

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010027.D
 Acq On : 03 Jun 2019 11:43
 Operator : JC/SP
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:38:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103111	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	
35) Dibromofluoromethane	5.49	113	76683	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	8.71	98	313990	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	114068	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	41978	19.563	ug/l	99
3) Chloromethane	1.33	50	46355	16.070	ug/l	100
4) Vinyl Chloride	1.41	62	42538	16.358	ug/l	96
5) Bromomethane	1.64	94	22175	14.074	ug/l	96
6) Chloroethane	1.72	64	26192	16.362	ug/l	98
7) Trichlorofluoromethane	1.93	101	50794	17.676	ug/l	98
8) Diethyl Ether	2.19	74	21173	15.679	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31866	18.367	ug/l	99
10) Methyl Iodide	2.51	142	29130	16.953	ug/l	100
11) Tert butyl alcohol	3.04	59	53887	88.277	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30704	17.266	ug/l	97
13) Acrolein	2.29	56	30800	86.272	ug/l	97
14) Allyl chloride	2.73	41	73002	16.890	ug/l	97
15) Acrylonitrile	3.14	53	120197	81.721	ug/l	99
16) Acetone	2.44	43	125223	87.377	ug/l	99
17) Carbon Disulfide	2.57	76	89568	16.890	ug/l	99
18) Methyl Acetate	2.78	43	55246	16.567	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	117111	17.443	ug/l	97
20) Methylene Chloride	2.85	84	36879	16.804	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33546	16.954	ug/l	98
22) Diisopropyl ether	3.85	45	143434	17.441	ug/l	94
23) Vinyl Acetate	3.81	43	622973	84.324	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68650	17.225	ug/l	97
25) 2-Butanone	4.67	43	187146	83.817	ug/l	100
26) 2,2-Dichloropropane	4.58	77	53531	17.756	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	38791	16.984	ug/l	97
28) Bromochloromethane	5.01	49	35771	17.296	ug/l	97
29) Tetrahydrofuran	5.13	42	117722	82.219	ug/l	98
30) Chloroform	5.21	83	62526	17.396	ug/l	100
31) Cyclohexane	5.58	56	69495	18.411	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	52893	18.070	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49093	18.219	ug/l	100
37) Ethyl Acetate	4.83	43	67477	17.972	ug/l	99
38) Carbon Tetrachloride	5.78	117	45085	19.362	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61706	19.306	ug/l	99
40) Benzene	6.14	78	150137	18.783	ug/l	98
41) Methacrylonitrile	5.04	41	38856	17.711	ug/l	99
42) 1,2-Dichloroethane	6.19	62	55121	18.653	ug/l	100
43) Isopropyl Acetate	6.44	43	106504	17.580	ug/l	98
44) Trichloroethene	7.21	130	36695	18.899	ug/l	92
45) 1,2-Dichloropropane	7.51	63	42314	18.389	ug/l	95
46) Dibromomethane	7.66	93	23867	17.621	ug/l	97
47) Bromodichloromethane	7.90	83	48892	18.983	ug/l	100
48) Methyl methacrylate	7.77	41	53292	17.770	ug/l	99
49) 1,4-Dioxane	7.74	88	20474	367.018	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	349562	88.700	ug/l	99
52) Toluene	8.78	92	92779	19.117	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	56744	18.370	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	61498	18.273	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36481	18.676	ug/l	98
56) Ethyl methacrylate	9.18	69	65211	18.751	ug/l	98
57) 1,3-Dichloropropane	9.37	76	64448	18.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	164021	89.944	ug/l	100
59) 2-Hexanone	9.49	43	278660	91.841	ug/l	99
60) Dibromochloromethane	9.58	129	36981	19.245	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37594	18.733	ug/l	100
64) Tetrachloroethene	9.34	164	33060	19.422	ug/l	98
65) Chlorobenzene	10.13	112	95804	18.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34588	19.547	ug/l	100
67) Ethyl Benzene	10.25	91	176163	19.231	ug/l	99
68) m/p-Xylenes	10.35	106	130430	38.541	ug/l	98
69) o-Xylene	10.69	106	61831	19.051	ug/l	99
70) Styrene	10.71	104	109309	19.207	ug/l	99
71) Bromoform	10.85	173	27953	19.326	ug/l #	97
73) Isopropylbenzene	11.02	105	170130	18.808	ug/l	98
74) N-amyl acetate	10.90	43	96435	17.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59794	17.718	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	69224	23.612	ug/l	81
77) Bromobenzene	11.25	156	42596	18.478	ug/l	96
78) n-propylbenzene	11.36	91	196383	18.835	ug/l	99
79) 2-Chlorotoluene	11.42	91	116320	18.259	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143963	18.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20286	17.120	ug/l	97
82) 4-Chlorotoluene	11.51	91	135008	18.205	ug/l	98
83) tert-Butylbenzene	11.77	119	138644	19.016	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145718	18.829	ug/l	99
85) sec-Butylbenzene	11.94	105	167029	19.257	ug/l	99
86) p-Isopropyltoluene	12.06	119	152962	19.606	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75216	18.327	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75609	18.064	ug/l	99
89) n-Butylbenzene	12.38	91	140094	19.107	ug/l	100
90) Hexachloroethane	12.60	117	25270	18.874	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	76045	18.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14229	17.913	ug/l	95

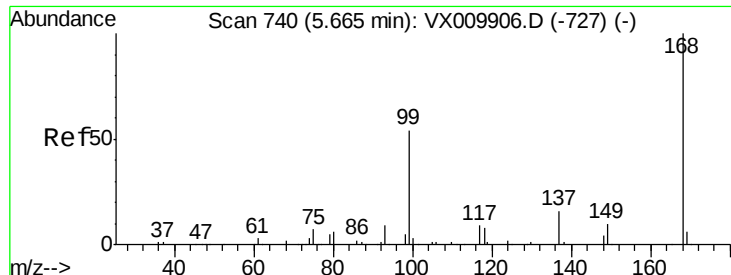
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56196	19.434	ug/l	100
94) Hexachlorobutadiene	13.78	225	28613	19.728	ug/l	99
95) Naphthalene	13.83	128	168400	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55444	19.155	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

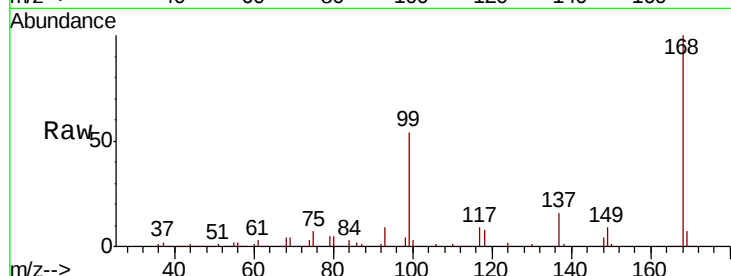
ClientSampleId :

Tot Ion:168 Resp: 175595

Ion Ratio Lower Upper

168 100

99 54.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

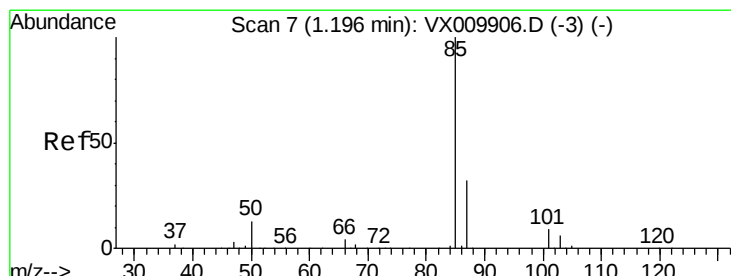
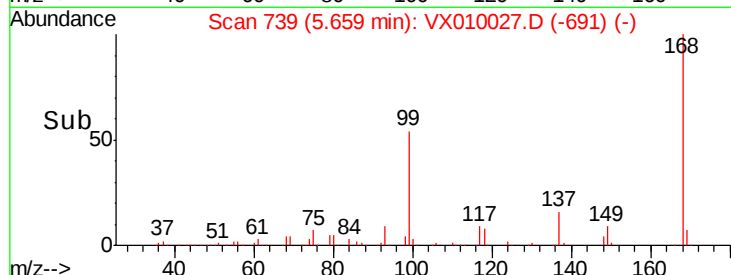
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.563 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010027.D

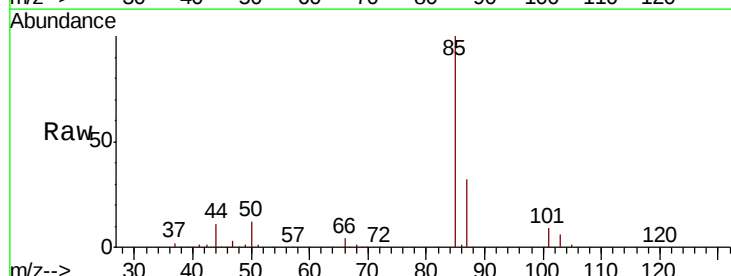
Acq: 03 Jun 2019 11:43

Tgt Ion: 85 Resp: 41978

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

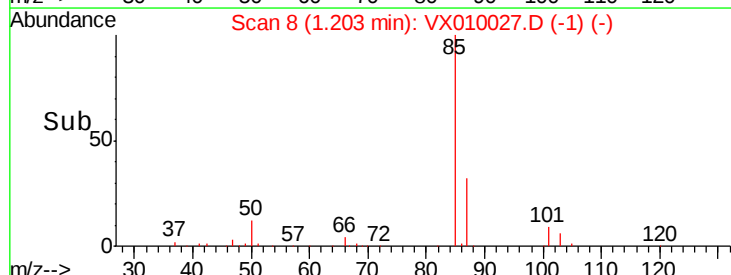
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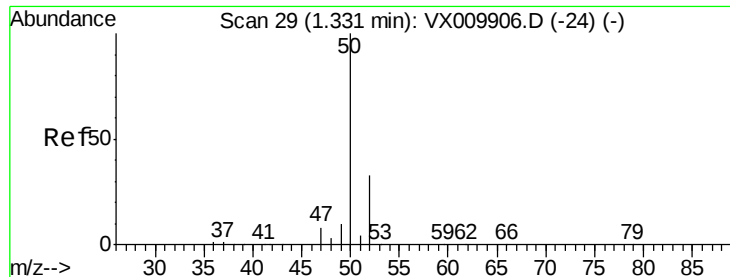
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.070 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

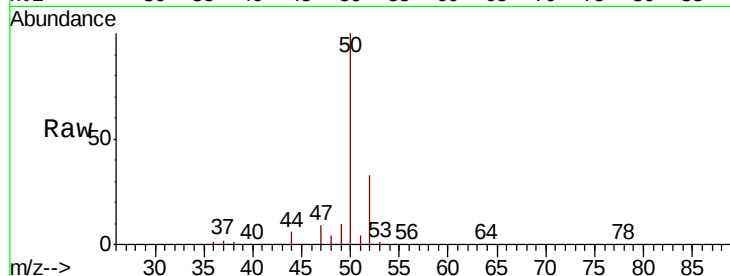
ClientSampleId :

Tot Ion: 50 Resp: 46355

Ion Ratio Lower Upper

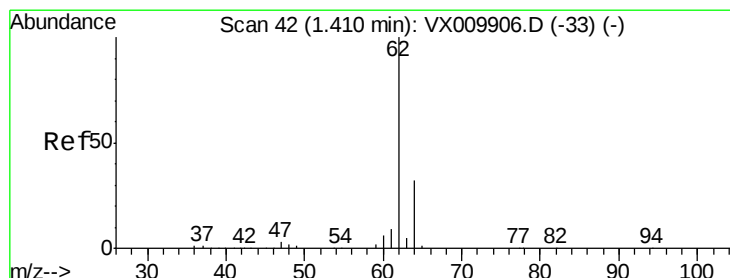
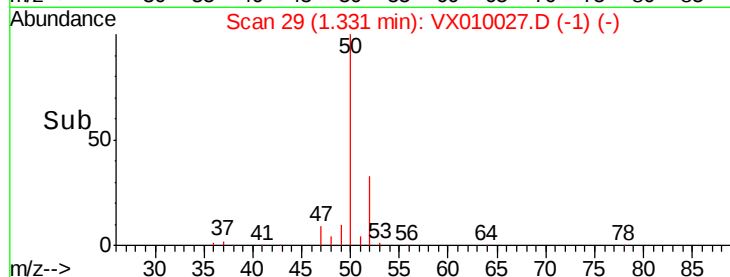
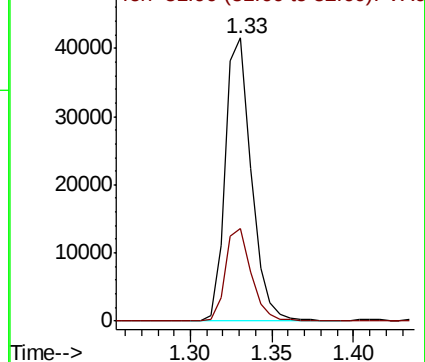
50 100

52 32.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.358 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010027.D

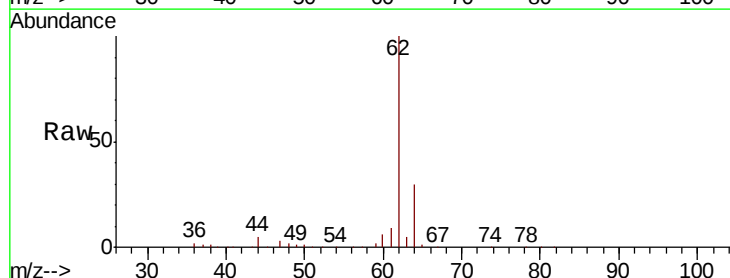
Acq: 03 Jun 2019 11:43

Tgt Ion: 62 Resp: 42538

Ion Ratio Lower Upper

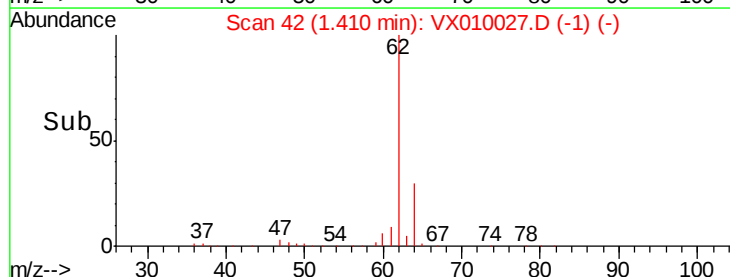
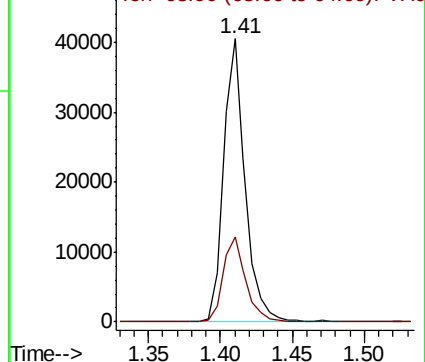
62 100

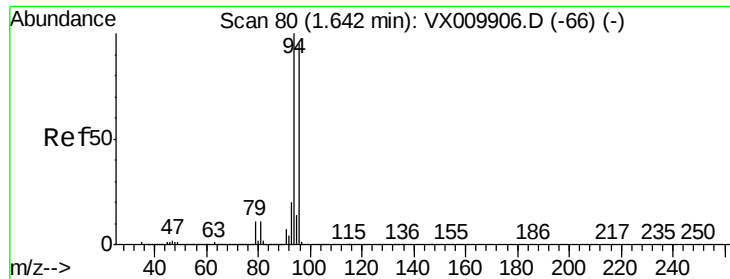
64 30.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.074 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

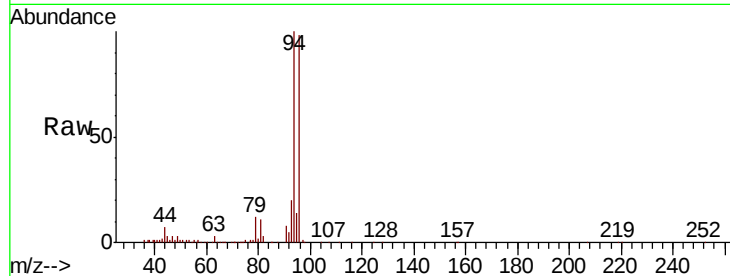
ClientSampled :

Tot Ion: 94 Resp: 22175

Ion Ratio Lower Upper

94 100

96 98.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

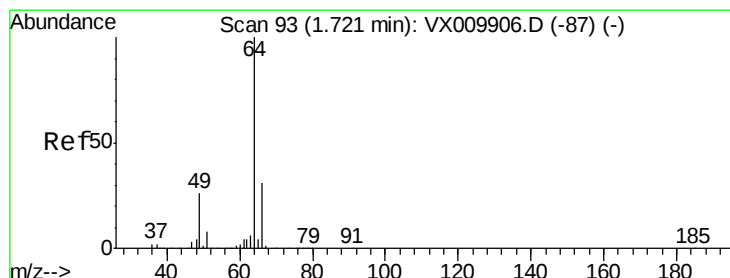
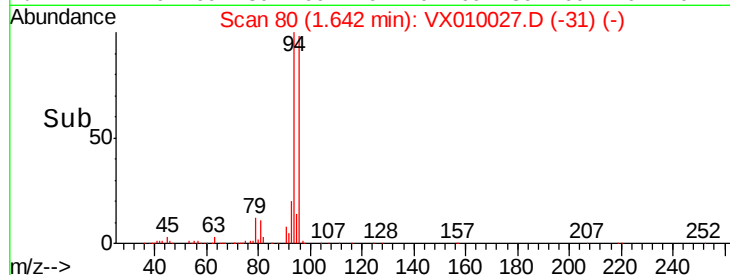
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 16.362 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX010027.D

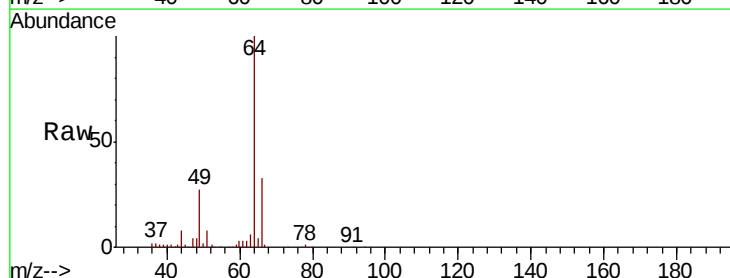
Acq: 03 Jun 2019 11:43

Tgt Ion: 64 Resp: 26192

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

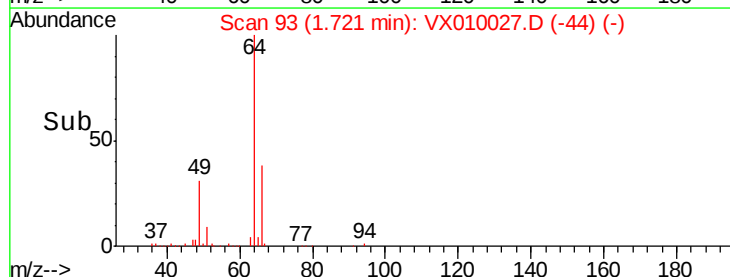
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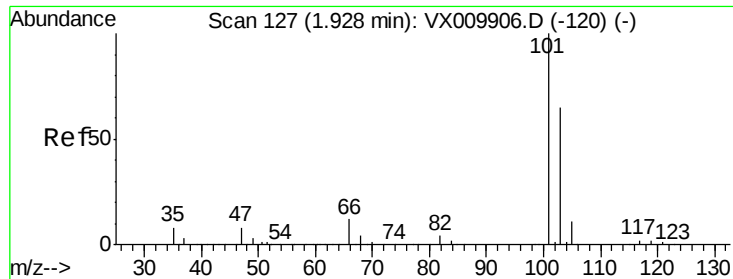
10000

5000

0

Time-->



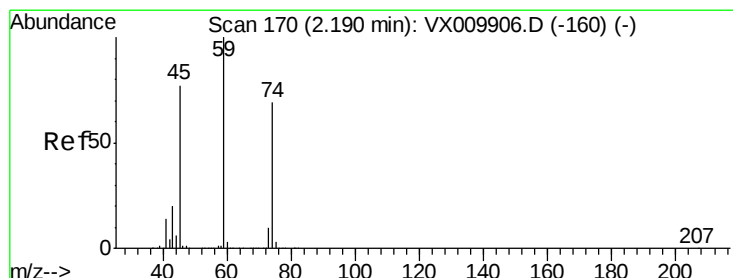
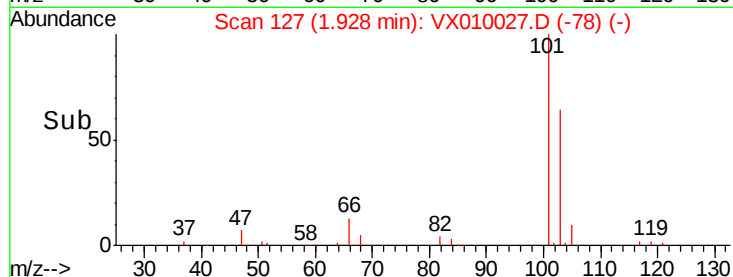
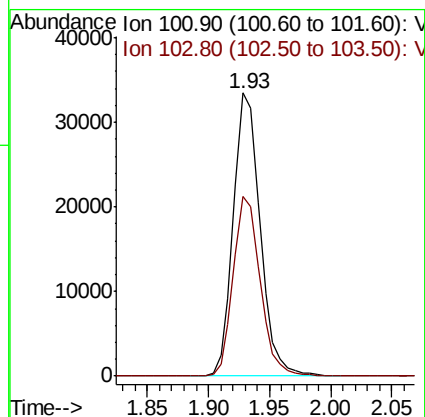
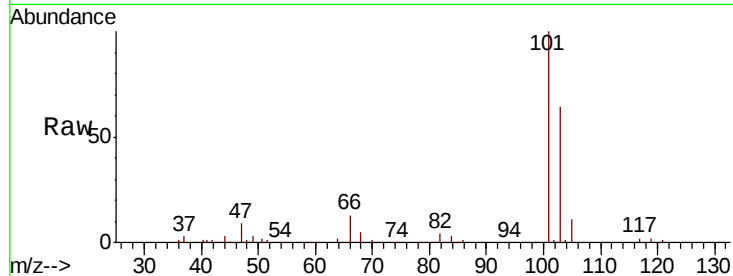


#7

Trichlorofluoromethane
 Concen: 17.676 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

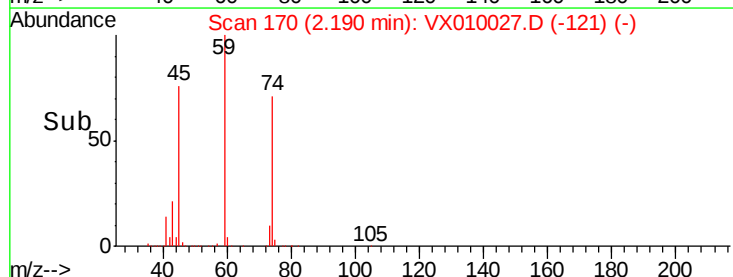
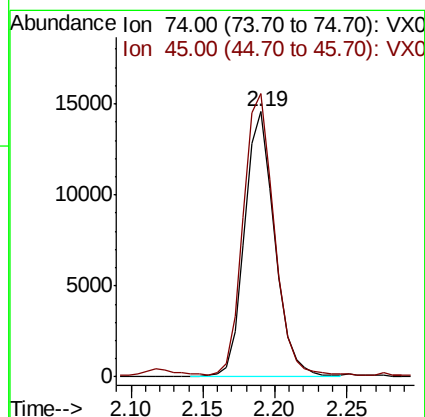
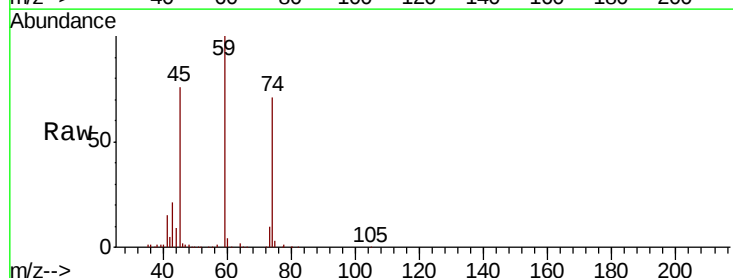
Tot Ion:101 Resp: 50794
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.4

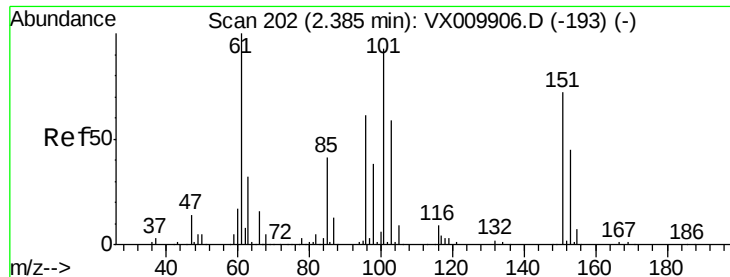


#8

Diethyl Ether
 Concen: 15.679 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion: 74 Resp: 21173
 Ion Ratio Lower Upper
 74 100
 45 107.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.367 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

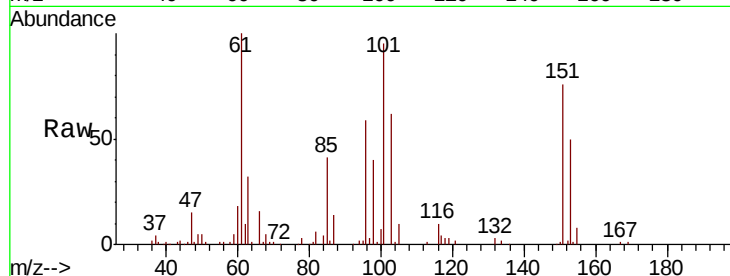
Tot Ion:101 Resp: 31866

Ion Ratio Lower Upper

101 100

85 44.1 35.2 52.8

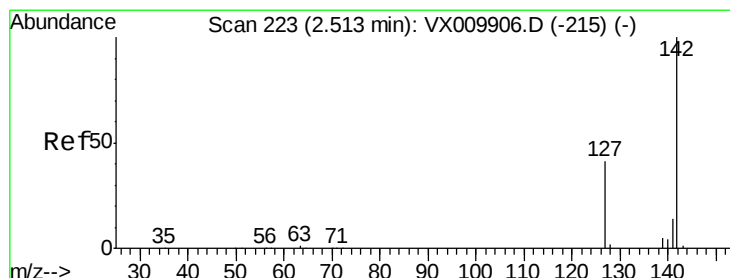
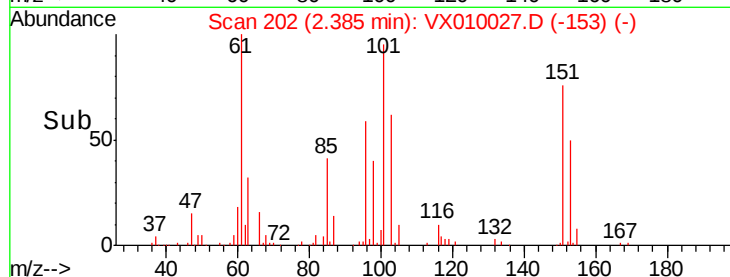
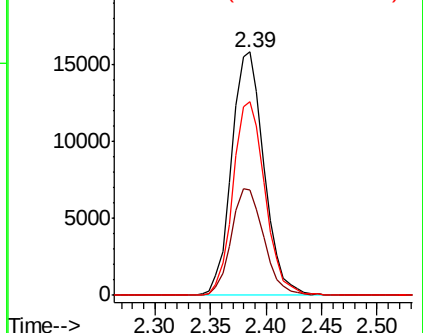
151 78.8 61.9 92.9



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: 16.953 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

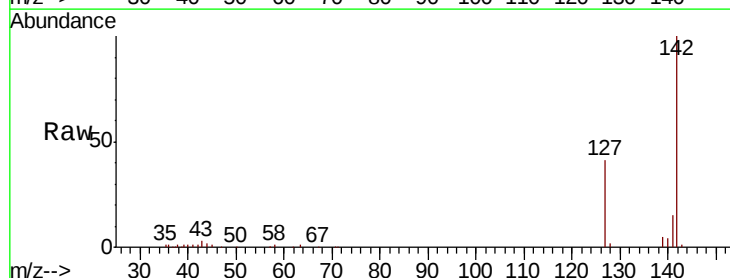
Tgt Ion:142 Resp: 29130

Ion Ratio Lower Upper

142 100

127 40.8 33.0 49.4

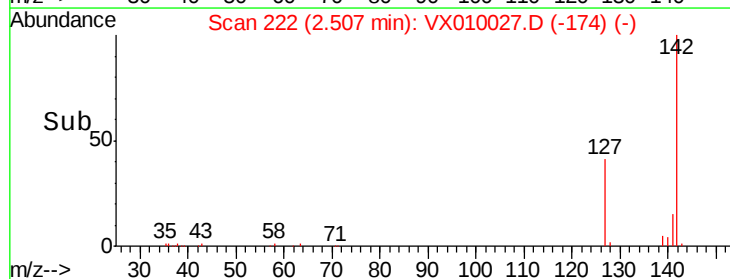
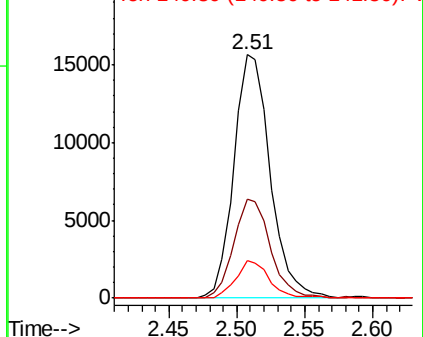
141 14.3 11.4 17.0

