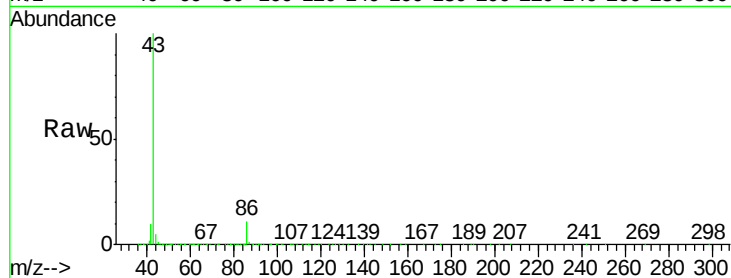
ICVX022519

Tot Ion: 43 Resp: 2821946

Ion Ratio Lower Upper

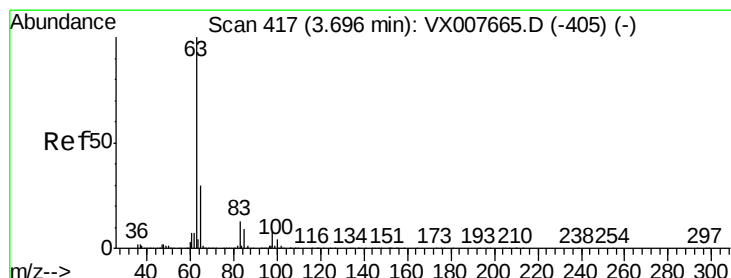
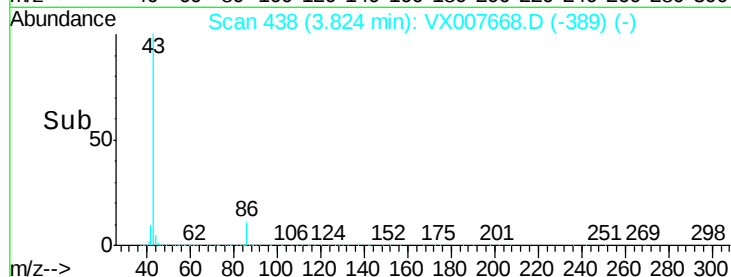
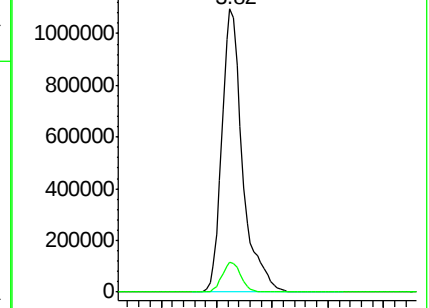
43 100

86 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.041 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

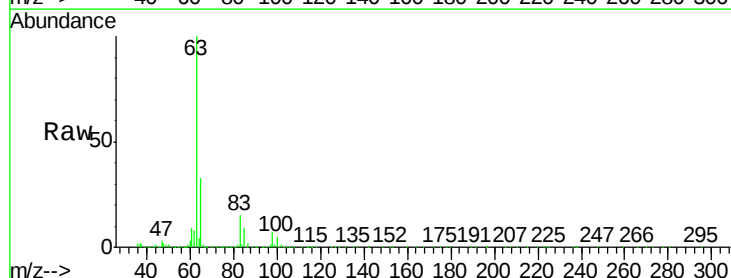
Tgt Ion: 63 Resp: 333191

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

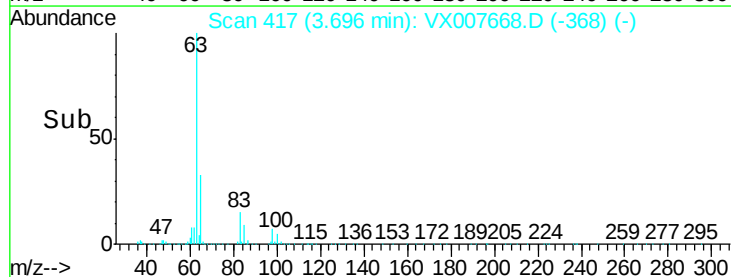
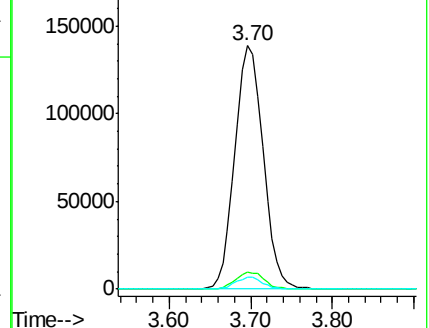
100 4.9 2.5 7.4

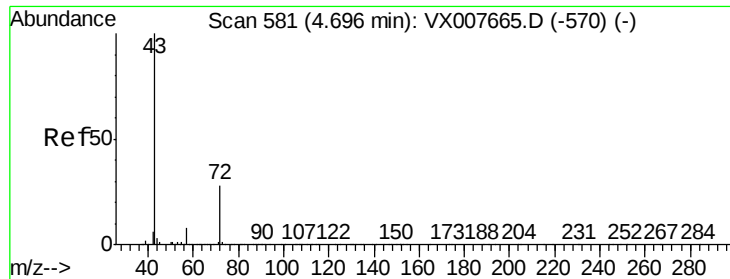


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

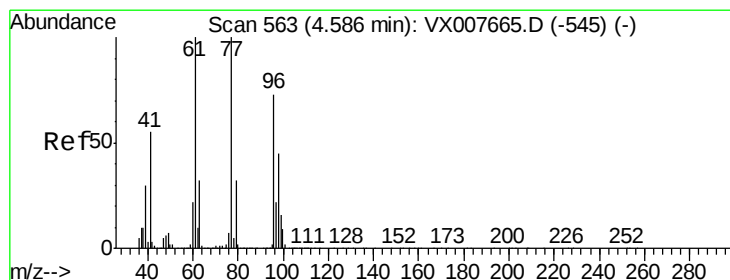
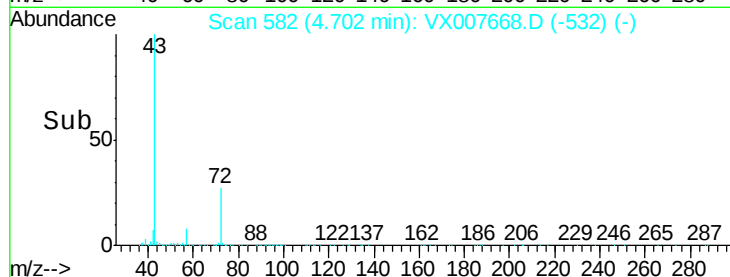
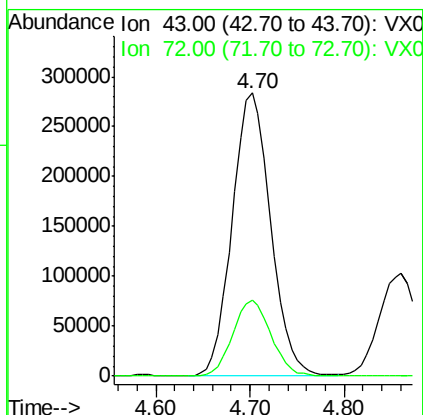
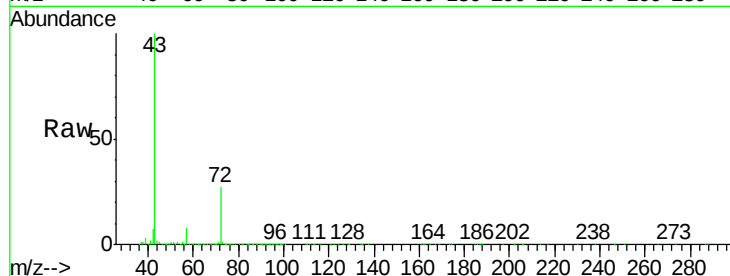




#25
2-Butanone
Concen: 264.368 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

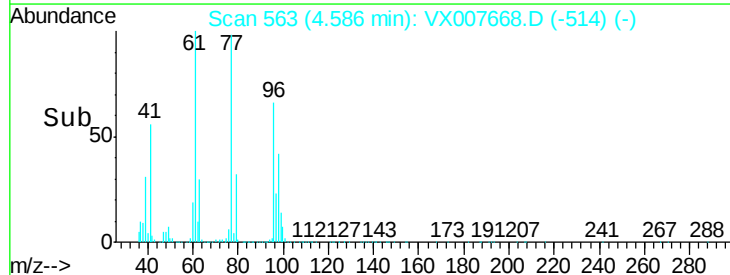
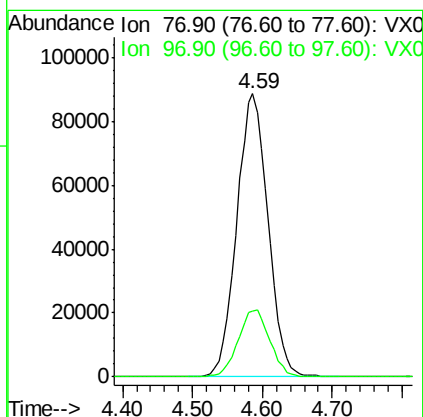
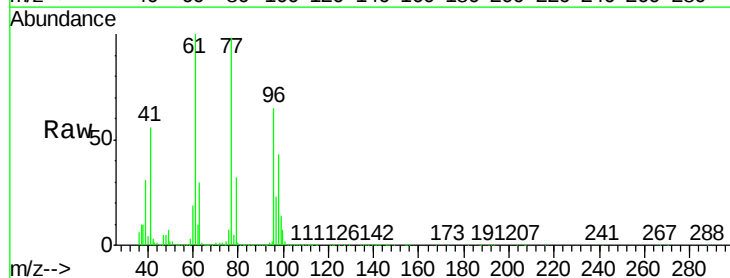
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

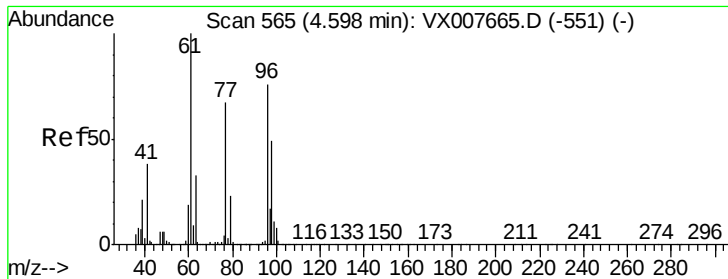
Tot Ion: 43 Resp: 807165
Ion Ratio Lower Upper
43 100
72 26.9 22.2 33.2



#26
2,2-Dichloropropane
Concen: 51.643 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion: 77 Resp: 274477
Ion Ratio Lower Upper
77 100
97 24.0 12.1 36.3



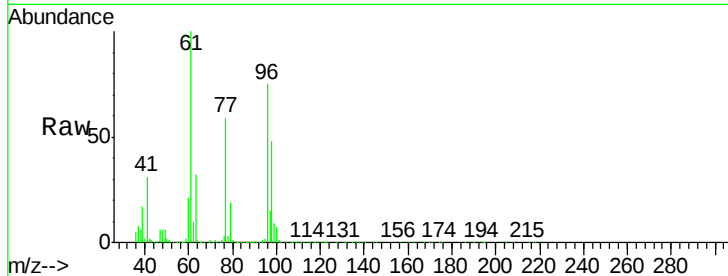


#27

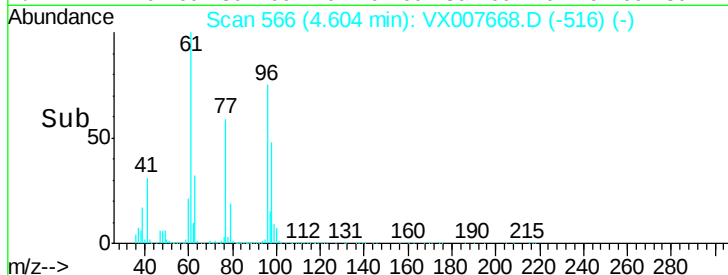
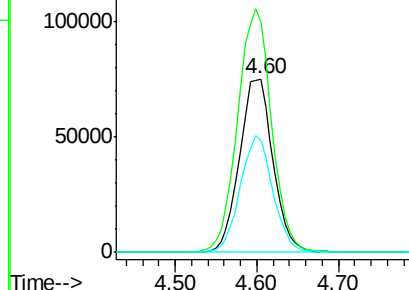
cis-1,2-Dichloroethene
Concen: 48.726 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	265.6
98	65.6	0.0	131.6



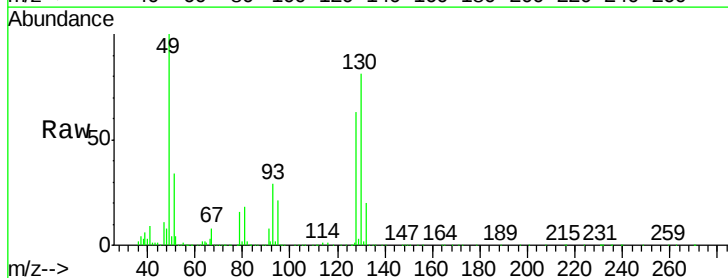
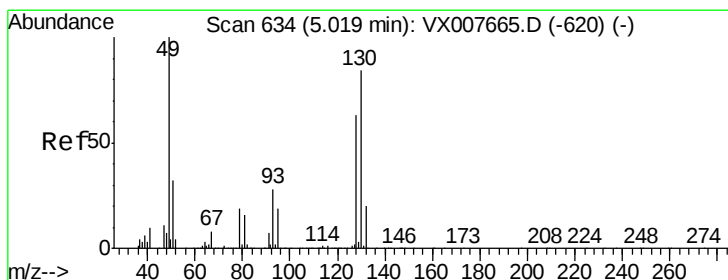
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



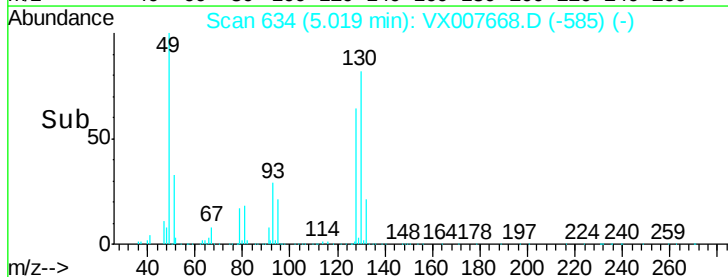
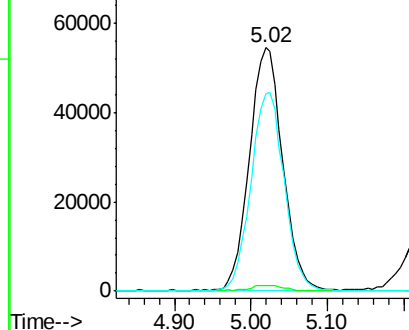
#28

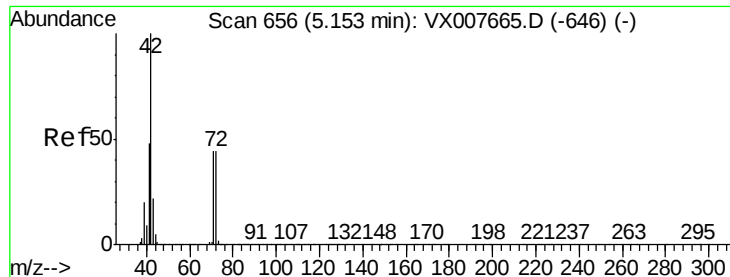
Bromochloromethane
Concen: 50.860 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	82.0	75.6	113.4



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





#29

Tetrahydrofuran

Concen: 261.499 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

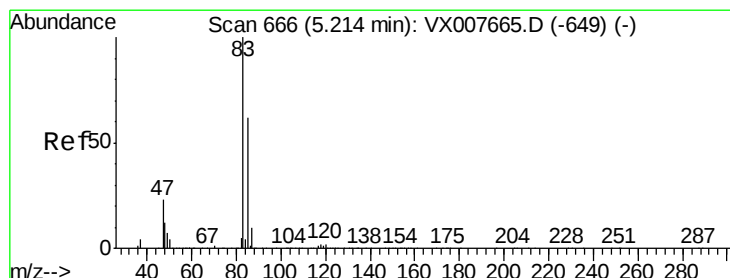
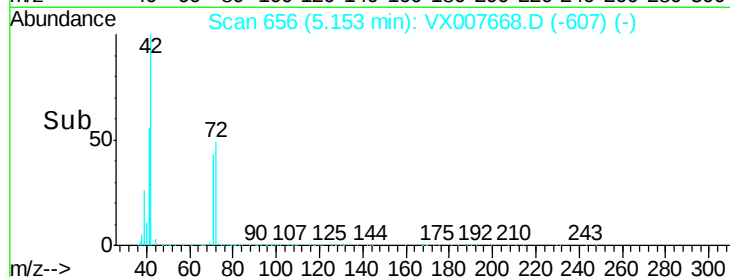
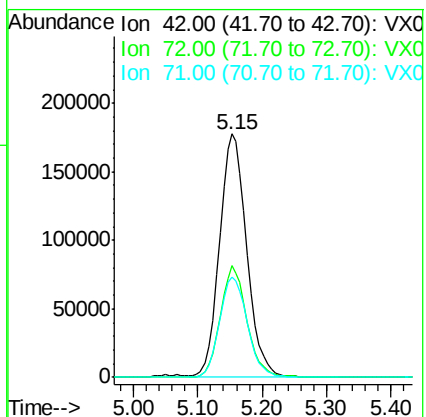
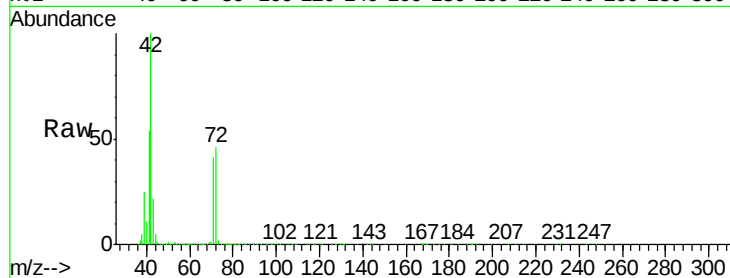
Tot Ion: 42 Resp: 526288

Ion Ratio Lower Upper

42 100

72 45.0 37.6 56.4

71 42.1 34.6 51.8



#30

Chloroform

Concen: 49.597 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007668.D

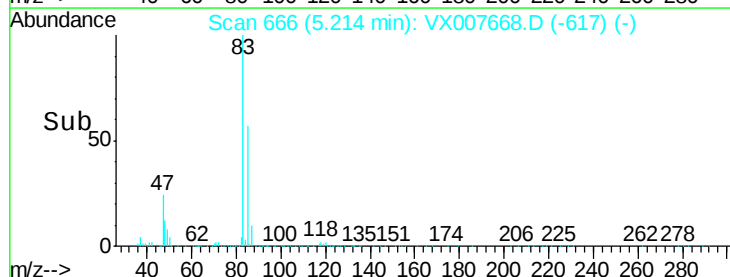
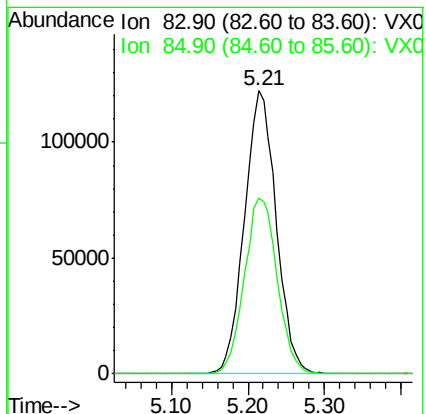
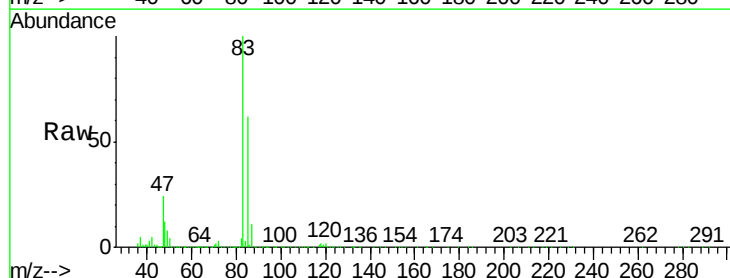
Acq: 25 Feb 2019 12:28

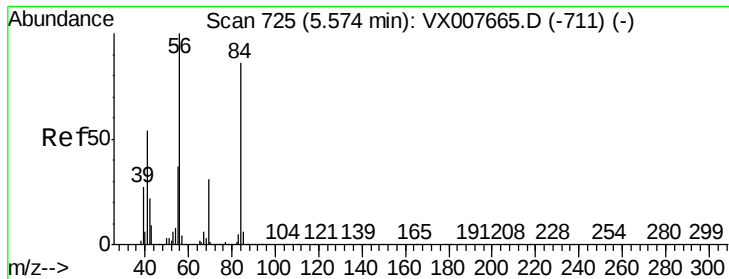
Tgt Ion: 83 Resp: 353736

Ion Ratio Lower Upper

83 100

85 62.0 51.6 77.4

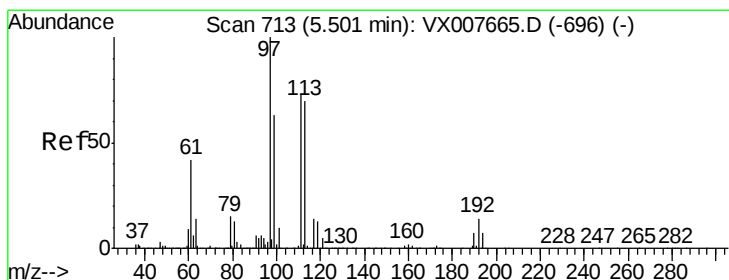
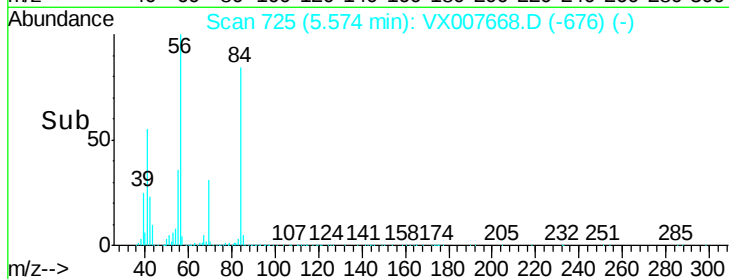
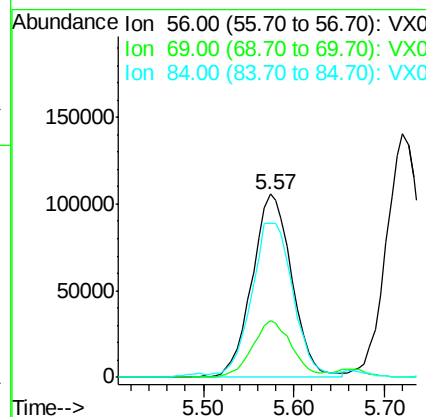
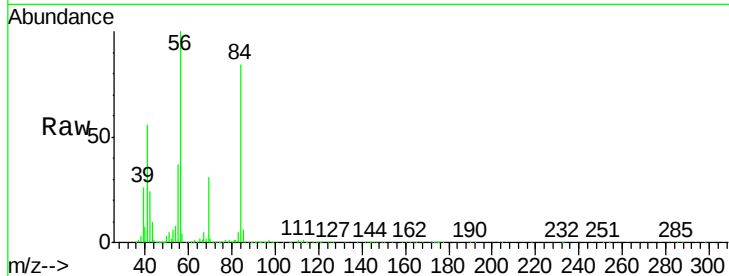




#31
Cyclohexane
Concen: 51.227 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