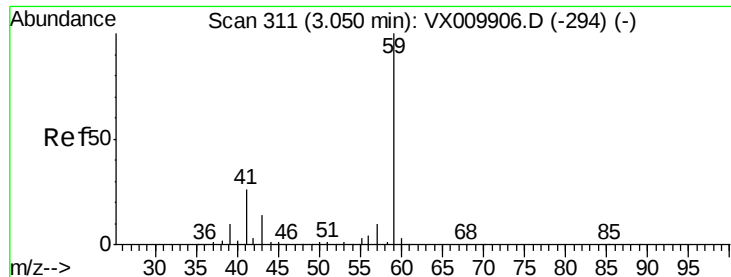


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



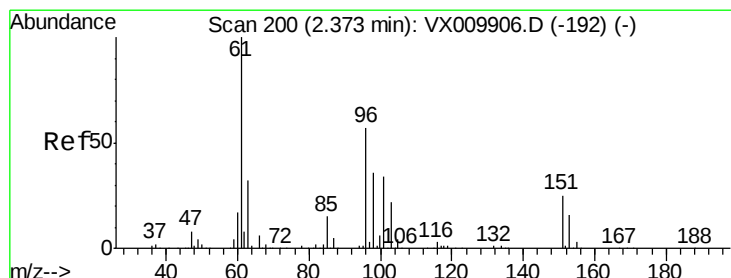
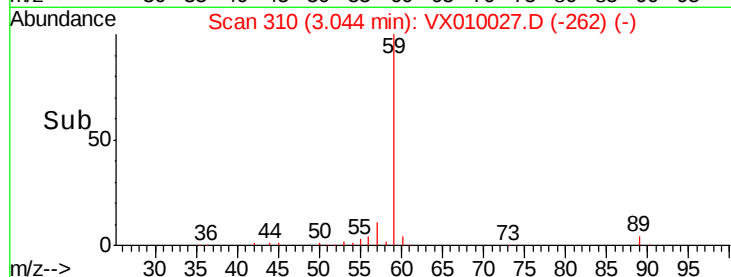
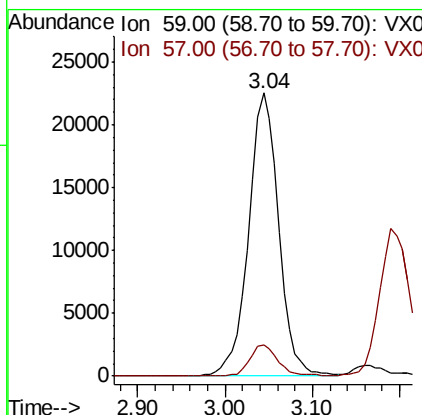
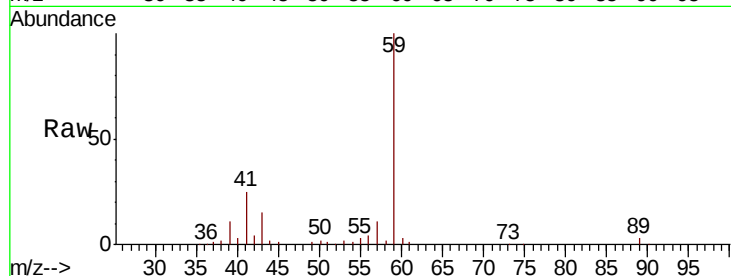


#11

Tert butyl alcohol
 Concen: 88.277 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :

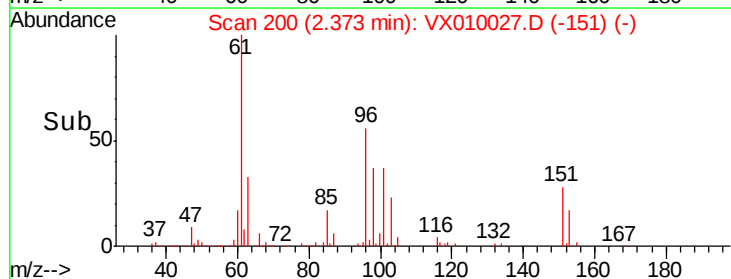
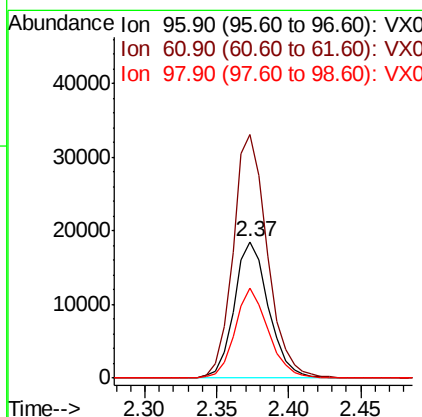
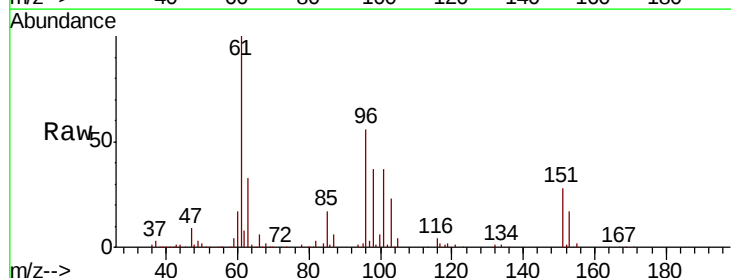
Tot Ion: 59 Resp: 53887
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

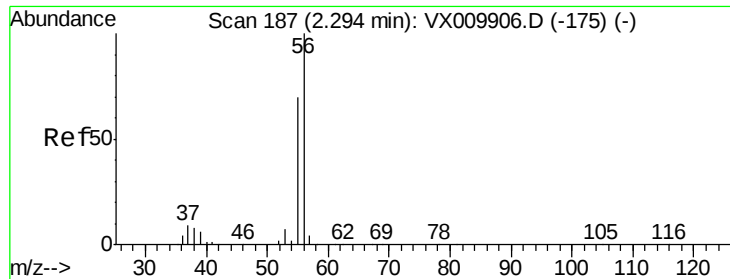


#12

1,1-Dichloroethene
 Concen: 17.266 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion: 96 Resp: 30704
 Ion Ratio Lower Upper
 96 100
 61 178.3 140.7 211.1
 98 66.2 50.1 75.1





#13

Acrolein

Concen: 86.272 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

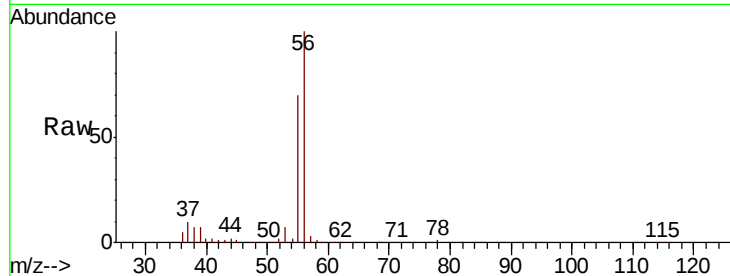
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 30800

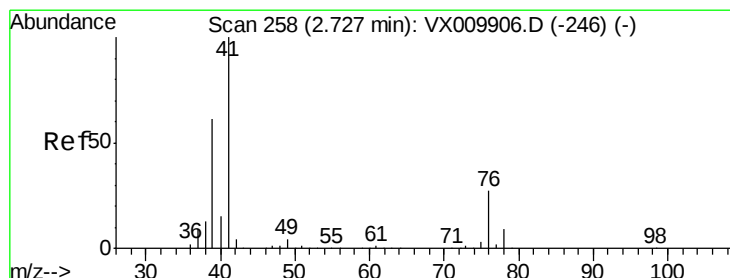
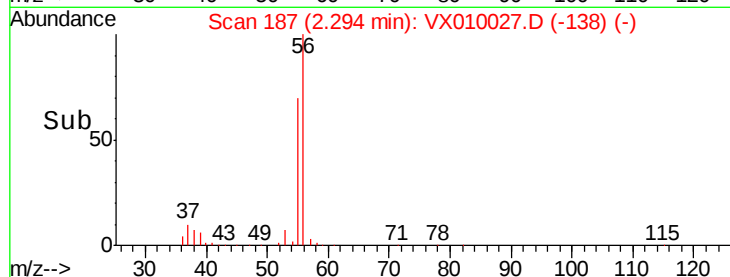
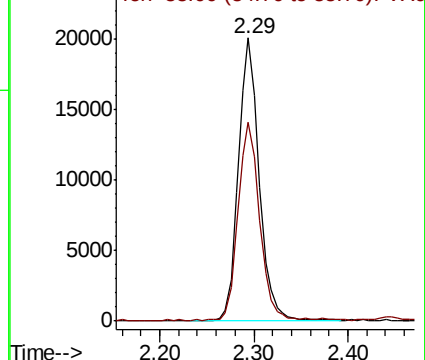
Ion Ratio Lower Upper

56 100

55 73.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 16.890 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

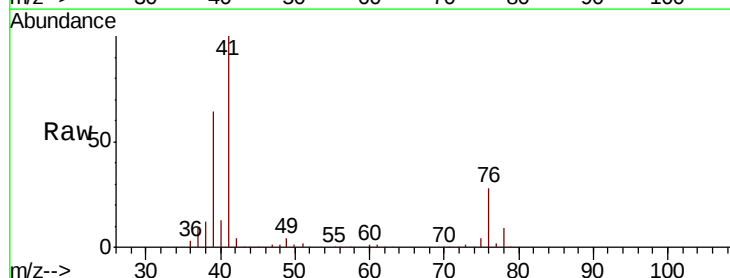
Tgt Ion: 41 Resp: 73002

Ion Ratio Lower Upper

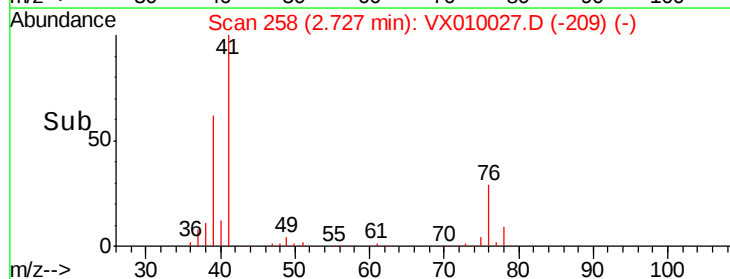
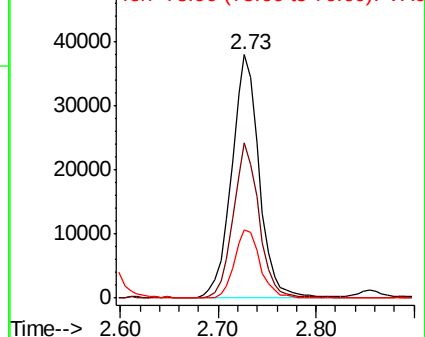
41 100

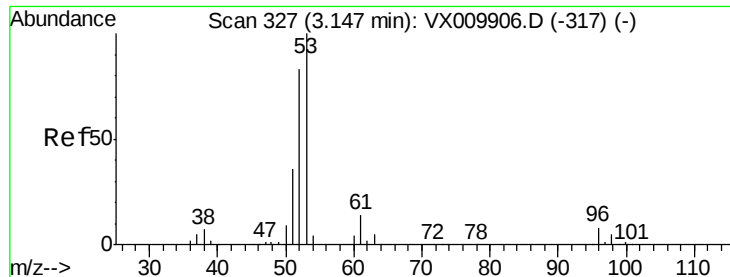
39 60.9 46.7 70.1

76 27.1 21.0 31.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 81.721 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

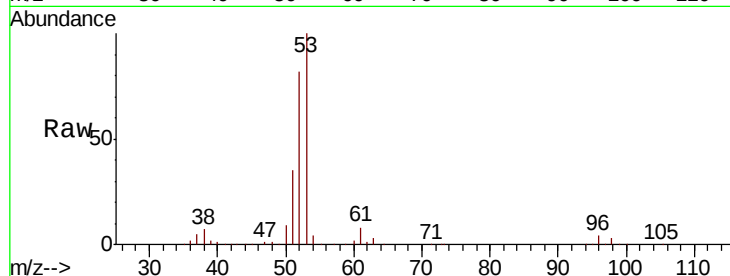
Tot Ion: 53 Resp: 120197

Ion Ratio Lower Upper

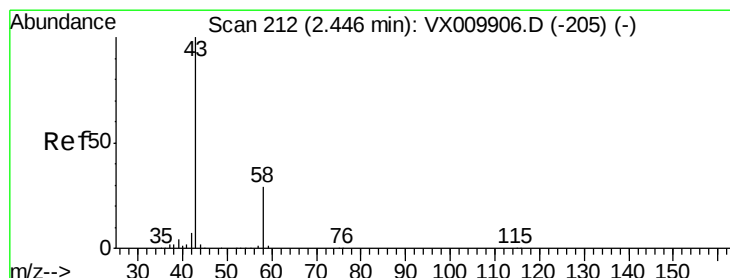
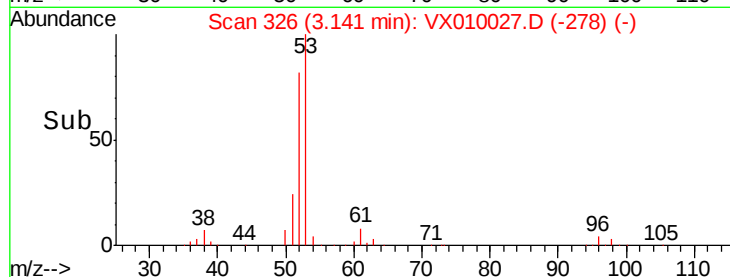
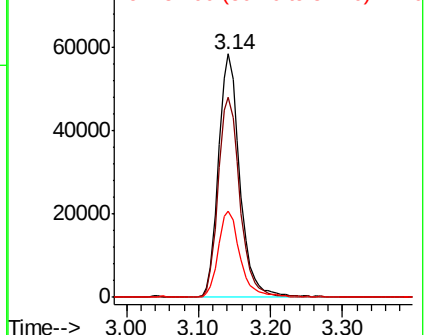
53 100

52 84.1 66.7 100.1

51 35.9 28.8 43.2



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



#16

Acetone

Concen: 87.377 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010027.D

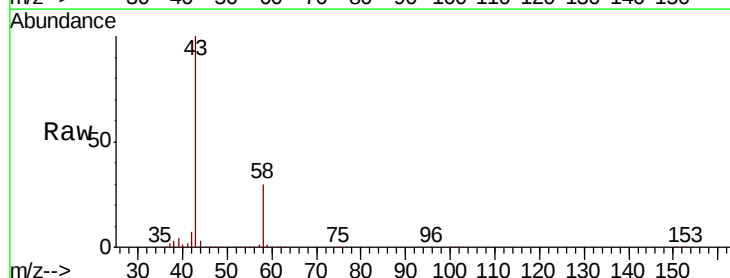
Acq: 03 Jun 2019 11:43

Tgt Ion: 43 Resp: 125223

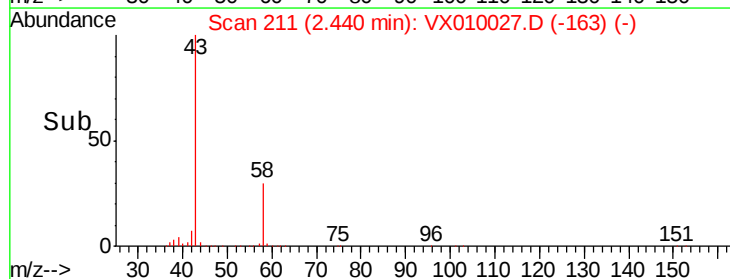
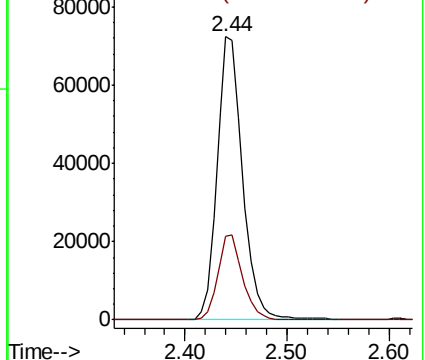
Ion Ratio Lower Upper

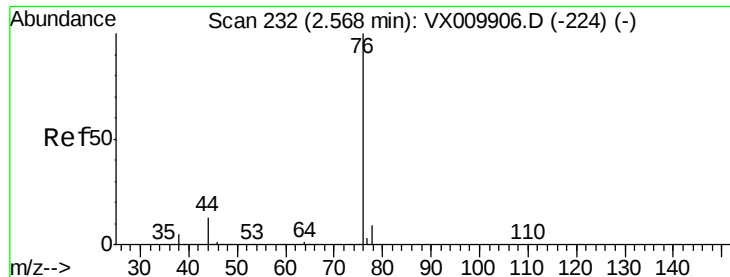
43 100

58 29.6 23.2 34.8



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

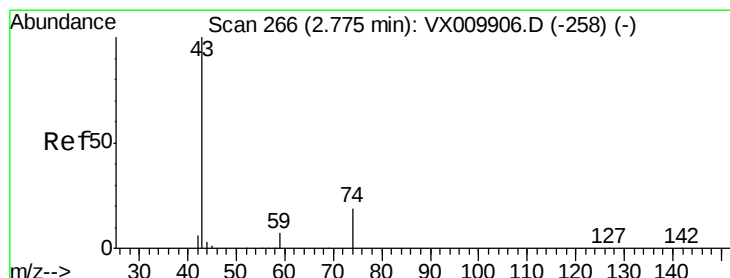
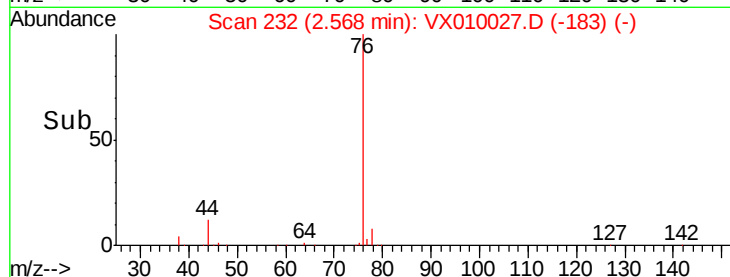
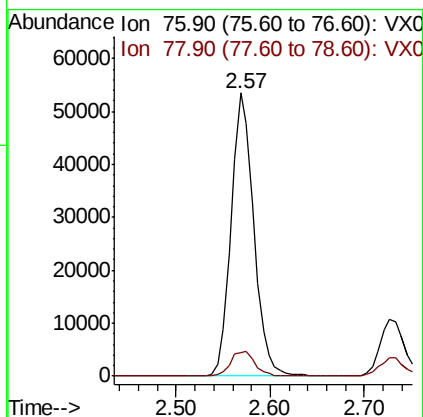
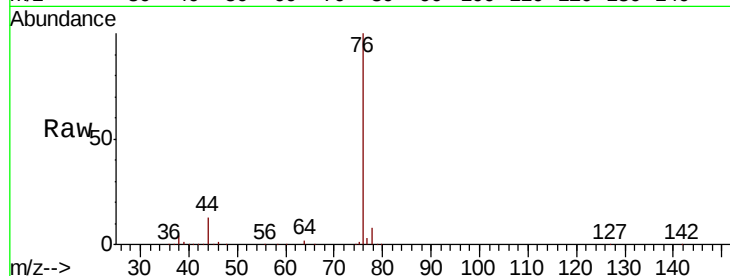




#17
Carbon Disulfide
Concen: 16.890 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

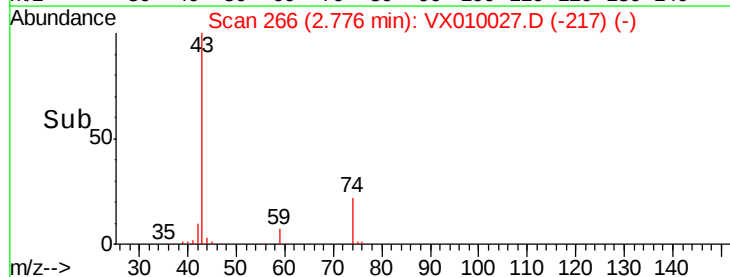
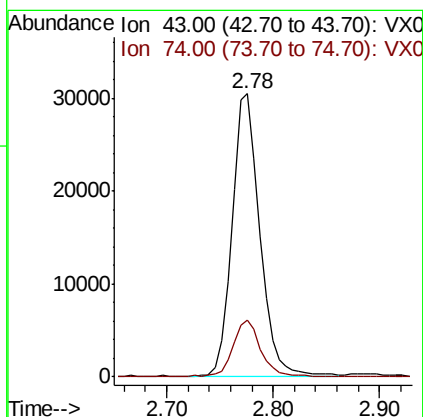
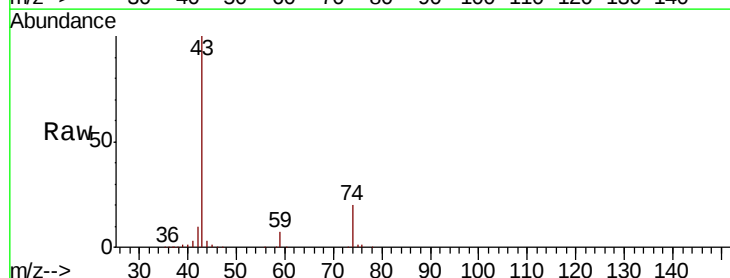
Instrument :
MSVOA_X
ClientSampleId :

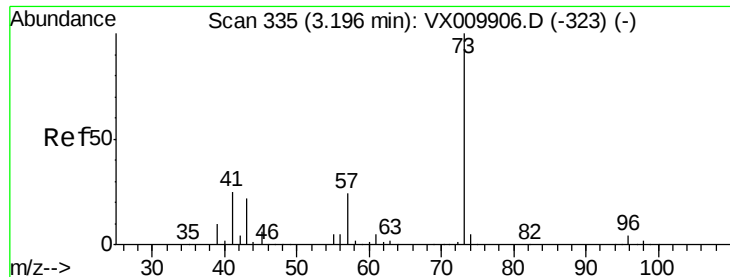
Tot Ion: 76 Resp: 89568
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 16.567 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 43 Resp: 55246
Ion Ratio Lower Upper
43 100
74 20.6 15.8 23.6



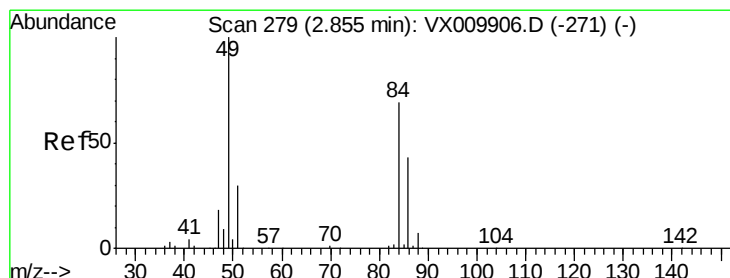
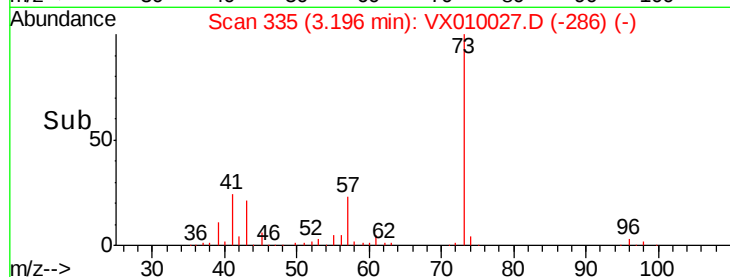
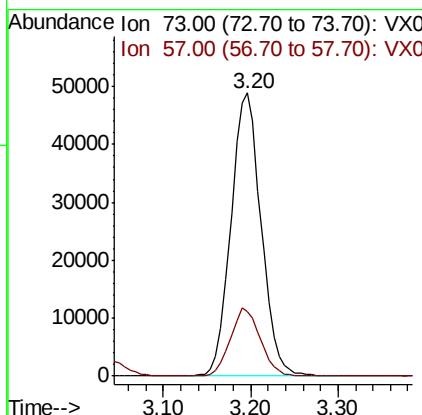
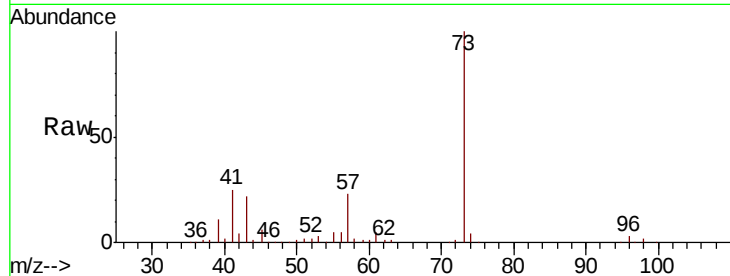


#19

Methyl tert-butyl Ether
 Concen: 17.443 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :

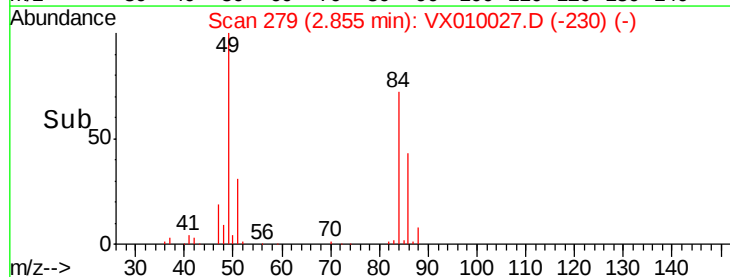
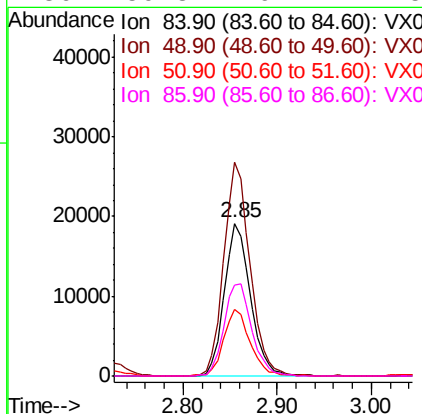
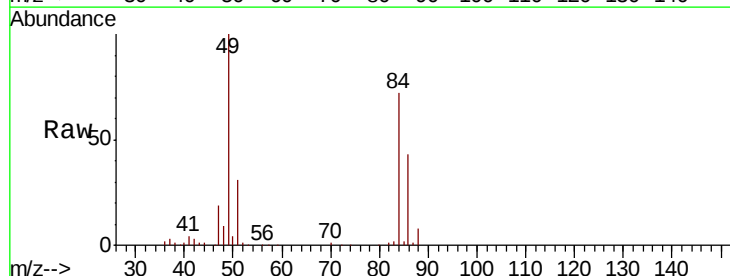
Tot Ion: 73 Resp: 117111
 Ion Ratio Lower Upper
 73 100
 57 22.8 19.4 29.2

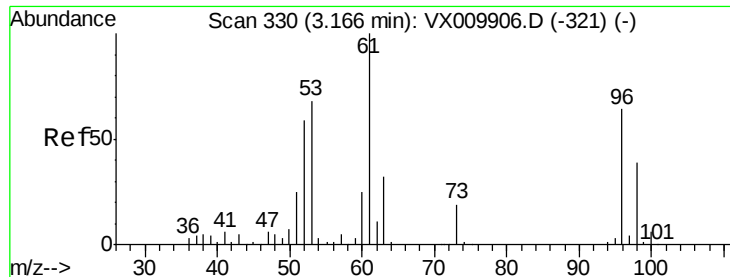


#20

Methylene Chloride
 Concen: 16.804 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion: 84 Resp: 36879
 Ion Ratio Lower Upper
 84 100
 49 139.5 115.8 173.6
 51 43.2 34.4 51.6
 86 59.8 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 16.954 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

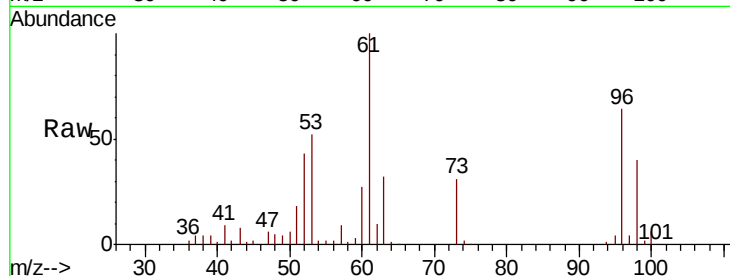
Tot Ion: 96 Resp: 33546

Ion Ratio Lower Upper

96 100

61 155.5 125.7 188.5

98 63.0 49.0 73.6

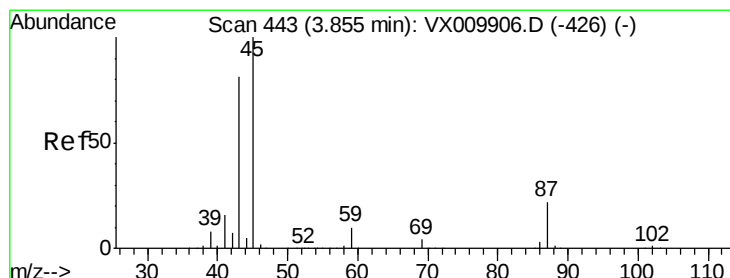
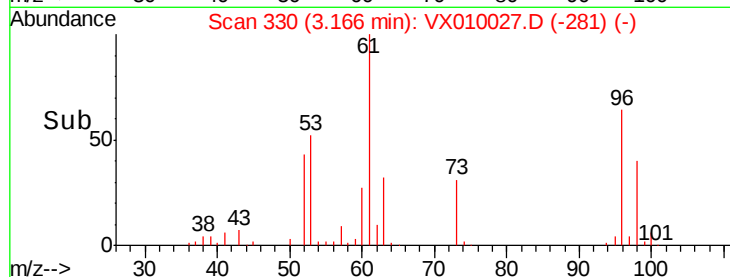
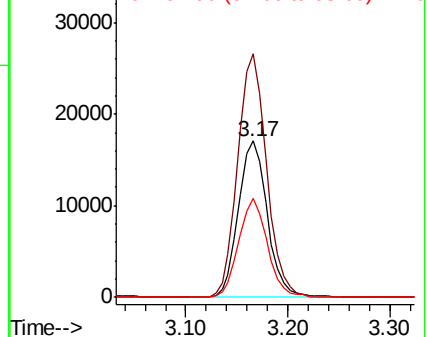


Abundance

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



#22

Diisopropyl ether

Concen: 17.441 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion: 45 Resp: 143434

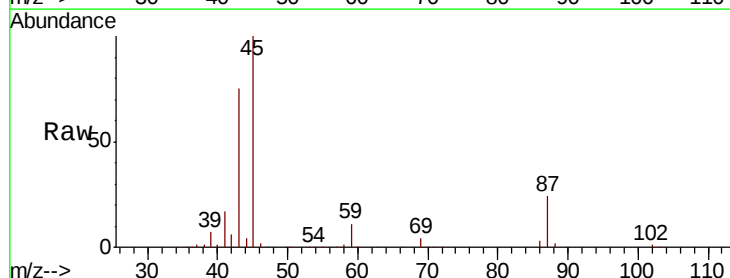
Ion Ratio Lower Upper

45 100

43 75.0 65.0 97.4

87 23.8 17.3 25.9

59 11.0 8.1 12.1



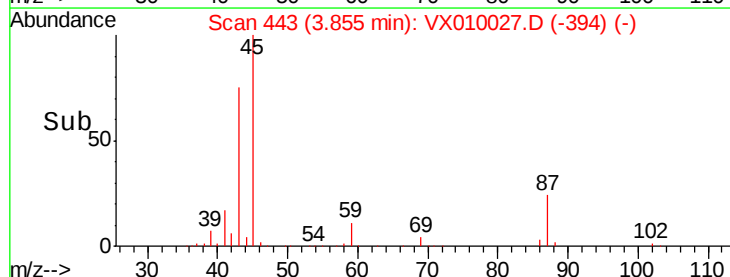
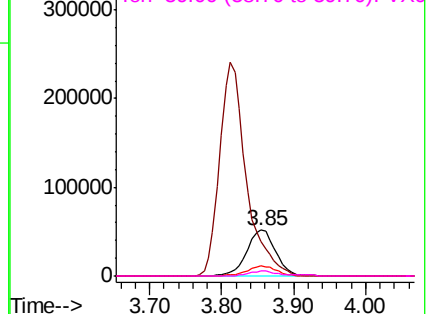
Abundance

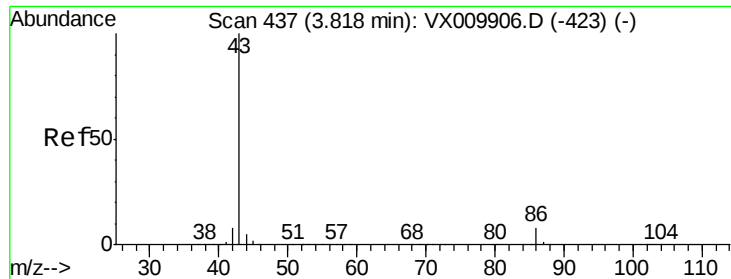
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 84.324 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

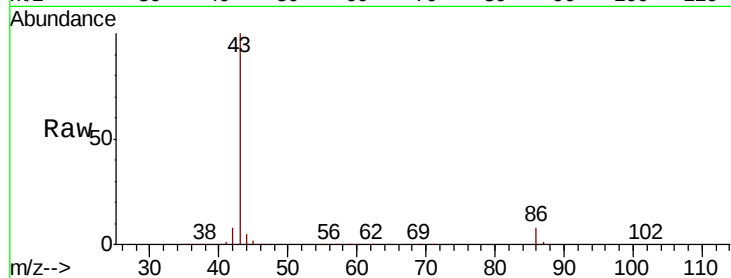
ClientSampled :

Tot Ion: 43 Resp: 622973

Ion Ratio Lower Upper

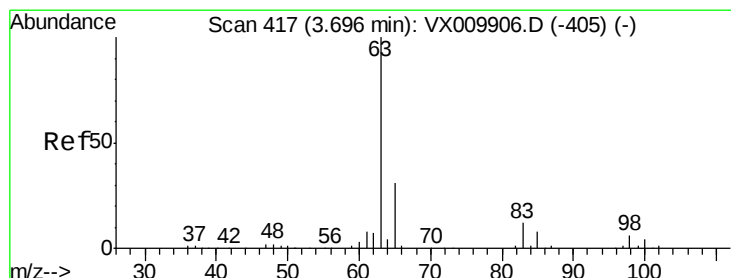
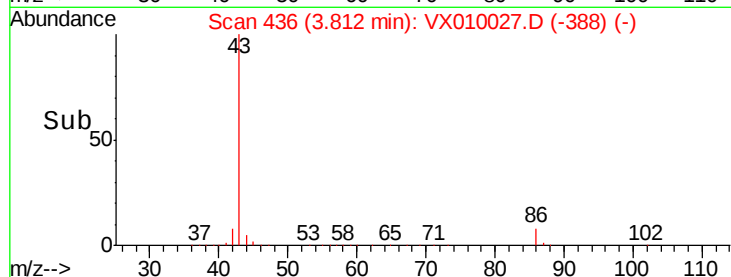
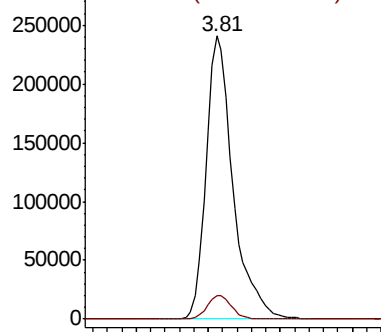
43 100

86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.225 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

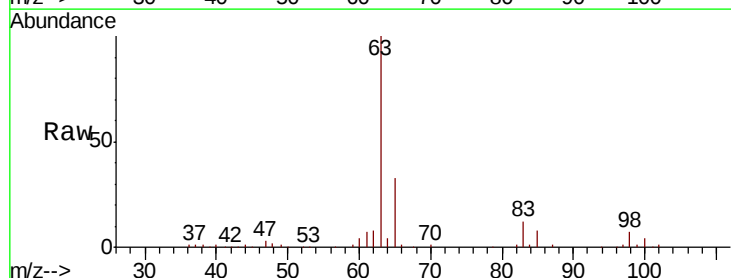
Tgt Ion: 63 Resp: 68650

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

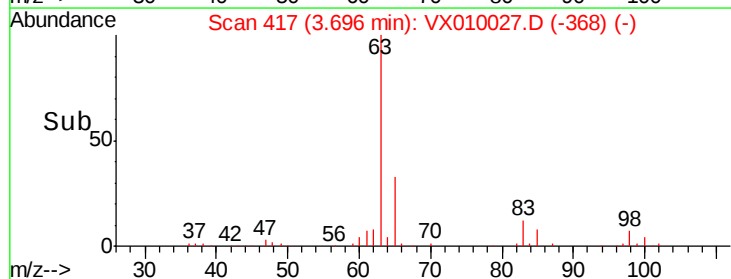
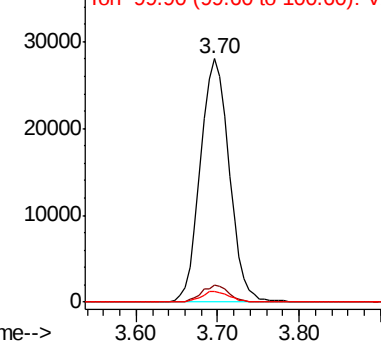
100 4.2 1.8 5.4

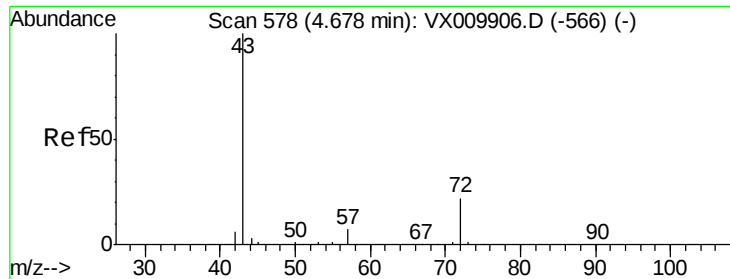


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 83.817 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

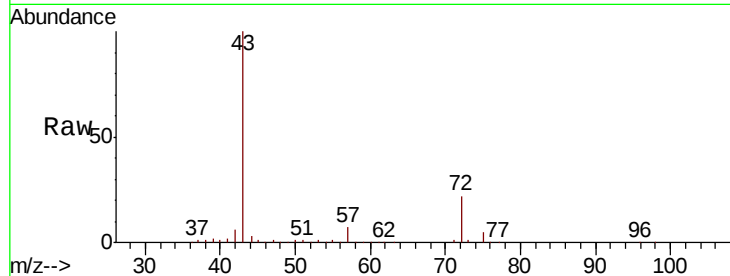
ClientSampled :

Tot Ion: 43 Resp: 187146

Ion Ratio Lower Upper

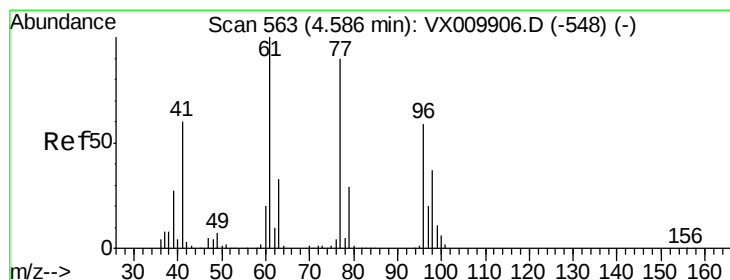
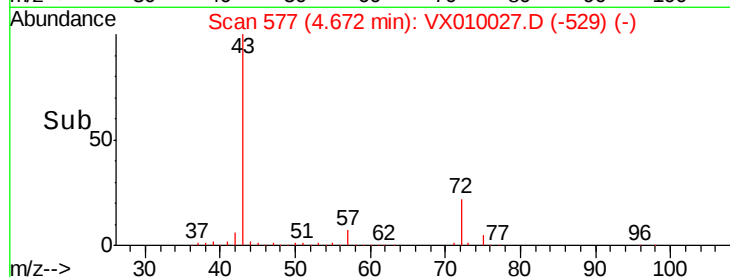
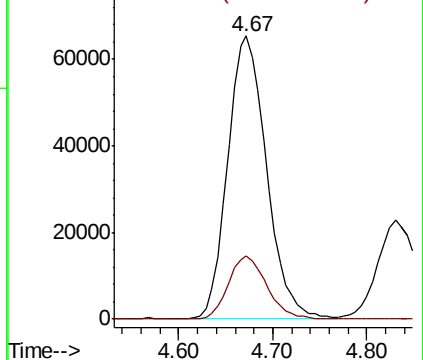
43 100

72 22.1 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.756 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010027.D

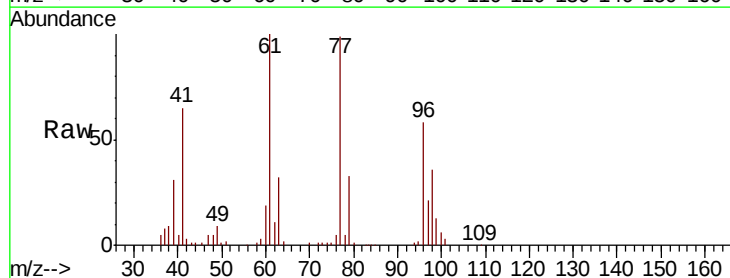
Acq: 03 Jun 2019 11:43

Tgt Ion: 77 Resp: 53531

Ion Ratio Lower Upper

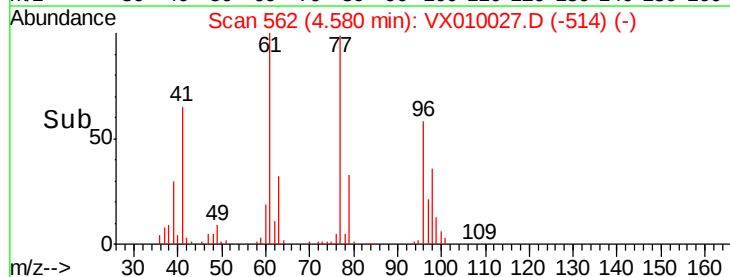
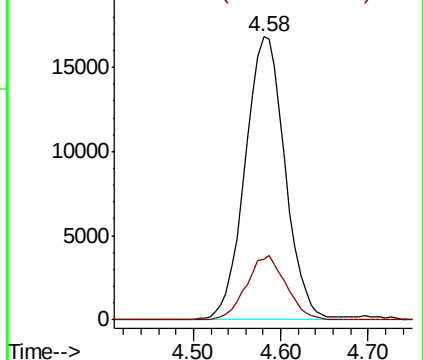
77 100

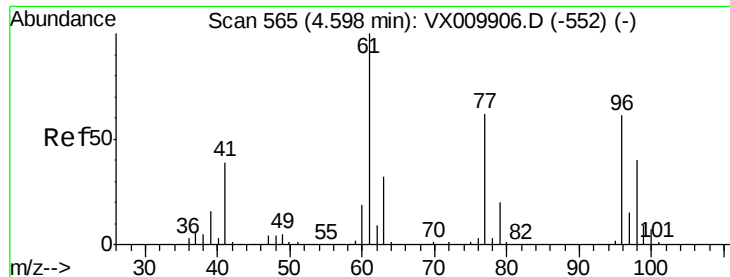
97 22.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



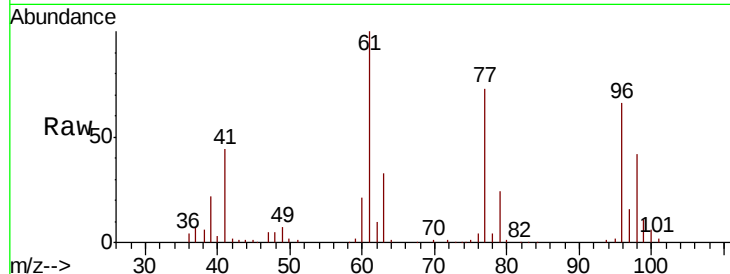


#27

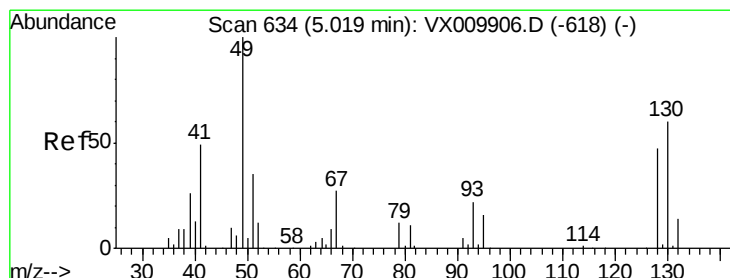
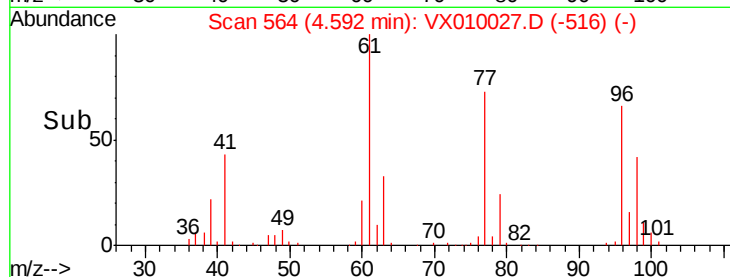
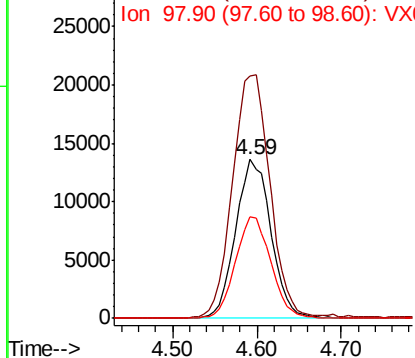
cis-1,2-Dichloroethene
Concen: 16.984 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 38791
Ion Ratio Lower Upper
96 100
61 162.7 0.0 334.0
98 63.6 0.0 131.6



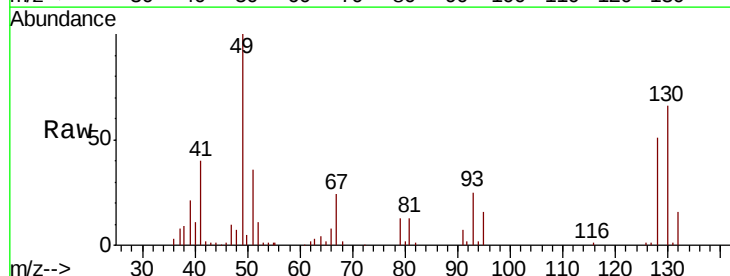
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



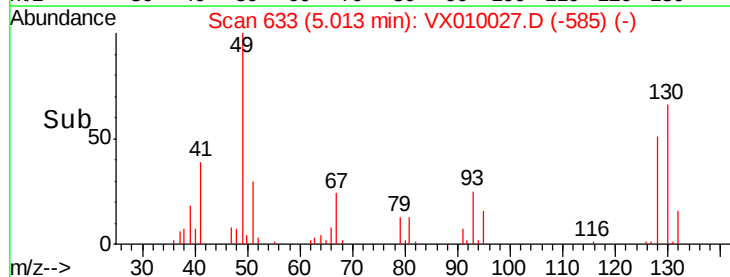
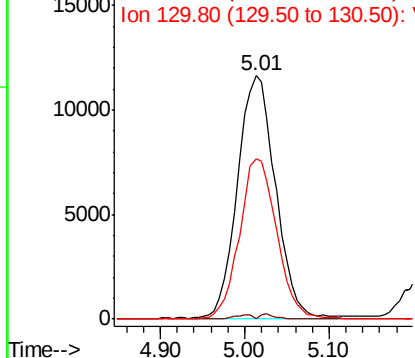
#28

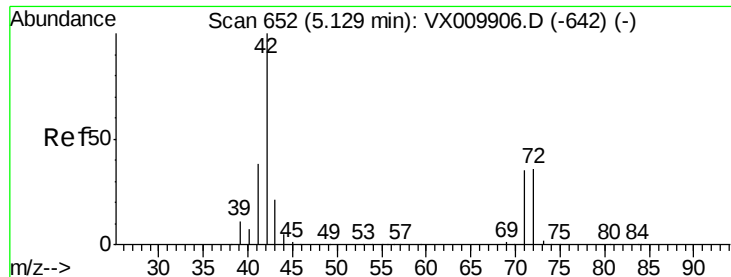
Bromochloromethane
Concen: 17.296 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 49 Resp: 35771
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.4
130 64.3 49.4 74.2



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

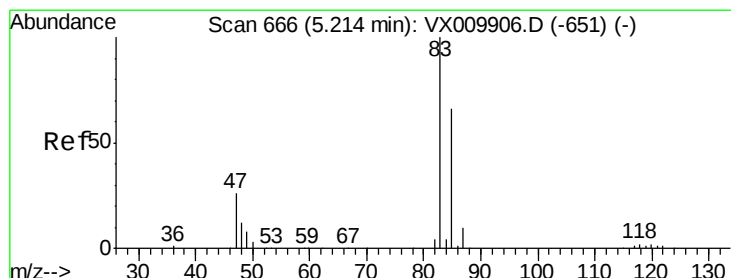
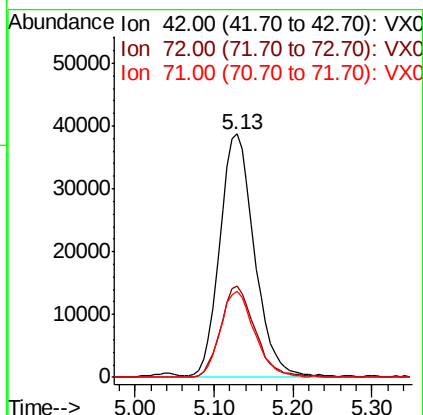
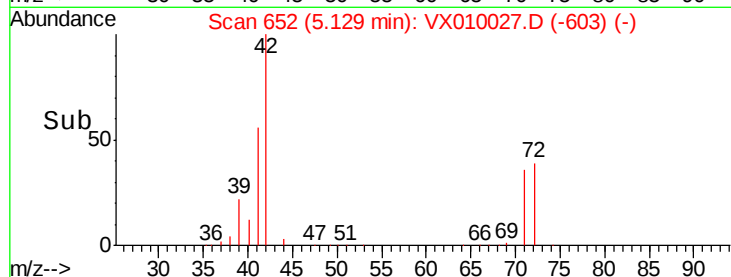
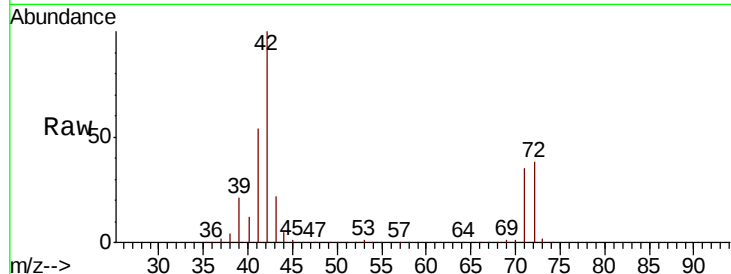




#29
Tetrahydrofuran
Concen: 82.219 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

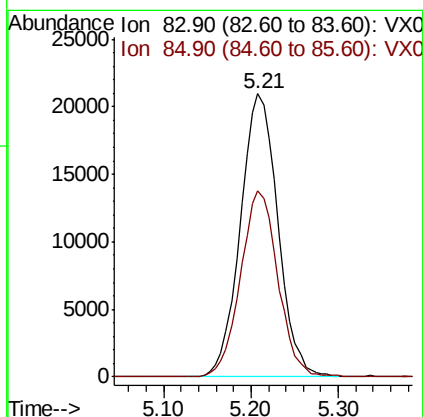
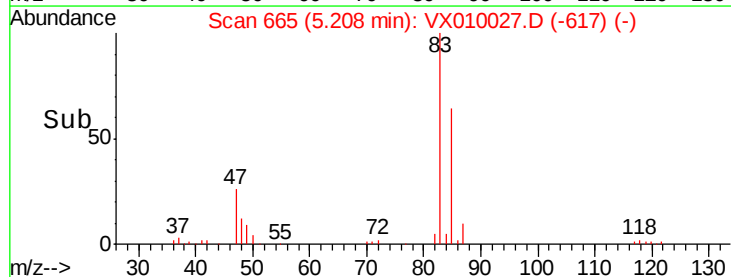
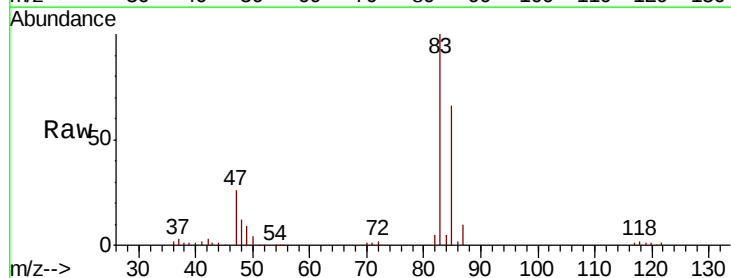
Instrument :
MSVOA_X
ClientSampled :

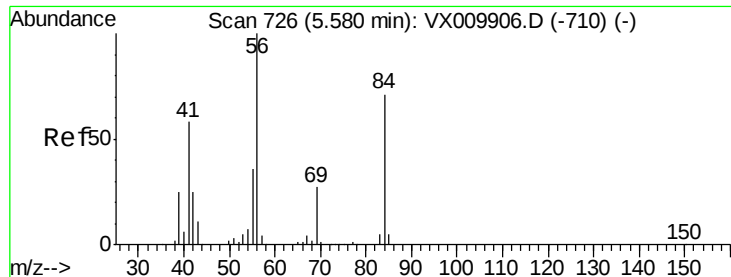
Tot Ion: 42 Resp: 117722
Ion Ratio Lower Upper
42 100
72 37.8 29.2 43.8
71 35.1 27.6 41.4



#30
Chloroform
Concen: 17.396 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 83 Resp: 62526
Ion Ratio Lower Upper
83 100
85 65.8 52.6 78.8





#31

Cyclohexane

Concen: 18.411 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

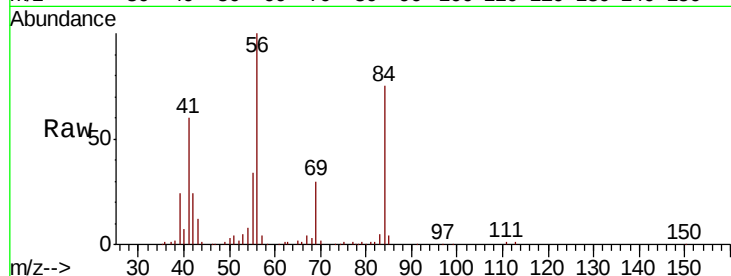
Tot Ion: 56 Resp: 69495

Ion Ratio Lower Upper

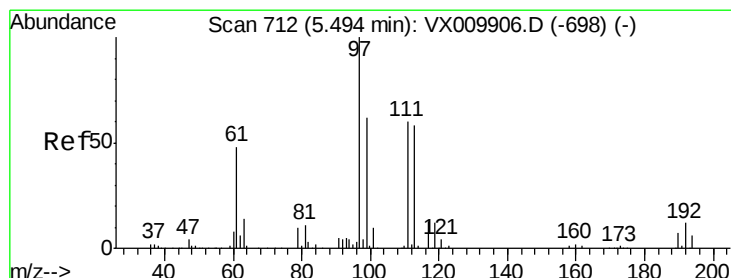
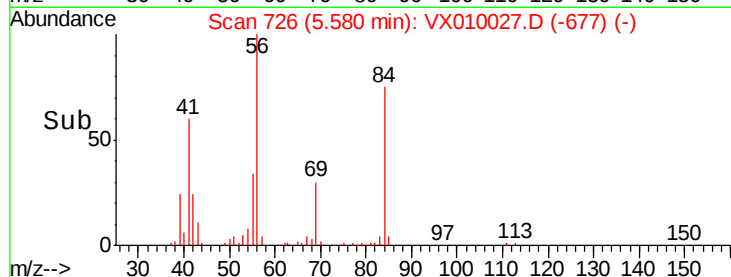
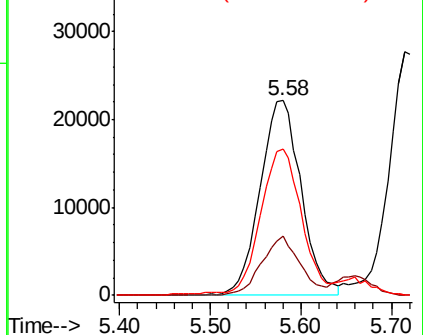
56 100

69 30.4 21.6 32.4

84 74.2 56.8 85.2



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



#32

1,1,1-Trichloroethane

Concen: 18.070 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

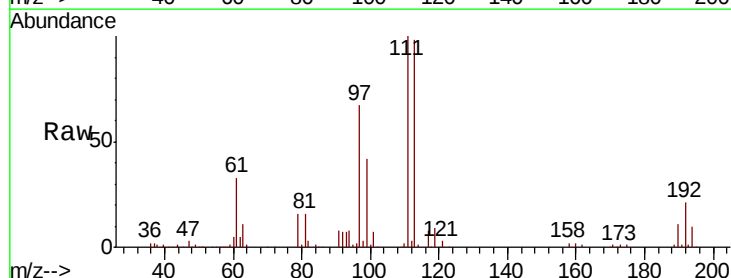
Tgt Ion: 97 Resp: 52893

Ion Ratio Lower Upper

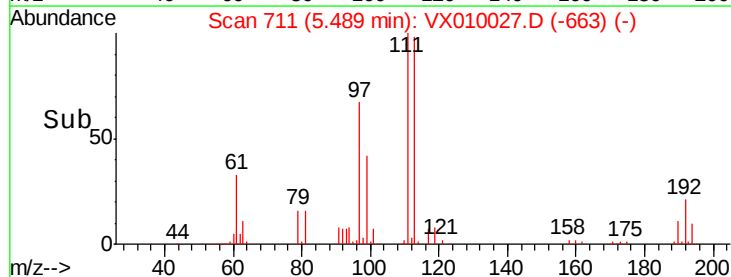
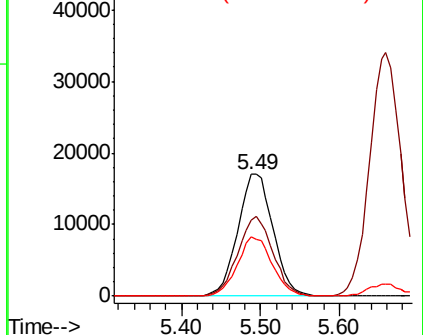
97 100