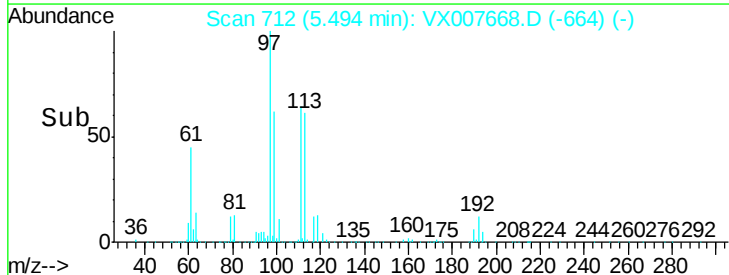
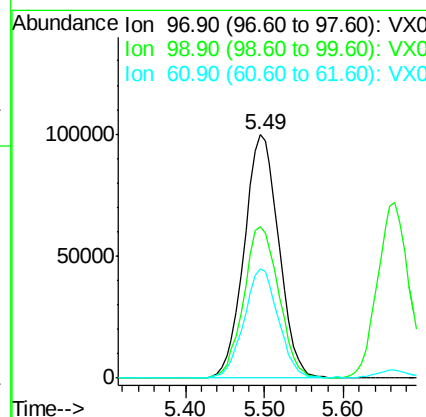
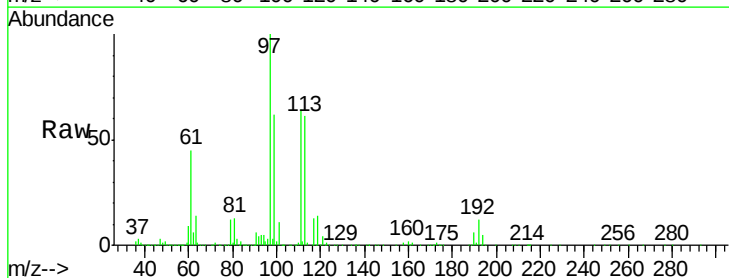
Instrument :
MSVOA_X
ClientSampleId :
ICVX022519

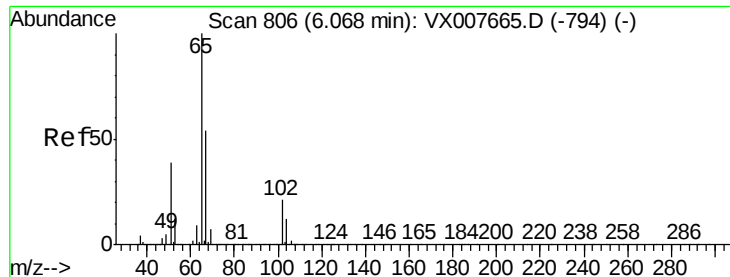
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.0	34.6
84	82.3	69.8	104.6



#32
1,1,1-Trichloroethane
Concen: 51.519 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.2	78.2
61	44.6	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 52.446 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

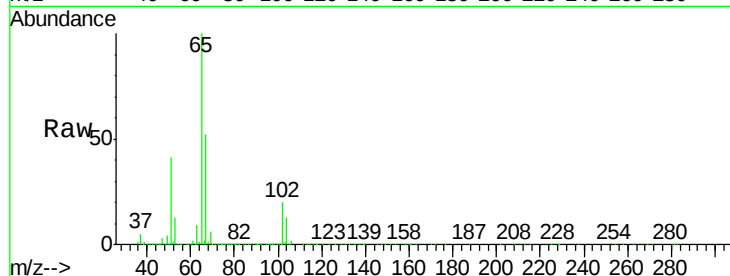
ICVVX022519

Tot Ion: 65 Resp: 236387

Ion Ratio Lower Upper

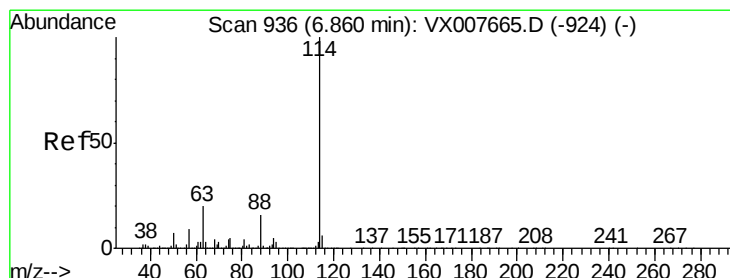
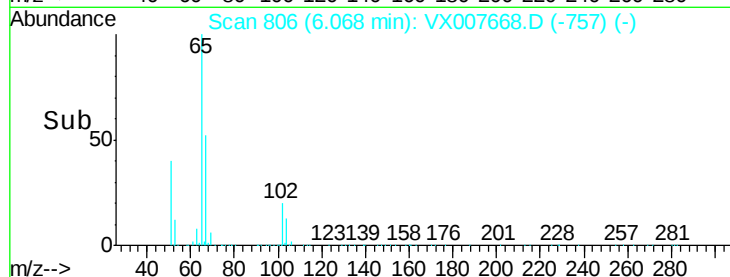
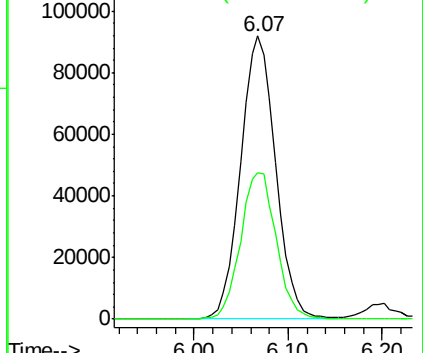
65 100

67 52.4 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

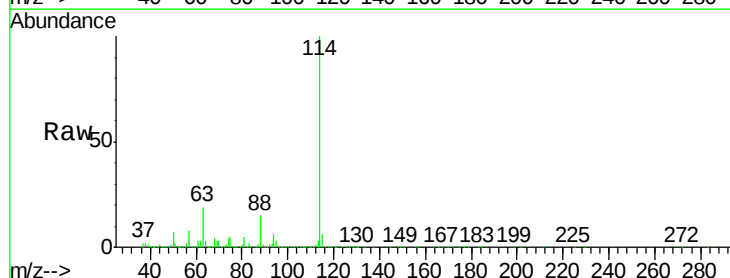
Tgt Ion: 114 Resp: 593961

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

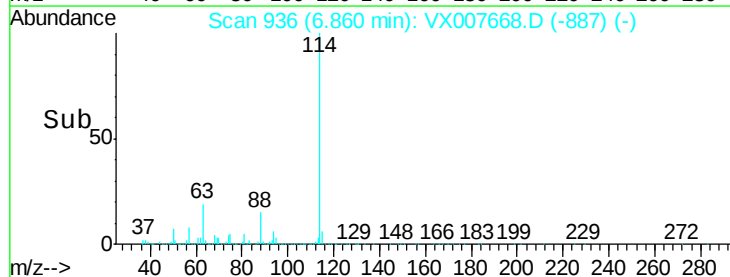
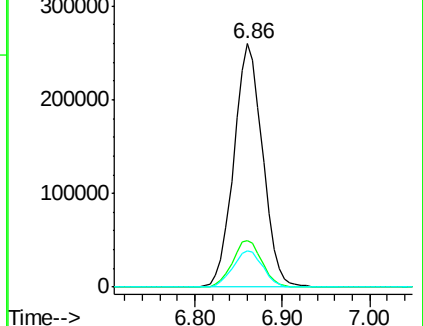
88 14.9 0.0 29.6

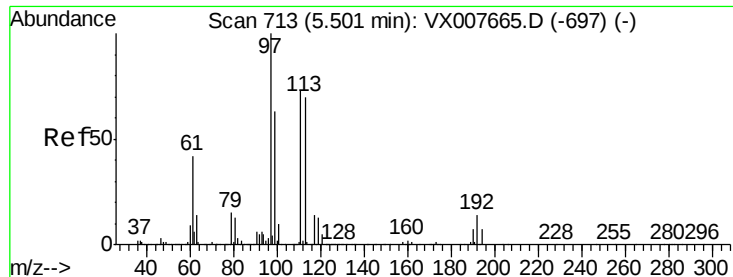


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

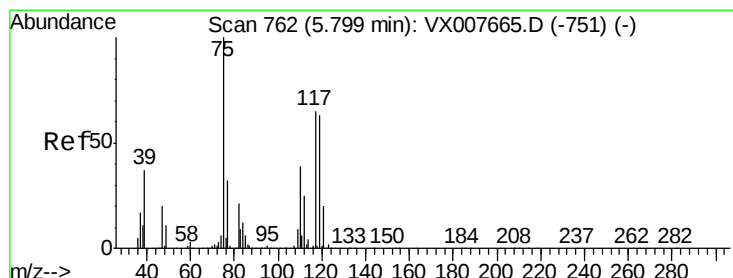
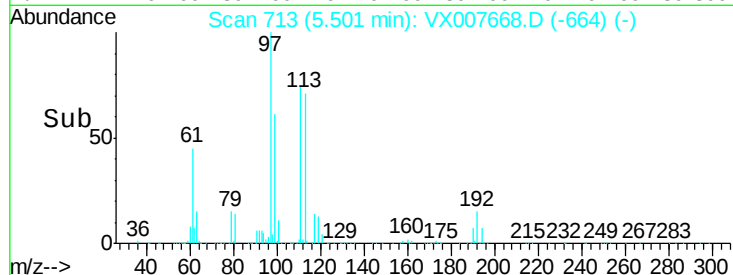
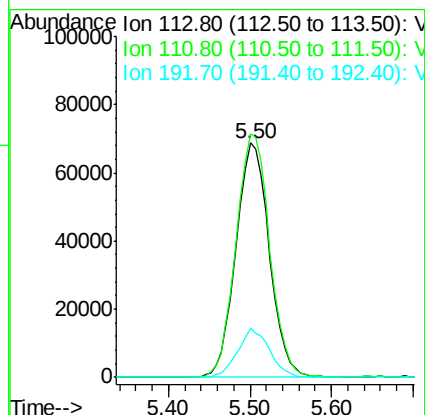
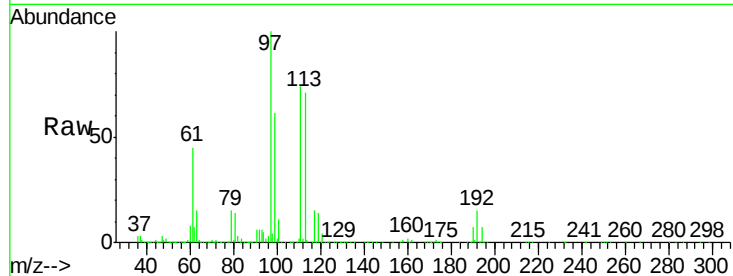




#35
Dibromofluoromethane
Concen: 48.809 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

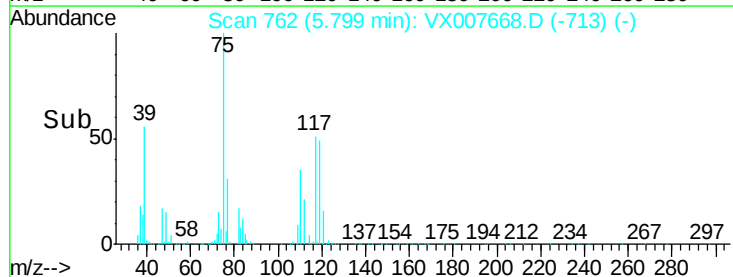
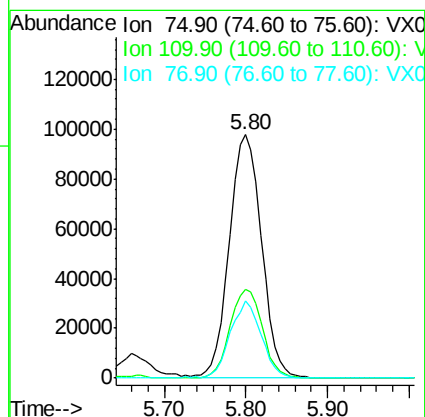
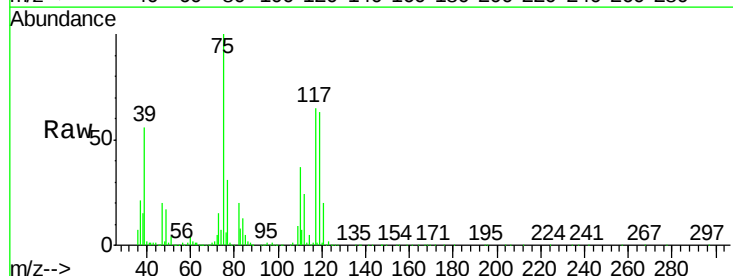
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

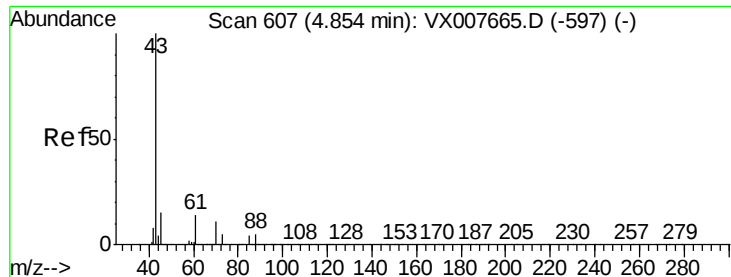
Tot Ion:113 Resp: 193794
Ion Ratio Lower Upper
113 100
111 105.6 81.8 122.8
192 20.1 18.5 27.7



#36
1,1-Dichloropropene
Concen: 50.007 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion: 75 Resp: 267035
Ion Ratio Lower Upper
75 100
110 36.7 20.0 59.9
77 30.5 24.7 37.1

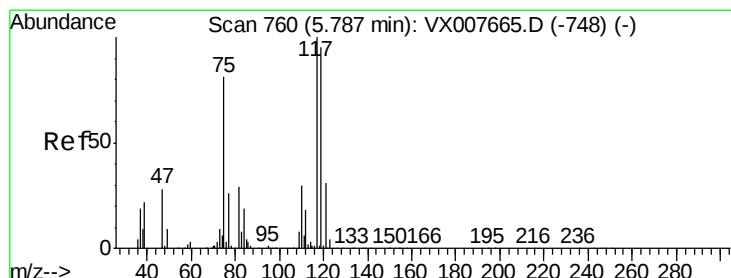
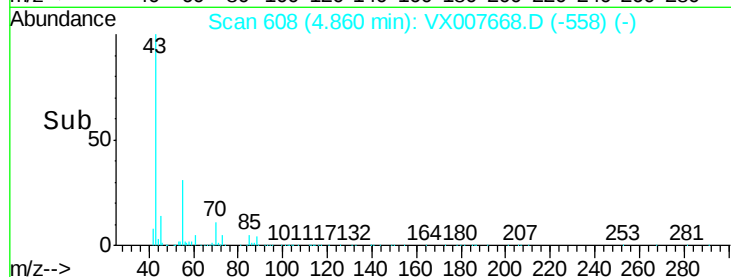
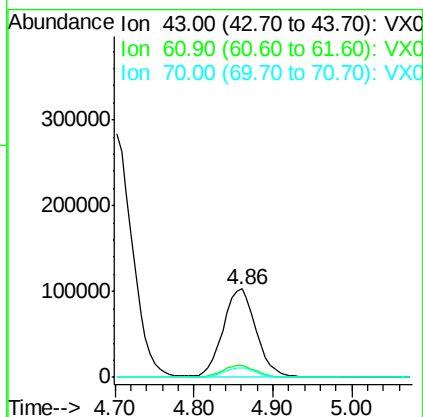
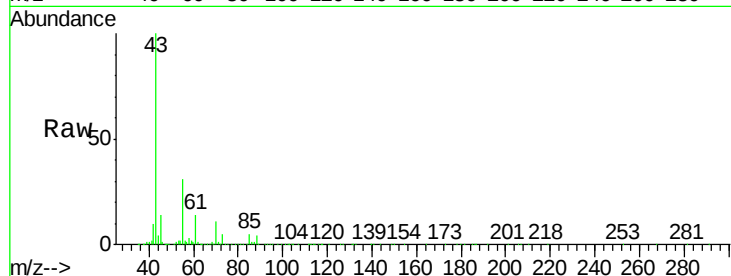




#37
Ethyl Acetate
Concen: 50.475 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

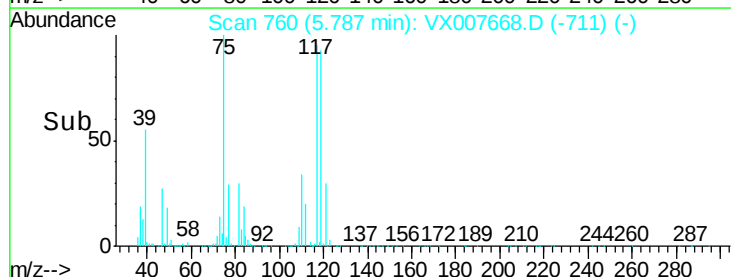
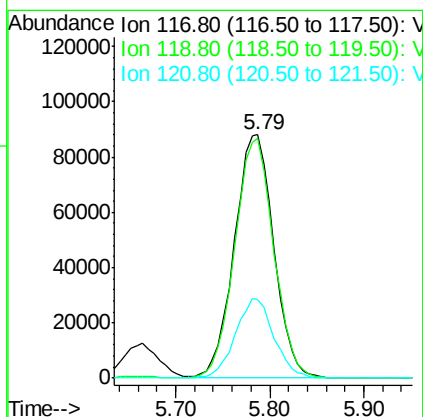
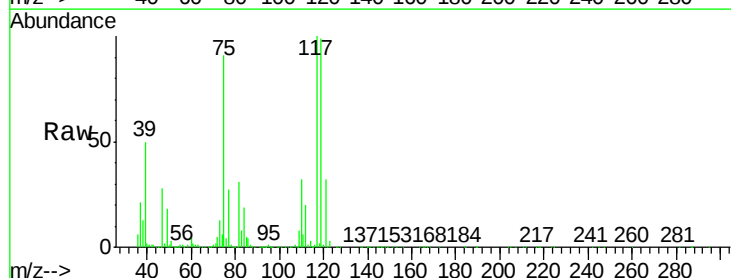
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

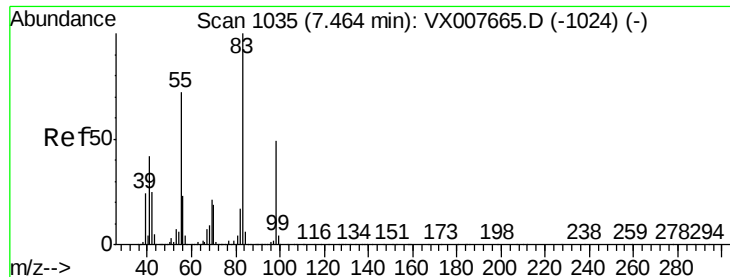
Tot Ion	43	Resp	299406
Ion Ratio	Lower	Upper	
43	100		
61	13.8	11.3	16.9
70	10.8	8.6	13.0



#38
Carbon Tetrachloride
Concen: 47.866 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	117	Resp	256756
Ion Ratio	Lower	Upper	
117	100		
119	98.6	75.3	112.9
121	32.0	25.0	37.4

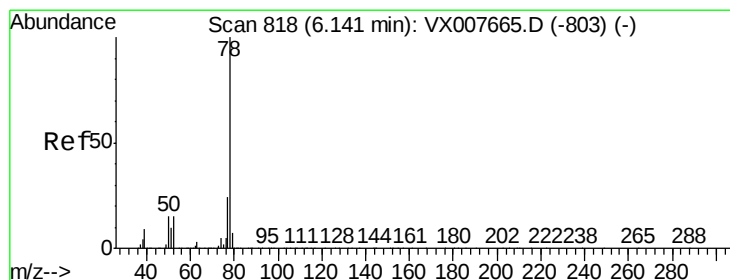
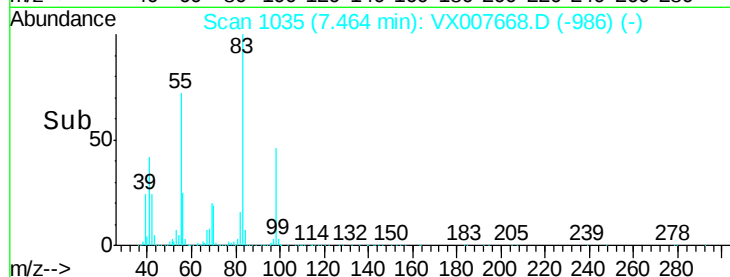
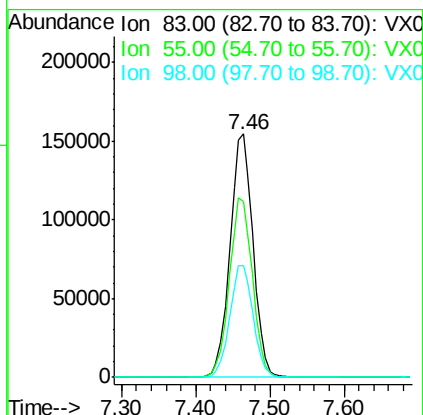
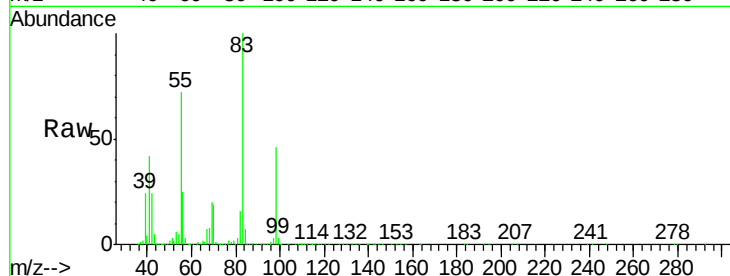




#39
Methvlcvclohexane
Concen: 49.655 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

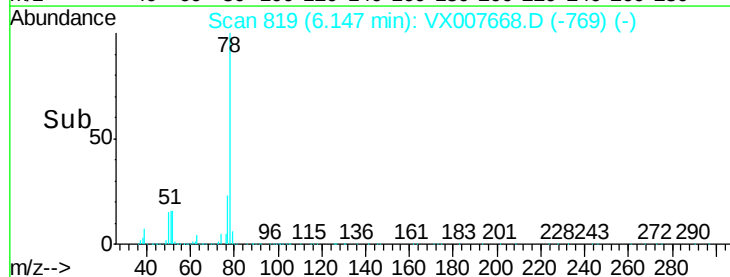
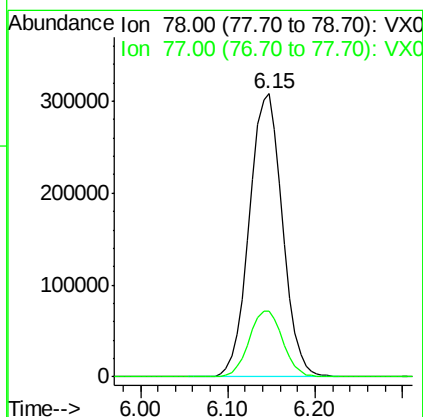
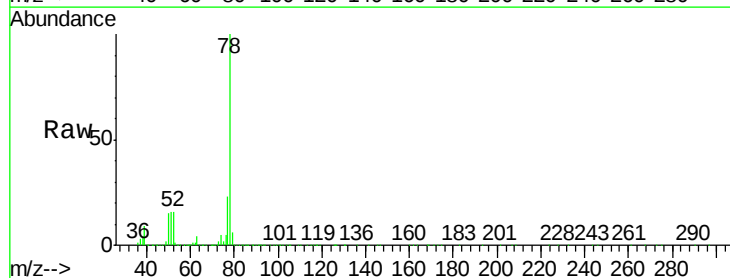
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

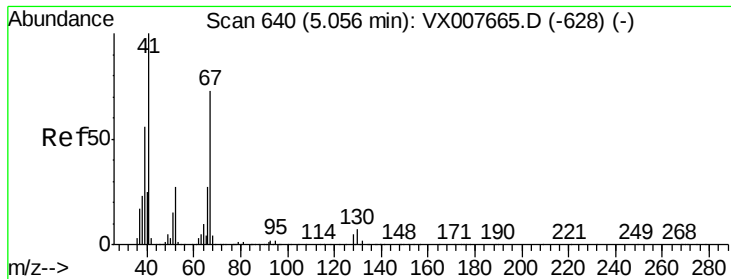
Tot Ion	83.00	Resp	335113
Ion	Ratio	Lower	Upper
83	100		
55	72.2	56.2	84.2
98	45.8	36.8	55.2



#40
Benzene
Concen: 49.256 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	78.00	Resp	811937
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





#41

Methacrylonitrile

Concen: 51.138 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 41 Resp: 161977