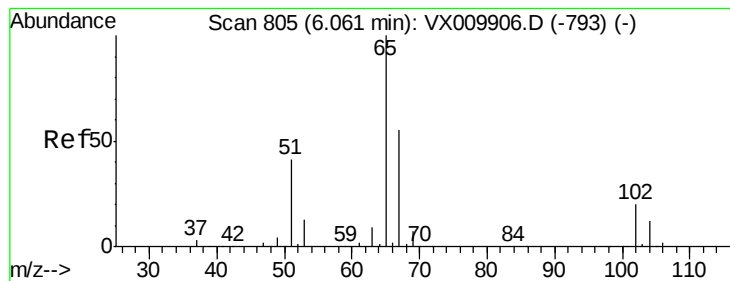
99 65.2 51.0 76.4

61 48.5 38.7 58.1



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





#33

1,2-Dichloroethane-d4

Concen: 41.570 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

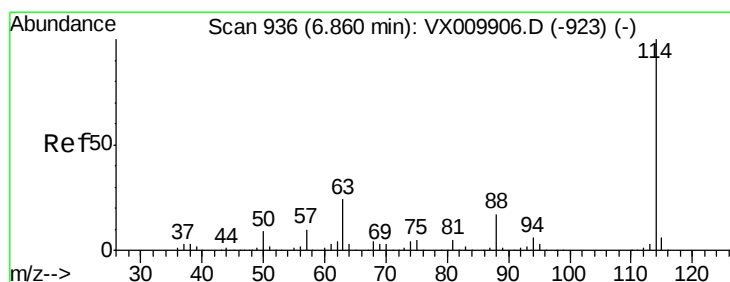
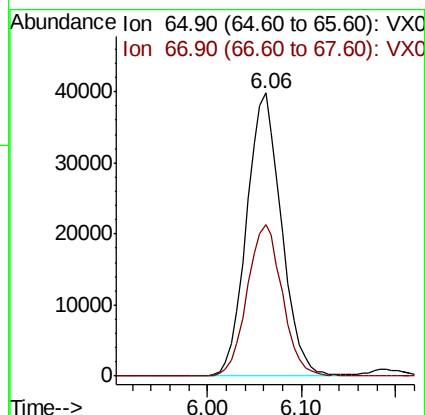
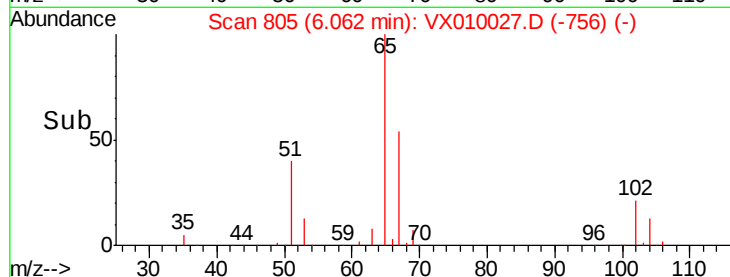
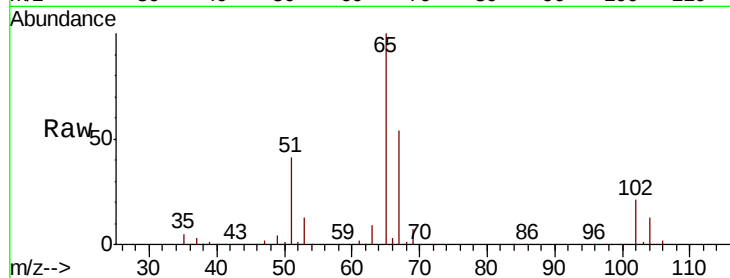
ClientSampleId :

Tot Ion: 65 Resp: 103111

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

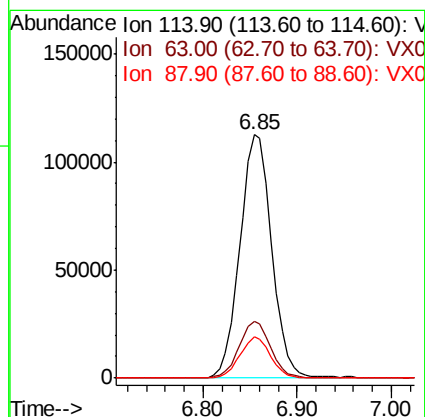
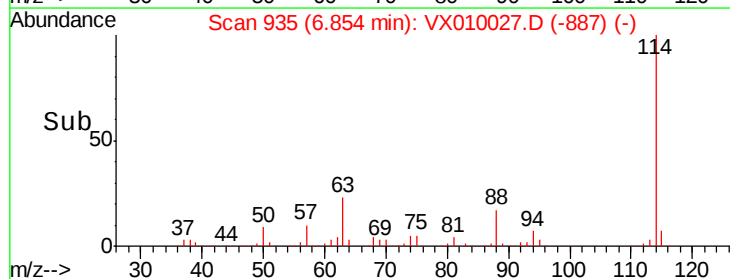
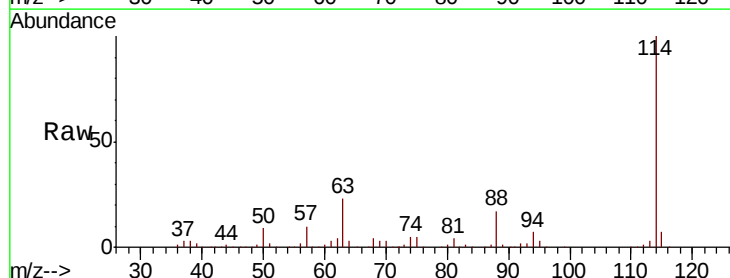
Tgt Ion: 114 Resp: 265579

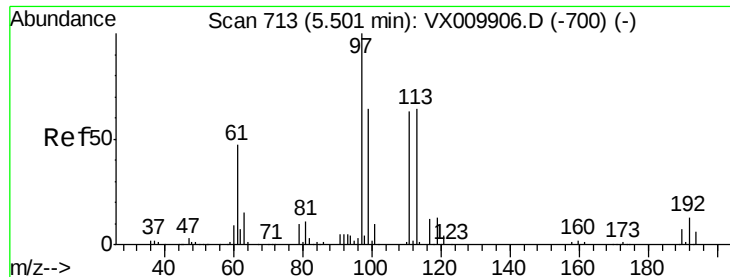
Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.4

88 16.8 0.0 33.0

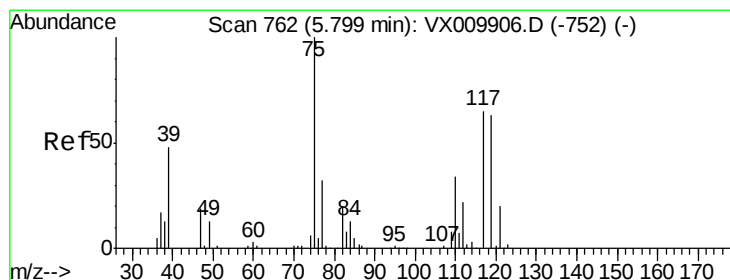
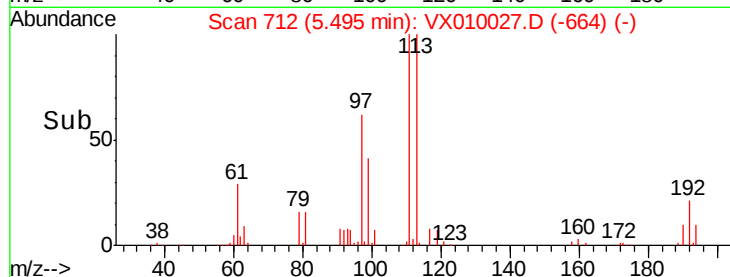
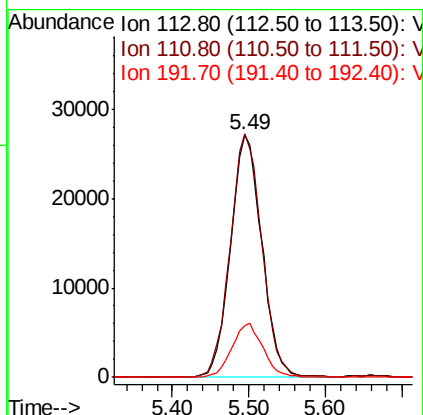
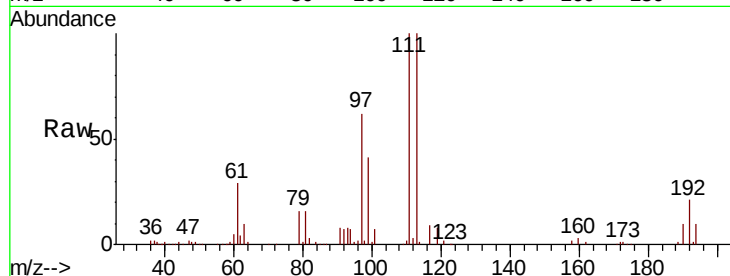




#35
 Dibromofluoromethane
 Concen: 45.926 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

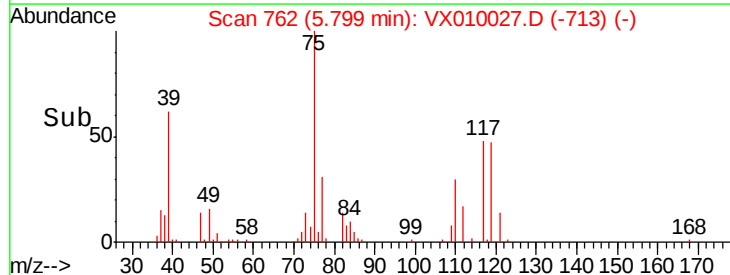
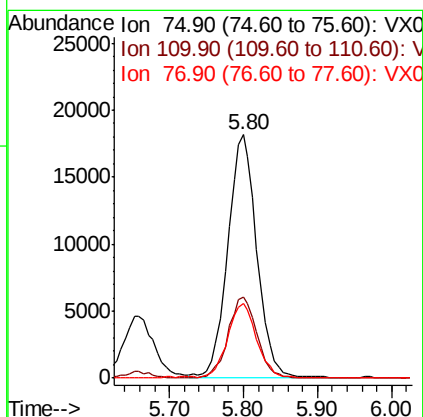
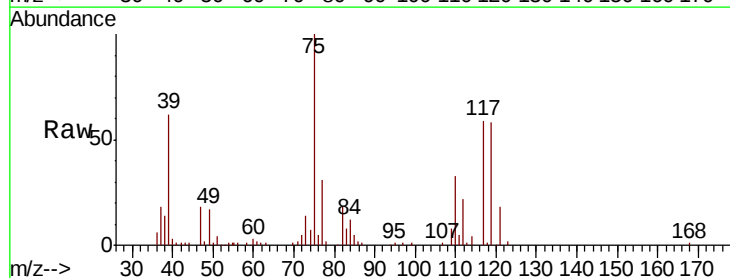
Instrument :
 MSVOA_X
 ClientSampleId :

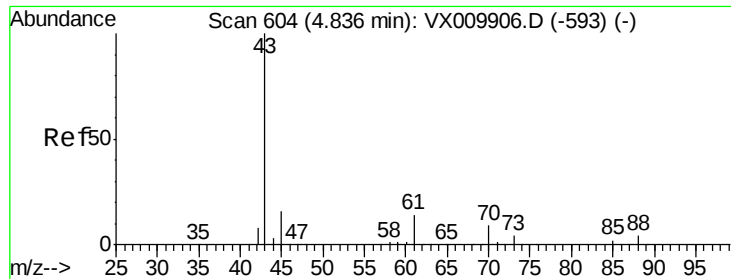
Tot Ion:113 Resp: 76683
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 22.0 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 18.219 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion: 75 Resp: 49093
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.7 50.1
 77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 17.972 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

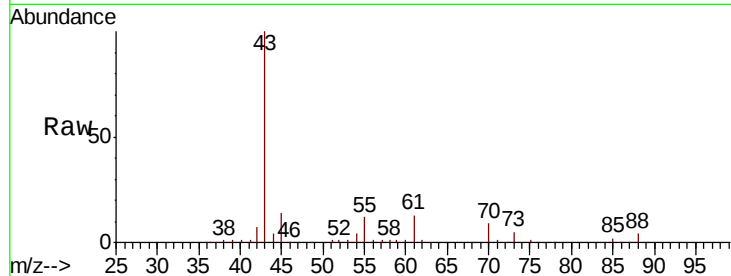
Tot Ion: 43 Resp: 67477

Ion Ratio Lower Upper

43 100

61 13.0 10.2 15.2

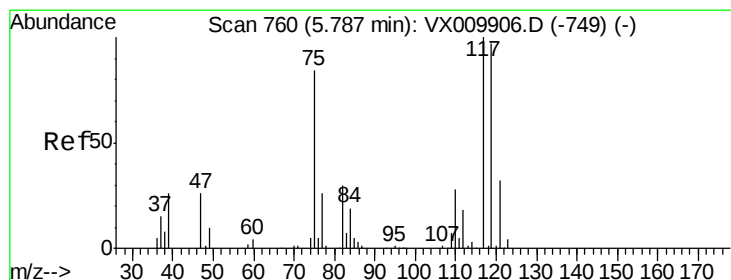
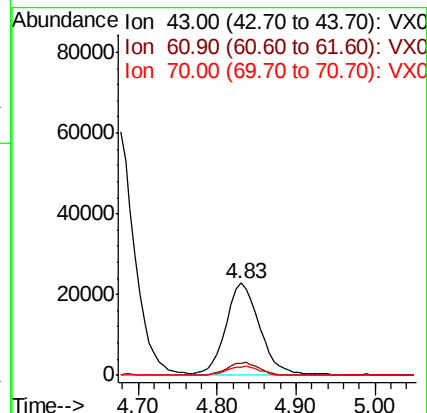
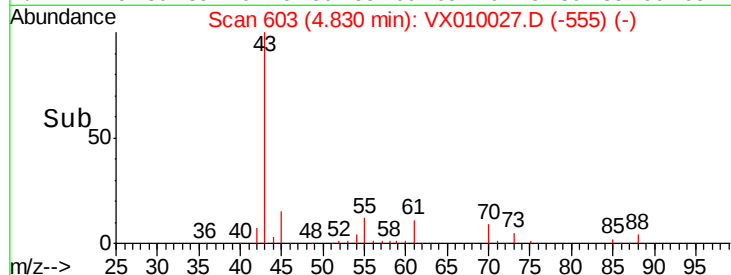
70 9.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.362 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

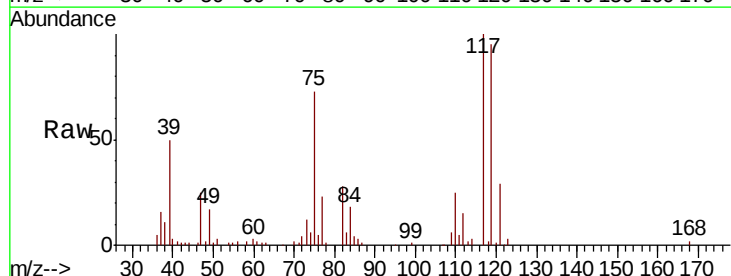
Tgt Ion: 117 Resp: 45085

Ion Ratio Lower Upper

117 100

119 94.8 77.3 115.9

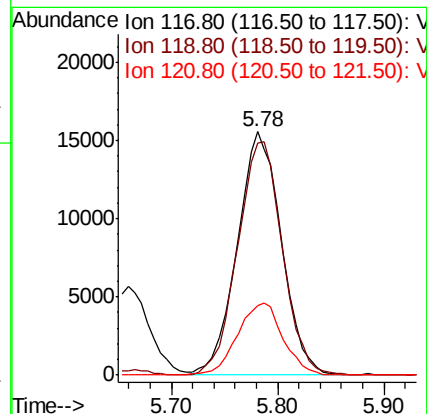
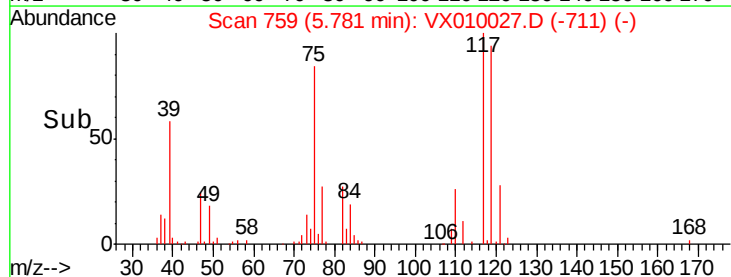
121 28.5 25.4 38.0

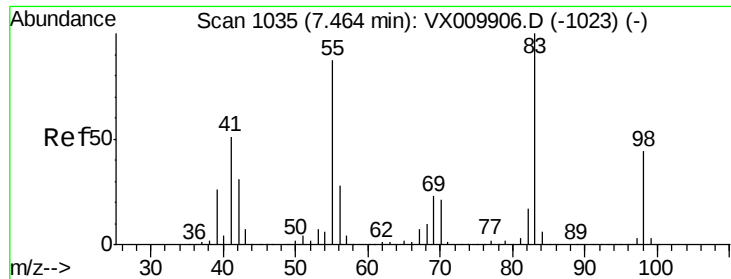


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

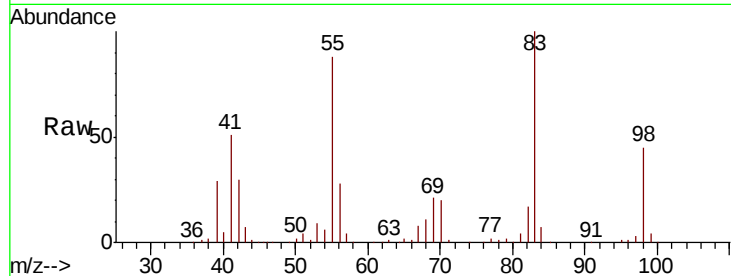




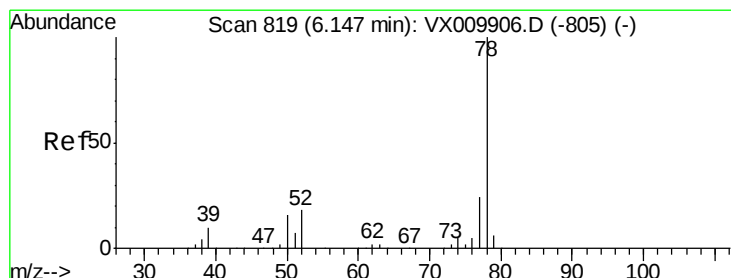
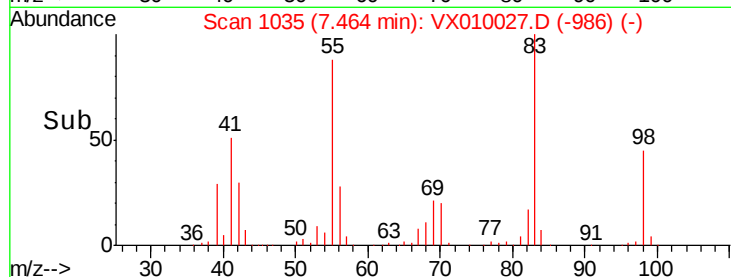
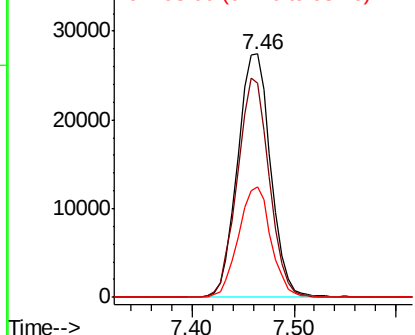
#39
Methvlcvclohexane
Concen: 19.306 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 61706
Ion Ratio Lower Upper
83 100
55 87.8 69.9 104.9
98 45.3 35.1 52.7

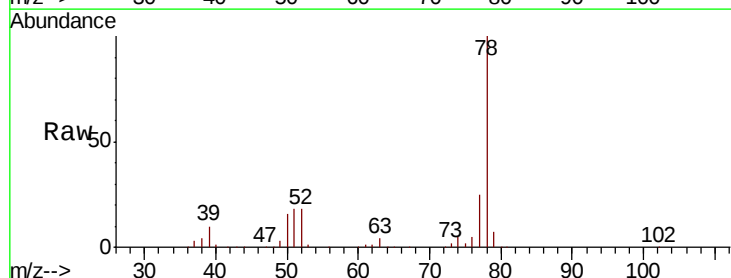


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

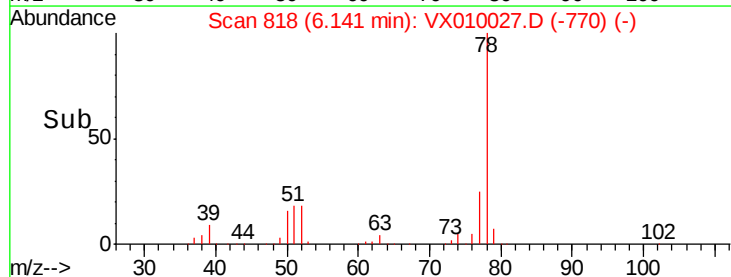
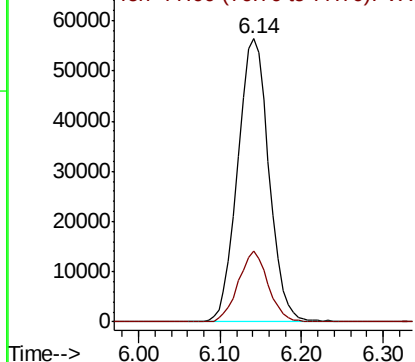


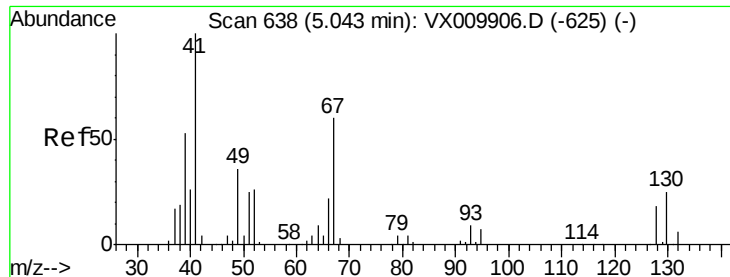
#40
Benzene
Concen: 18.783 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 78 Resp: 150137
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8



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

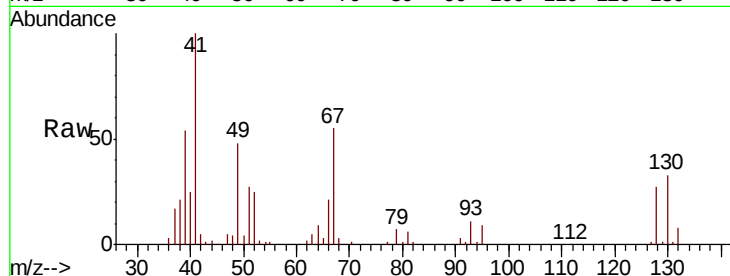




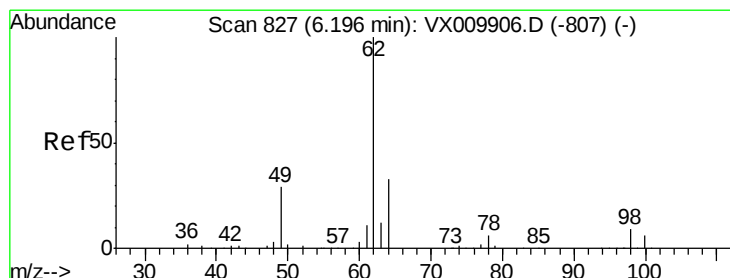
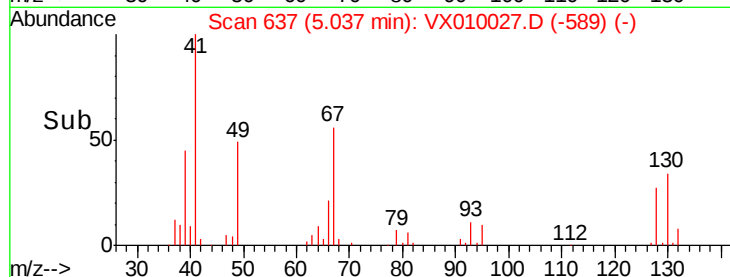
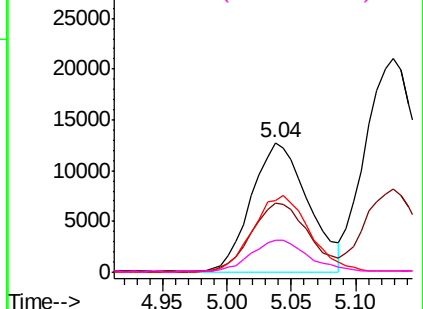
#41
Methacrylonitrile
Concen: 17.711 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	38856
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.2	63.4
67	60.5	48.9	73.3
52	27.1	20.1	30.1

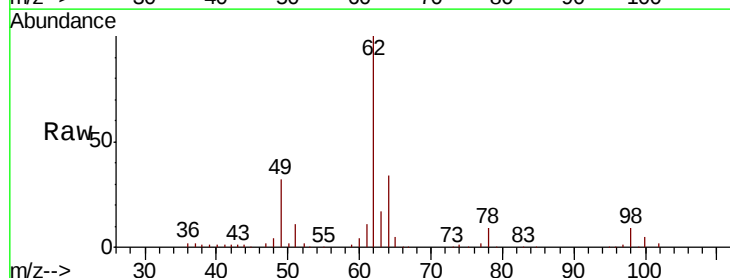


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

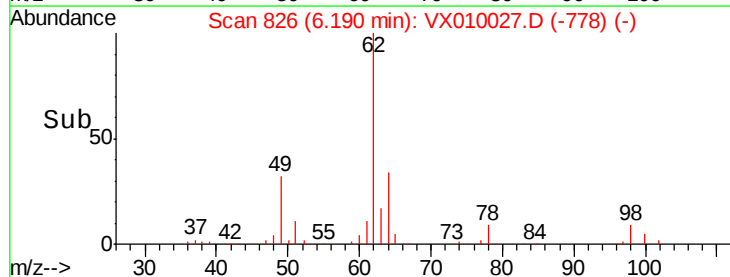
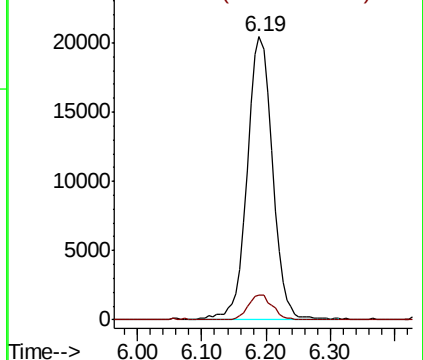


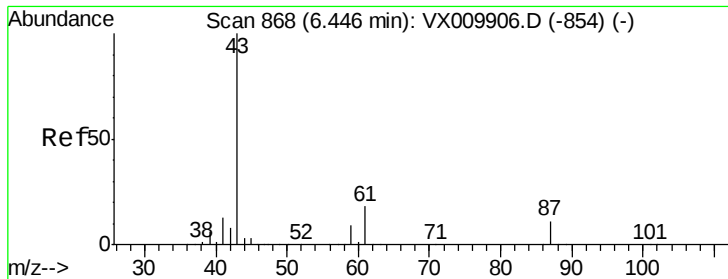
#42
1,2-Dichloroethane
Concen: 18.653 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:	62	Resp:	55121
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2



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



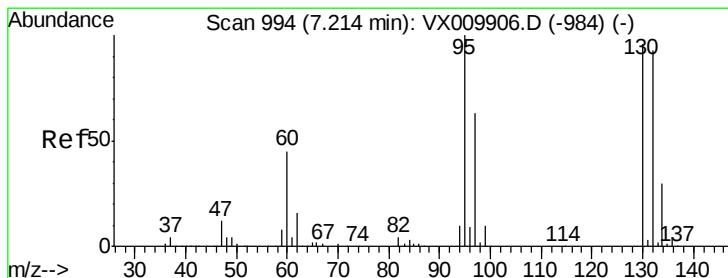
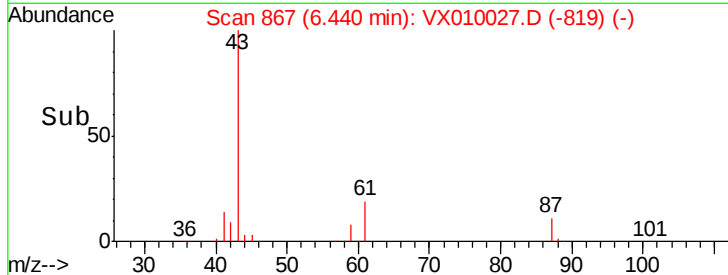
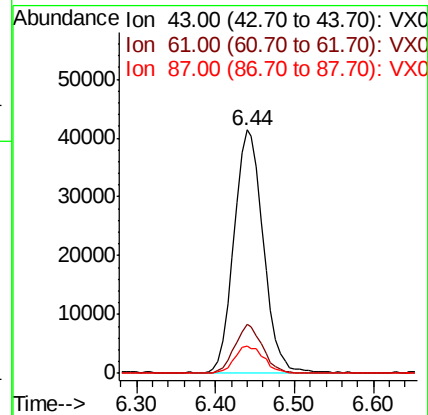
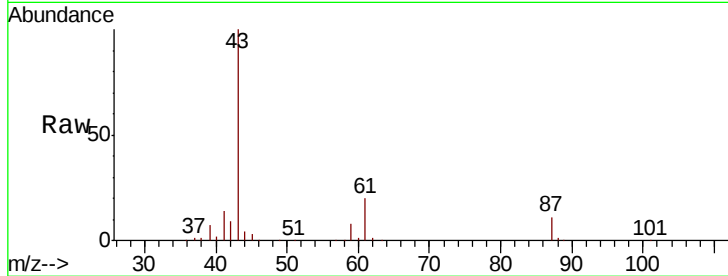