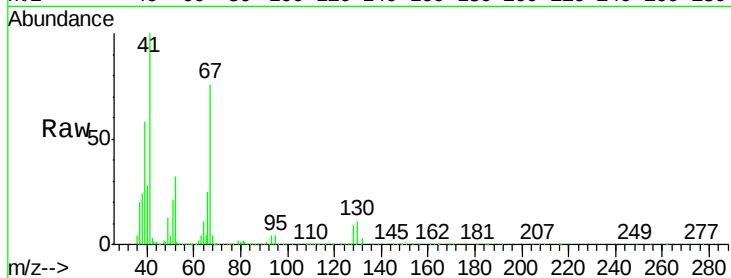
Ion Ratio Lower Upper

41 100

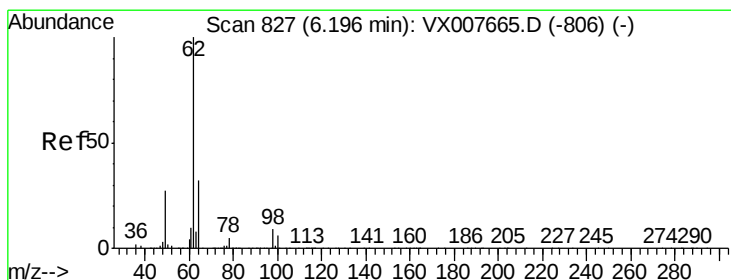
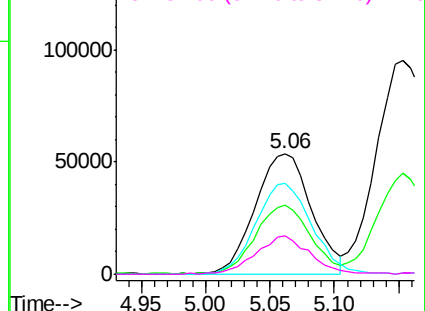
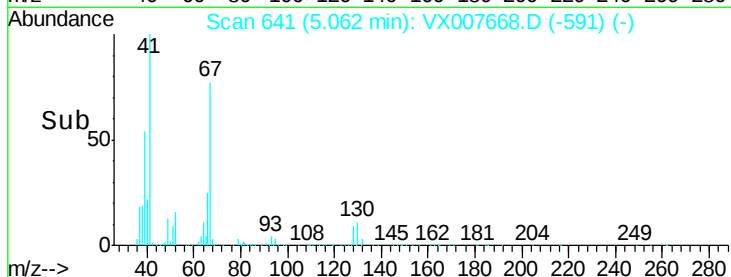
39 55.3 44.5 66.7

67 75.3 60.4 90.6

52 30.2 24.1 36.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.406 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007668.D

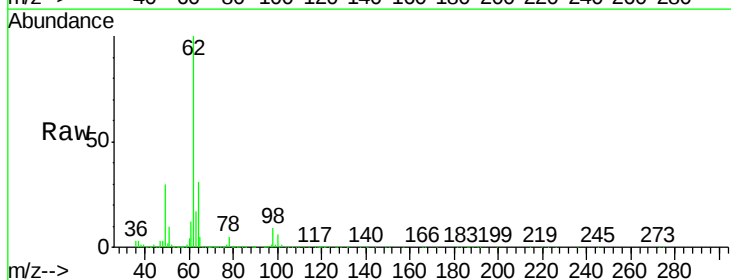
Acq: 25 Feb 2019 12:28

Tgt Ion: 62 Resp: 279272

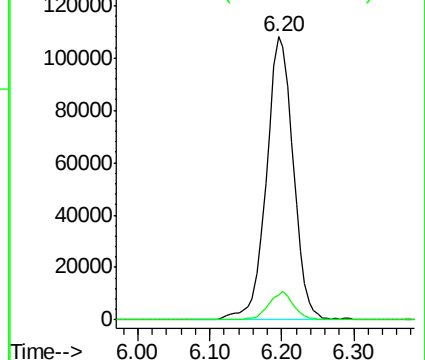
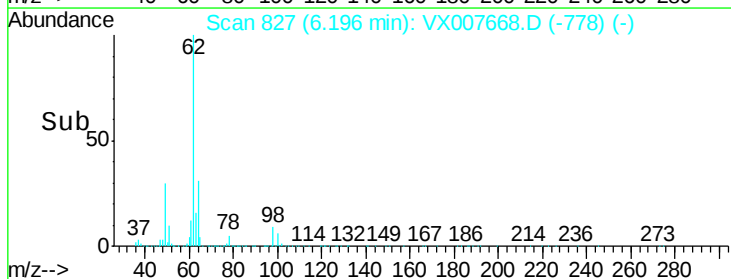
Ion Ratio Lower Upper

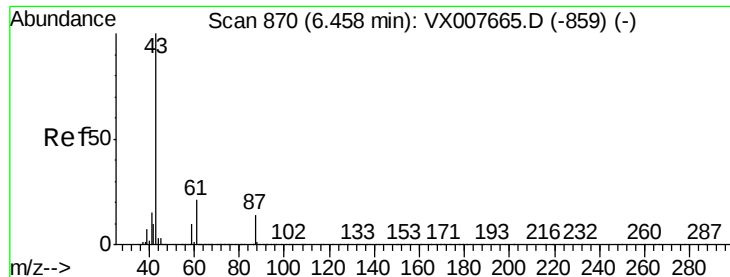
62 100

98 9.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



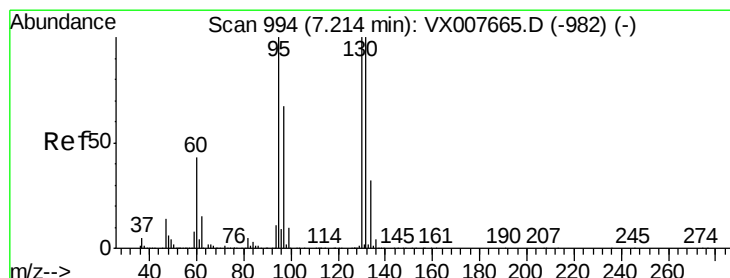
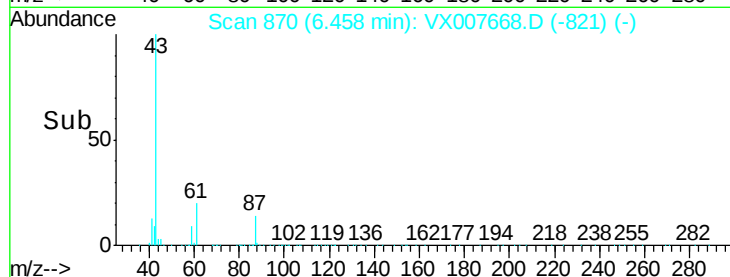
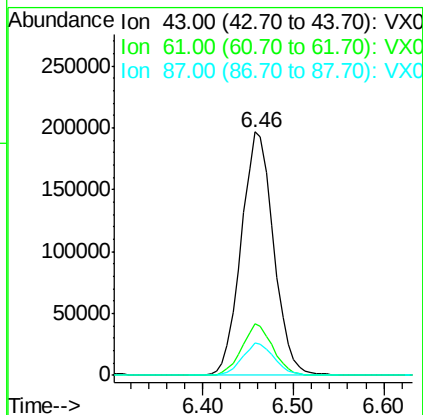
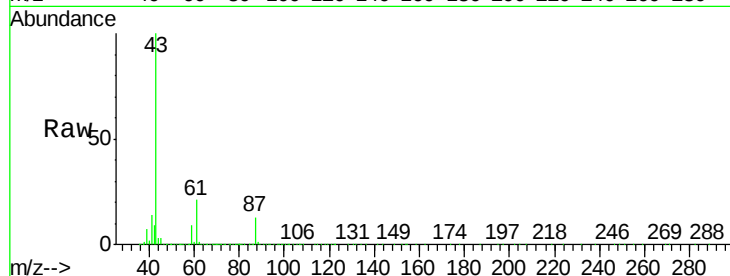


#43

Isopropyl Acetate
 Concen: 53.002 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

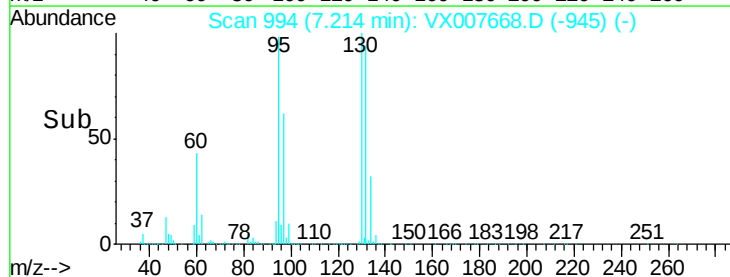
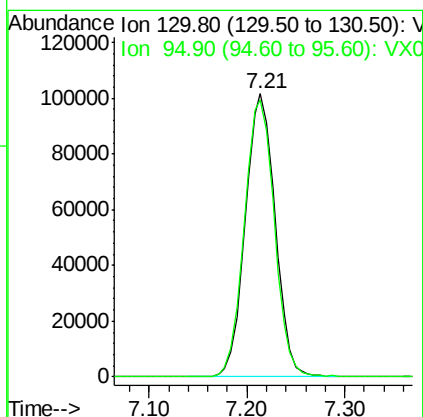
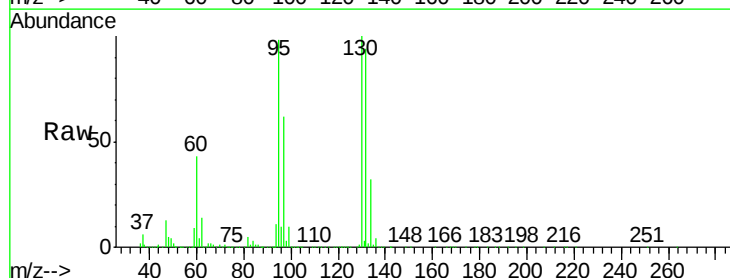
Tot Ion	43	Resp	483870
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.1	24.1
87	13.2	11.5	17.3

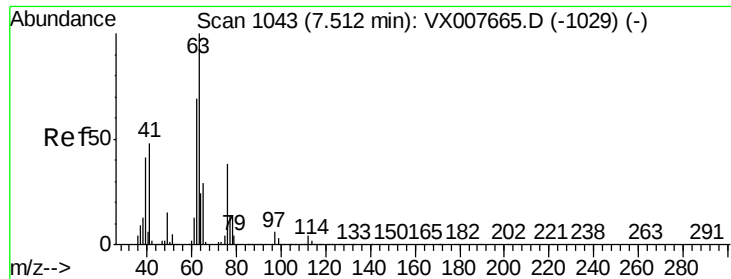


#44

Trichloroethene
 Concen: 47.468 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	130	Resp	215248
Ion Ratio	Lower	Upper	
130	100		
95	98.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 49.120 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

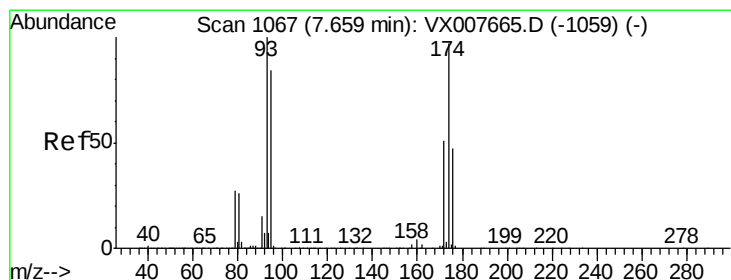
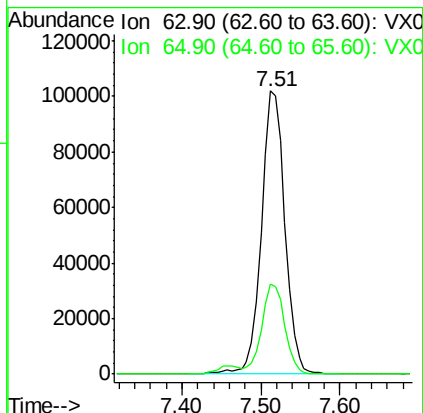
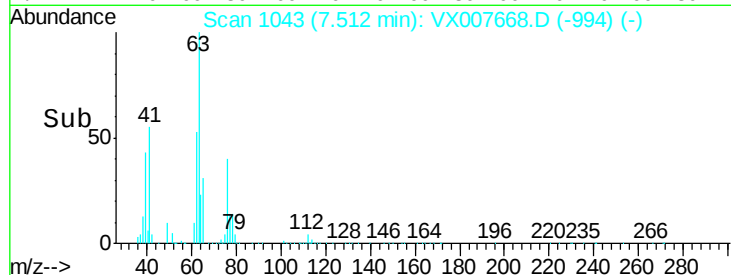
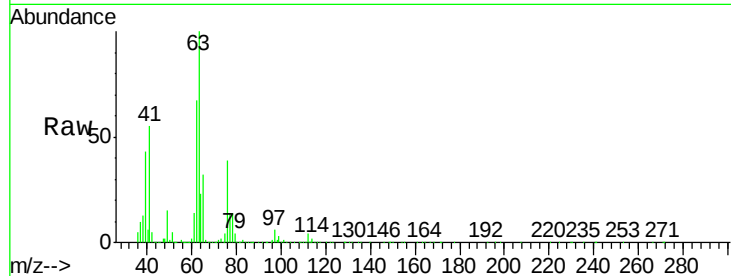
ICVVX022519

Tot Ion: 63 Resp: 209745

Ion Ratio Lower Upper

63 100

65 32.0 24.2 36.2



#46

Dibromomethane

Concen: 47.072 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

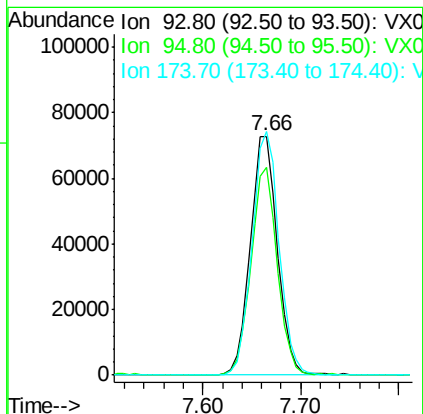
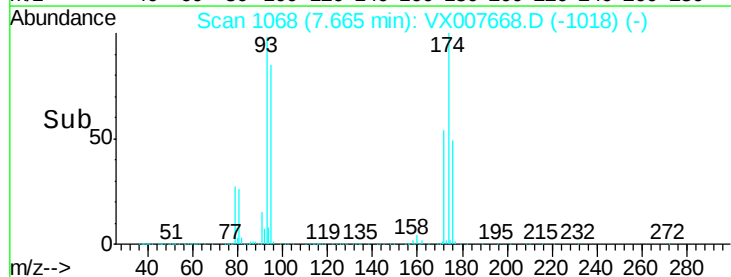
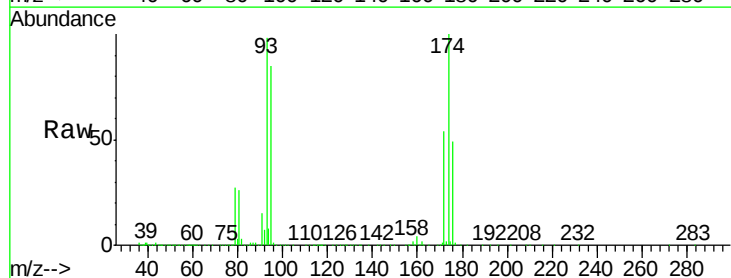
Tgt Ion: 93 Resp: 140224

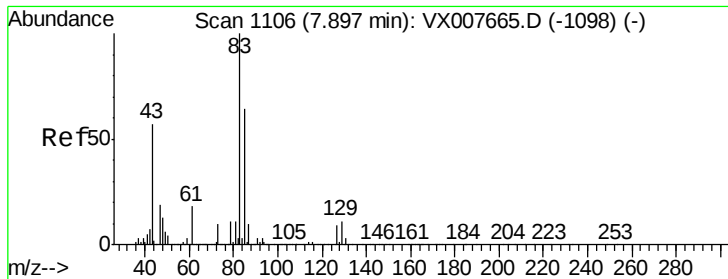
Ion Ratio Lower Upper

93 100

95 84.5 67.6 101.4

174 101.5 94.2 141.4

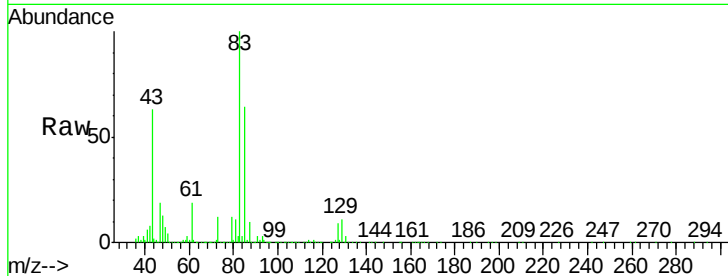




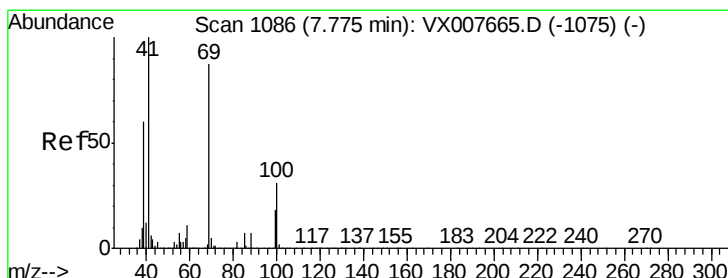
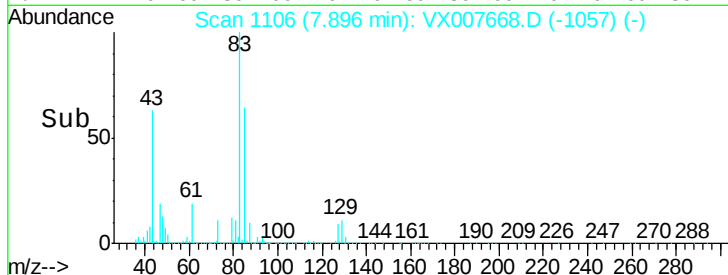
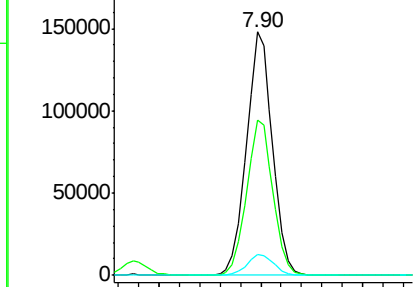
#47
Bromodichloromethane
Concen: 50.608 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	83	Resp	261255
Ion Ratio	100		
85	63.5	51.4	77.0
127	8.6	8.1	12.1

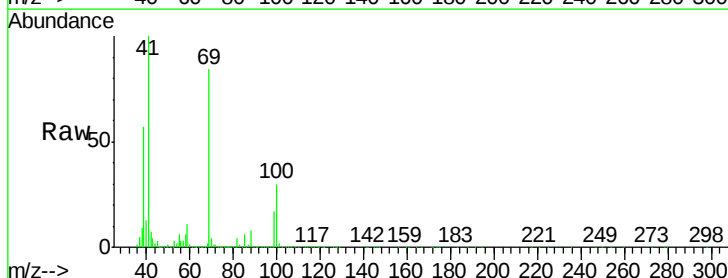


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

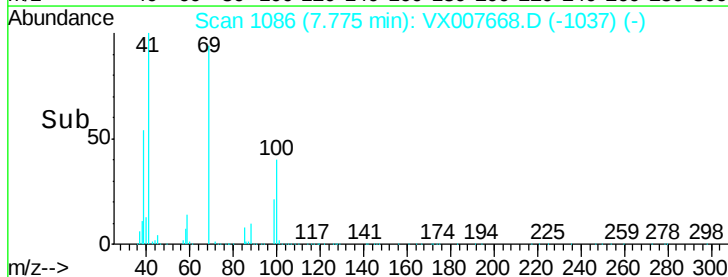
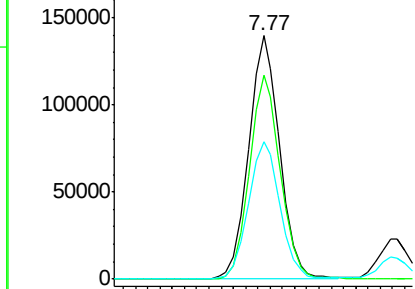


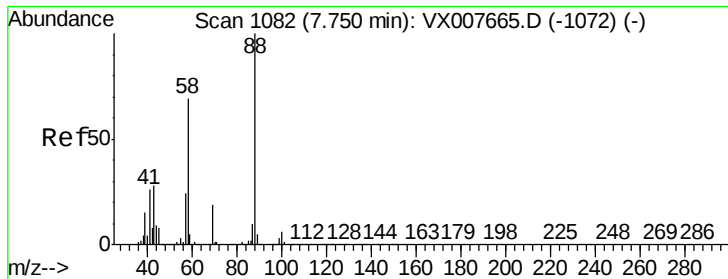
#48
Methyl methacrylate
Concen: 51.019 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	41	Resp	244151
Ion Ratio	100		
69	83.5	70.2	105.4
39	58.0	47.4	71.0



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: 988.452 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

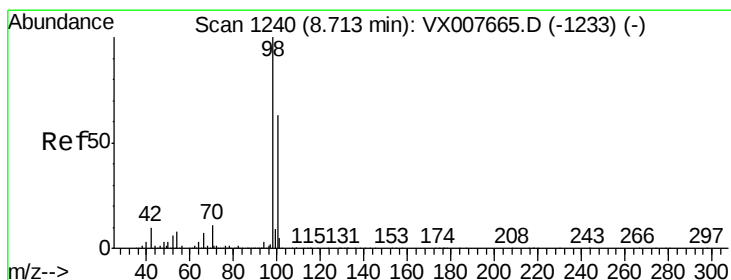
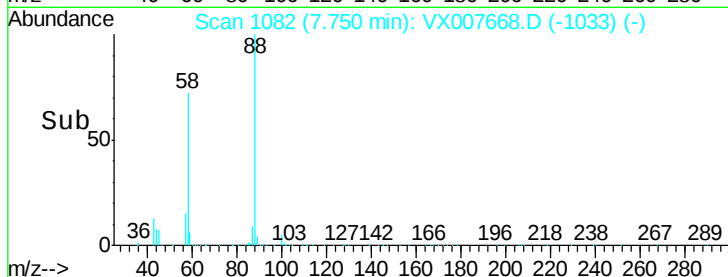
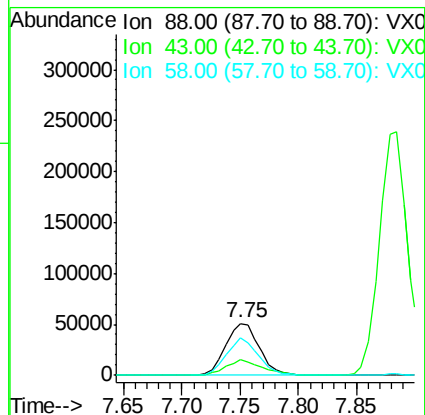
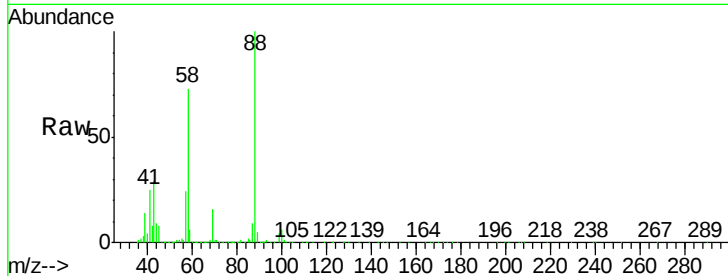
Tot Ion: 88 Resp: 102164

Ion Ratio Lower Upper

88 100

43 30.7 24.2 36.4

58 68.5 53.0 79.4



#50

Toluene-d8

Concen: 49.664 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007668.D

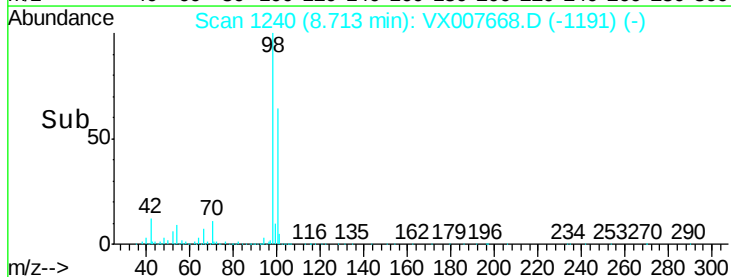
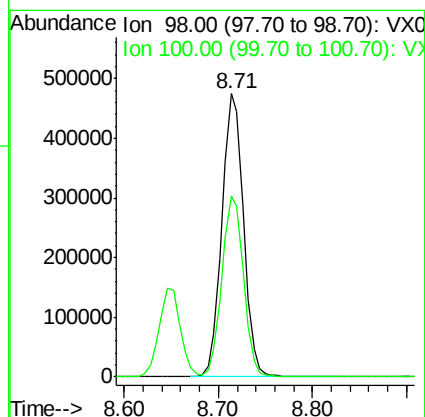
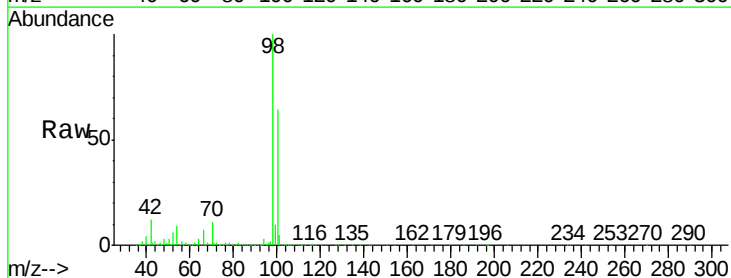
Acq: 25 Feb 2019 12:28