#43

Isopropyl Acetate
 Concen: 17.580 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :

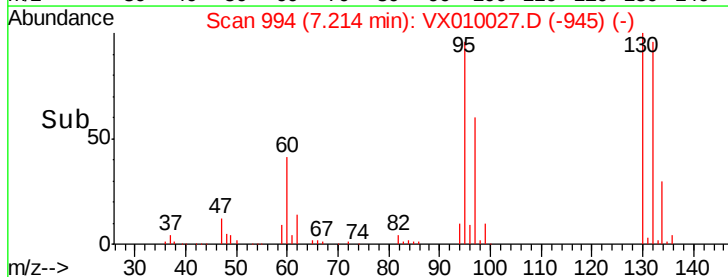
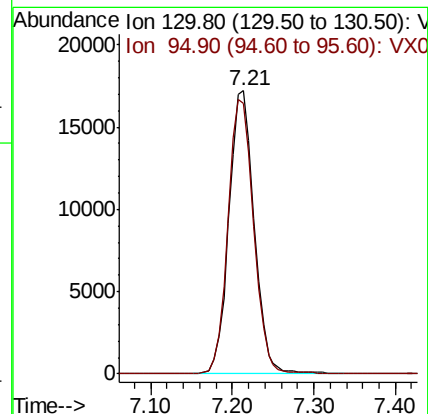
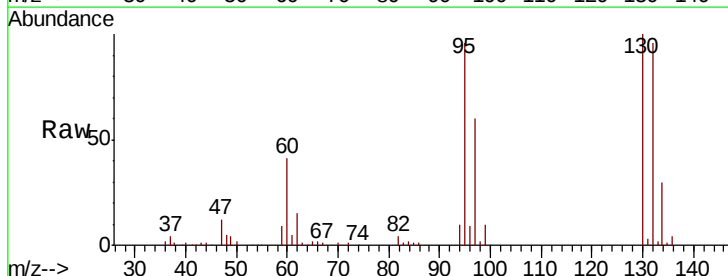
Tot Ion: 43 Resp: 106504
 Ion Ratio Lower Upper
 43 100
 61 19.1 14.6 21.8
 87 11.3 8.7 13.1

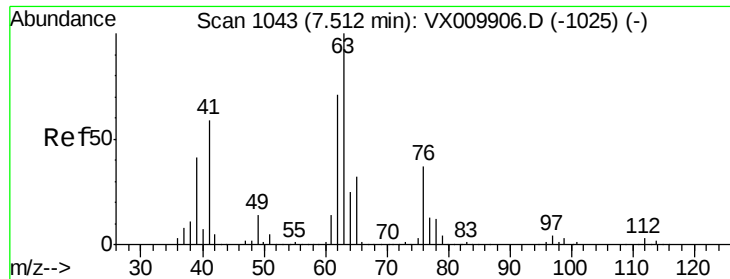


#44

Trichloroethene
 Concen: 18.899 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion:130 Resp: 36695
 Ion Ratio Lower Upper
 130 100
 95 95.5 0.0 207.4

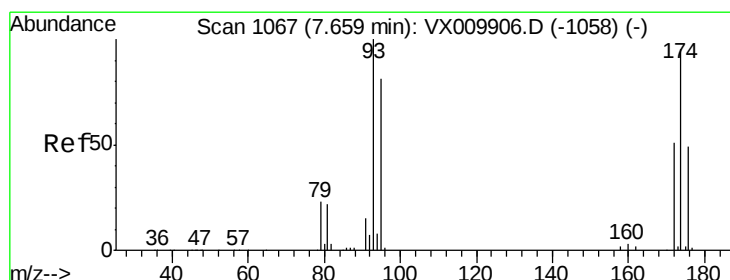
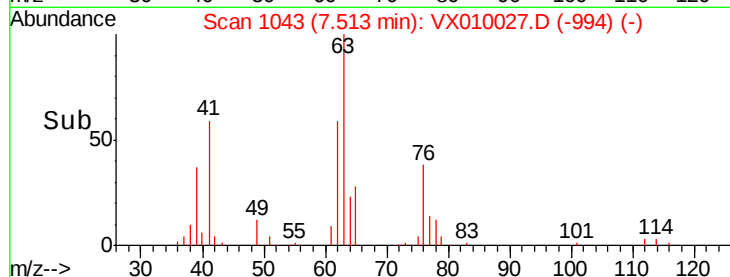
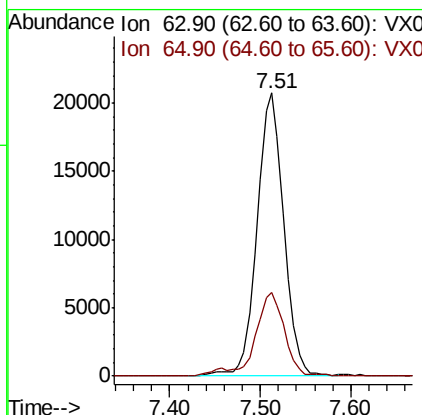
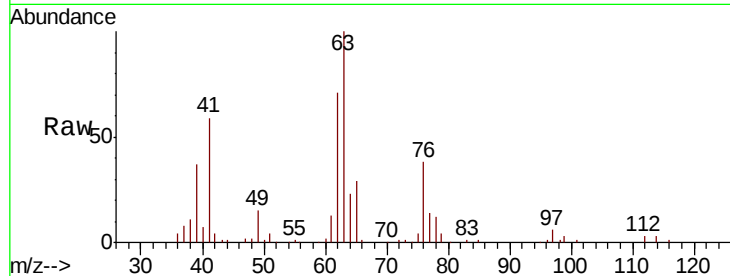




#45
 1,2-Dichloropropane
 Concen: 18.389 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

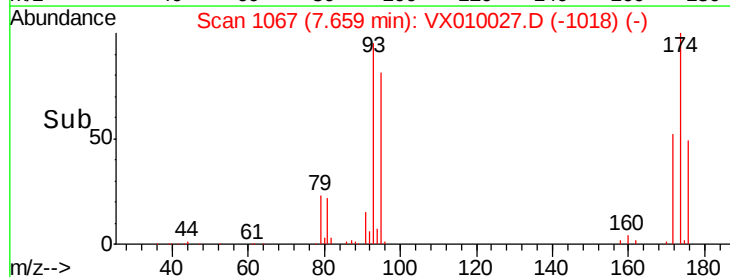
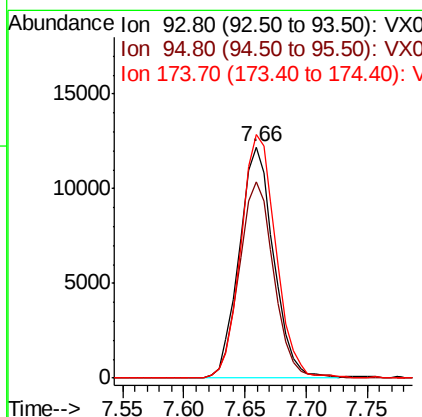
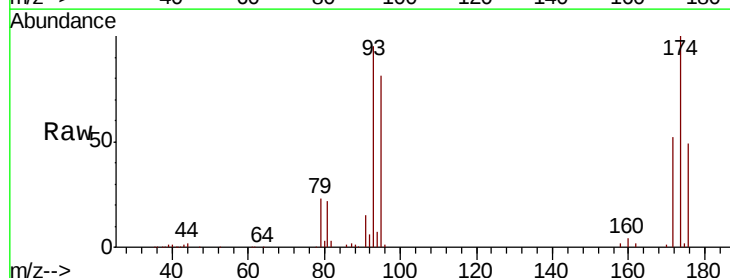
Instrument :
 MSVOA_X
 ClientSampleId :

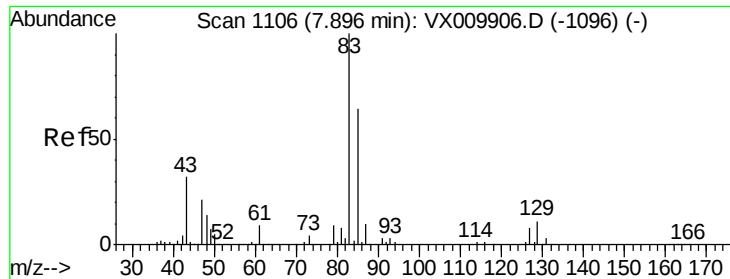
Tot Ion: 63 Resp: 42314
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.7 38.5



#46
 Dibromomethane
 Concen: 17.621 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion: 93 Resp: 23867
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.8 100.2
 174 107.3 81.9 122.9





#47

Bromodichloromethane

Concen: 18.983 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

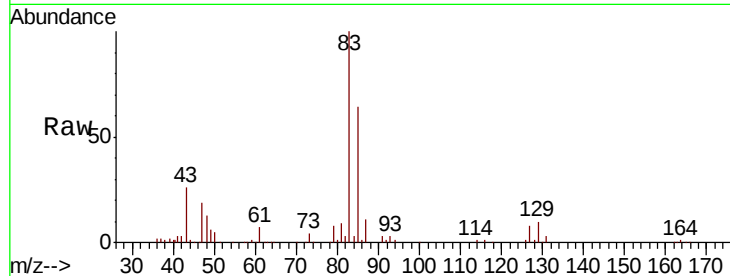
Tot Ion: 83 Resp: 48892

Ion Ratio Lower Upper

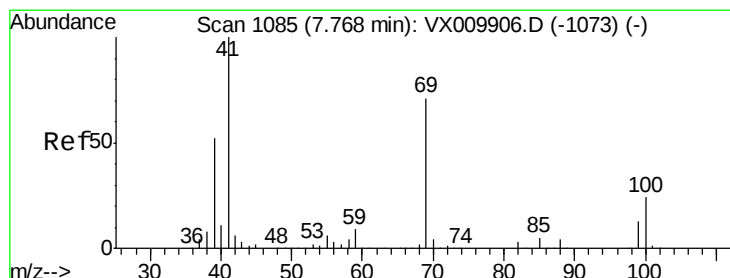
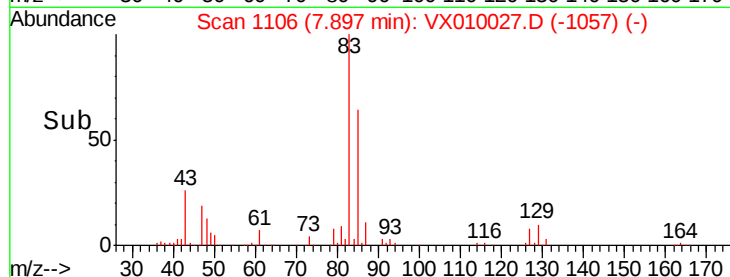
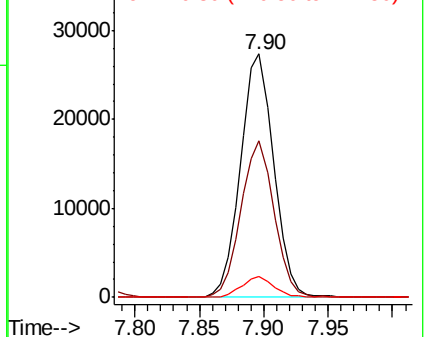
83 100

85 64.3 51.4 77.2

127 8.4 6.4 9.6



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



#48

Methyl methacrylate

Concen: 17.770 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

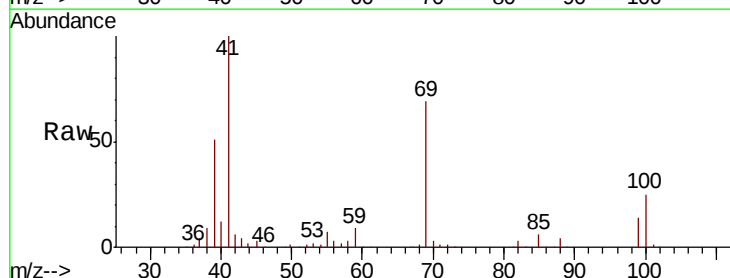
Tgt Ion: 41 Resp: 53292

Ion Ratio Lower Upper

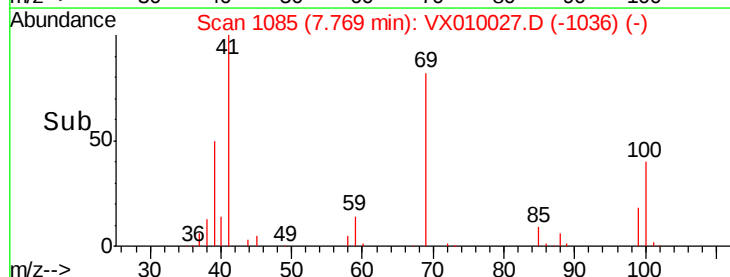
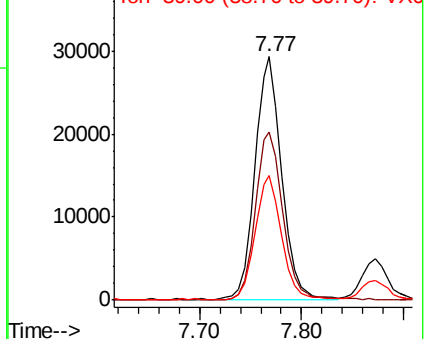
41 100

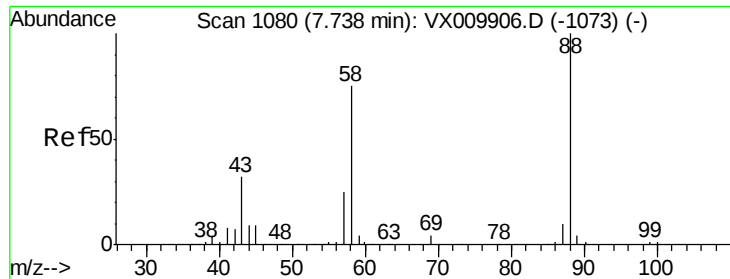
69 71.8 56.4 84.6

39 50.5 40.6 60.8



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

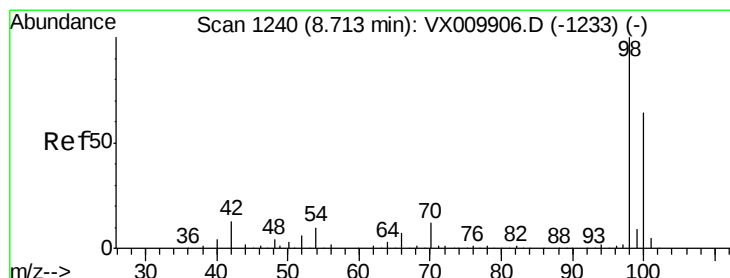
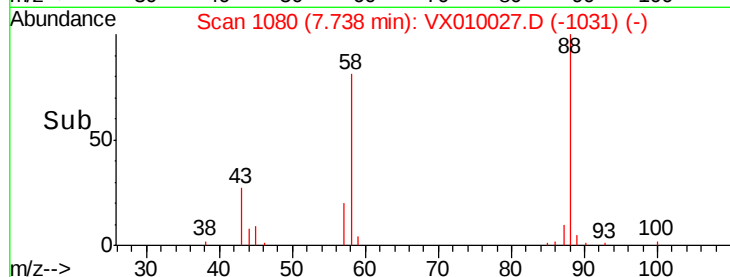
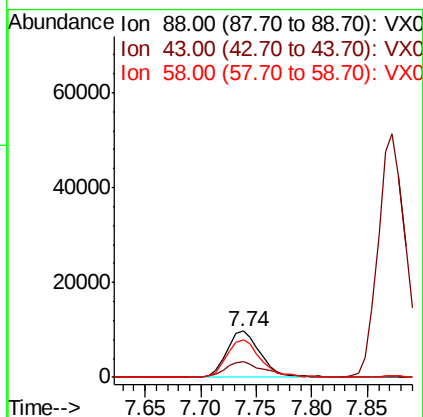
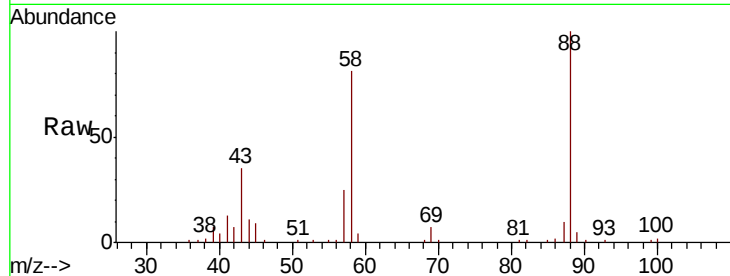




#49
1,4-Dioxane
Concen: 367.018 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

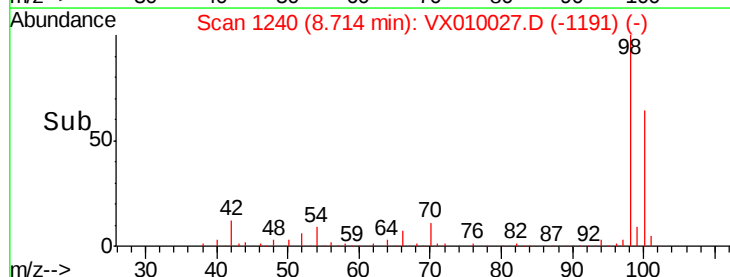
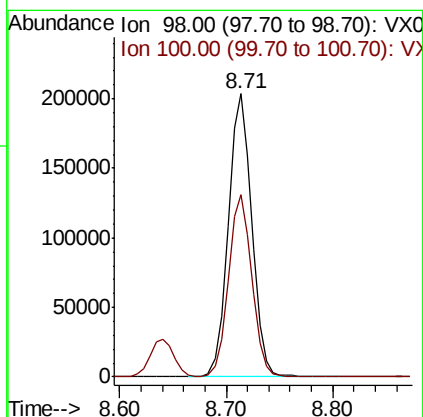
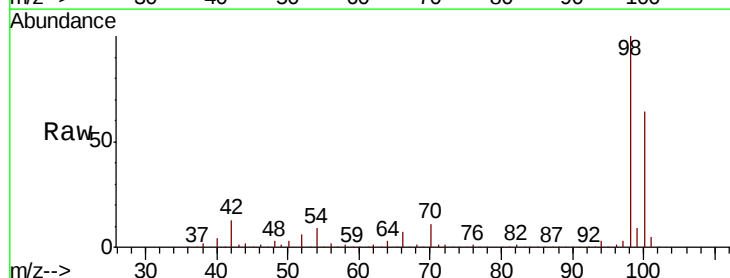
Instrument :
MSVOA_X
ClientSampleId :

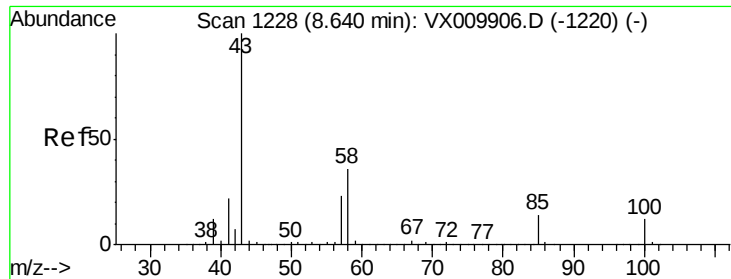
Tot Ion: 88 Resp: 20474
Ion Ratio Lower Upper
88 100
43 38.4 30.2 45.4
58 82.5 64.0 96.0



#50
Toluene-d8
Concen: 46.309 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 98 Resp: 313990
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 88.700 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

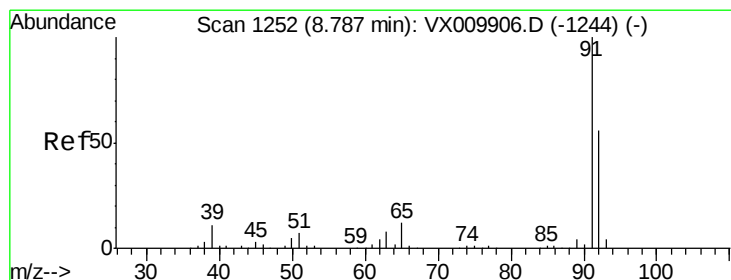
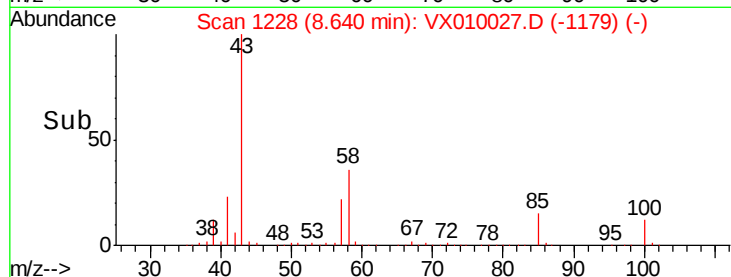
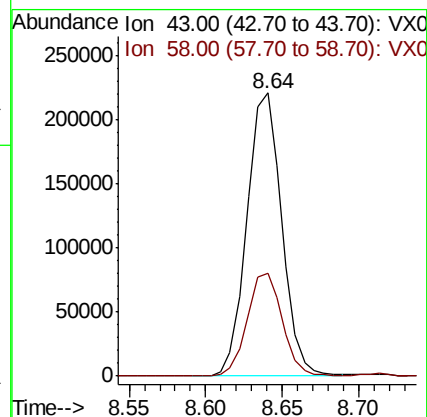
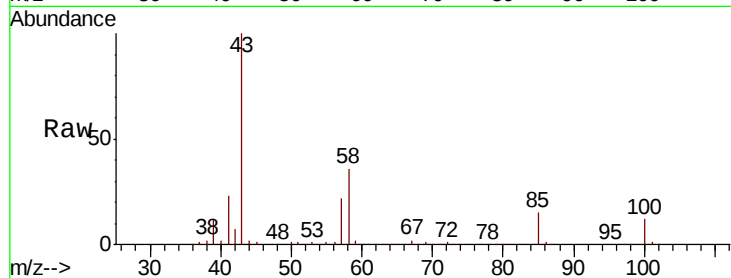
ClientSampleId :

Tot Ion: 43 Resp: 349562

Ion Ratio Lower Upper

43 100

58 36.5 28.8 43.2



#52

Toluene

Concen: 19.117 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010027.D

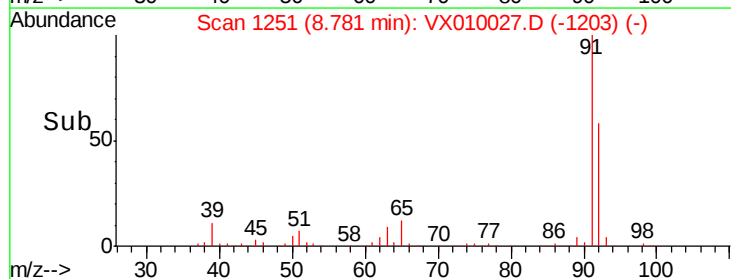
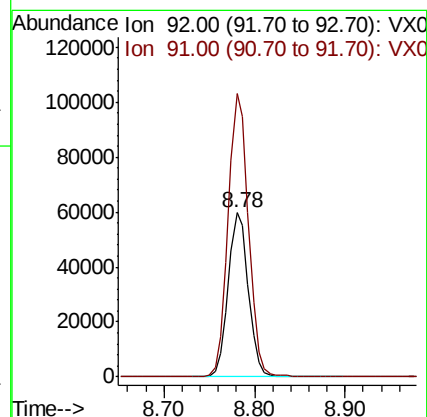
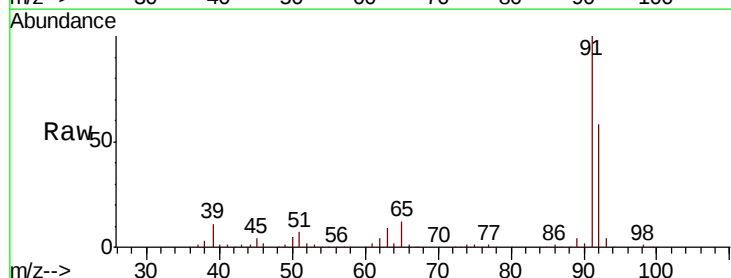
Acq: 03 Jun 2019 11:43

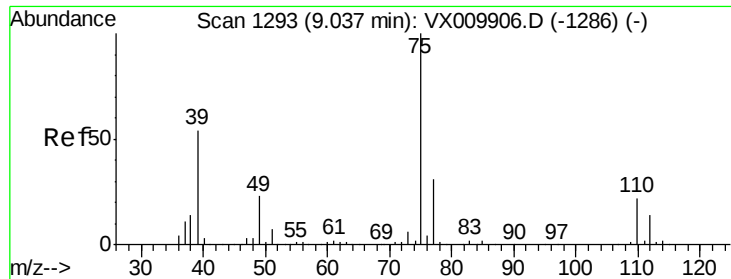
Tgt Ion: 92 Resp: 92779

Ion Ratio Lower Upper

92 100

91 173.6 139.9 209.9

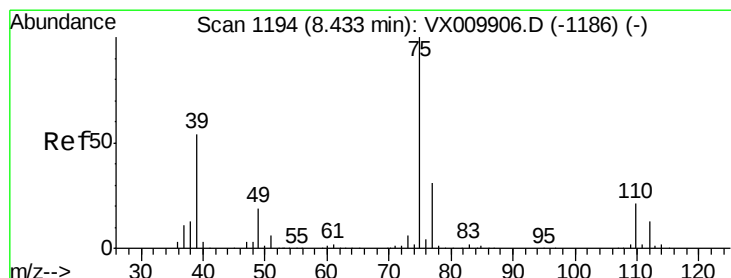
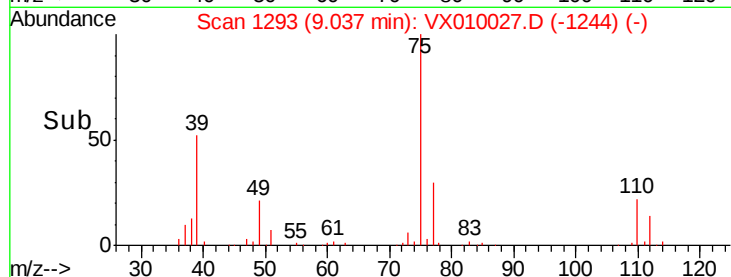
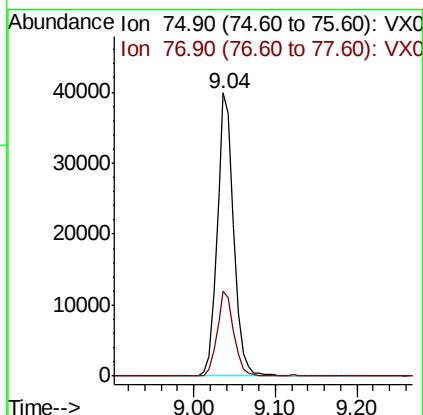
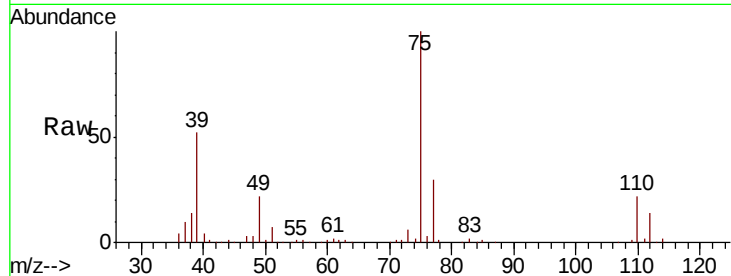




#53
t-1,3-Dichloropropene
Concen: 18.370 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

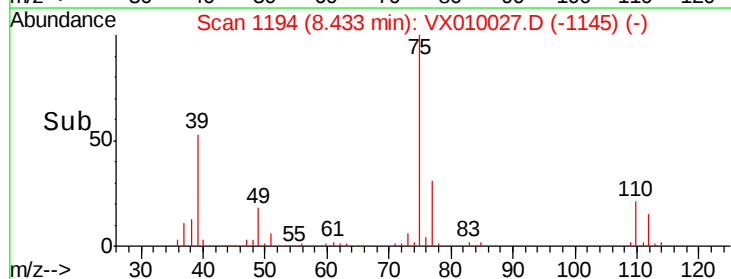
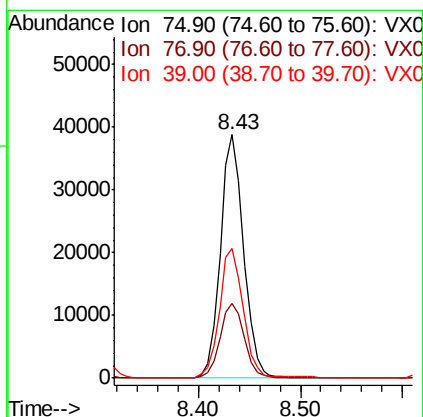
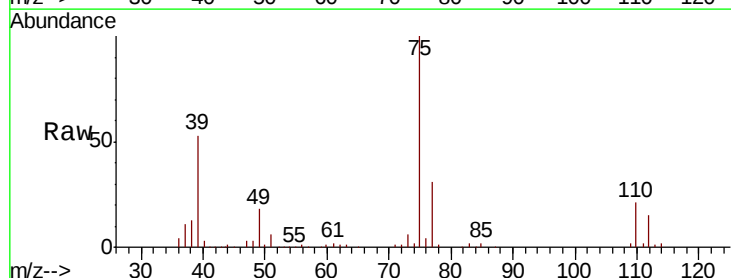
Instrument :
MSVOA_X
ClientSampleId :