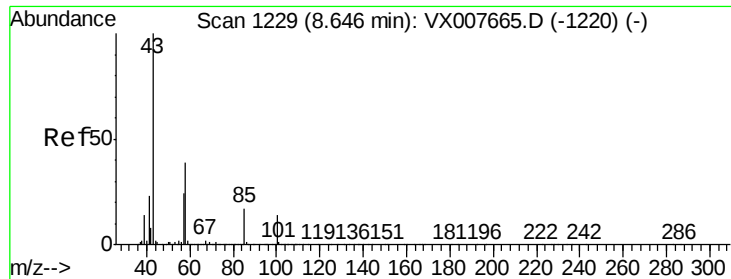
Tgt Ion: 98 Resp: 754914

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 258.195 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

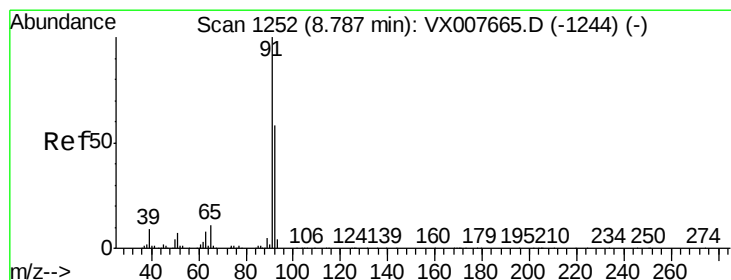
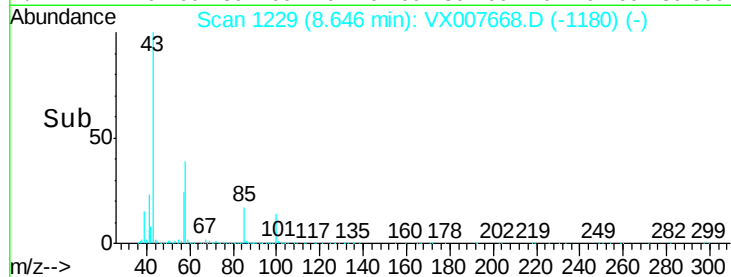
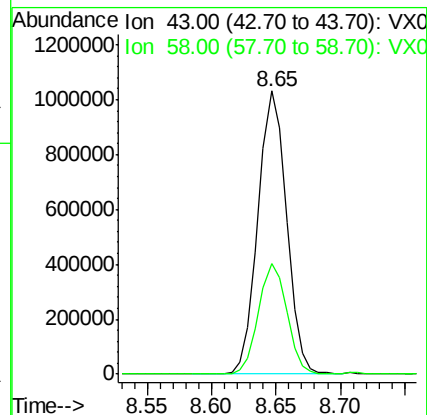
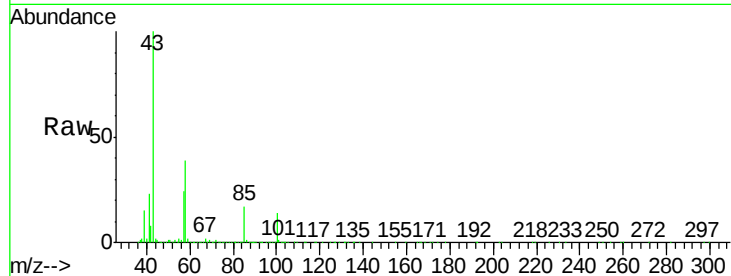
ICVVX022519

Tot Ion: 43 Resp: 1577822

Ion Ratio Lower Upper

43 100

58 38.7 31.2 46.8



#52

Toluene

Concen: 48.777 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007668.D

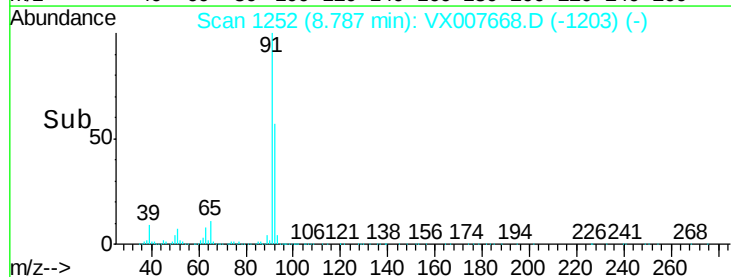
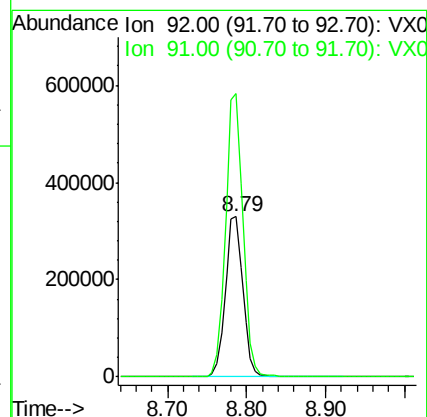
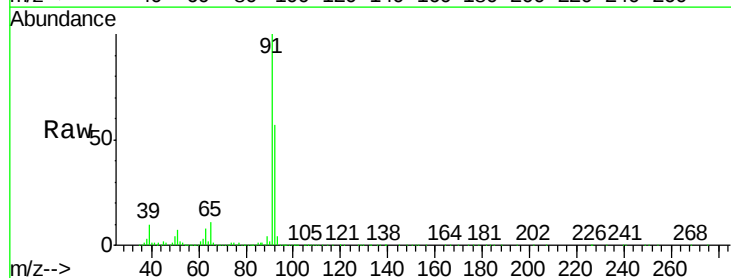
Acq: 25 Feb 2019 12:28

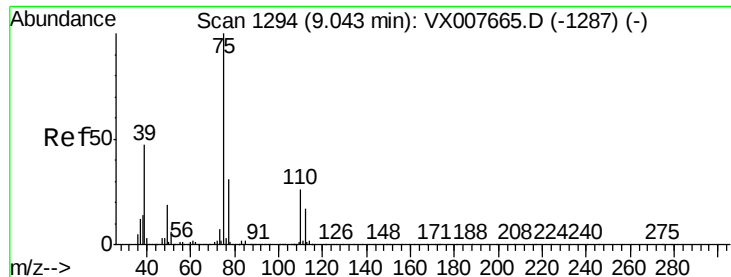
Tgt Ion: 92 Resp: 507020

Ion Ratio Lower Upper

92 100

91 176.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 48.132 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

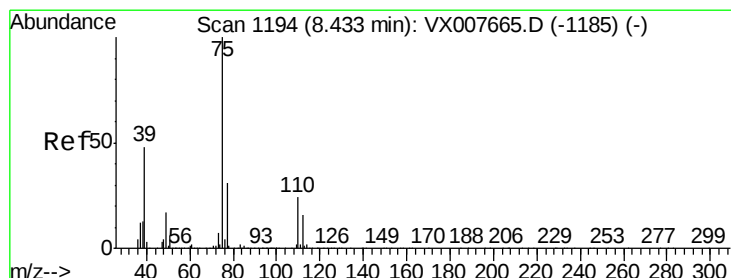
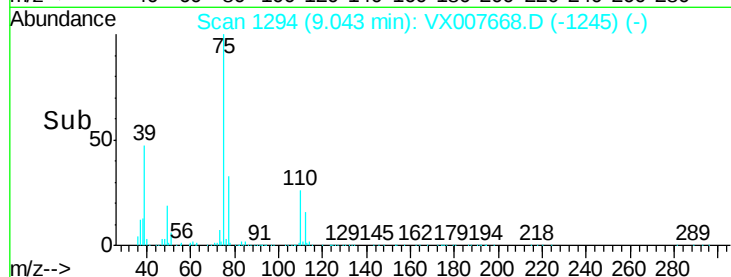
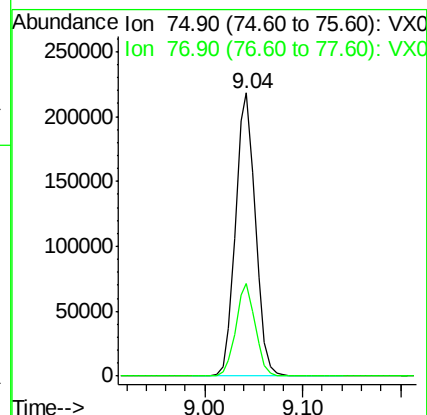
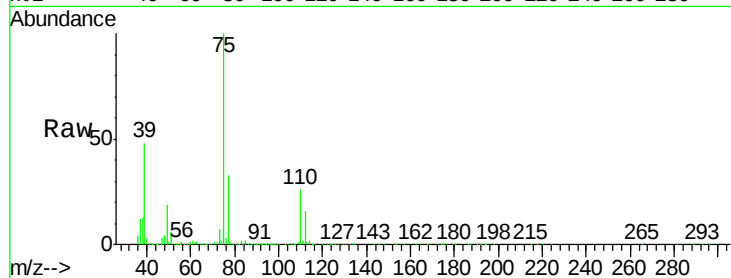
ICVVX022519

Tot Ion: 75 Resp: 308193

Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.495 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

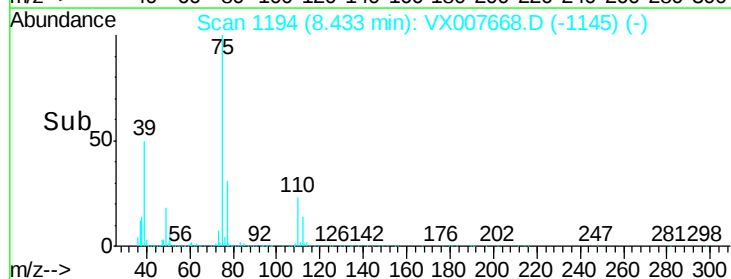
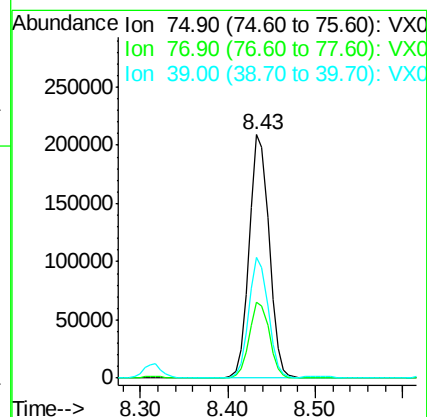
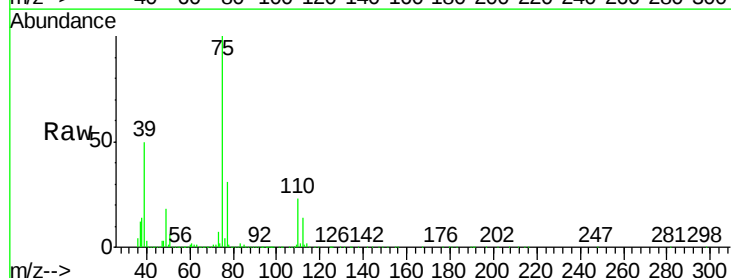
Tgt Ion: 75 Resp: 328868

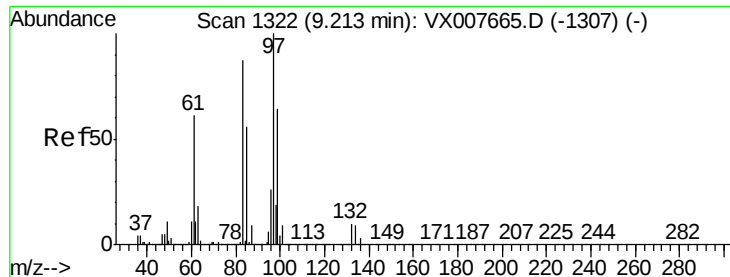
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.4

39 49.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.593 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 97 Resp: 210630

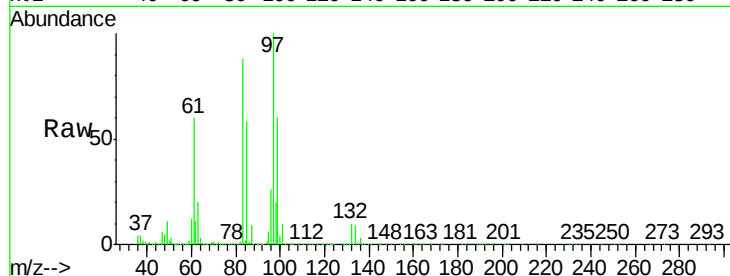
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.6	102.8
85	57.8	44.5	66.7
99	60.4	52.2	78.4

97 100

83 87.5 68.6 102.8

85 57.8 44.5 66.7

99 60.4 52.2 78.4

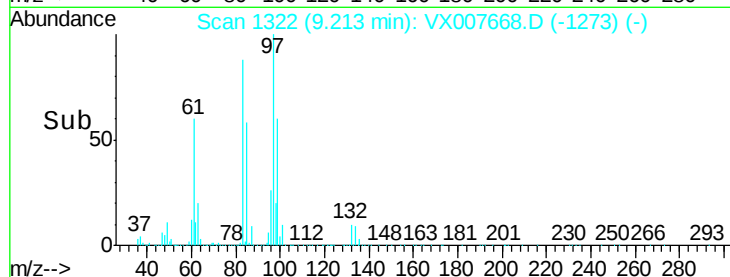


Abundance Ion 96.90 (96.60 to 97.60): VX0

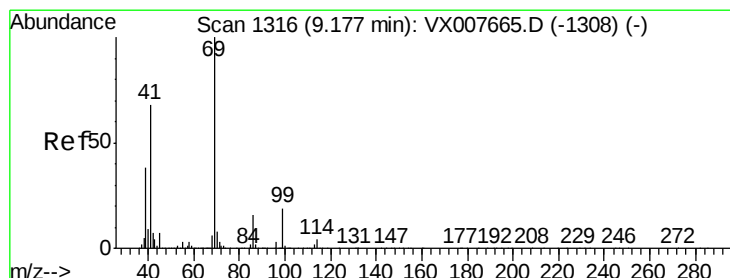
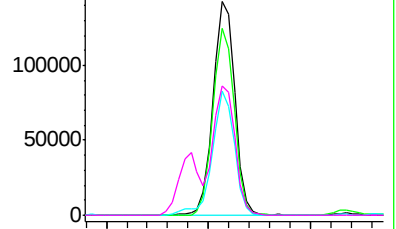
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#56

Ethyl methacrylate

Concen: 52.219 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

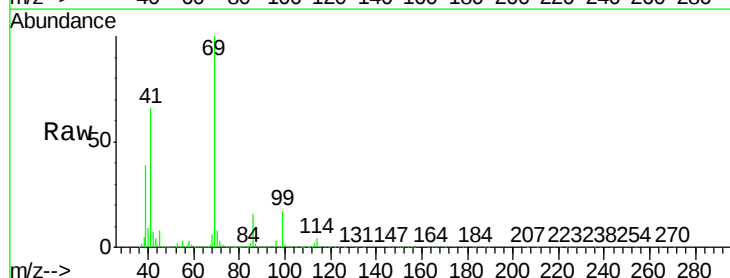
Tgt Ion: 69 Resp: 321886

Ion	Ratio	Lower	Upper
69	100		
41	66.9	52.1	78.1
39	38.0	30.1	45.1

69 100

41 66.9 52.1 78.1

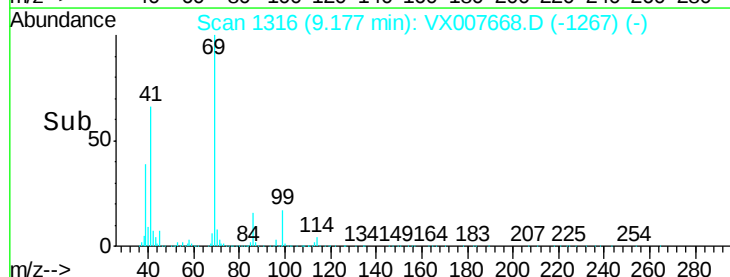
39 38.0 30.1 45.1



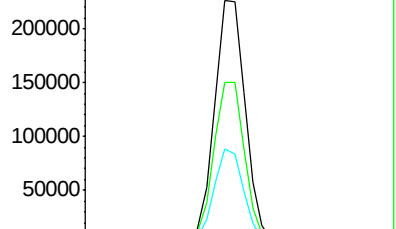
Abundance Ion 69.00 (68.70 to 69.70): VX0

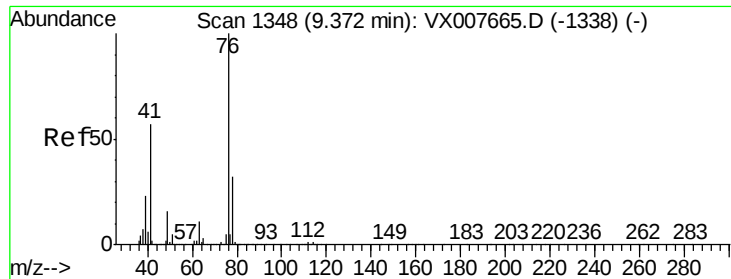
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





#57

1,3-Dichloropropane

Concen: 50.112 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

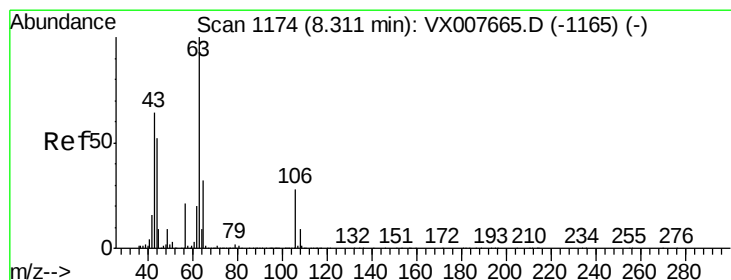
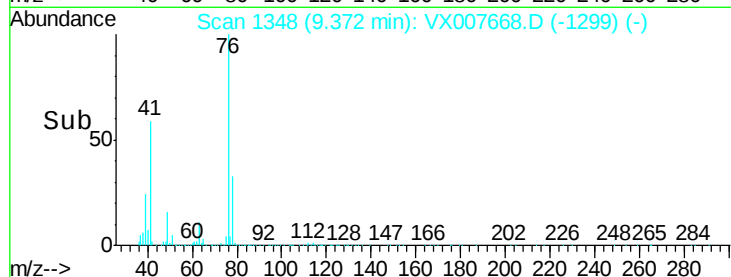
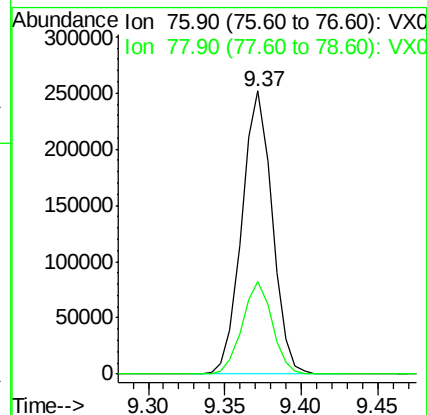
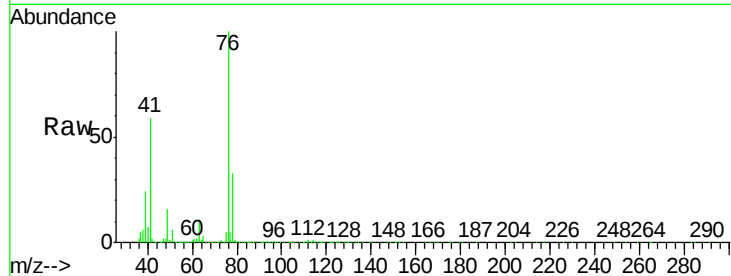
ICVVX022519

Tot Ion: 76 Resp: 347710

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.825 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007668.D

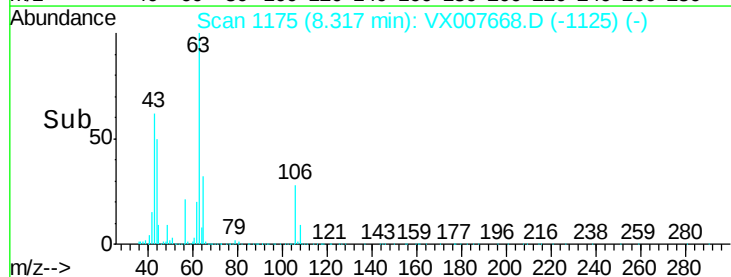
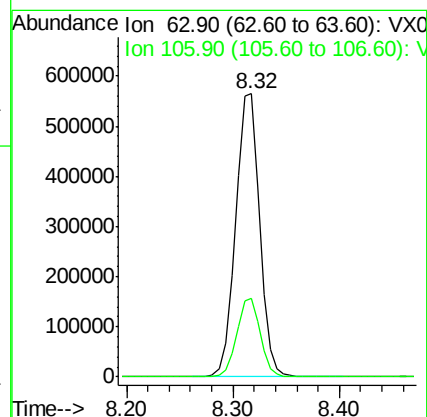
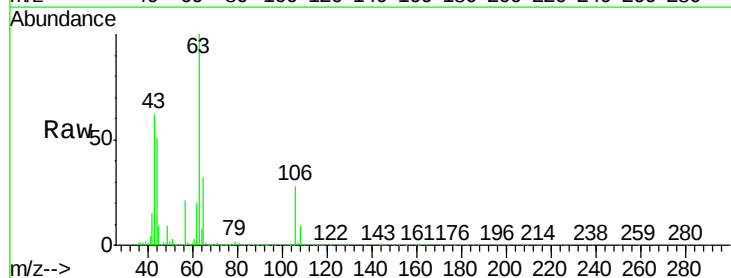
Acq: 25 Feb 2019 12:28

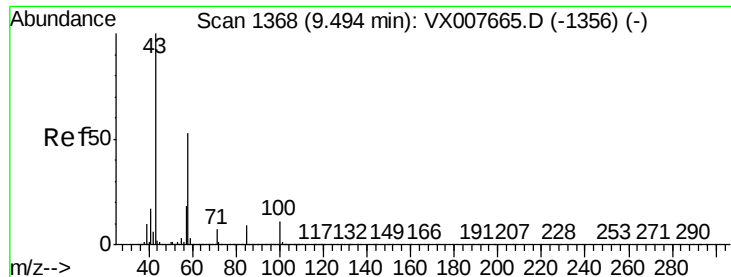
Tgt Ion: 63 Resp: 893392

Ion Ratio Lower Upper

63 100

106 27.3 23.6 35.4

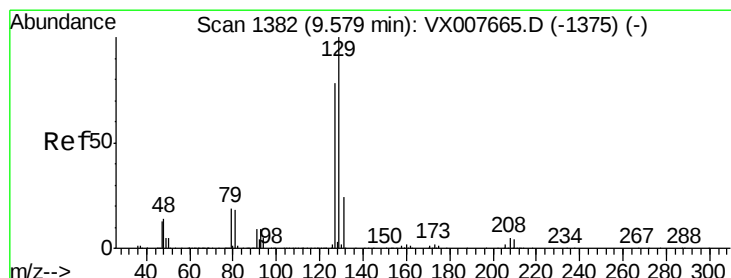
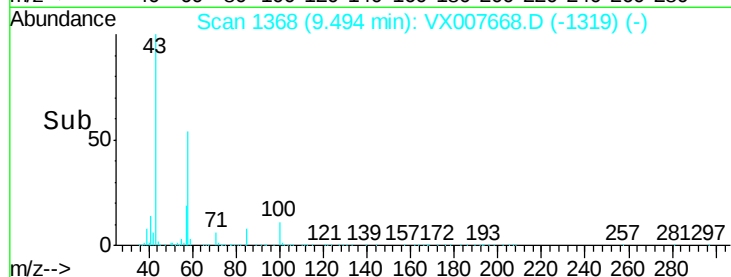
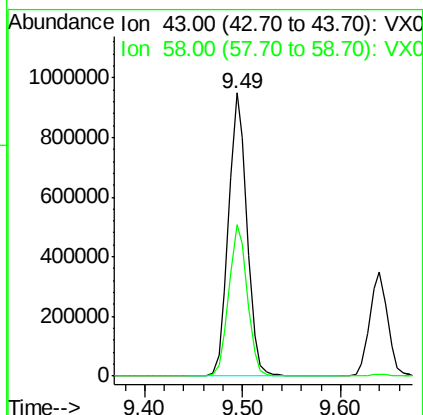
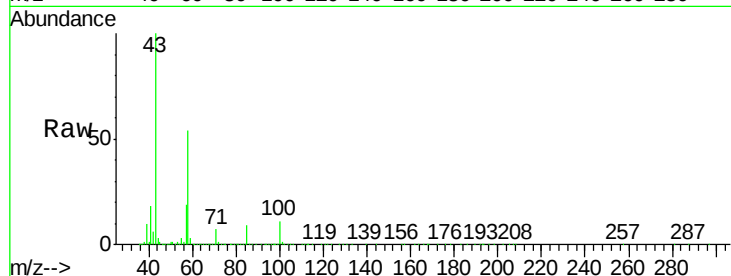




#59
2-Hexanone
Concen: 259.173 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

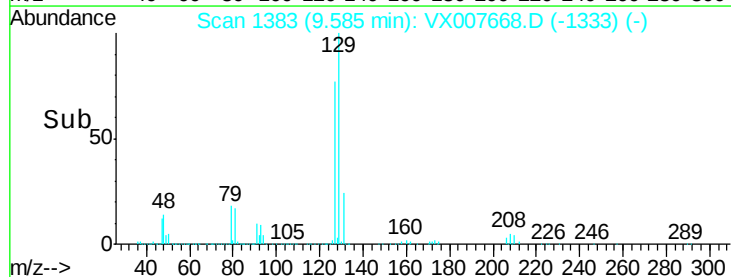
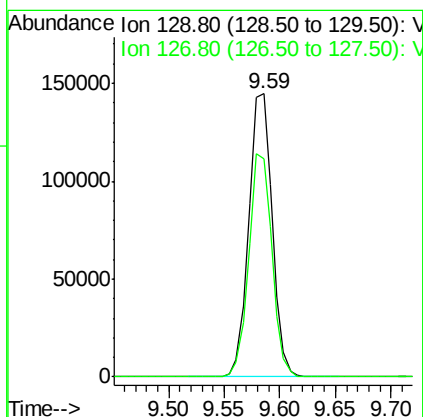
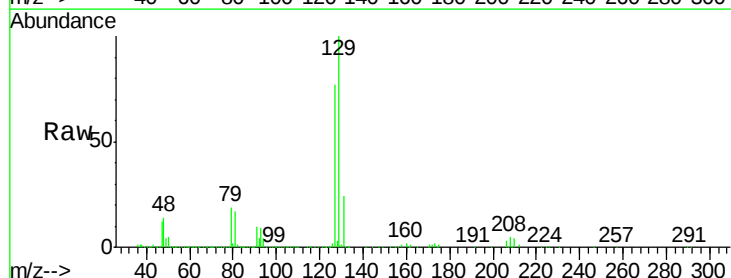
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

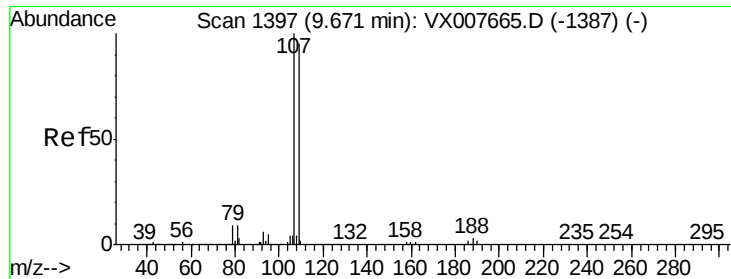
Tot Ion: 43 Resp: 1243426
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3



#60
Dibromochloromethane
Concen: 50.960 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion: 129 Resp: 212550
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4

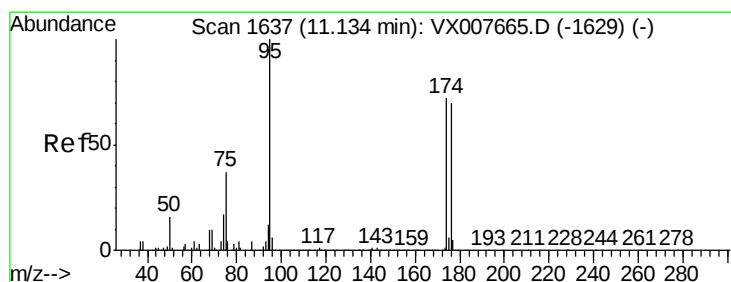
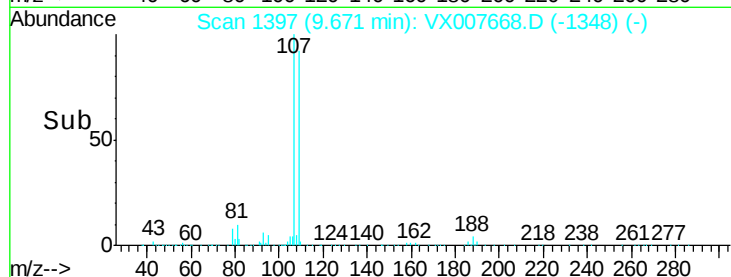
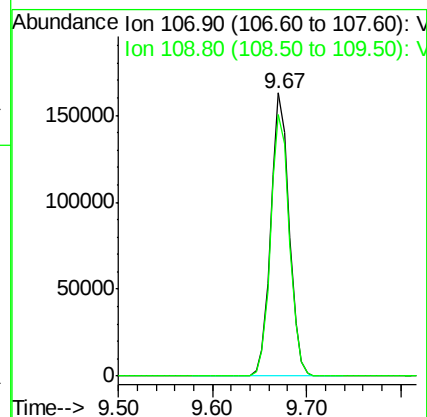
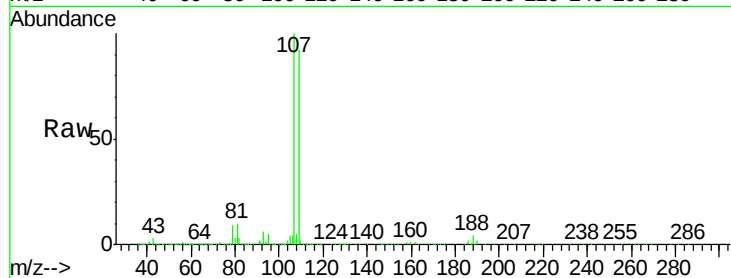




#61
 1,2-Dibromoethane
 Concen: 49.984 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

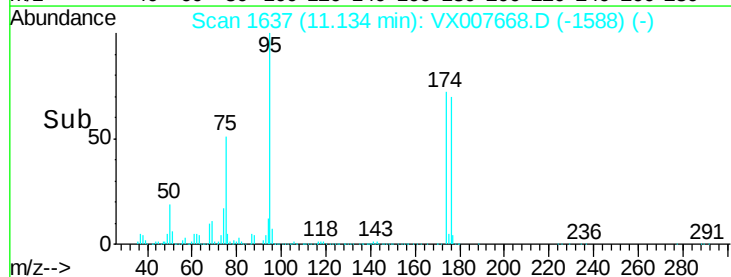
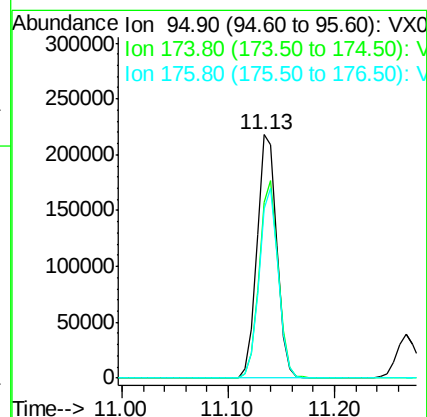
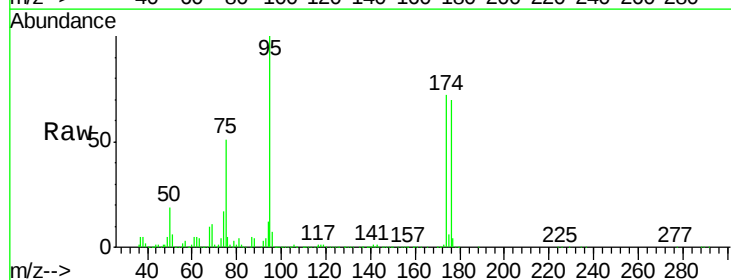
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

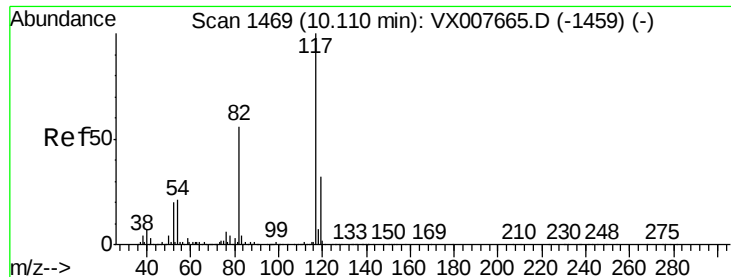
Tot Ion:107 Resp: 224950
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.991 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion: 95 Resp: 284481
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 189.2
 176 75.4 0.0 186.2

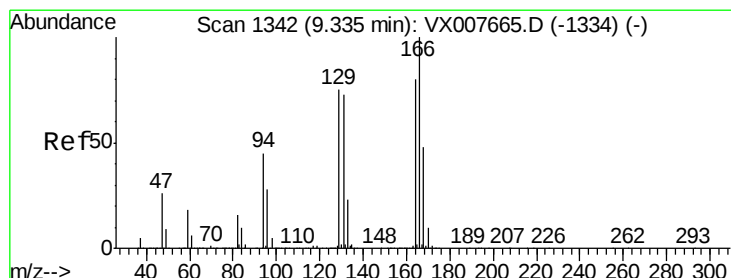
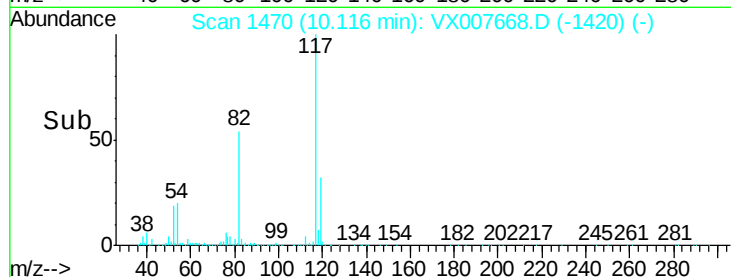
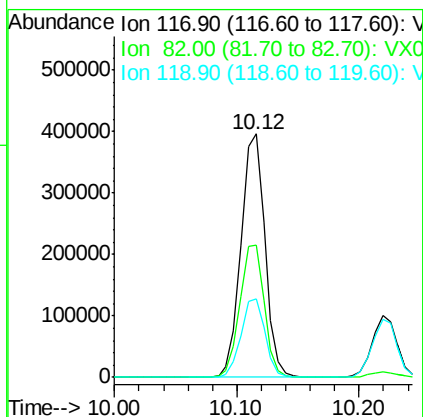
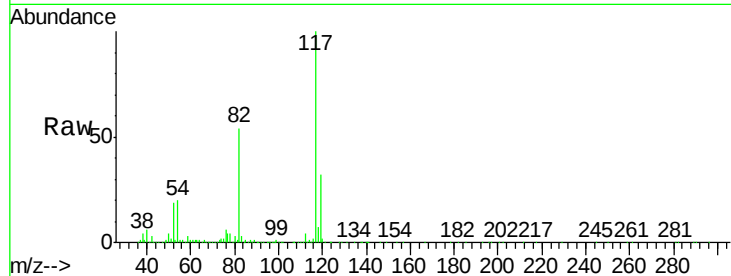




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

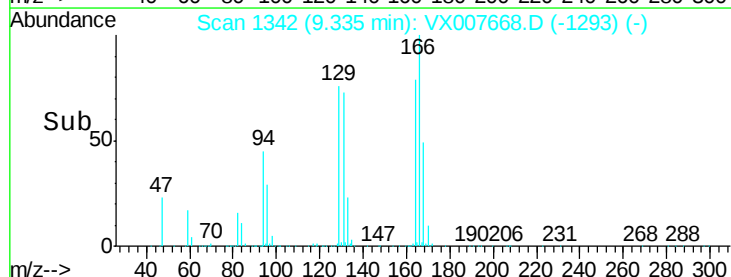
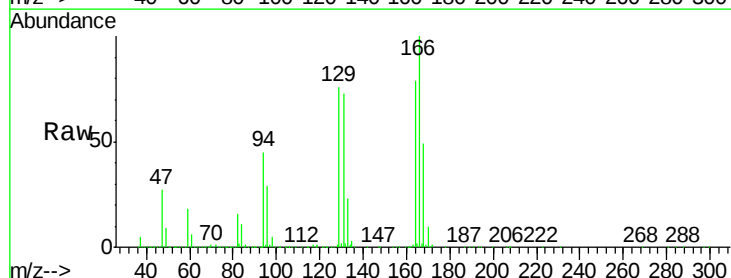
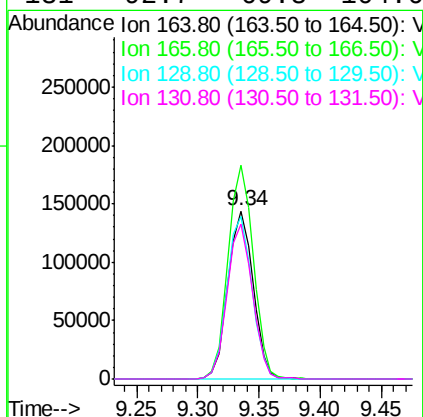
Instrument :
MSVOA_X
ClientSampled :
ICVVX022519

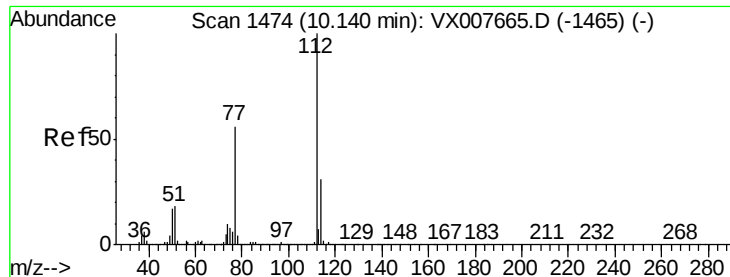
Tot Ion:117 Resp: 536671
Ion Ratio Lower Upper
117 100
82 54.3 42.1 63.1
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 47.152 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion:164 Resp: 205429
Ion Ratio Lower Upper
164 100
166 127.3 101.0 151.4
129 96.7 70.5 105.7
131 92.7 69.8 104.6





#65

Chlorobenzene

Concen: 48.552 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

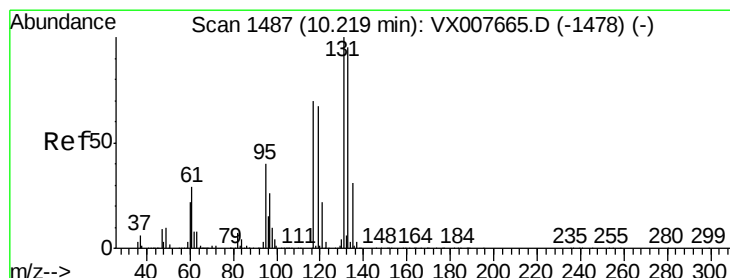
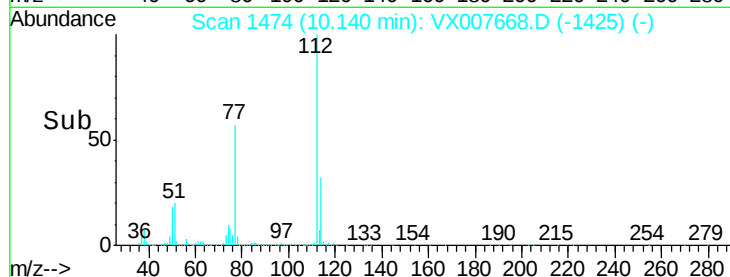
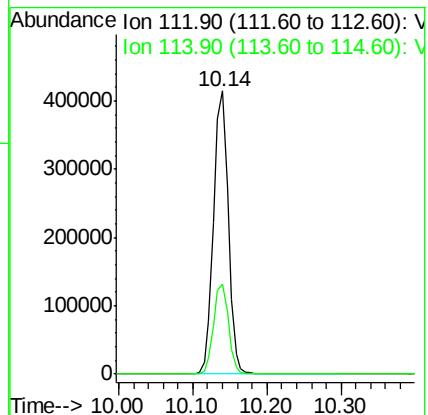
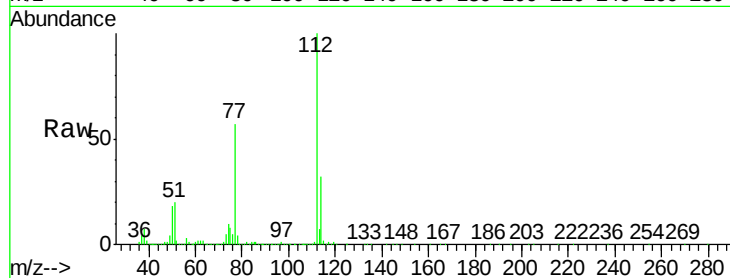
ICVVX022519

Tot Ion:112 Resp: 563552

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.111 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

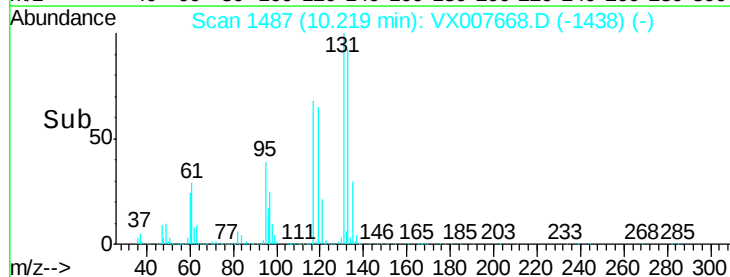
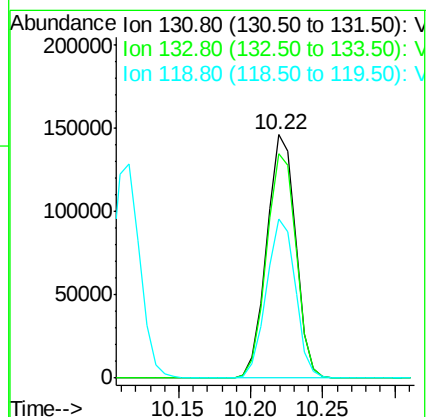
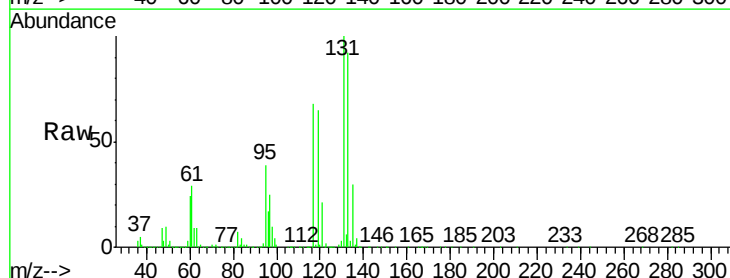
Tgt Ion:131 Resp: 202889

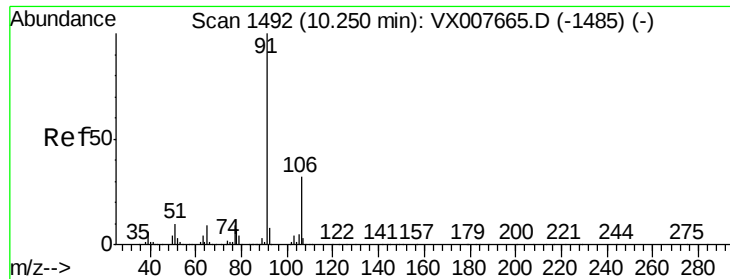
Ion Ratio Lower Upper

131 100

133 94.2 48.0 144.2

119 65.5 32.0 96.0

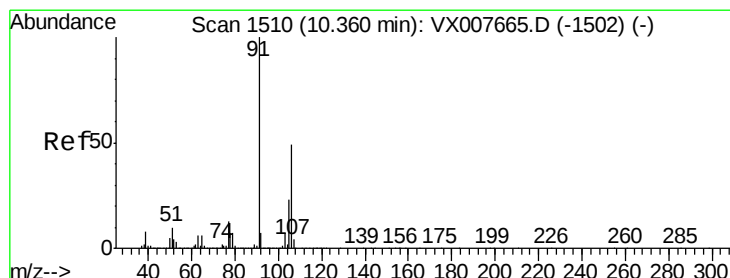
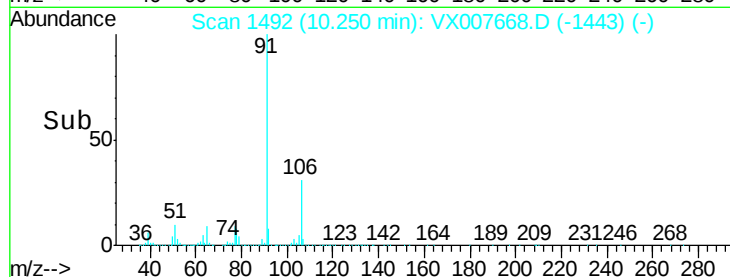
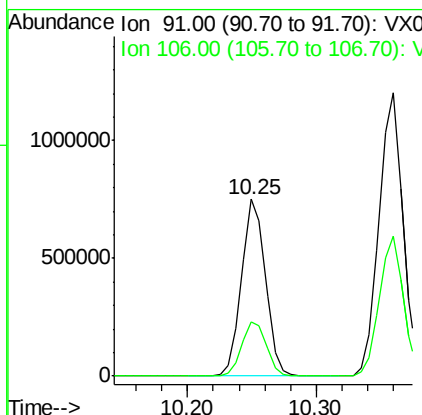
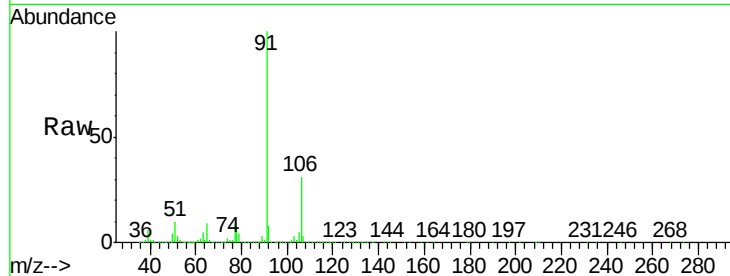




#67
Ethyl Benzene
Concen: 50.423 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

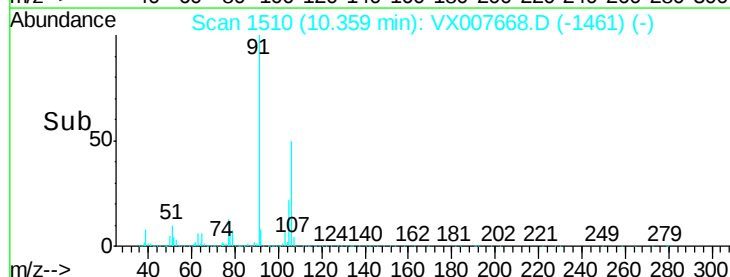
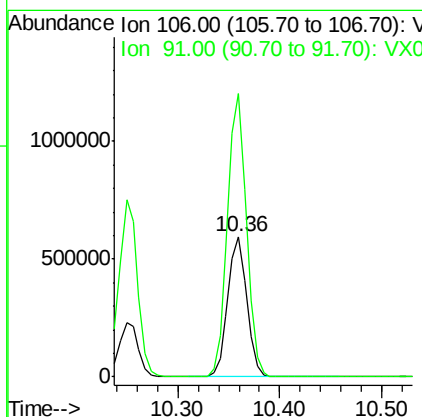
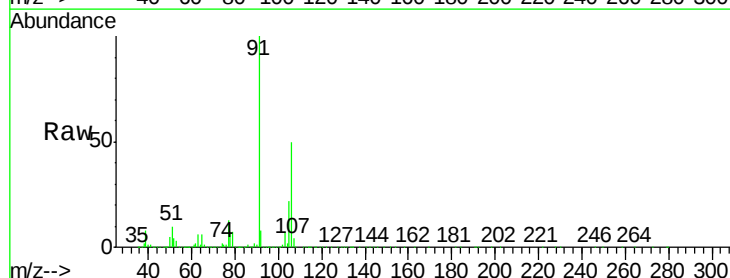
Instrument :
MSVOA_X
ClientSampleId :
ICVX022519