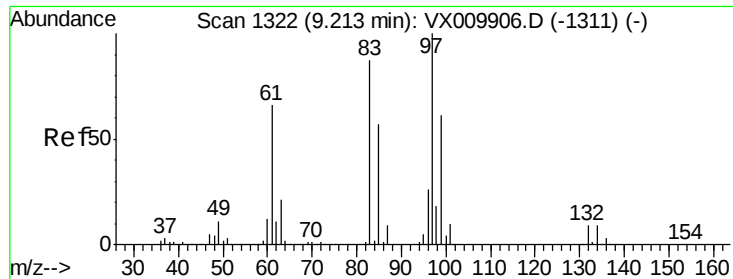
Tot Ion: 75 Resp: 56744
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 18.273 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 75 Resp: 61498
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 52.9 43.4 65.0

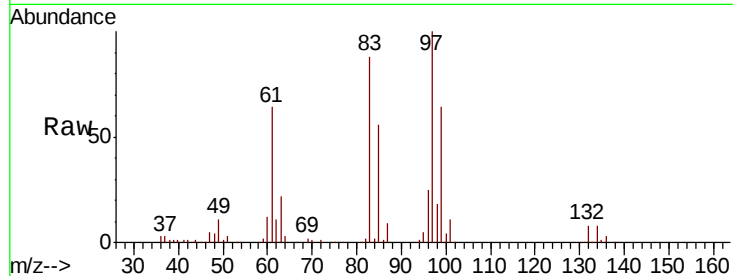




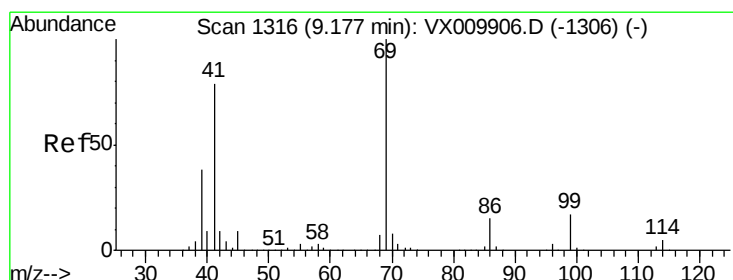
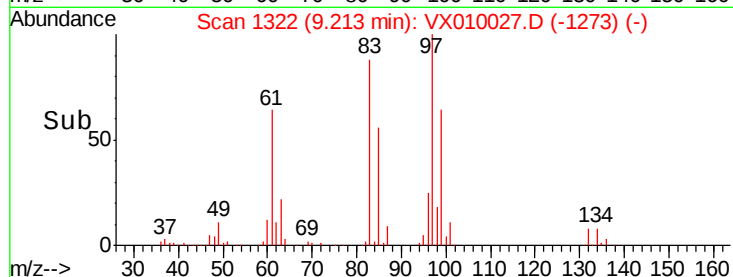
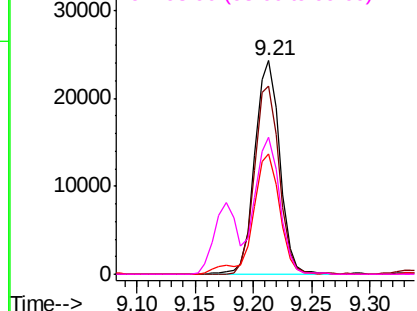
#55
 1,1,2-Trichloroethane
 Concen: 18.676 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	36481
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.8	104.8
85	56.5	45.3	67.9
99	64.2	49.0	73.4

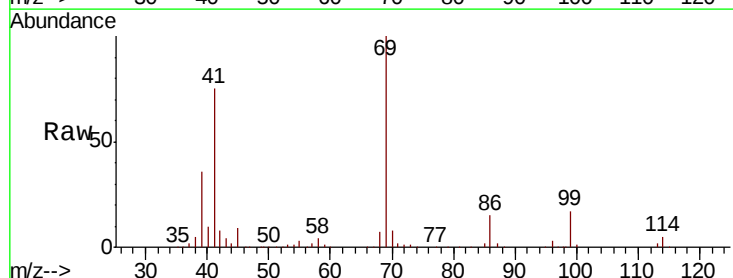


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

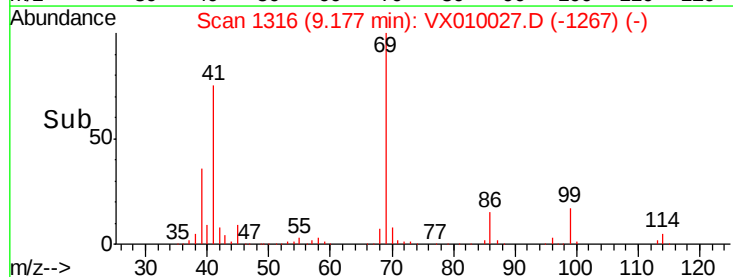
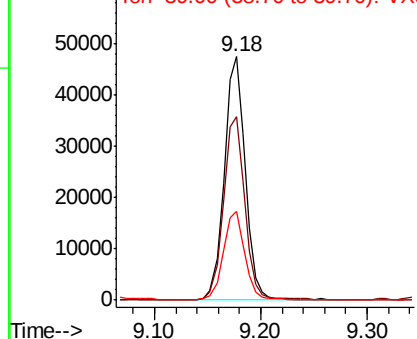


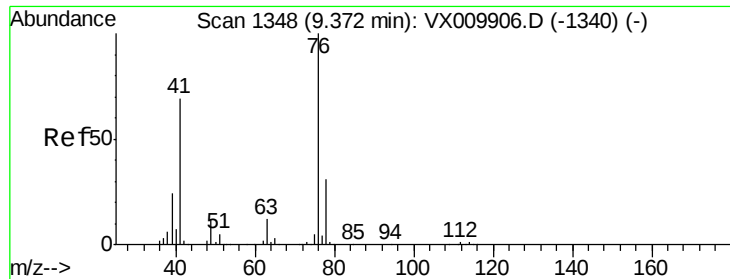
#56
 Ethyl methacrylate
 Concen: 18.751 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion:	69	Resp:	65211
Ion	Ratio	Lower	Upper
69	100		
41	76.3	62.7	94.1
39	36.6	29.5	44.3



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





#57

1,3-Dichloropropane

Concen: 18.371 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

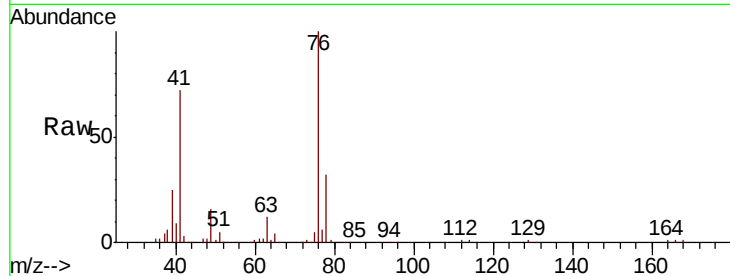
ClientSampleId :

Tot Ion: 76 Resp: 64448

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

40000

30000

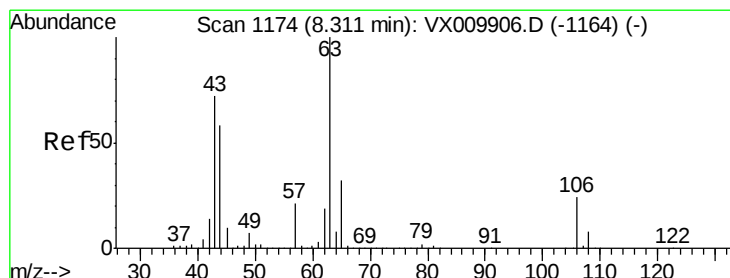
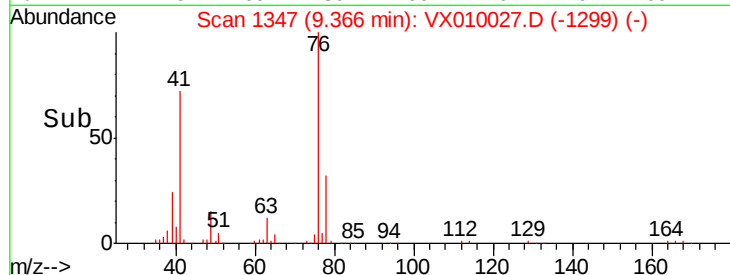
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 89.944 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010027.D

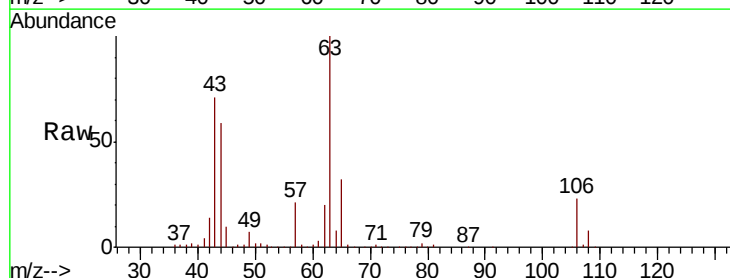
Acq: 03 Jun 2019 11:43

Tgt Ion: 63 Resp: 164021

Ion Ratio Lower Upper

63 100

106 24.1 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

60000

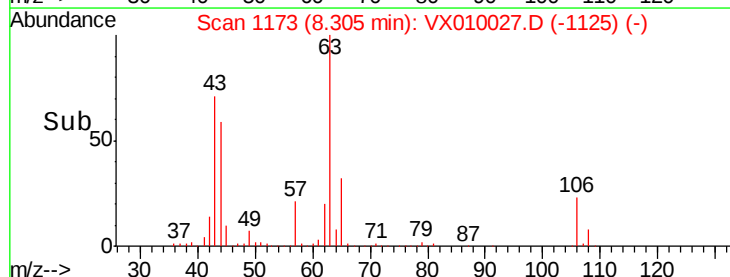
40000

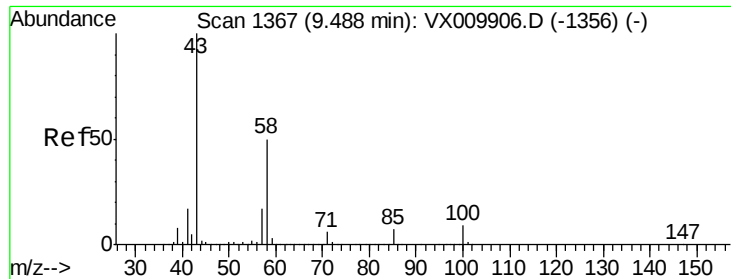
20000

0

8.20 8.30 8.40

Time-->

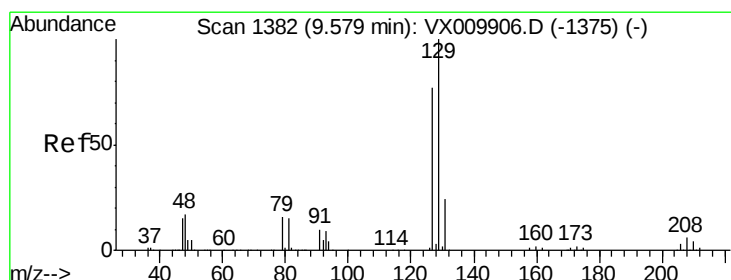
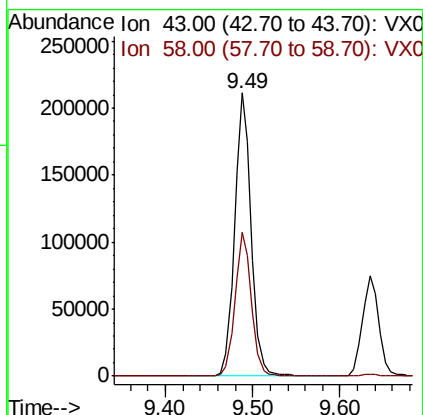
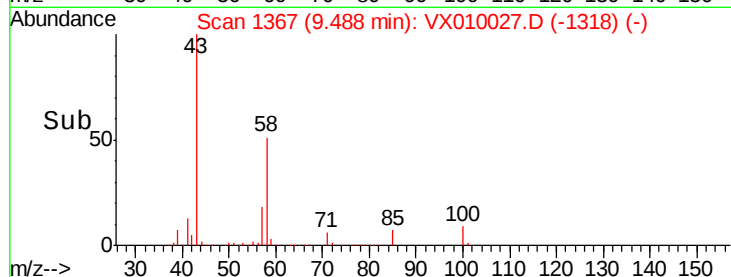
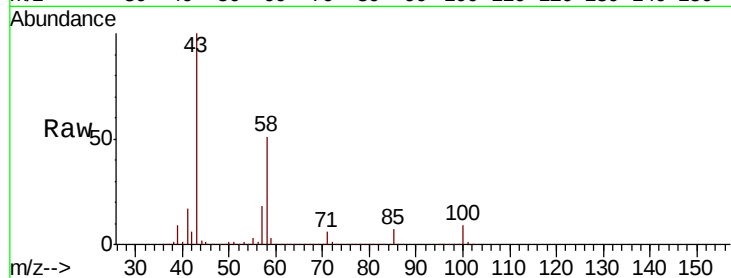




#59
2-Hexanone
Concen: 91.841 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

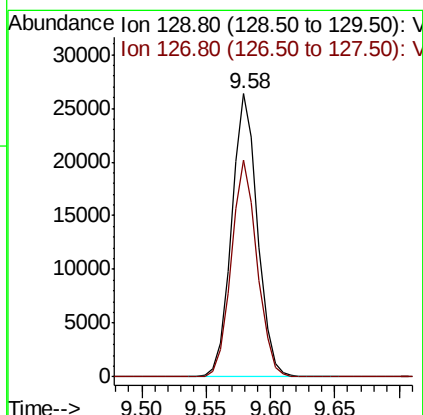
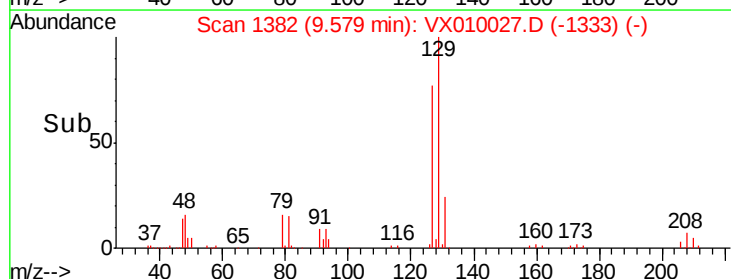
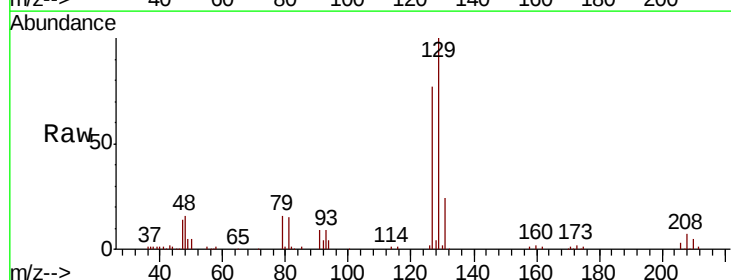
Instrument :
MSVOA_X
ClientSampleId :

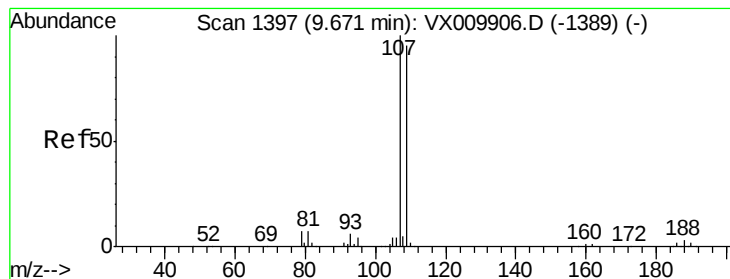
Tot Ion: 43 Resp: 278660
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3



#60
Dibromochloromethane
Concen: 19.245 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:129 Resp: 36981
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.733 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

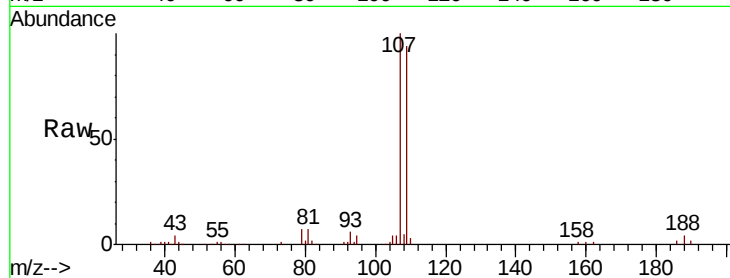
ClientSampleId :

Tot Ion:107 Resp: 37594

Ion Ratio Lower Upper

107 100

109 94.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

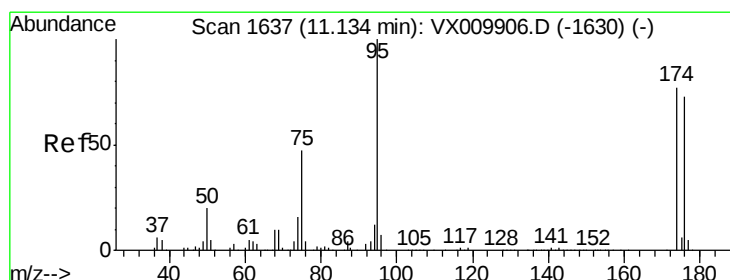
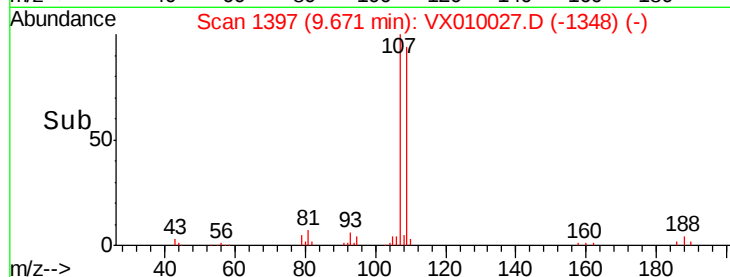
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.838 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

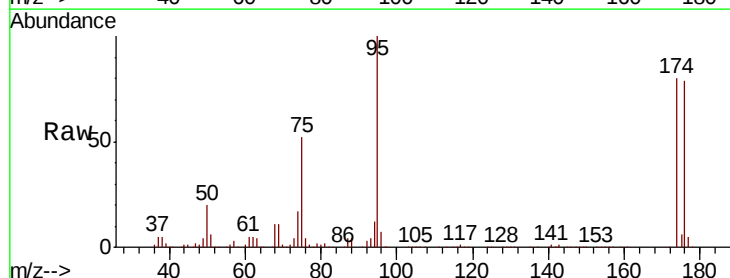
Tgt Ion: 95 Resp: 114068

Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.4

176 81.8 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

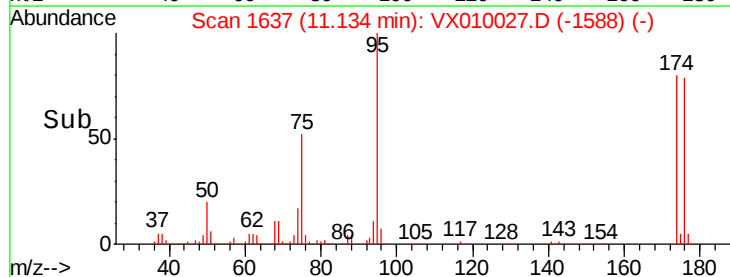
40000

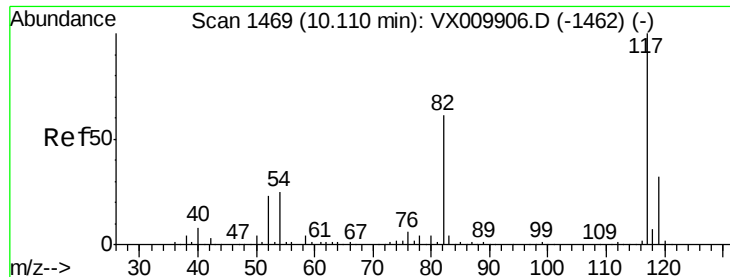
20000

0

Time-->

11.10 11.20

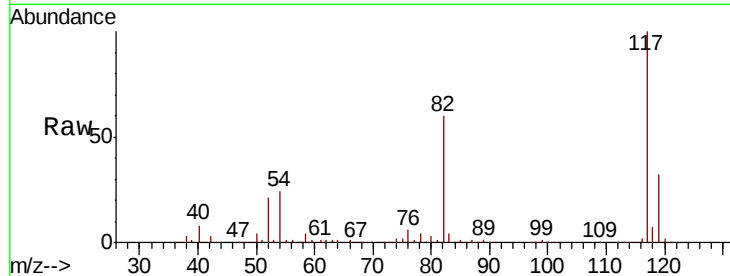




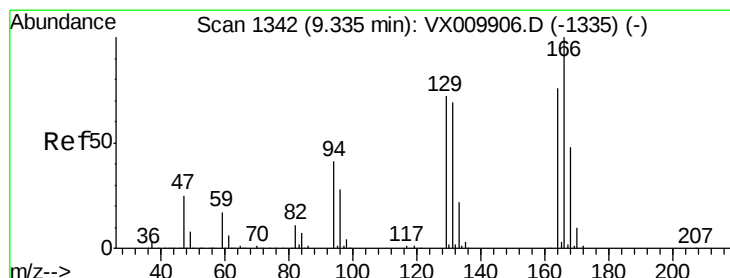
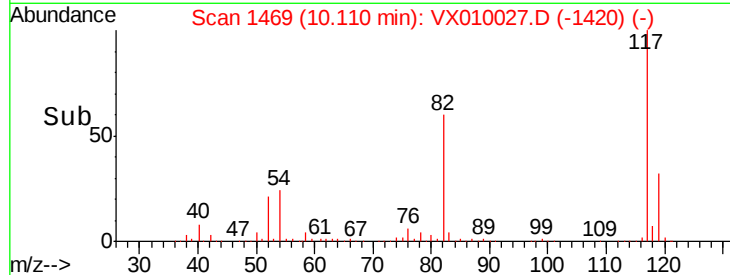
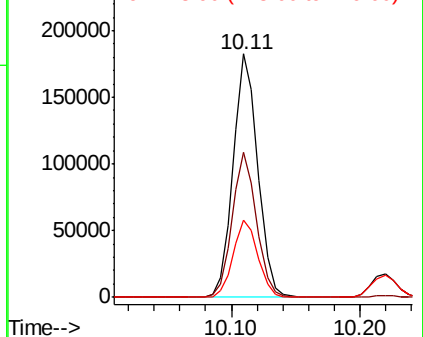
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 243695
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 31.8 25.2 37.8

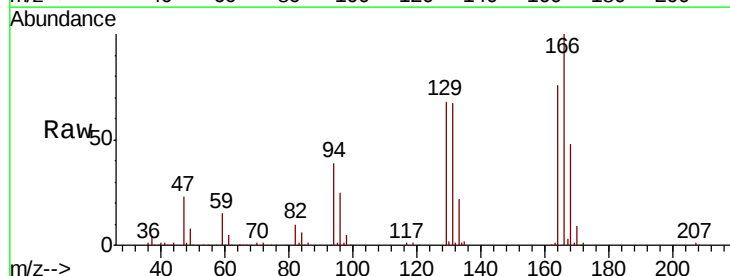


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

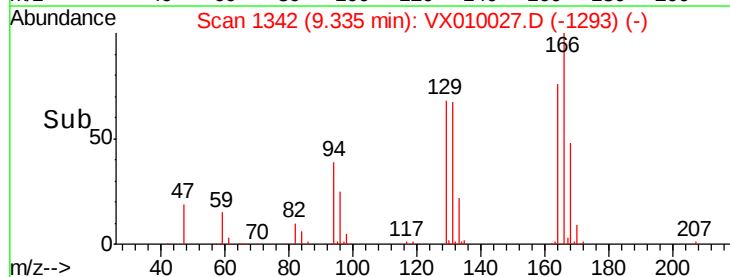
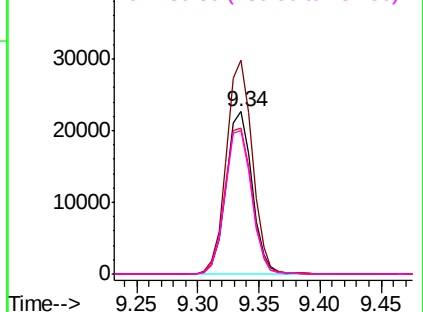


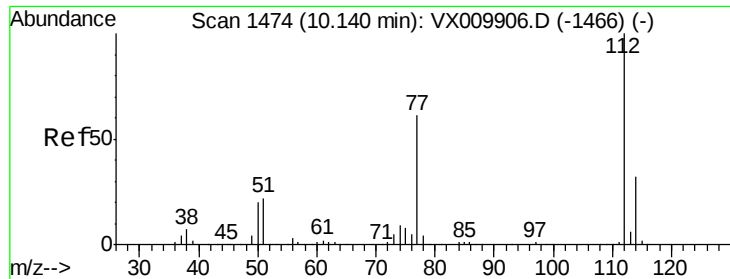
#64
Tetrachloroethene
Concen: 19.422 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:164 Resp: 33060
Ion Ratio Lower Upper
164 100
166 131.6 105.0 157.4
129 89.9 75.1 112.7
131 88.0 72.2 108.4



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

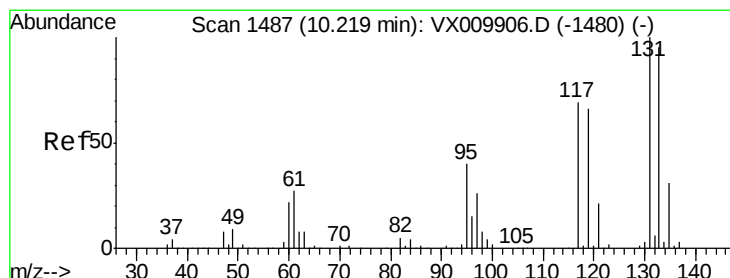
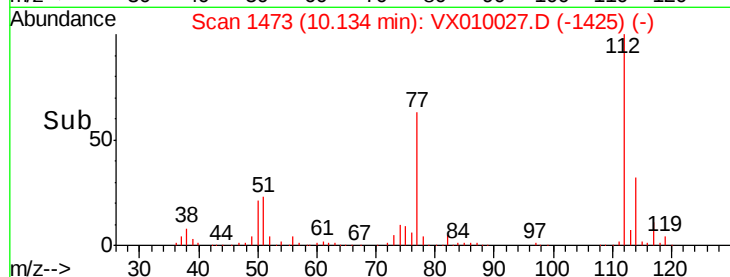
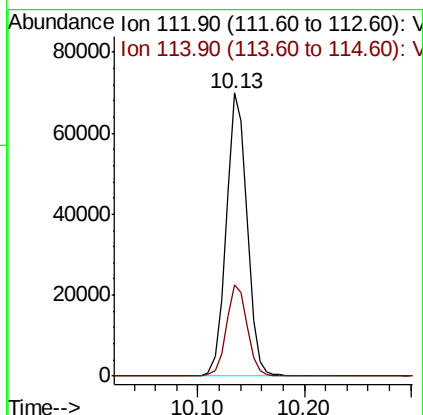
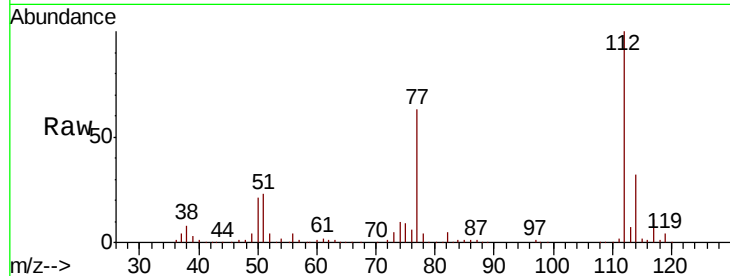




#65
Chlorobenzene
Concen: 18.779 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

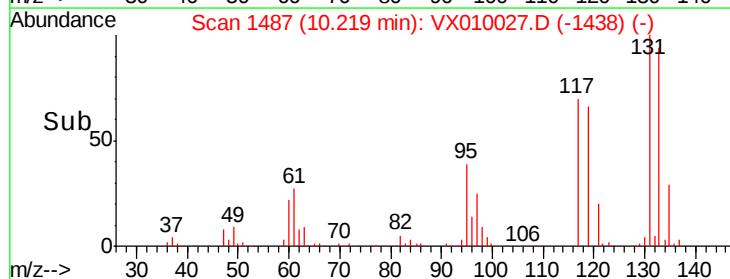
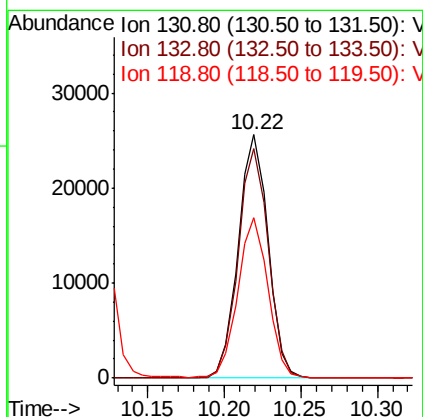
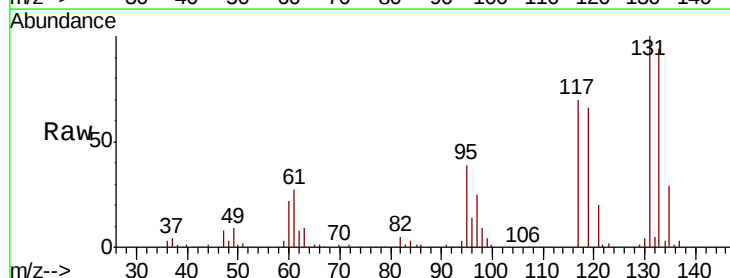
Instrument :
MSVOA_X
ClientSampleId :