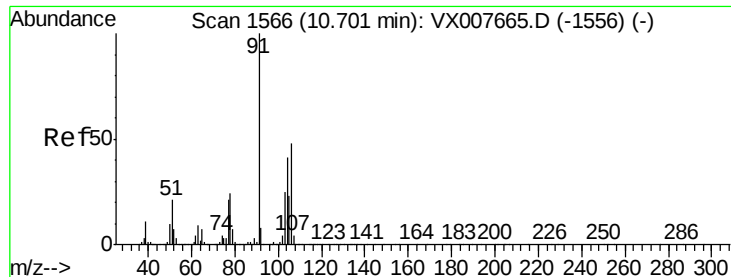
Tot Ion: 91 Resp: 969519
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0



#68
m/p-Xylenes
Concen: 102.300 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion: 106 Resp: 765224
Ion Ratio Lower Upper
106 100
91 202.1 156.6 234.8

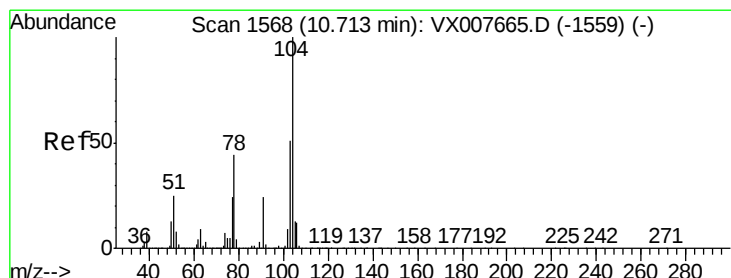
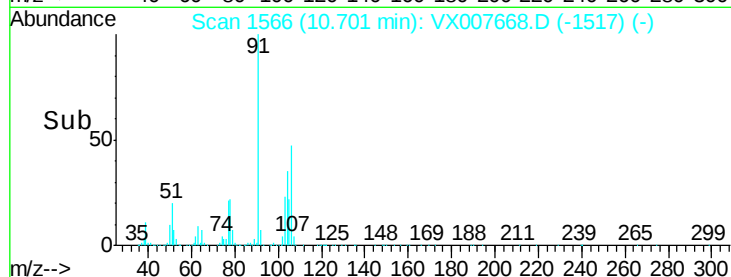
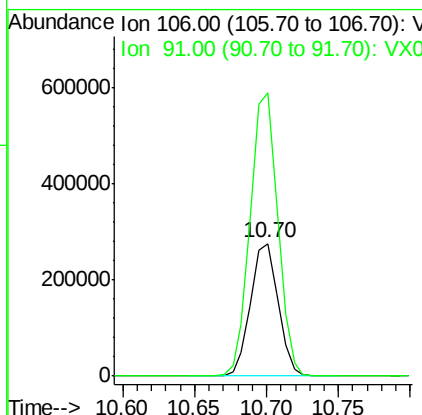
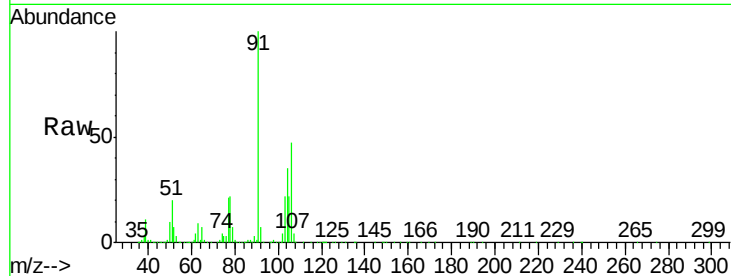




#69
o-Xylene
Concen: 50.597 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

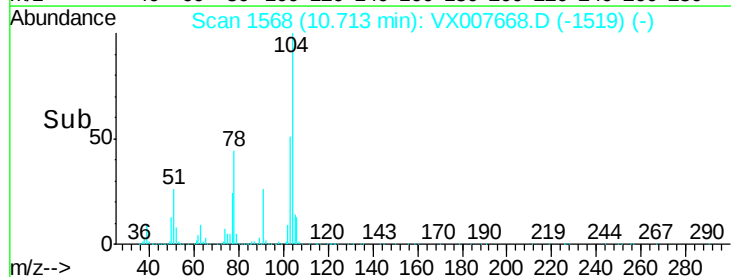
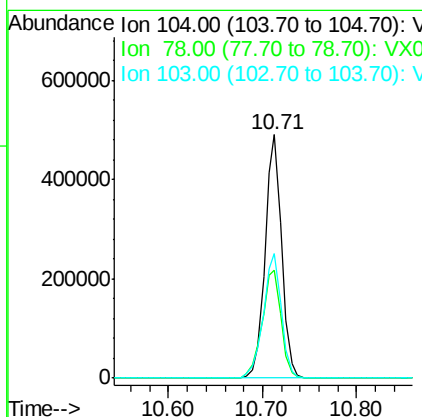
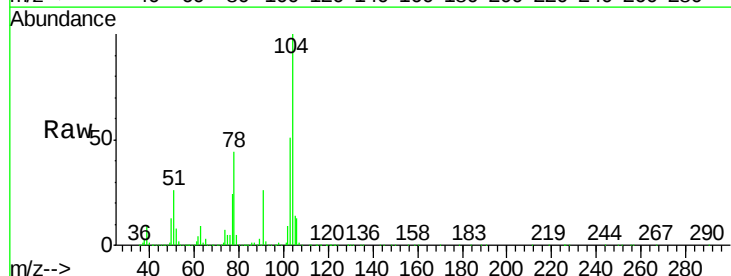
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

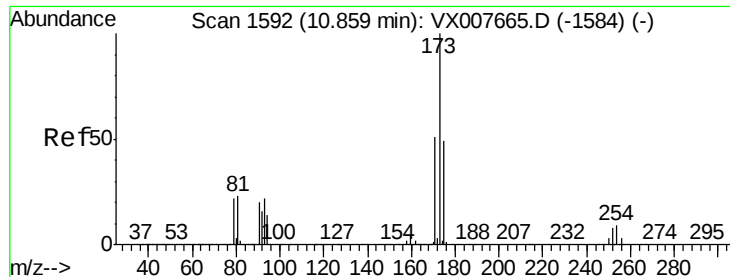
Tot Ion:106 Resp: 364046
Ion Ratio Lower Upper
106 100
91 213.5 102.9 308.7



#70
Styrene
Concen: 51.538 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion:104 Resp: 609515
Ion Ratio Lower Upper
104 100
78 50.8 38.3 57.5
103 55.6 44.6 67.0





#71

Bromoform

Concen: 50.647 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

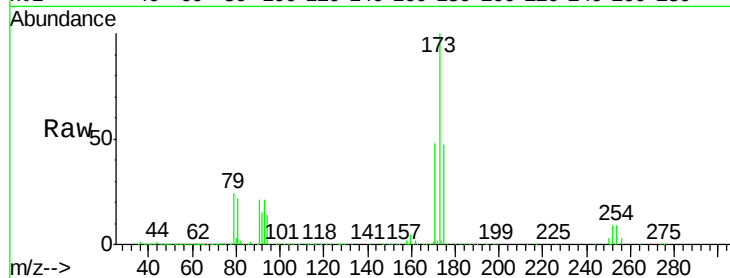
Tot Ion:173 Resp: 153771

Ion Ratio Lower Upper

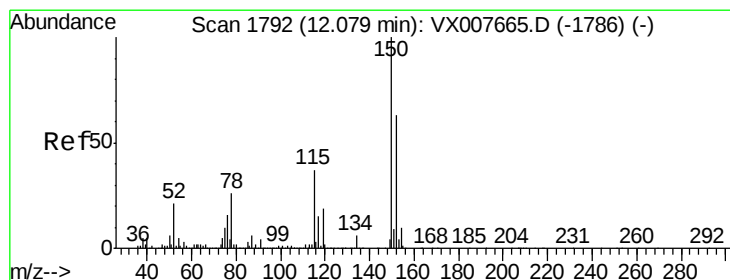
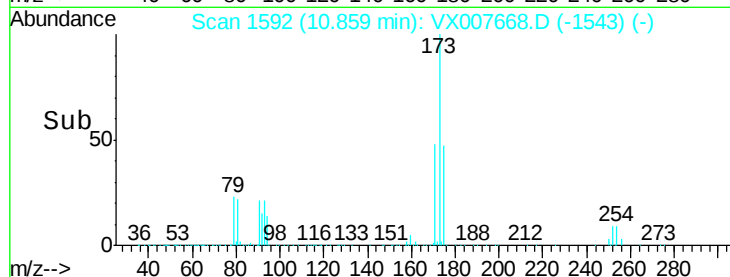
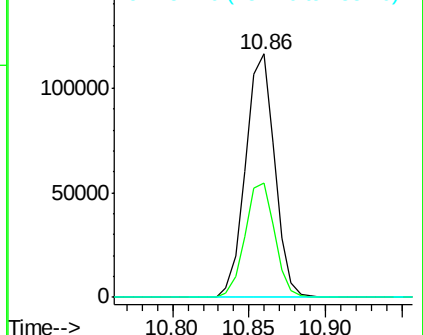
173 100

175 47.9 24.2 72.6

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

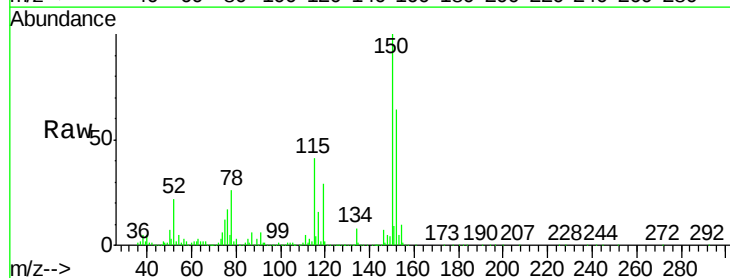
Tgt Ion:152 Resp: 275115

Ion Ratio Lower Upper

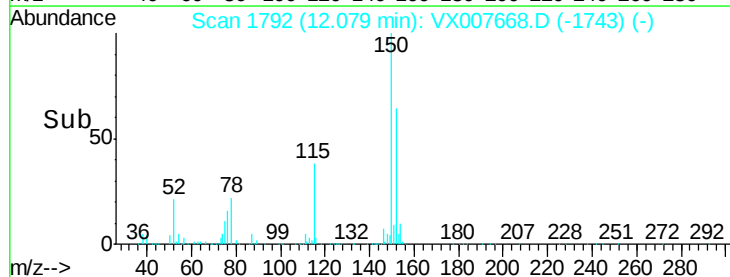
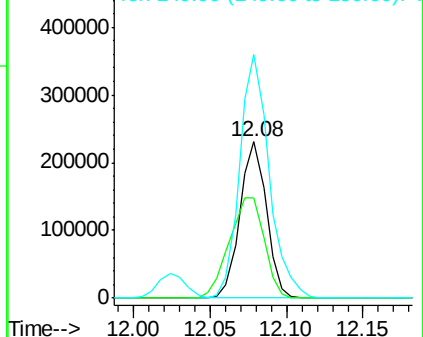
152 100

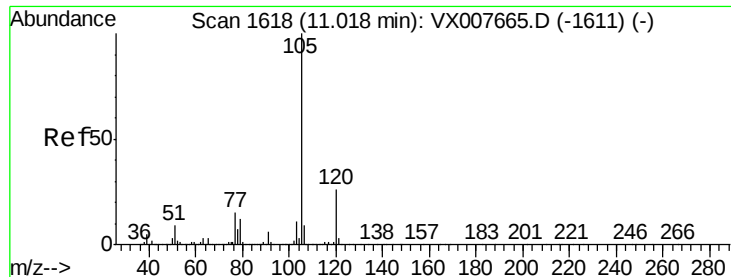
115 85.3 38.0 114.0

150 175.3 0.0 346.4



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





#73

Isopropylbenzene

Concen: 50.558 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

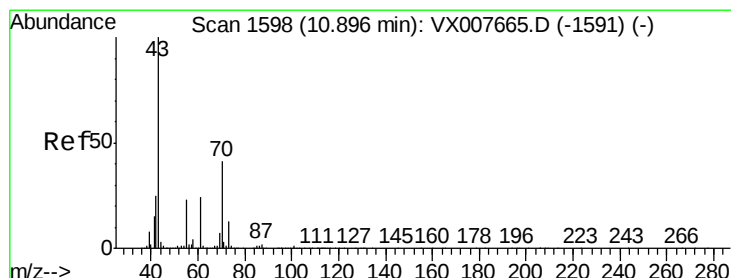
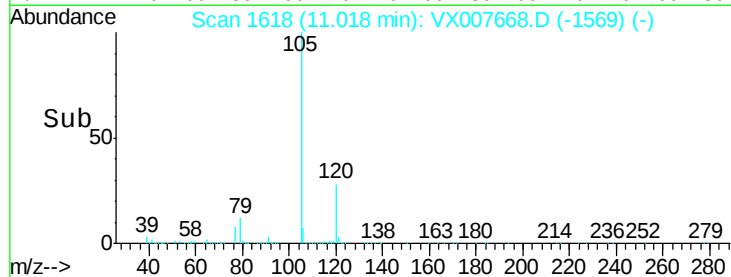
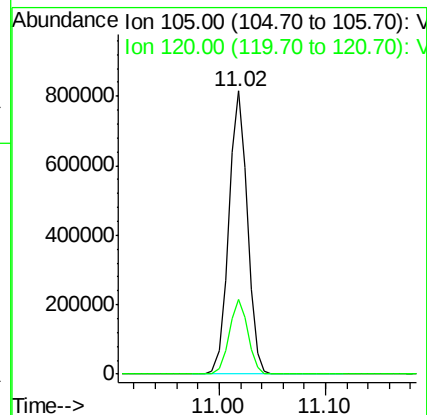
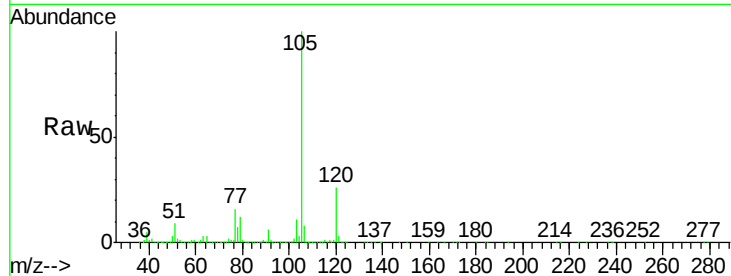
ICVVX022519

Tot Ion:105 Resp: 994113

Ion Ratio Lower Upper

105 100

120 26.4 13.6 40.7



#74

N-ethyl acetate

Concen: 53.390 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion: 43 Resp: 455886

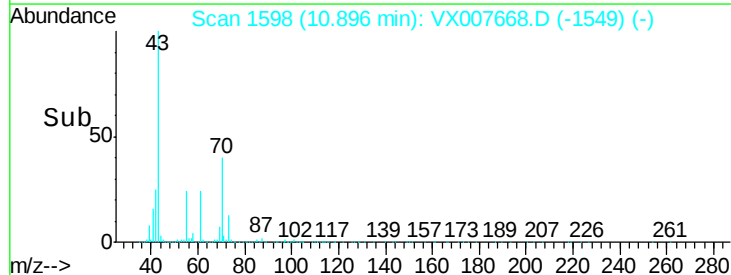
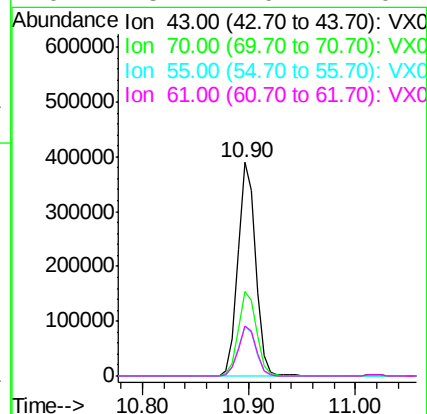
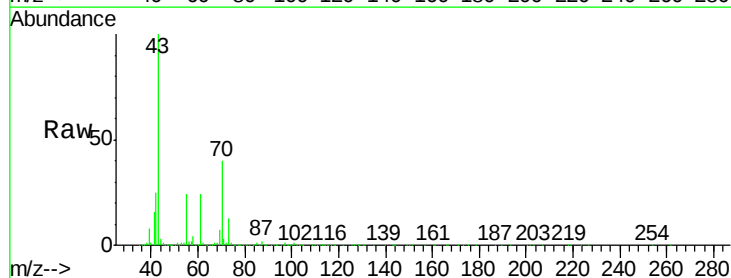
Ion Ratio Lower Upper

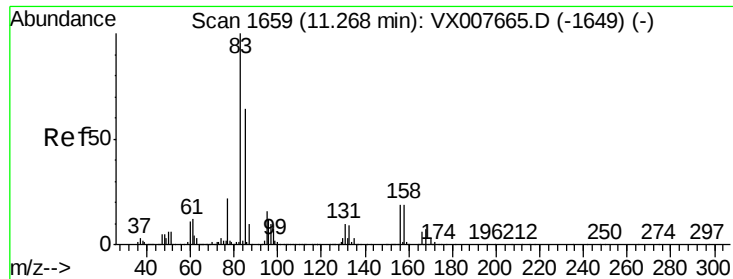
43 100

70 40.7 33.8 50.6

55 23.7 19.5 29.3

61 23.7 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.746 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

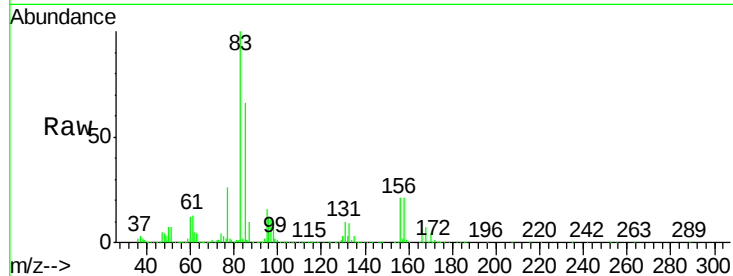
Tot Ion: 83 Resp: 324710

Ion Ratio Lower Upper

83 100

131 10.0 5.7 17.0

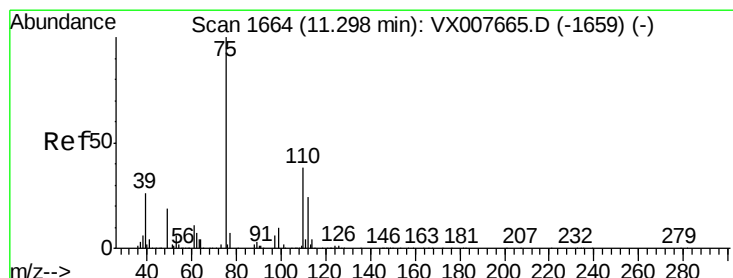
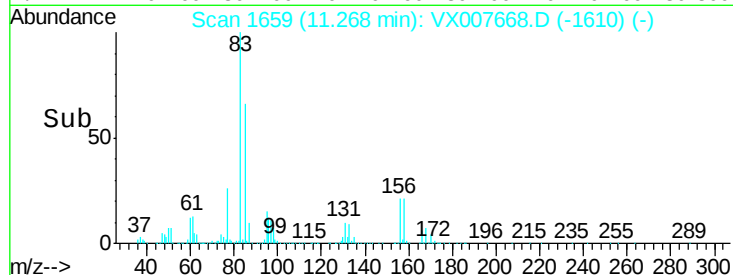
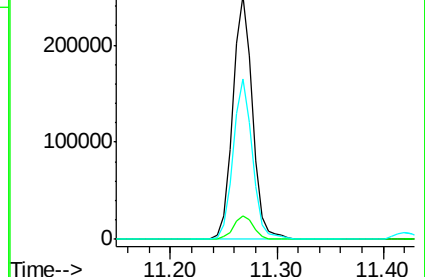
85 64.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.493 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007668.D

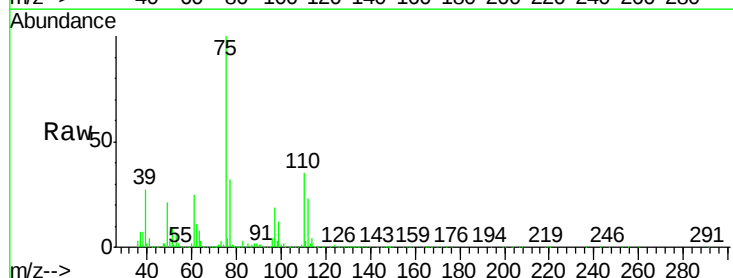
Acq: 25 Feb 2019 12:28

Tgt Ion: 75 Resp: 395795

Ion Ratio Lower Upper

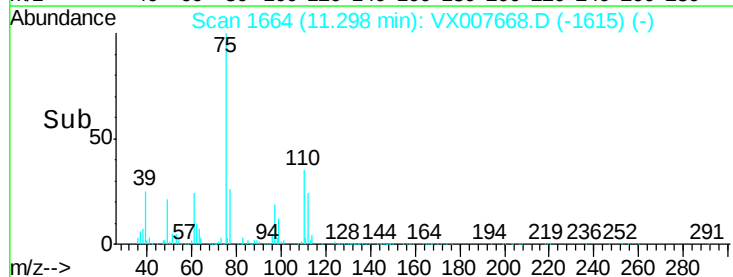
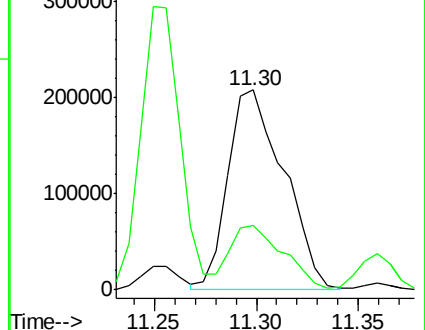
75 100

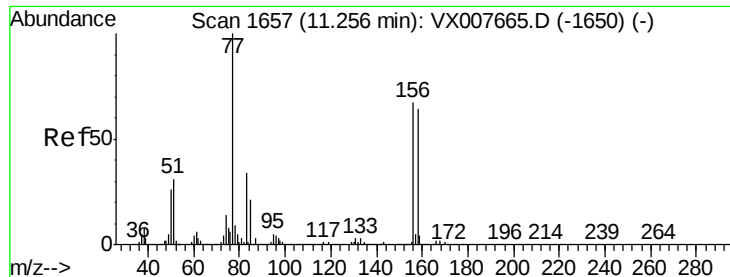
77 30.3 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.707 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX022519

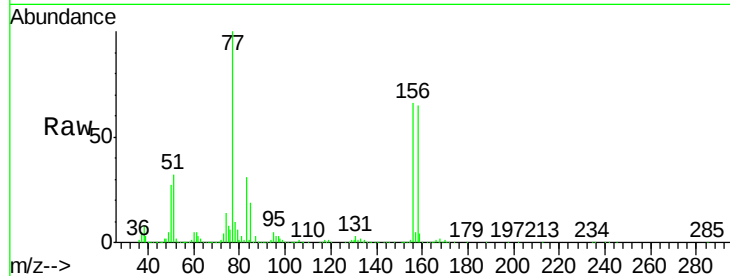
Tot Ion:156 Resp: 240218

Ion Ratio Lower Upper

156 100

77 165.2 66.8 200.6

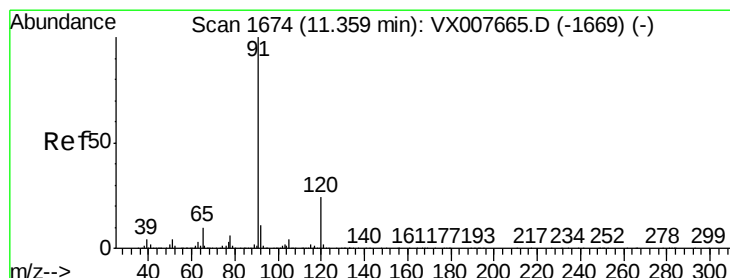
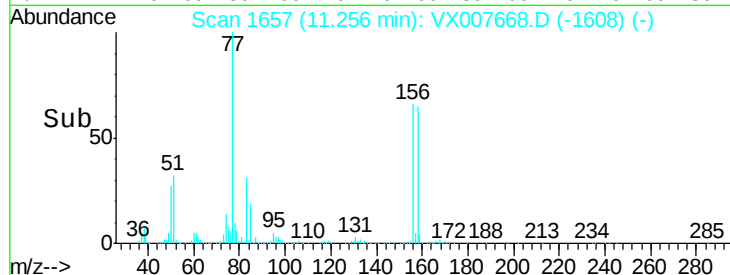
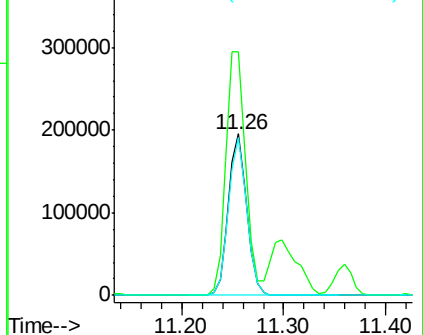
158 97.4 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.597 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007668.D

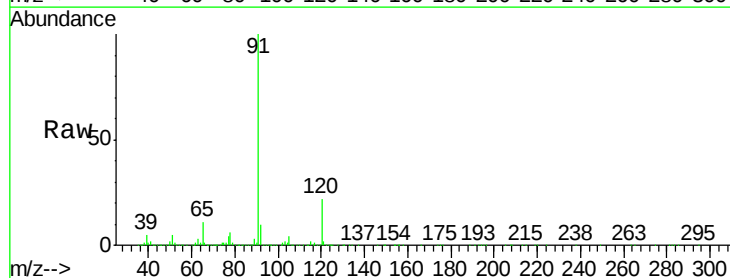
Acq: 25 Feb 2019 12:28

Tgt Ion: 91 Resp: 1168660

Ion Ratio Lower Upper

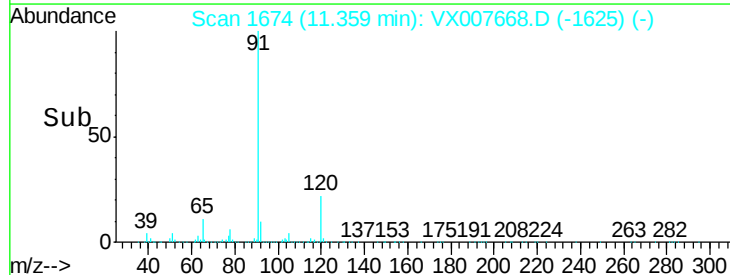
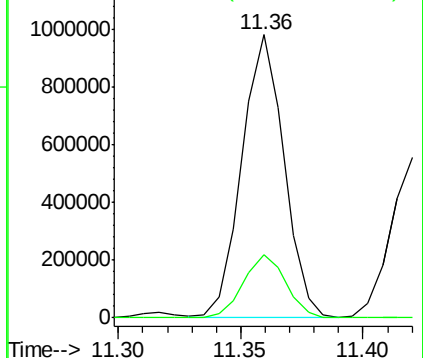
91 100

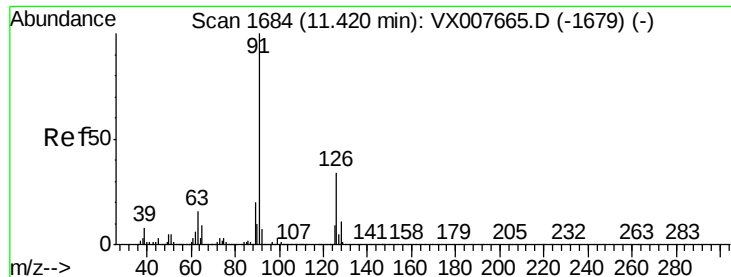
120 22.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.429 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

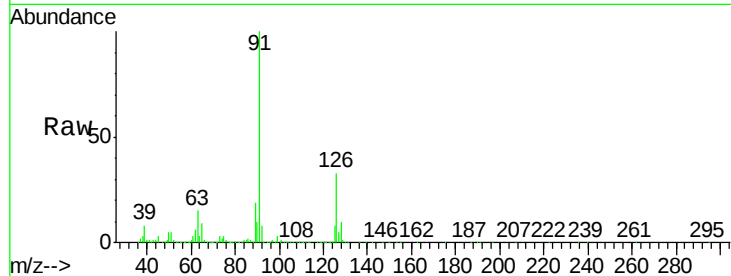
ICVVX022519

Tot Ion: 91 Resp: 674677

Ion Ratio Lower Upper

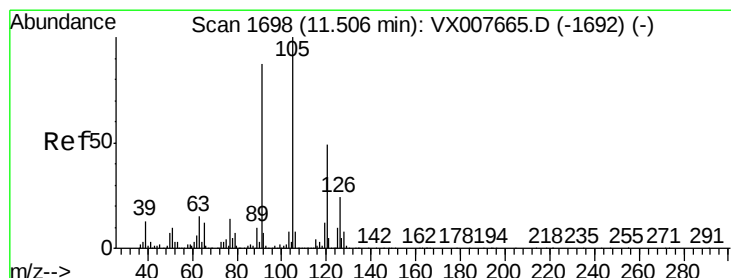
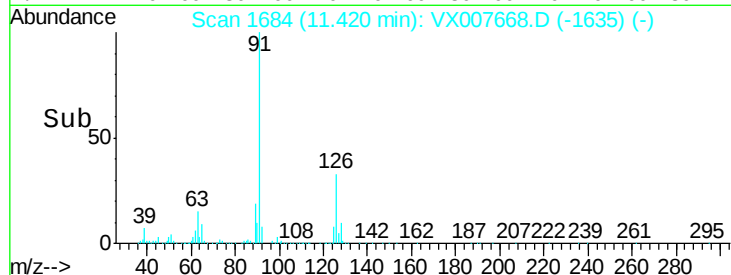
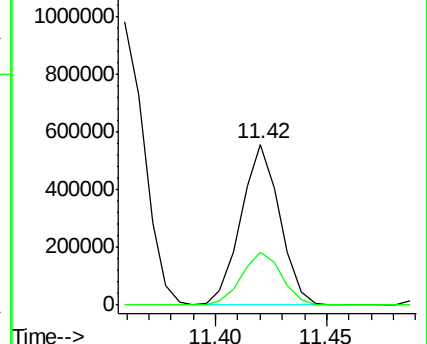
91 100

126 34.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.715 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007668.D

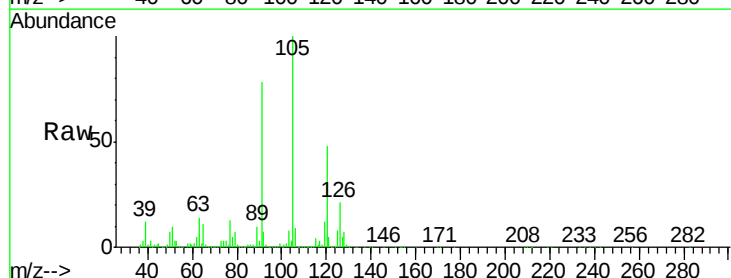
Acq: 25 Feb 2019 12:28

Tgt Ion: 105 Resp: 836426

Ion Ratio Lower Upper

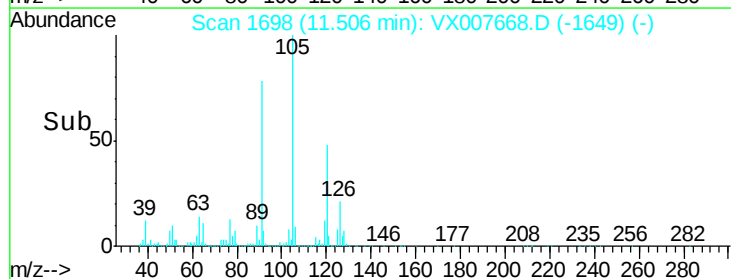
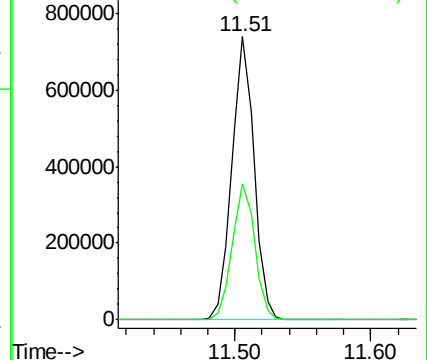
105 100

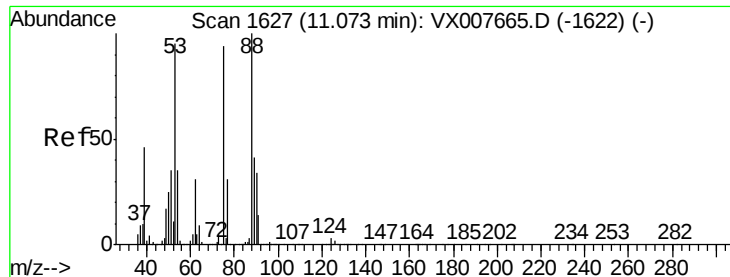
120 48.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.296 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

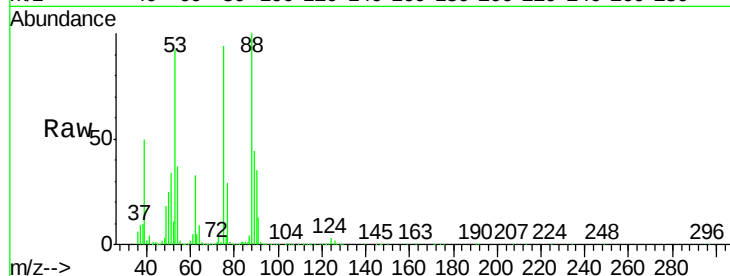
Tot Ion: 75 Resp: 105450

Ion Ratio Lower Upper

75 100

53 100.3 81.0 121.6

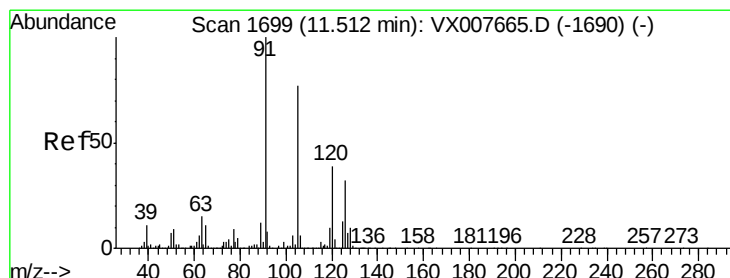
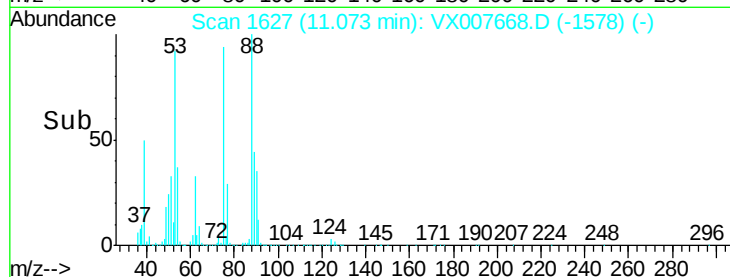
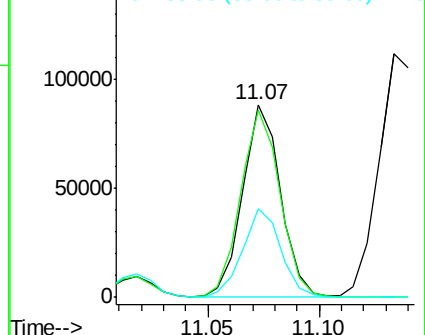
89 46.8 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.203 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007668.D

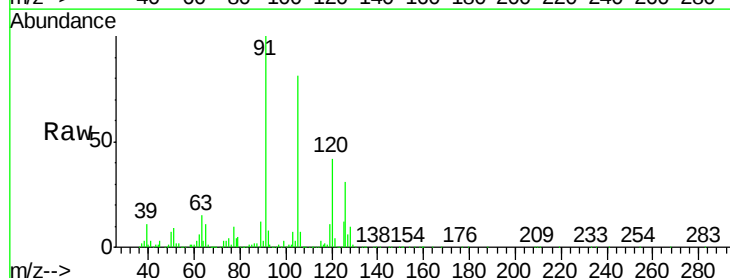
Acq: 25 Feb 2019 12:28

Tgt Ion: 91 Resp: 817022

Ion Ratio Lower Upper

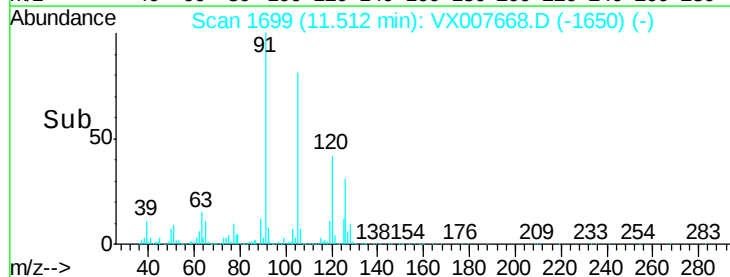
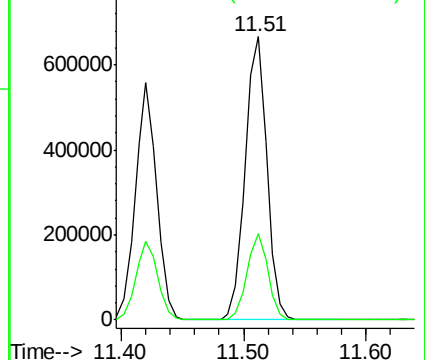
91 100

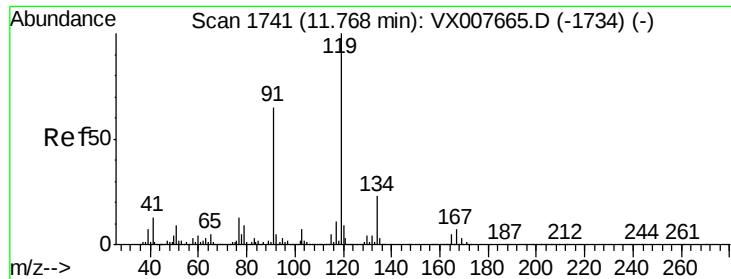
126 29.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

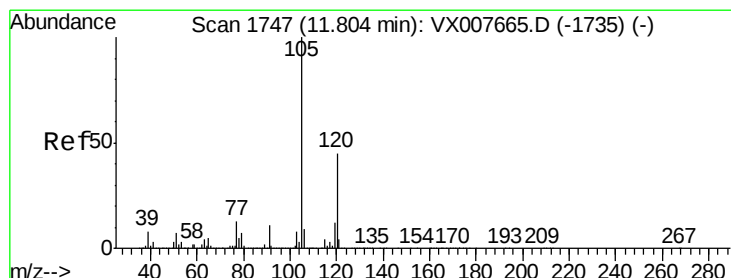
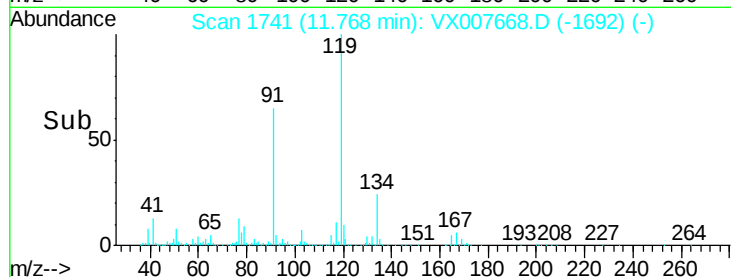
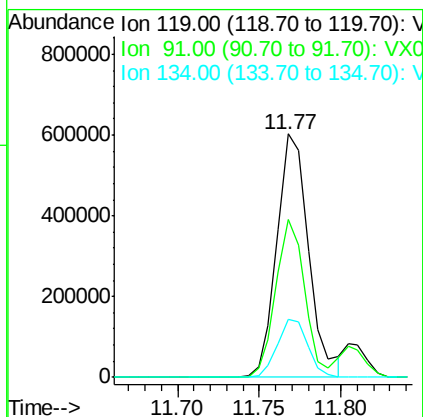
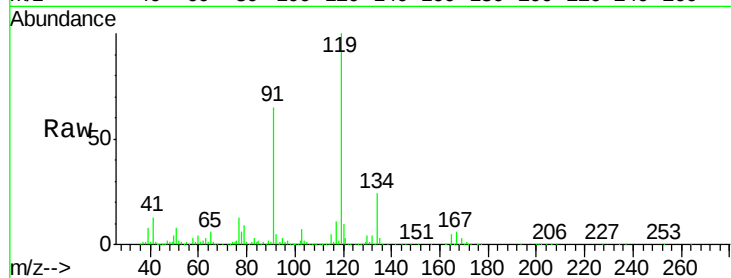




#83
tert-Butylbenzene
Concen: 52.191 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

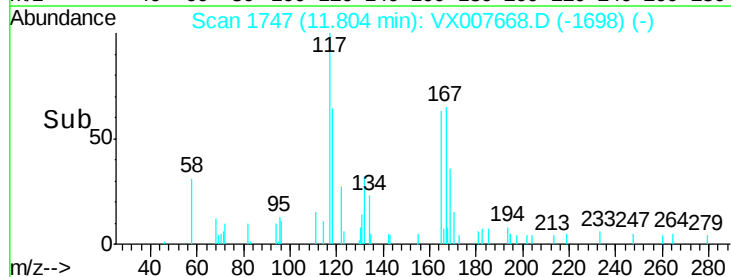
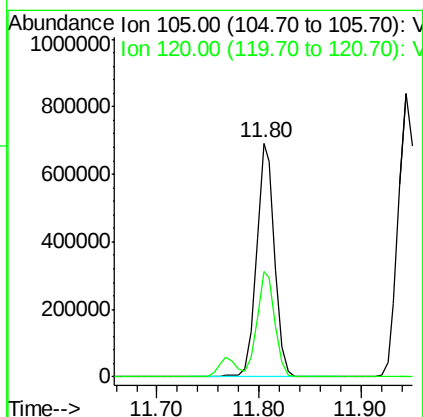
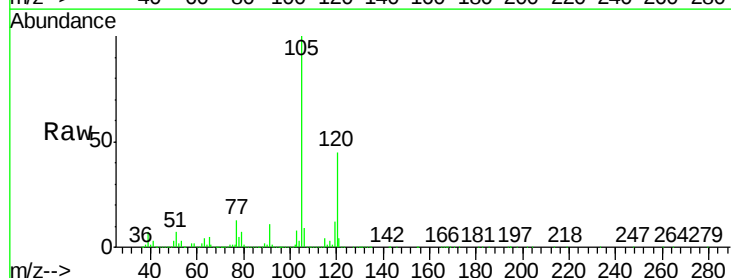
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

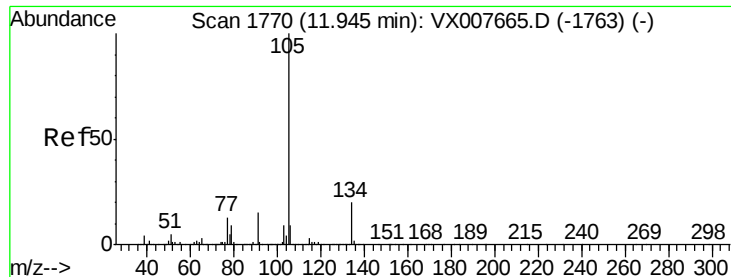
Tot Ion:119 Resp: 810474
Ion Ratio Lower Upper
119 100
91 59.0 28.5 85.6
134 22.7 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 51.811 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion:105 Resp: 857162
Ion Ratio Lower Upper
105 100
120 44.6 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.957 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

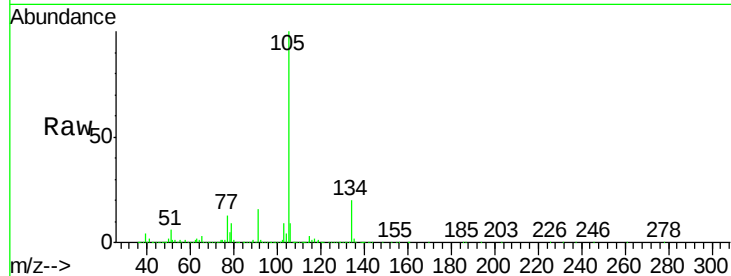
ICVVX022519

Tot Ion:105 Resp: 1011065

Ion Ratio Lower Upper

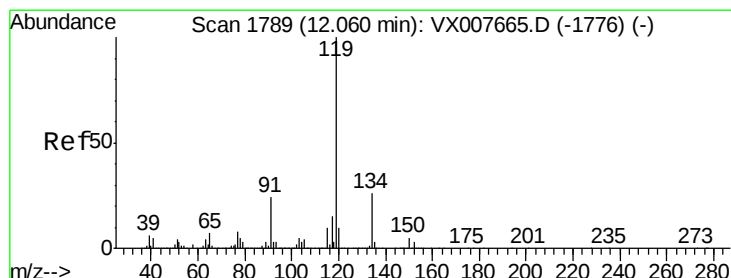
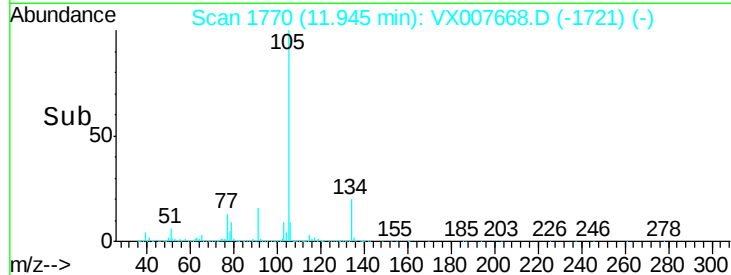
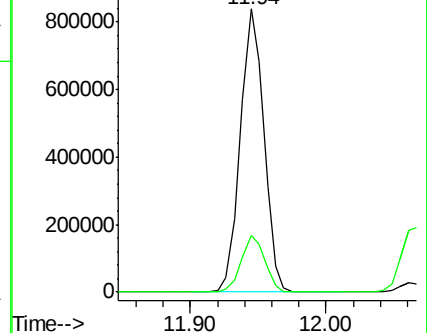
105 100

134 20.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.567 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

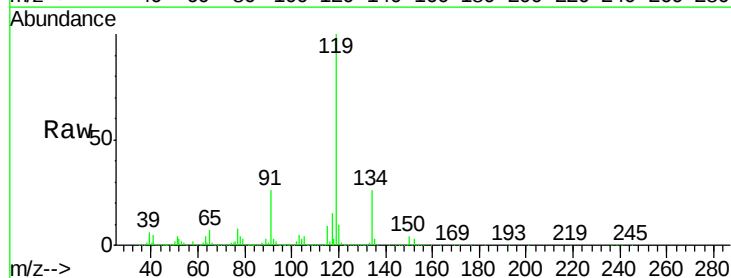
Tgt Ion:119 Resp: 895844

Ion Ratio Lower Upper

119 100

134 26.1 13.7 41.1

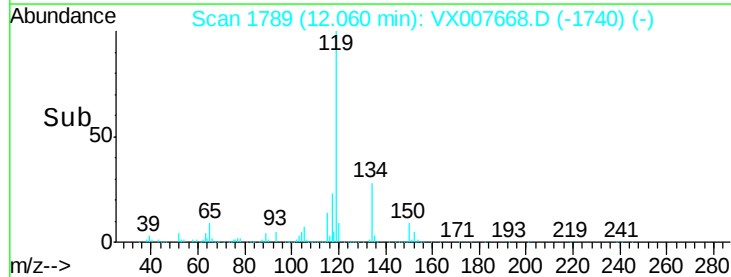
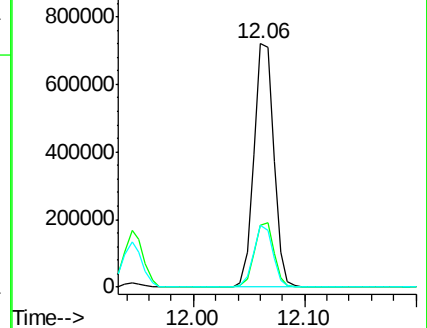
91 24.4 11.2 33.5