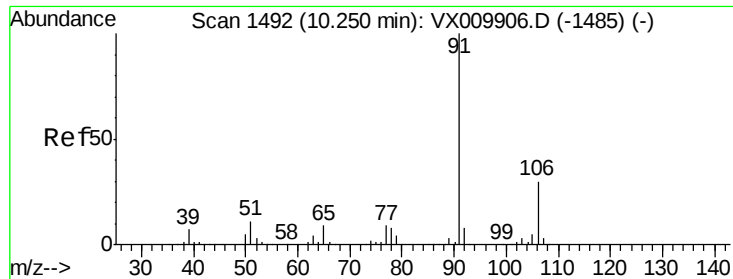
Tot Ion:112 Resp: 95804
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.547 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:131 Resp: 34588
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.3 33.4 100.1

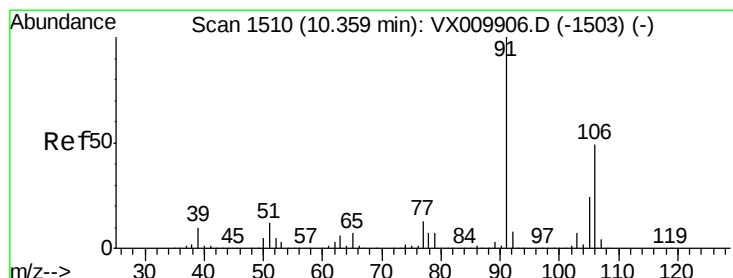
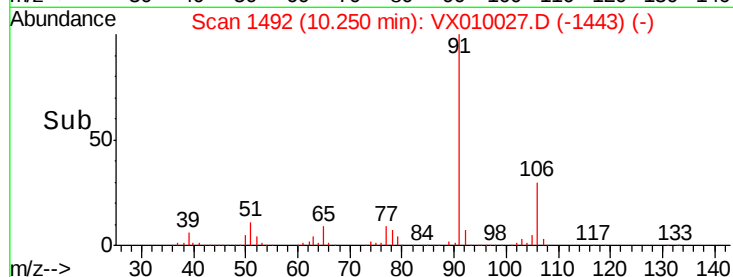
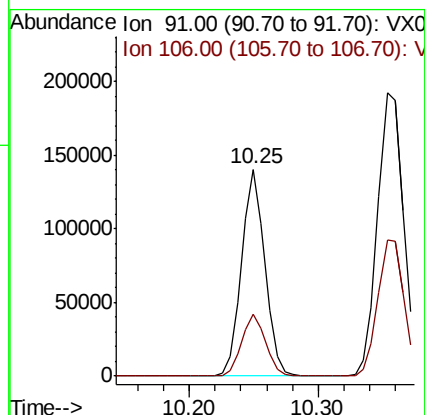
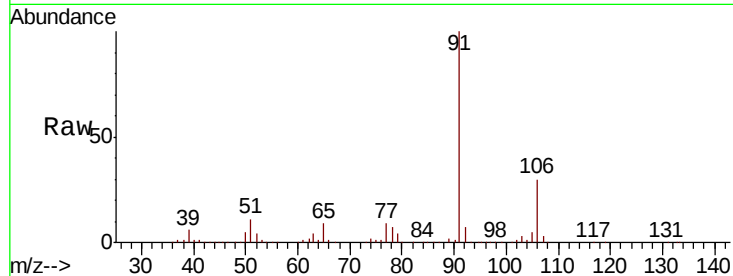




#67
Ethyl Benzene
Concen: 19.231 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

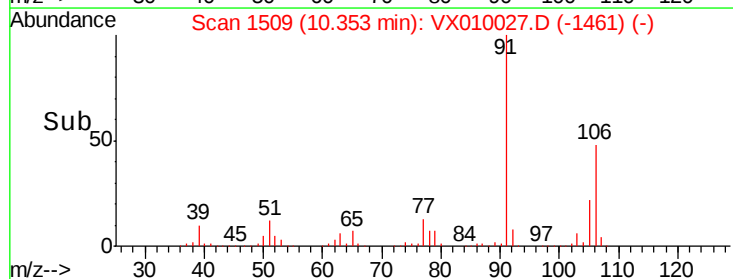
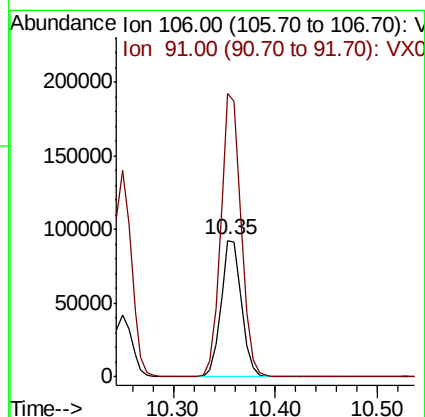
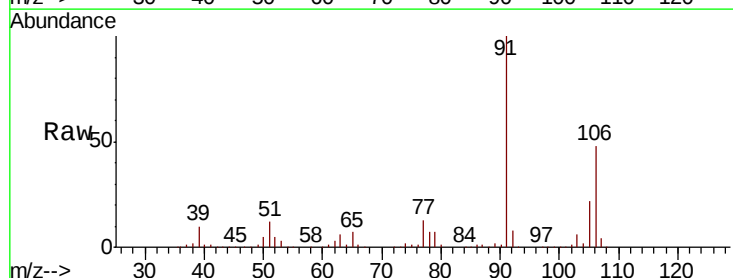
Instrument :
MSVOA_X
ClientSampleId :

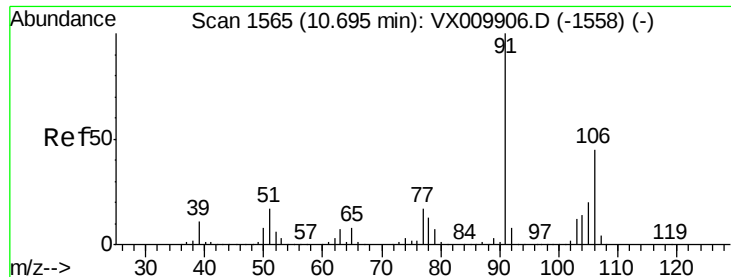
Tot Ion: 91 Resp: 176163
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9



#68
m/p-Xylenes
Concen: 38.541 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 106 Resp: 130430
Ion Ratio Lower Upper
106 100
91 205.8 167.3 250.9

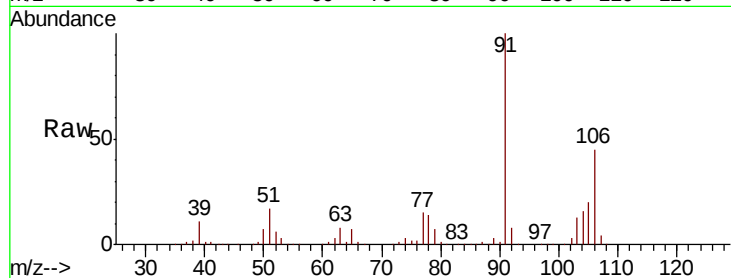




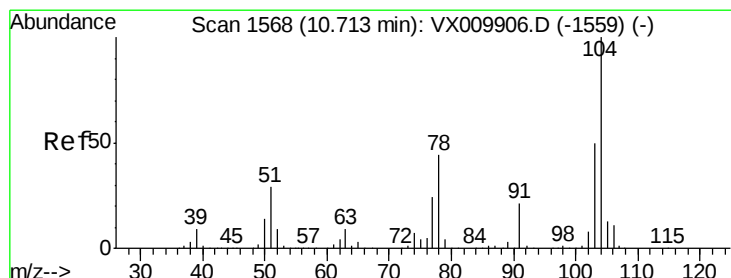
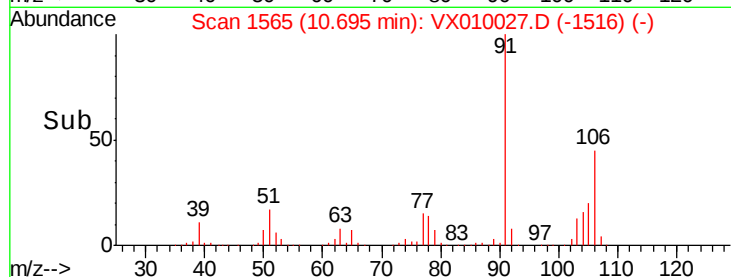
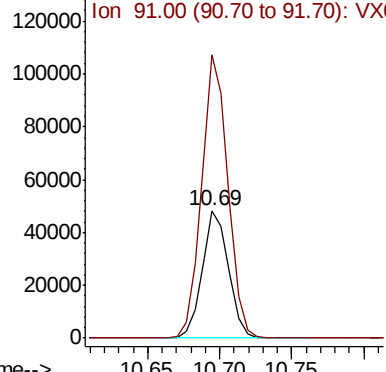
#69
o-Xylene
Concen: 19.051 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 61831
Ion Ratio Lower Upper
106 100
91 222.5 110.4 331.2

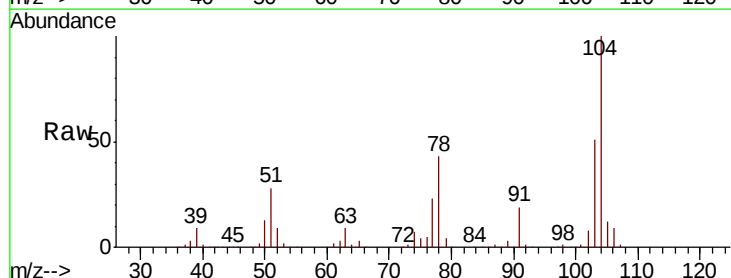


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

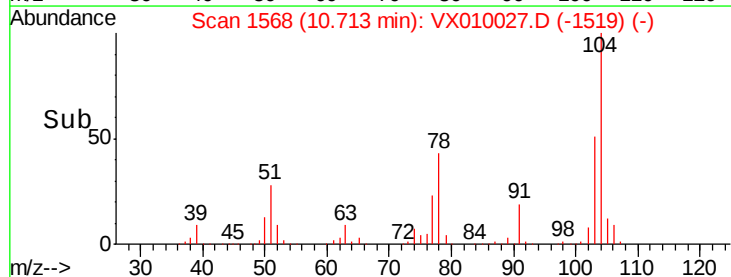
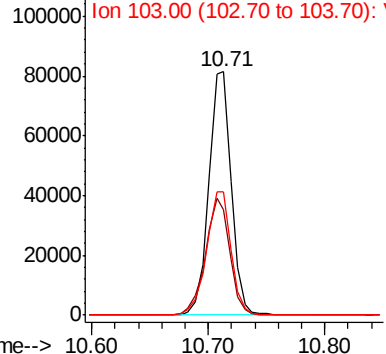


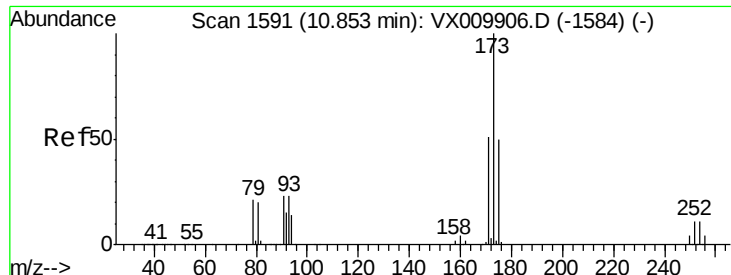
#70
Styrene
Concen: 19.207 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:104 Resp: 109309
Ion Ratio Lower Upper
104 100
78 51.9 42.1 63.1
103 55.5 44.1 66.1



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

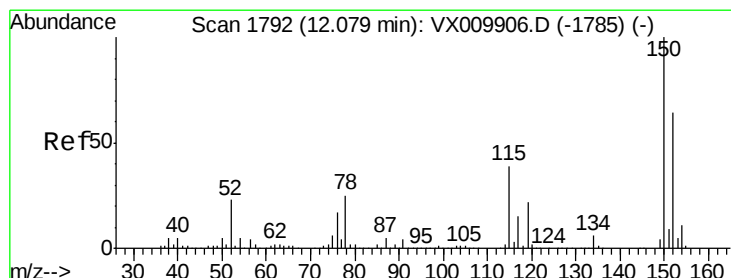
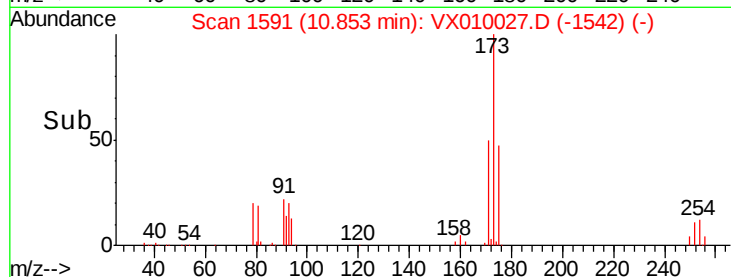
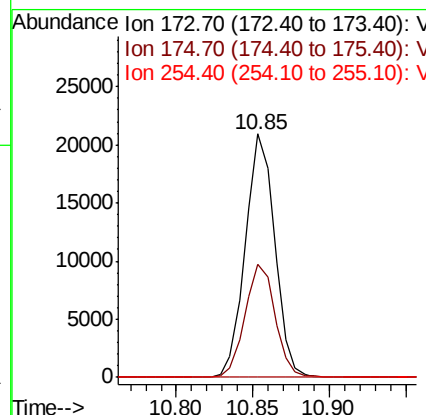
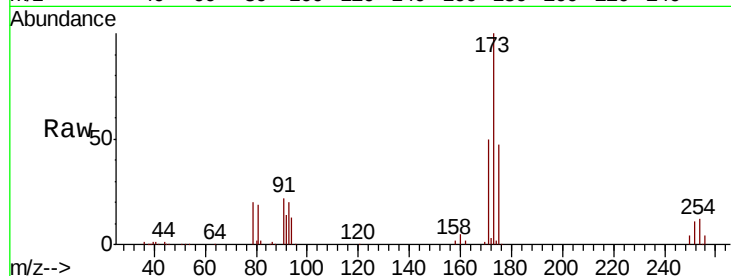




#71
Bromoform
Concen: 19.326 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

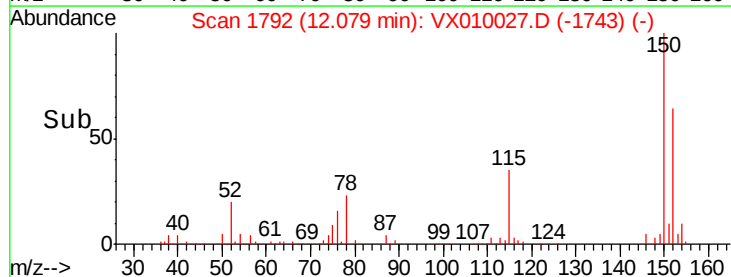
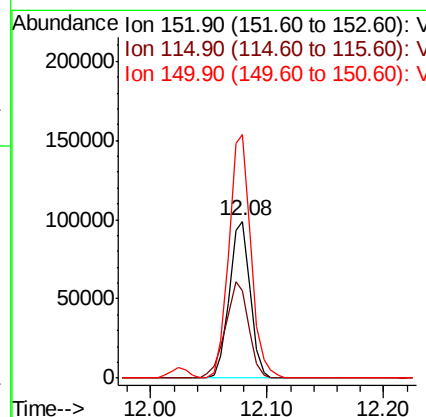
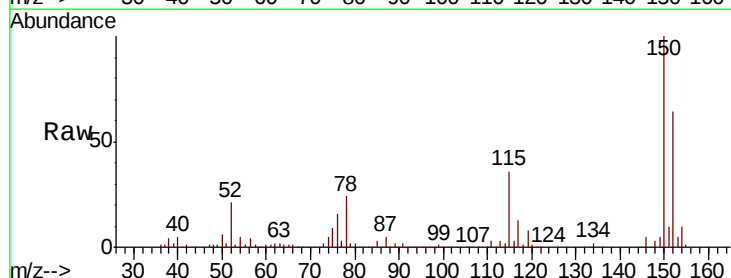
Instrument :
MSVOA_X
ClientSampleId :

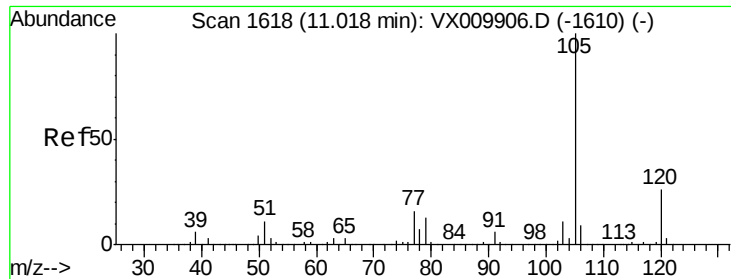
Tot Ion:173 Resp: 27953
Ion Ratio Lower Upper
173 100
175 47.8 25.0 75.0
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:152 Resp: 122600
Ion Ratio Lower Upper
152 100
115 67.6 41.4 124.2
150 163.6 0.0 345.2





#73

Isopropylbenzene

Concen: 18.808 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

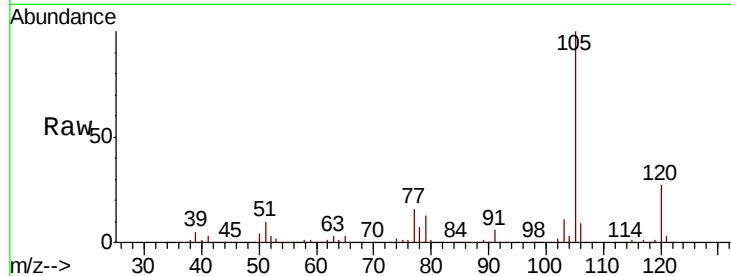
ClientSampleId :

Tot Ion:105 Resp: 170130

Ion Ratio Lower Upper

105 100

120 26.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

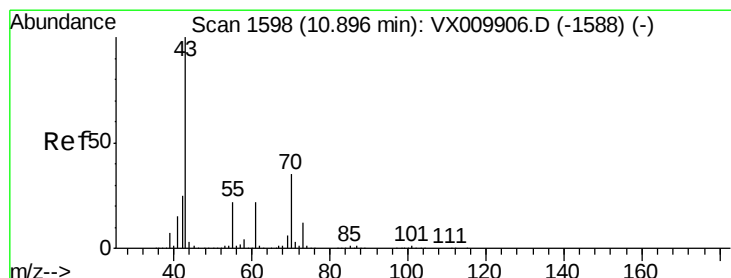
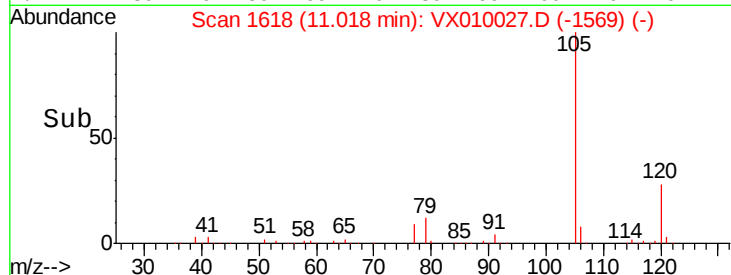
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.841 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion: 43 Resp: 96435

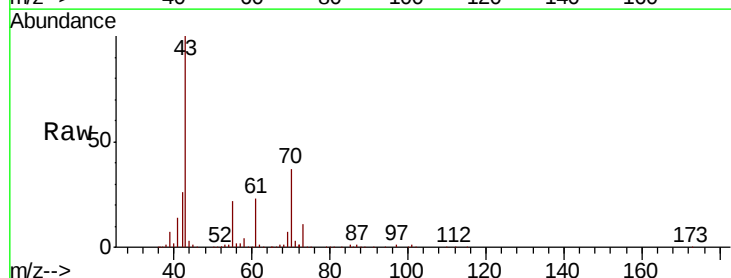
Ion Ratio Lower Upper

43 100

70 36.2 28.6 43.0

55 22.5 17.8 26.8

61 22.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

120000

100000

80000

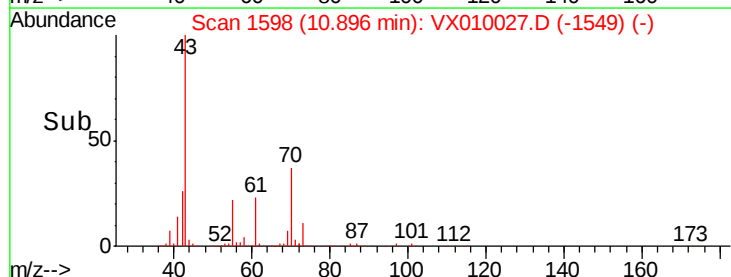
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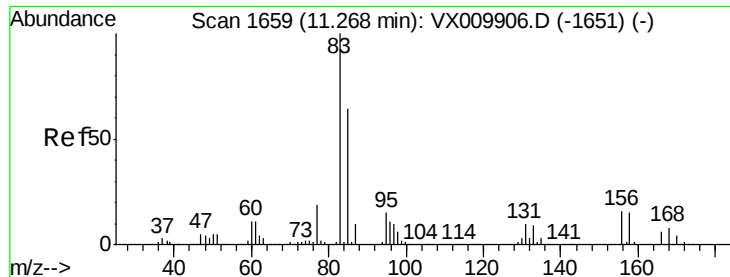
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.718 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

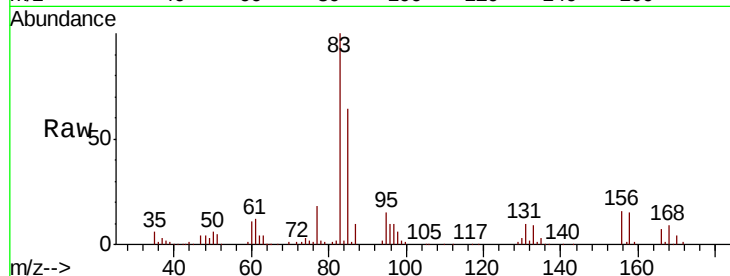
Tot Ion: 83 Resp: 59794

Ion Ratio Lower Upper

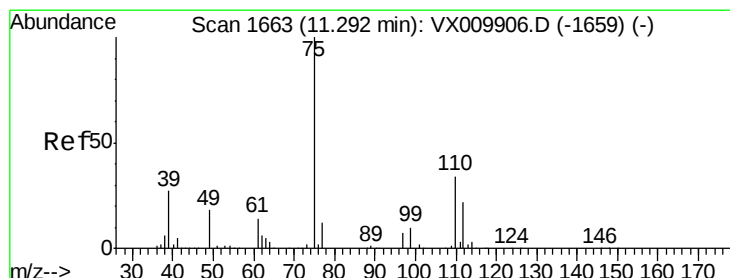
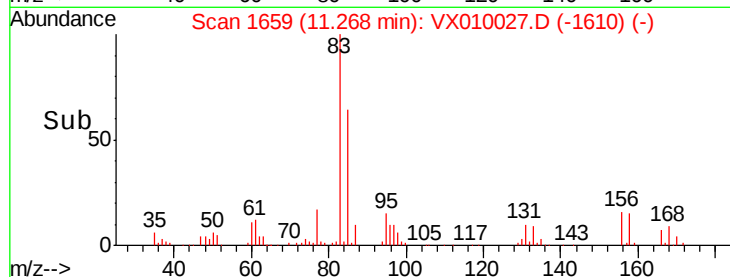
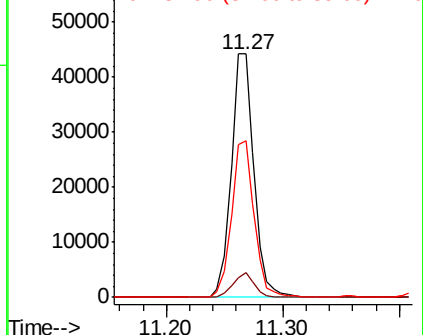
83 100

131 9.5 4.7 14.1

85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.612 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010027.D

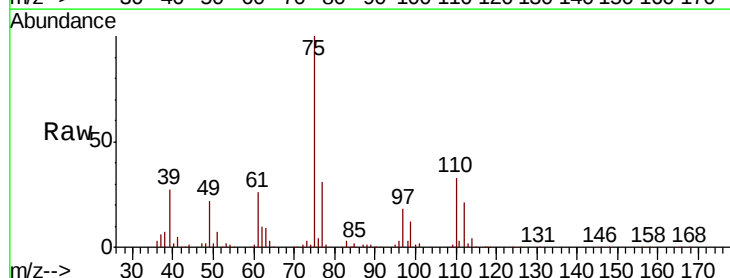
Acq: 03 Jun 2019 11:43

Tgt Ion: 75 Resp: 69224

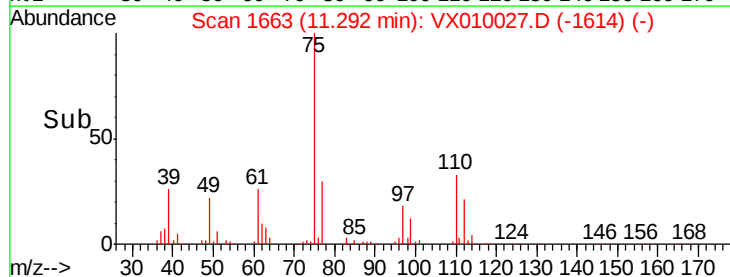
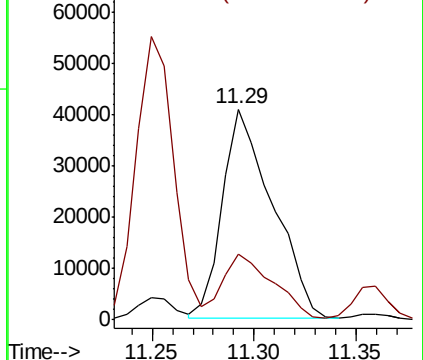
Ion Ratio Lower Upper

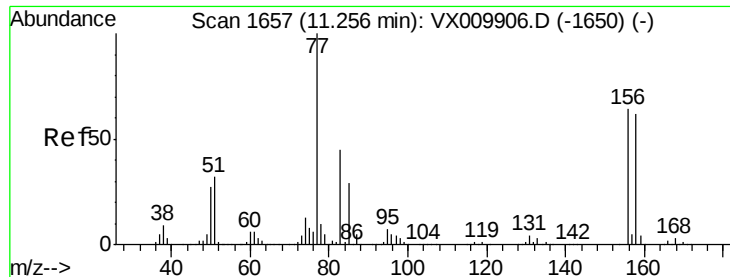
75 100

77 32.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.478 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

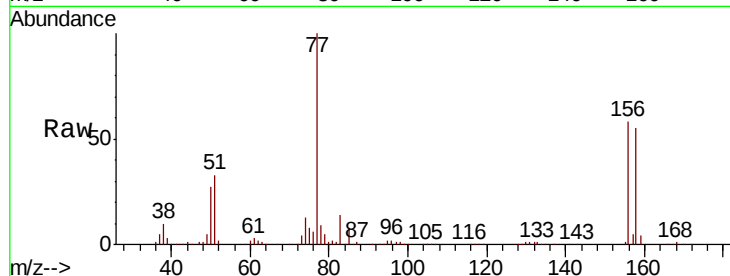
Tot Ion:156 Resp: 42596

Ion Ratio Lower Upper

156 100

77 167.3 86.8 260.3

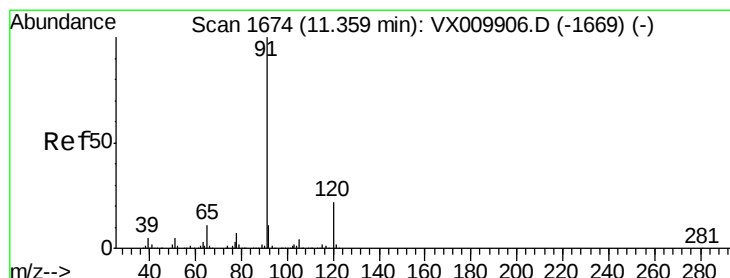
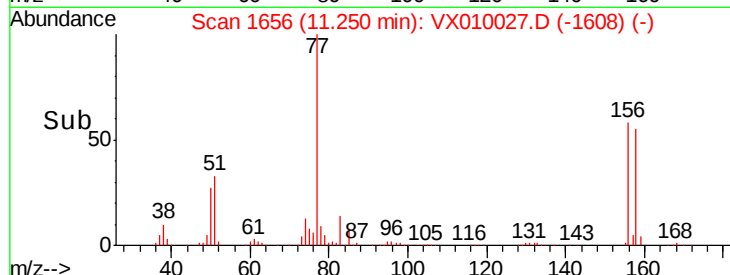
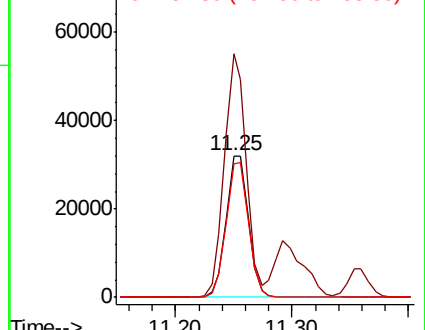
158 95.3 49.6 148.8



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: 18.835 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010027.D