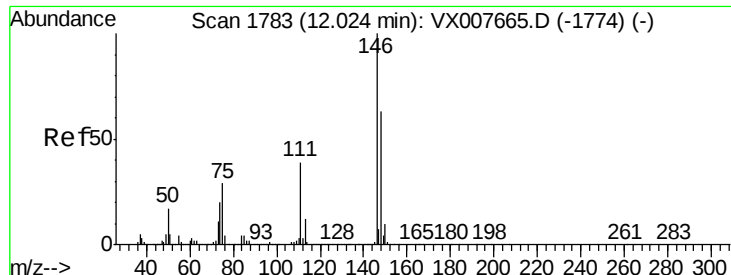


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

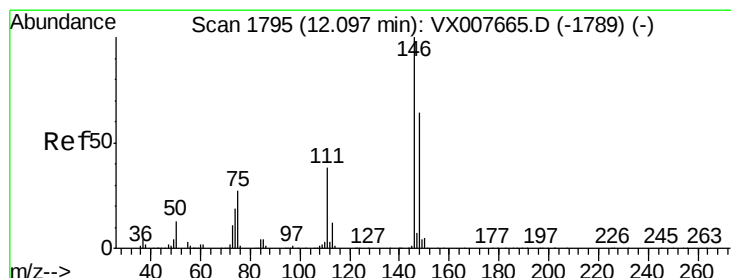
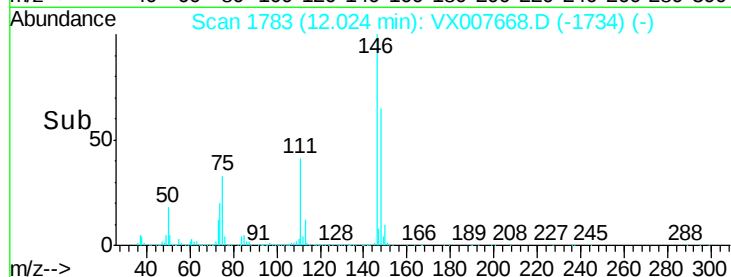
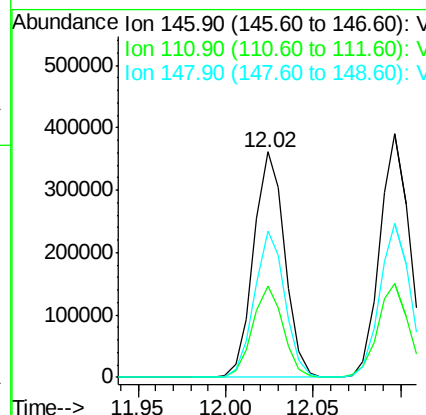
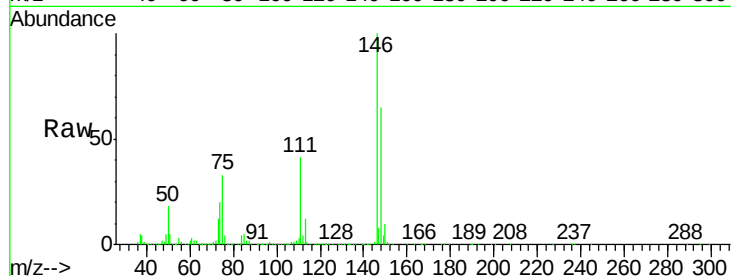




#87
 1,3-Dichlorobenzene
 Concen: 49.191 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

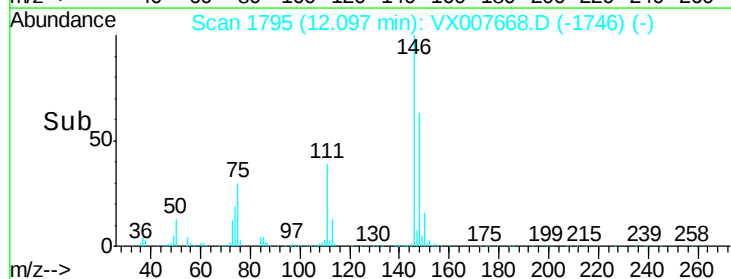
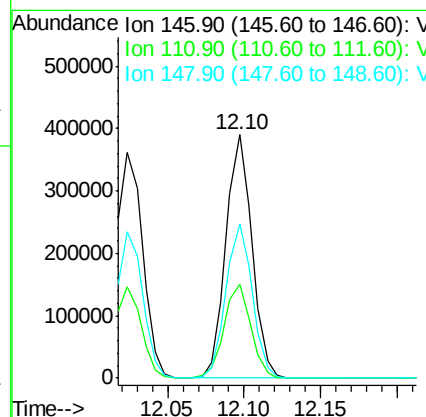
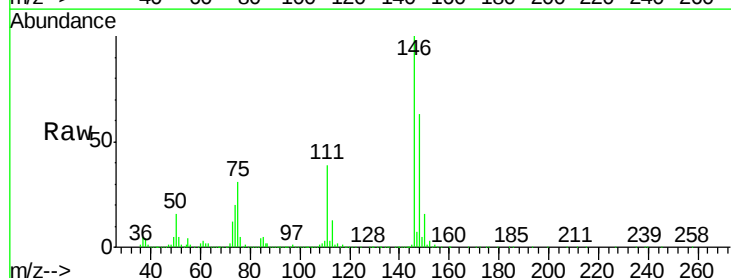
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

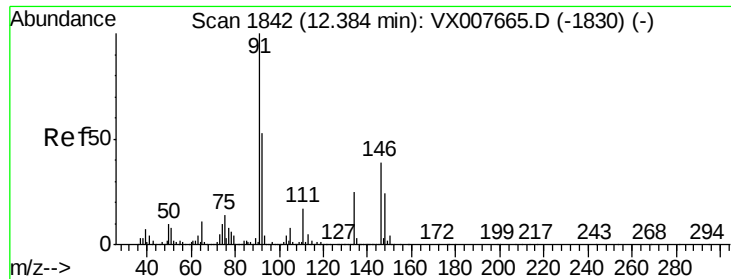
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.1	54.1
148	63.4	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.193 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.1	54.1
148	63.9	32.3	96.9

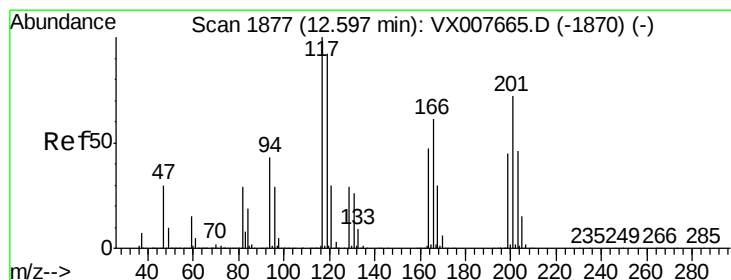
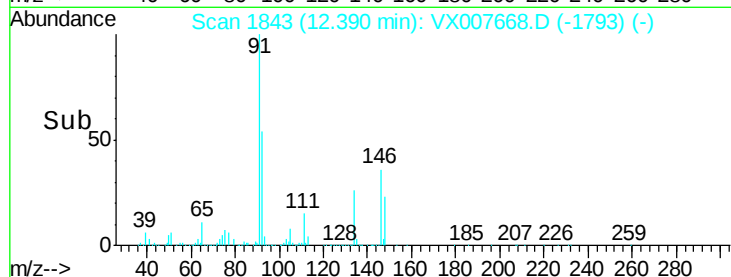
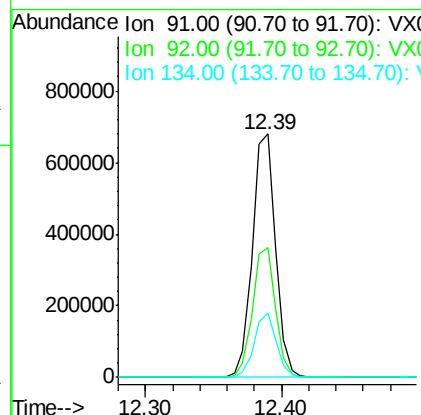
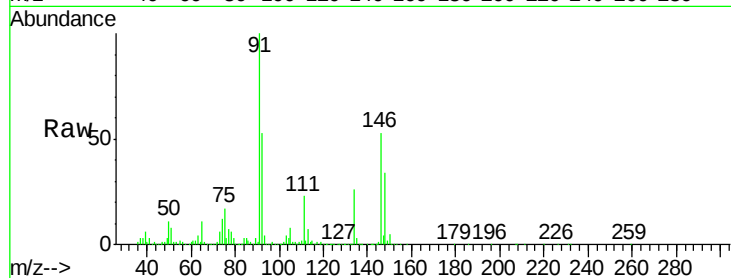




#89
n-Butylbenzene
Concen: 53.368 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

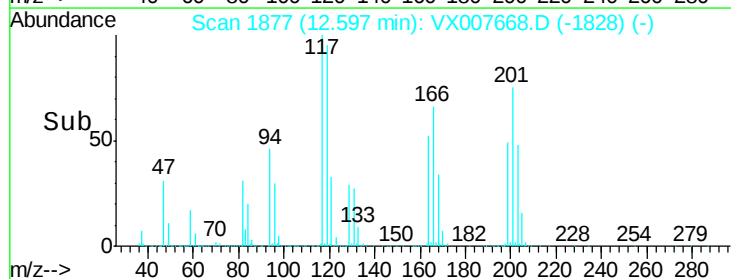
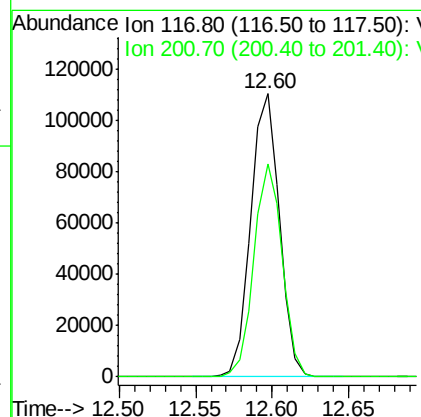
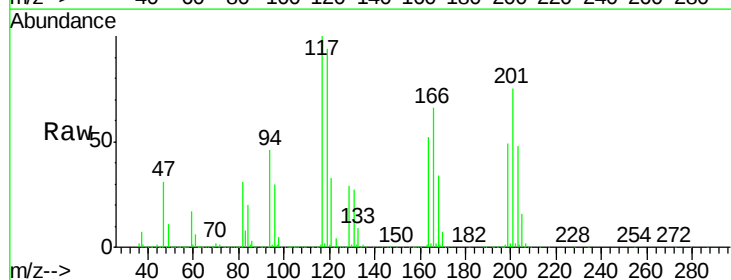
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

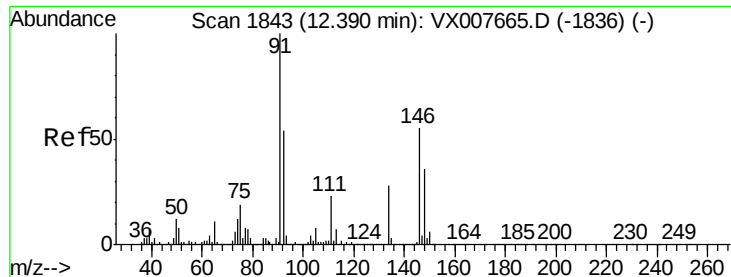
Tot Ion: 91 Resp: 811118
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 25.5 13.9 41.6



#90
Hexachloroethane
Concen: 49.904 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion: 117 Resp: 143299
Ion Ratio Lower Upper
117 100
201 74.5 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 48.788 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

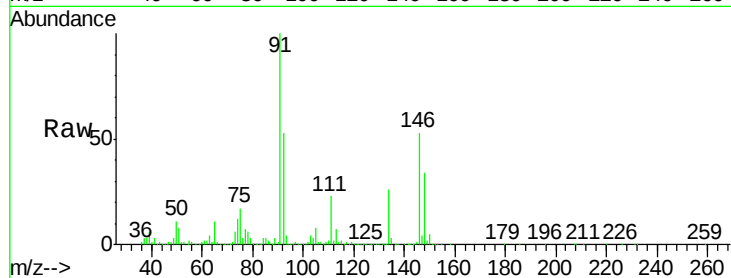
Tot Ion:146 Resp: 446573

Ion Ratio Lower Upper

146 100

111 42.2 19.1 57.3

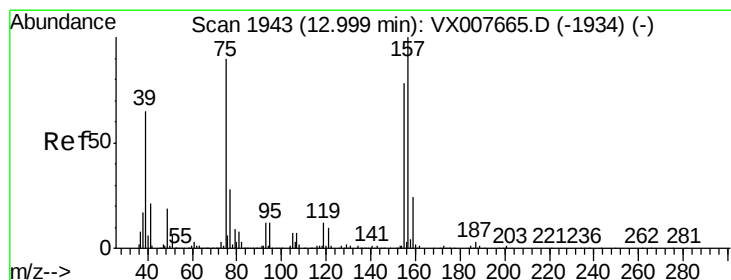
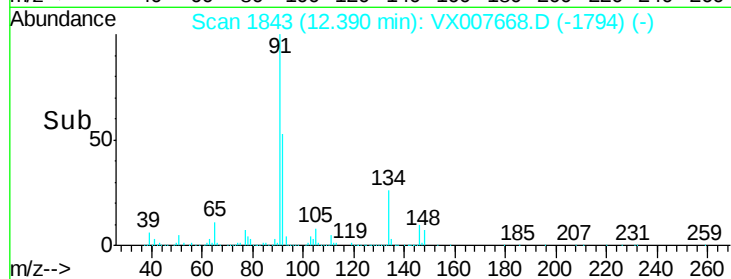
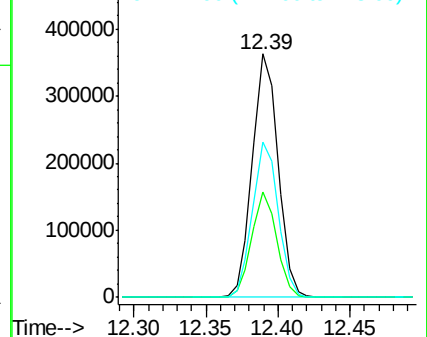
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.903 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

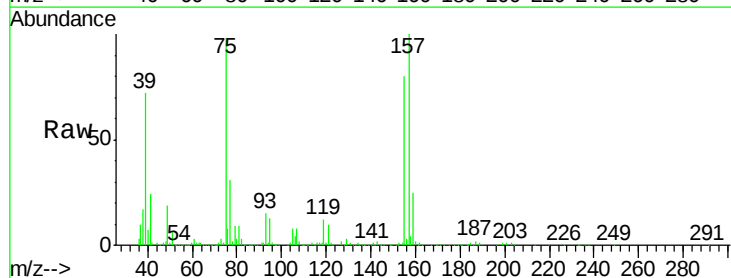
Tgt Ion: 75 Resp: 72464

Ion Ratio Lower Upper

75 100

155 85.3 49.6 149.0

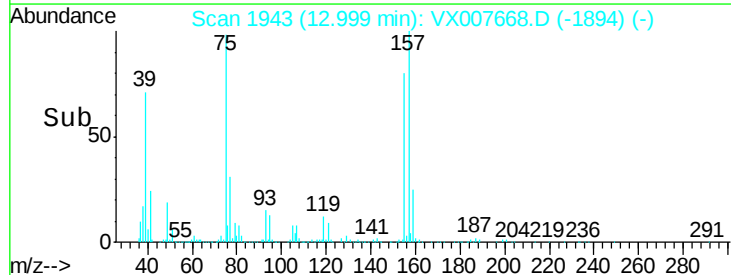
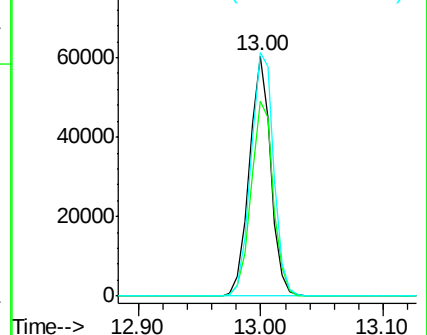
157 109.2 65.1 195.3

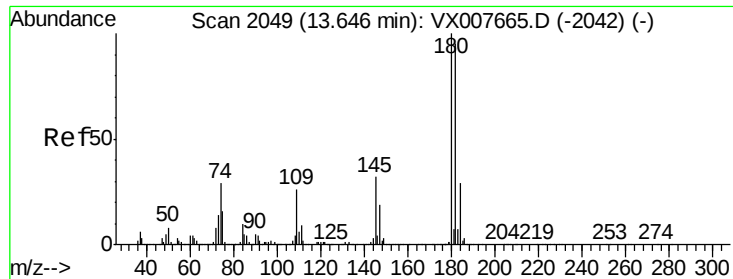


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

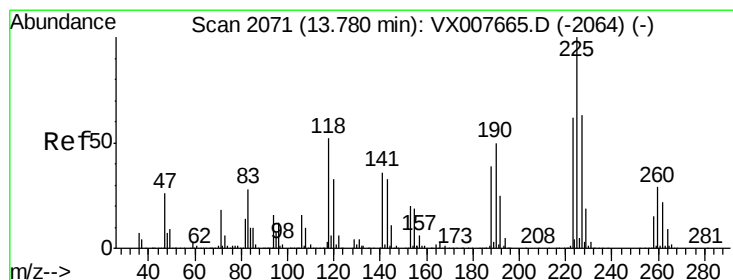
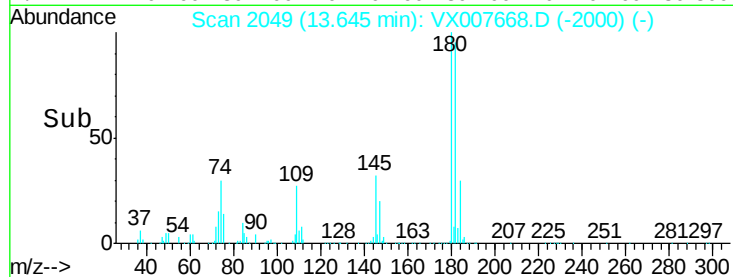
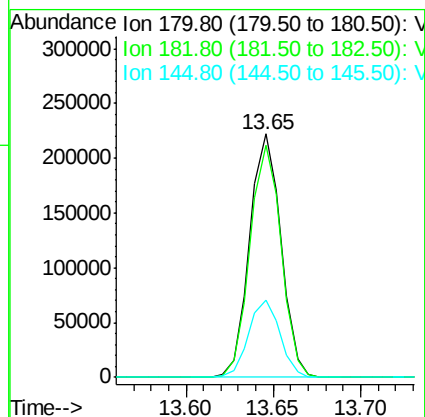
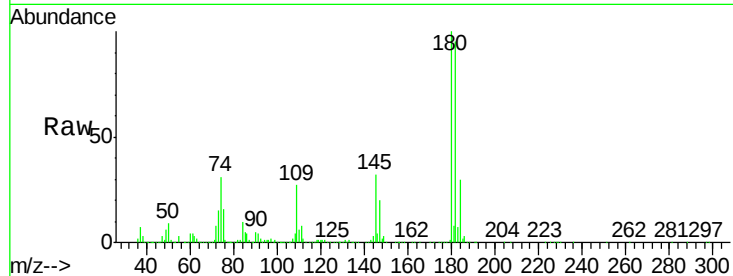




#93
 1,2,4-Trichlorobenzene
 Concen: 49.607 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

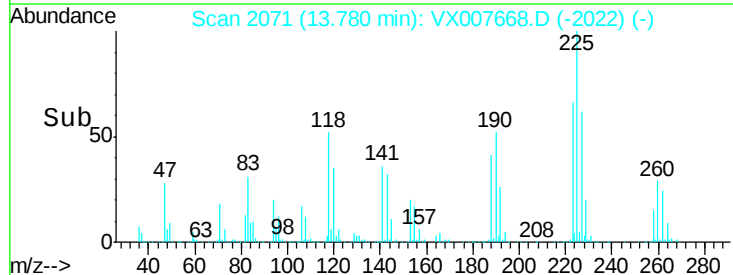
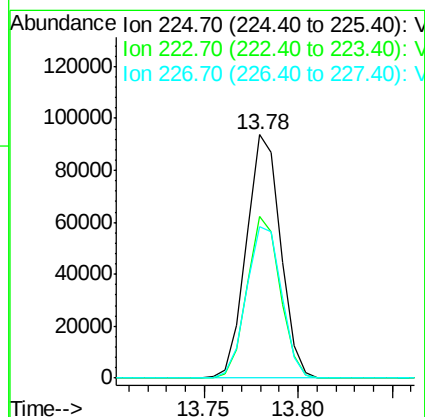
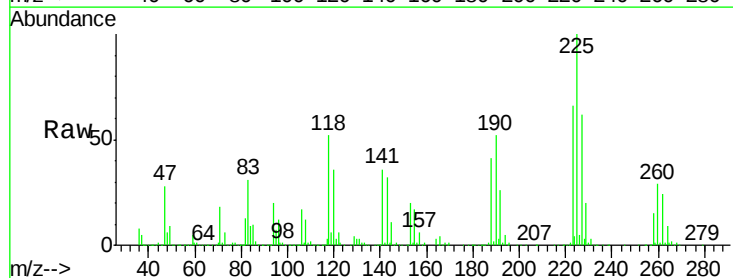
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

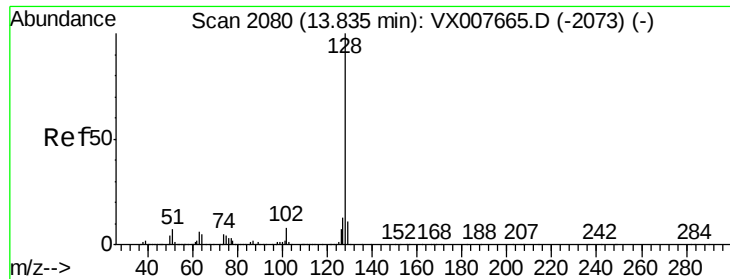
Tot Ion:180 Resp: 277166
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 31.8 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 46.090 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion:225 Resp: 117806
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.6 94.8
 227 64.0 32.1 96.3





#95

Naphthalene

Concen: 52.426 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

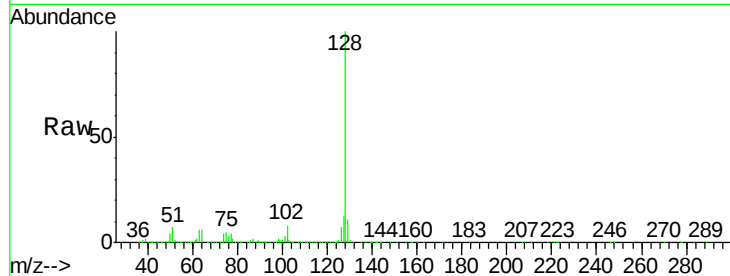
Tot Ion:128 Resp: 949004

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

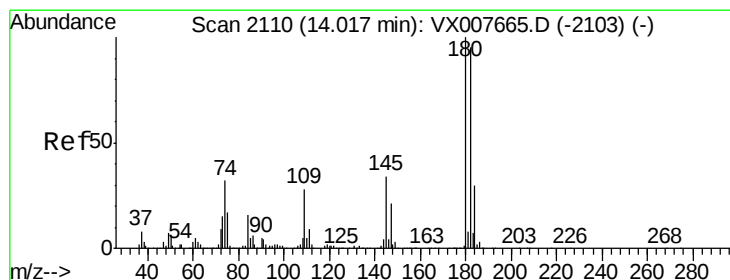
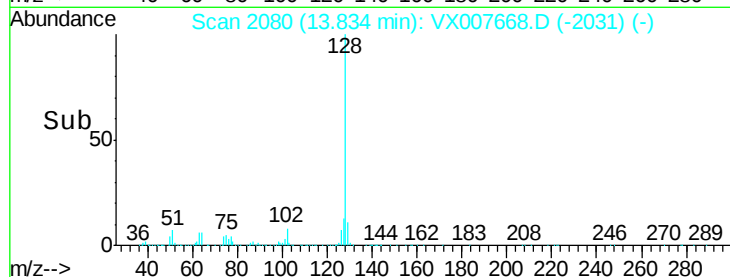
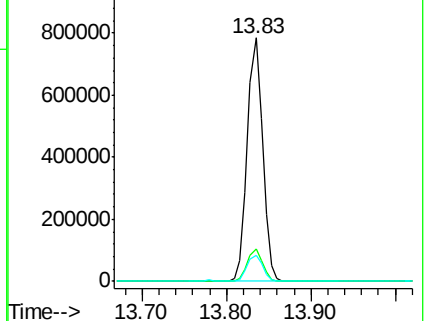
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.877 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

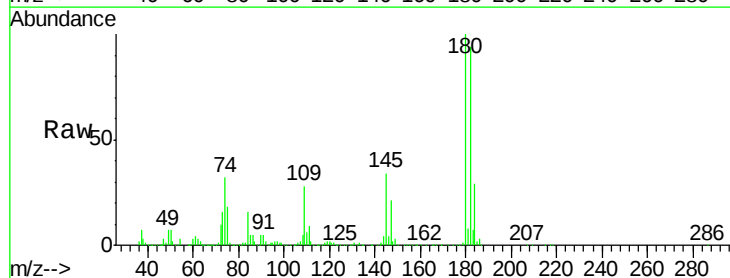
Tgt Ion:180 Resp: 274208

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.6

145 33.3 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