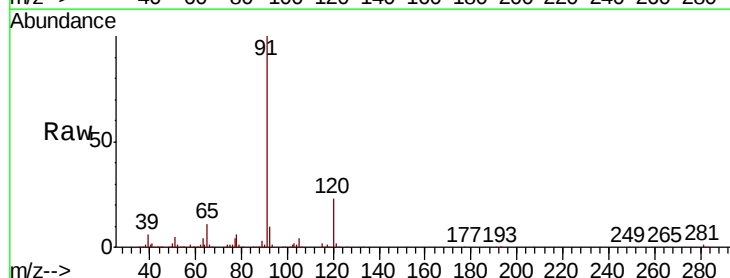
Acq: 03 Jun 2019 11:43

Tgt Ion: 91 Resp: 196383

Ion Ratio Lower Upper

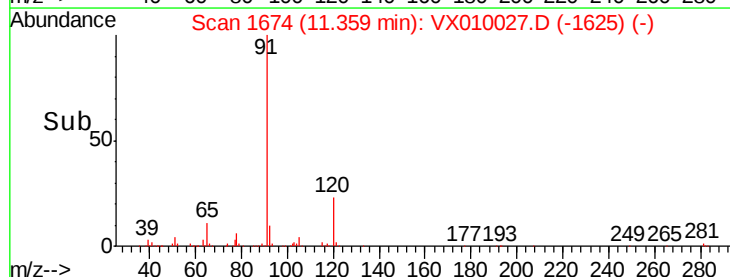
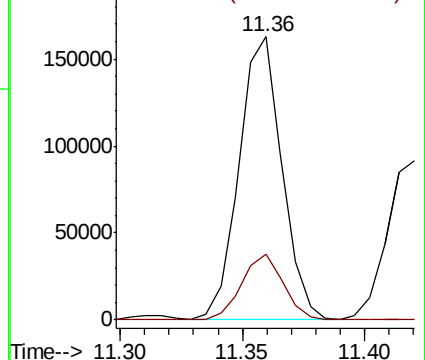
91 100

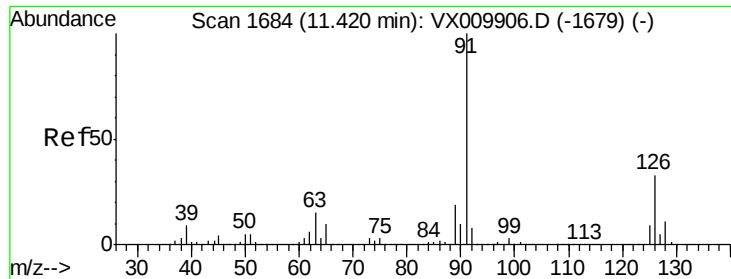
120 22.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

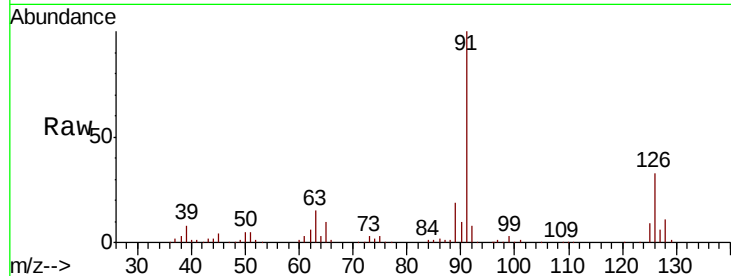




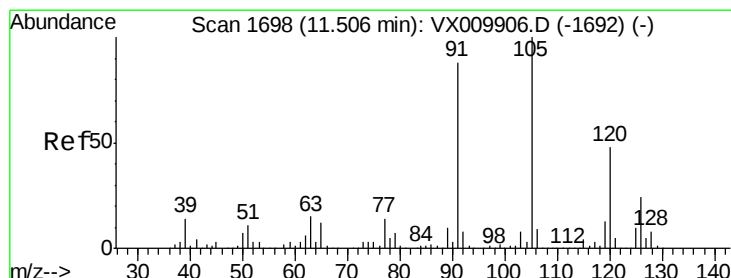
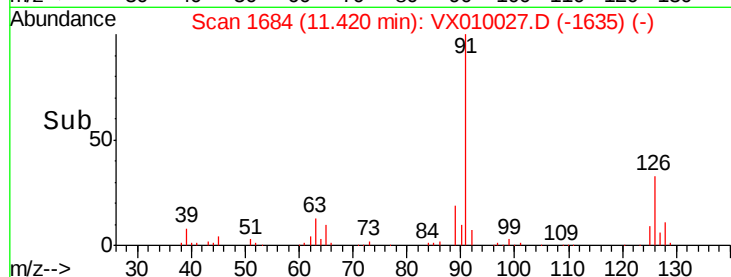
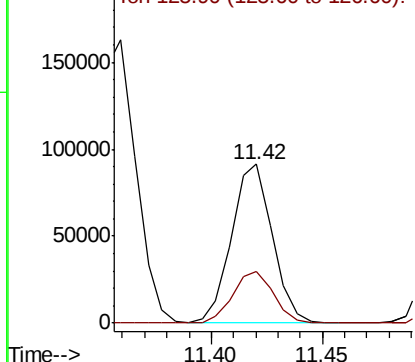
#79
2-Chlorotoluene
Concen: 18.259 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 116320
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3

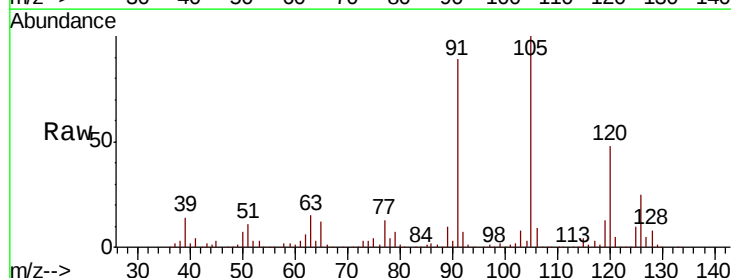


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

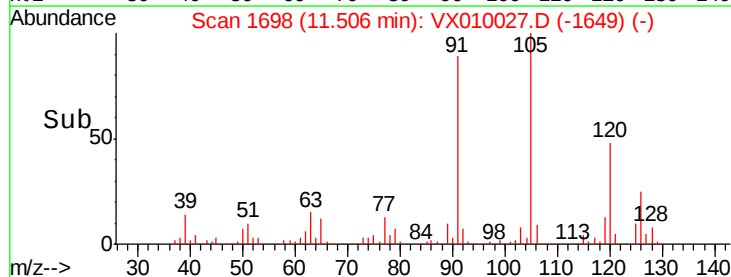
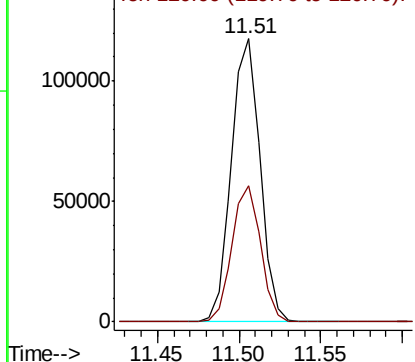


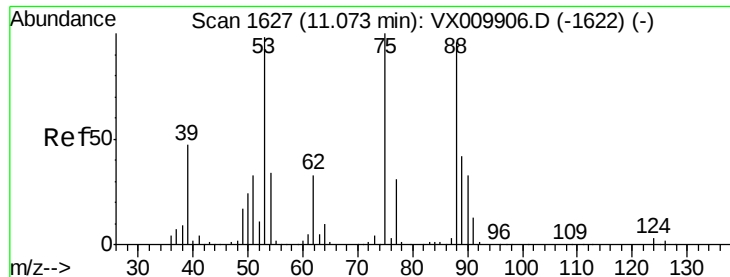
#80
1,3,5-Trimethylbenzene
Concen: 18.891 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:105 Resp: 143963
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.120 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

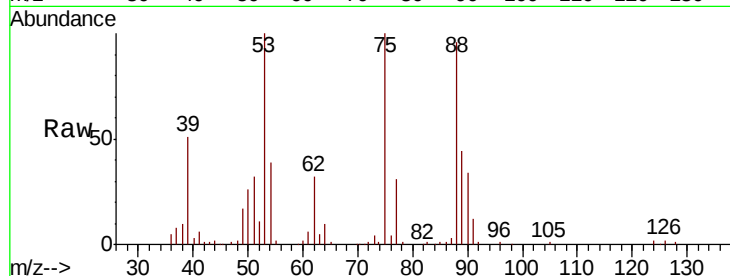
Tot Ion: 75 Resp: 20286

Ion Ratio Lower Upper

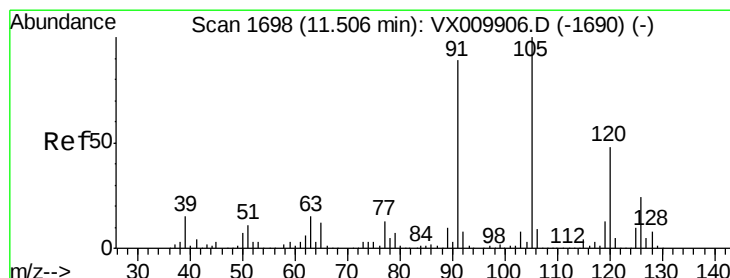
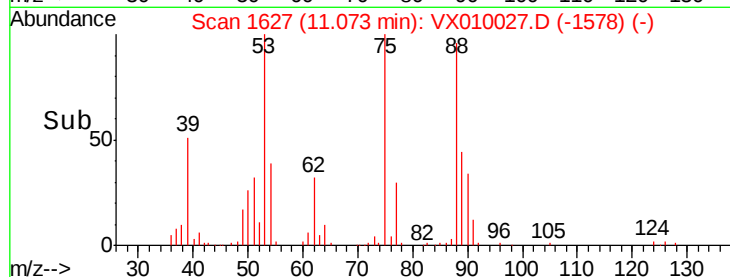
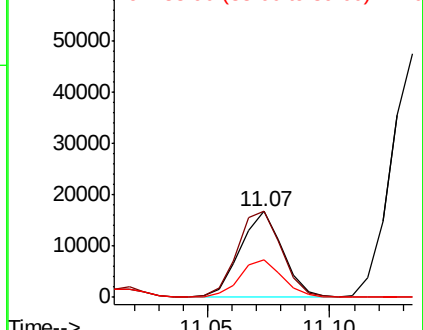
75 100

53 102.7 79.8 119.6

89 44.7 34.2 51.4



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



#82

4-Chlorotoluene

Concen: 18.205 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010027.D

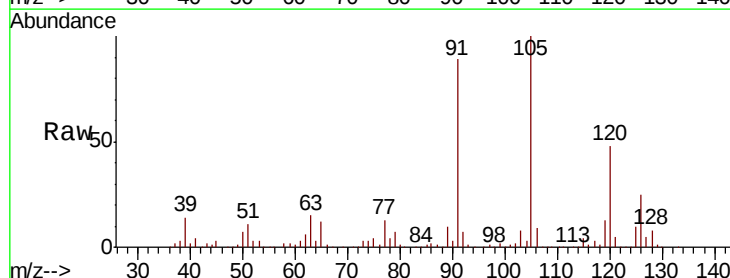
Acq: 03 Jun 2019 11:43

Tgt Ion: 91 Resp: 135008

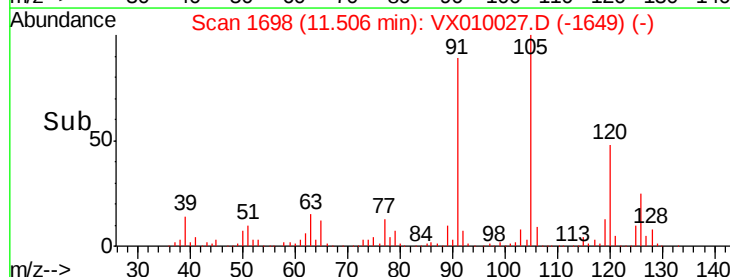
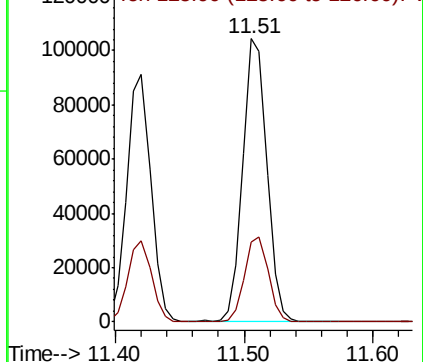
Ion Ratio Lower Upper

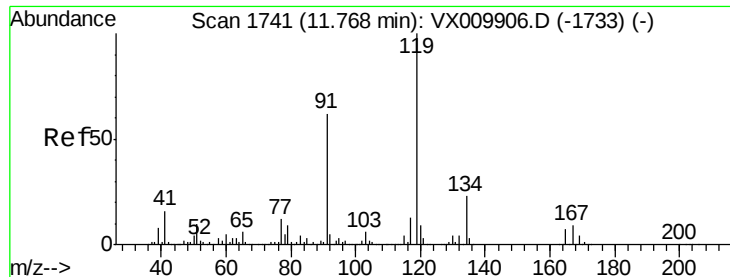
91 100

126 29.6 14.2 42.6



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

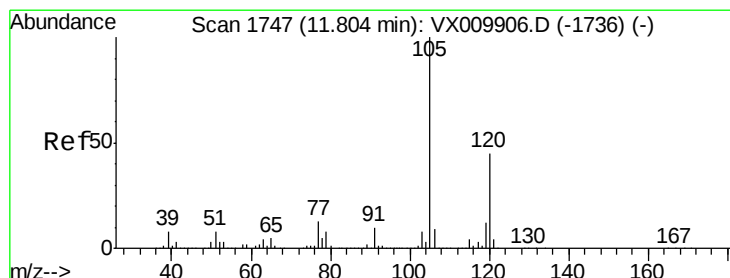
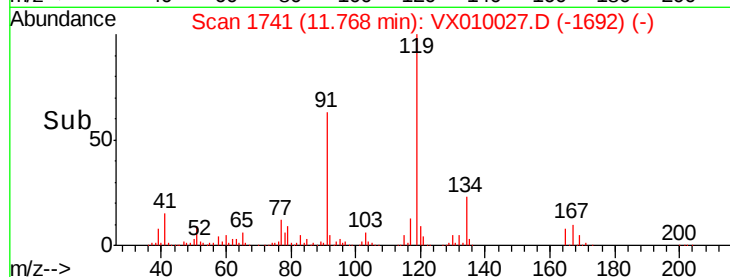
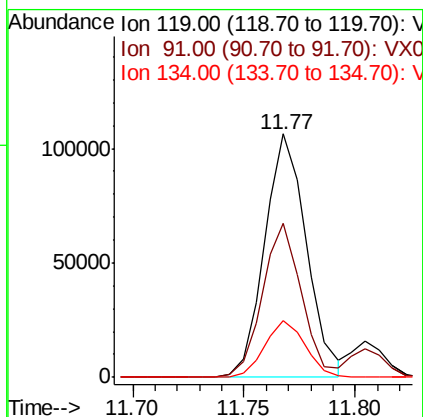
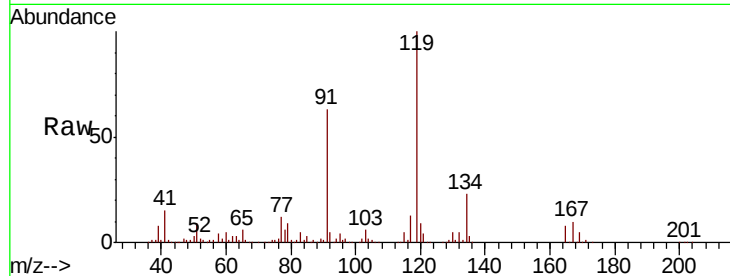




#83
tert-Butylbenzene
Concen: 19.016 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

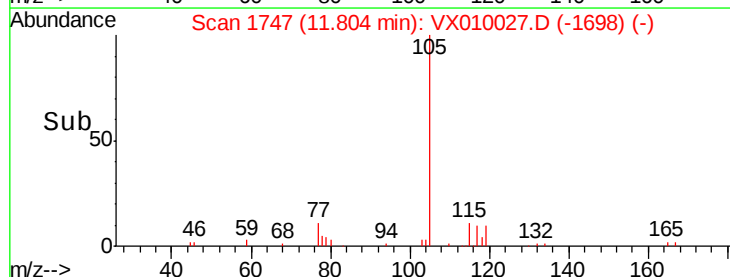
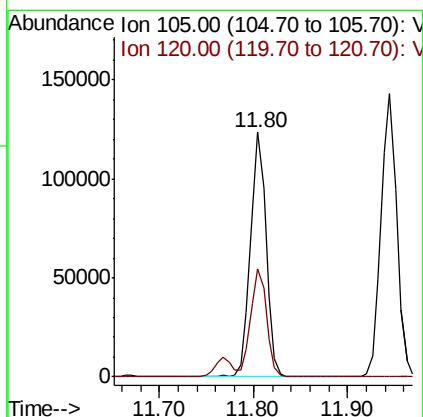
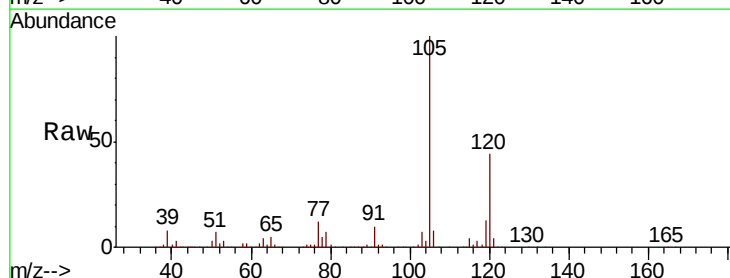
Instrument :
MSVOA_X
ClientSampled :

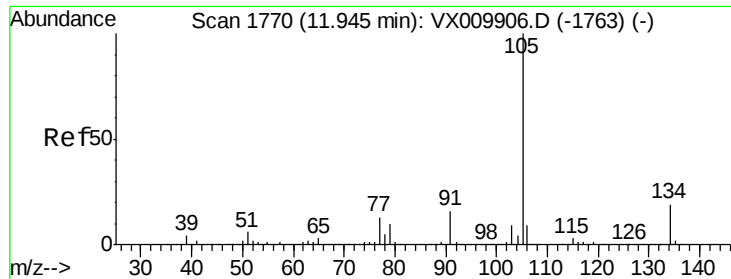
Tot Ion:119 Resp: 138644
Ion Ratio Lower Upper
119 100
91 59.4 30.0 90.0
134 22.7 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 18.829 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:105 Resp: 145718
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 19.257 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

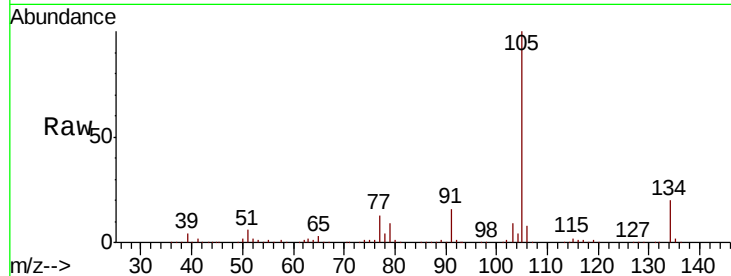
ClientSampleId :

Tot Ion:105 Resp: 167029

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

150000

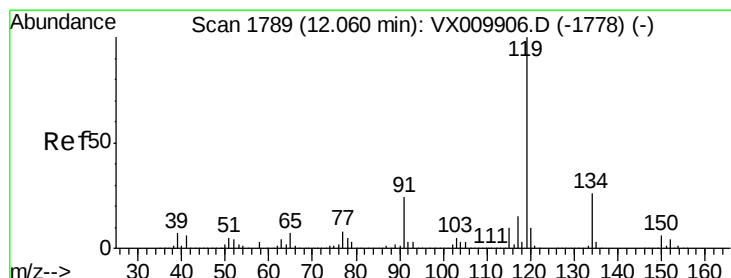
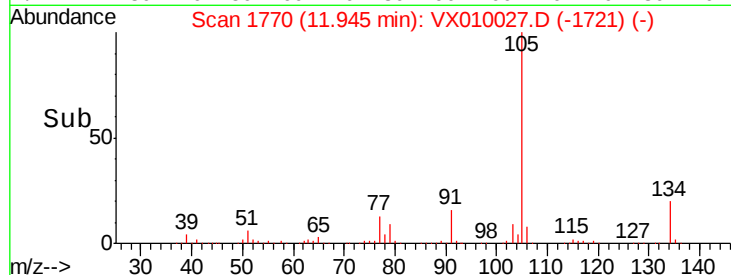
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.606 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

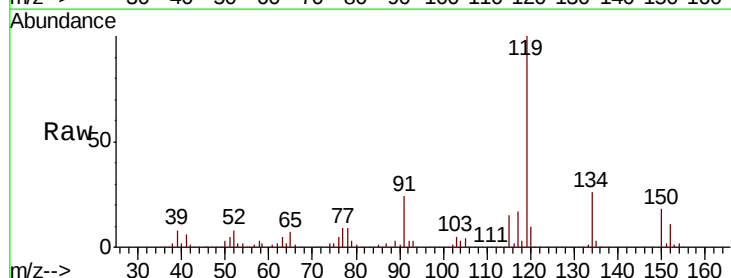
Tgt Ion:119 Resp: 152962

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.5 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

150000

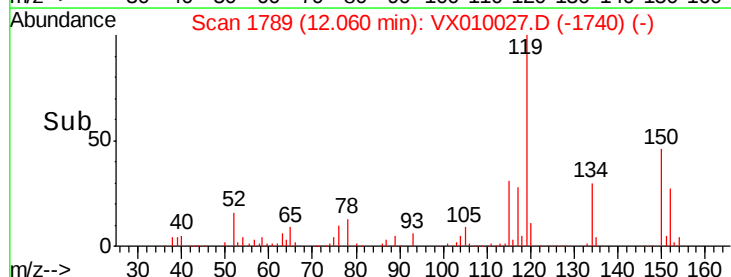
100000

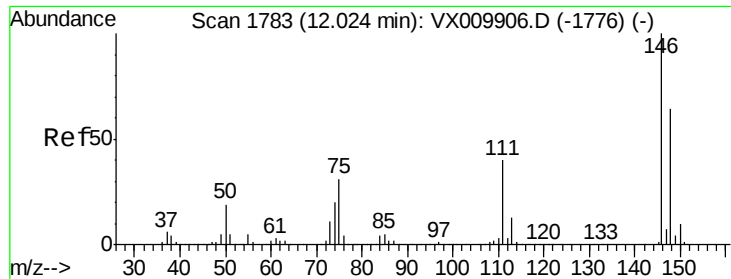
50000

0

Time-->

12.00 12.10

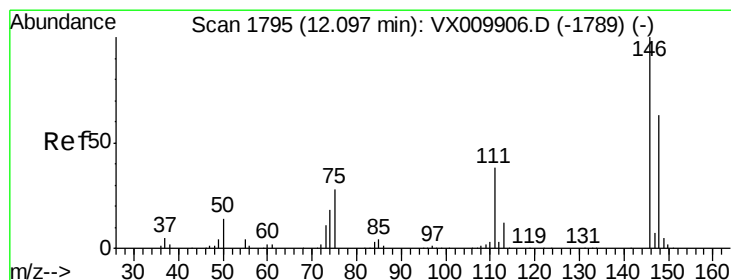
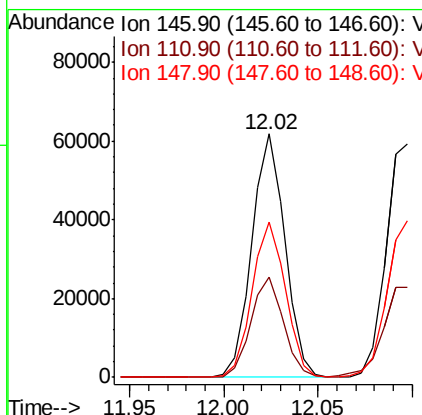
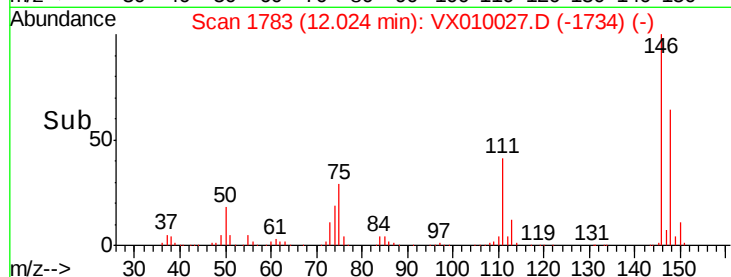
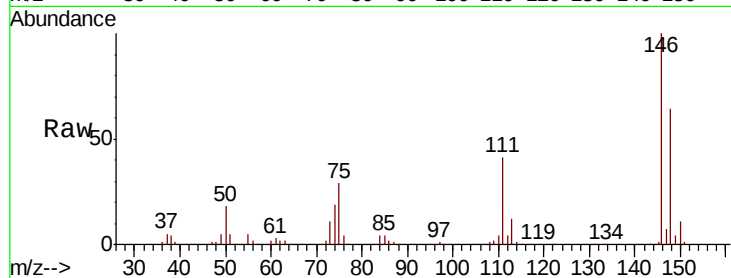




#87
 1,3-Dichlorobenzene
 Concen: 18.327 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

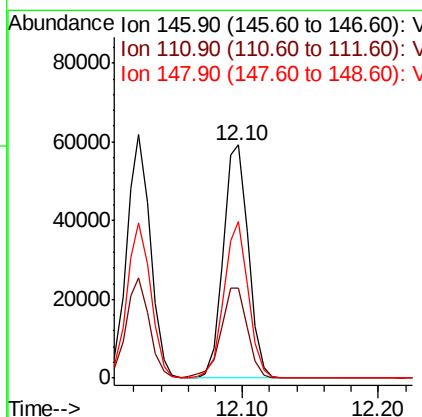
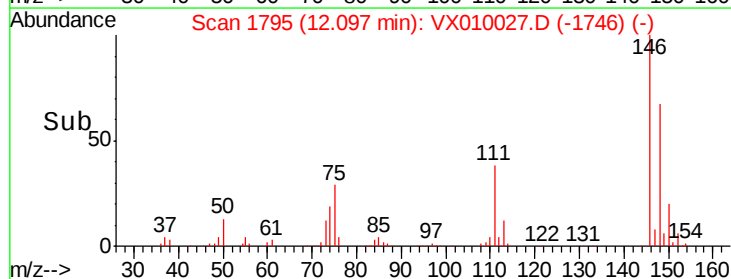
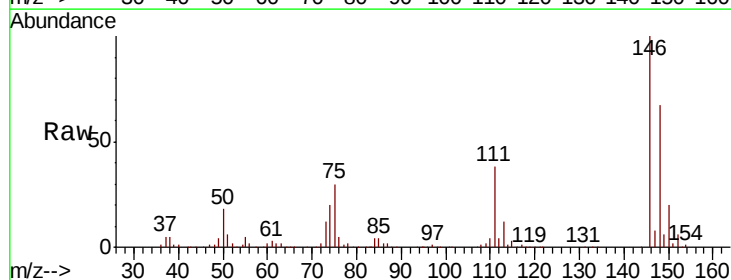
Instrument :
 MSVOA_X
 ClientSampleId :

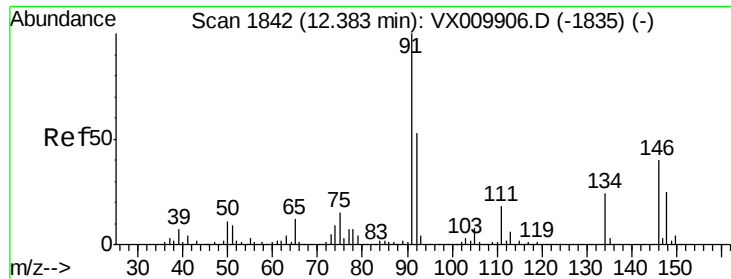
Tot Ion:146 Resp: 75216
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.1 60.2
 148 64.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.064 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion:146 Resp: 75609
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 59.9
 148 64.8 32.3 96.9





#89

n-Butylbenzene

Concen: 19.107 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

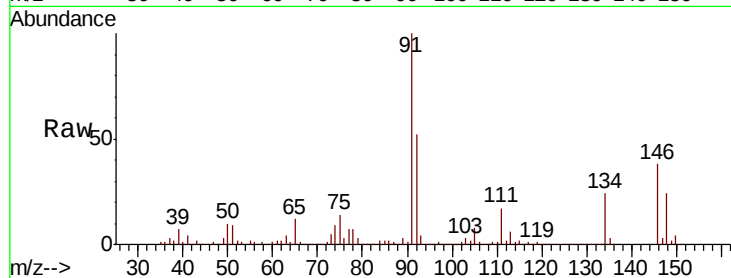
Tot Ion: 91 Resp: 140094

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.8

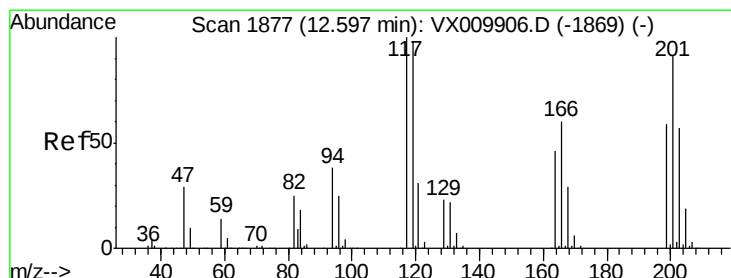
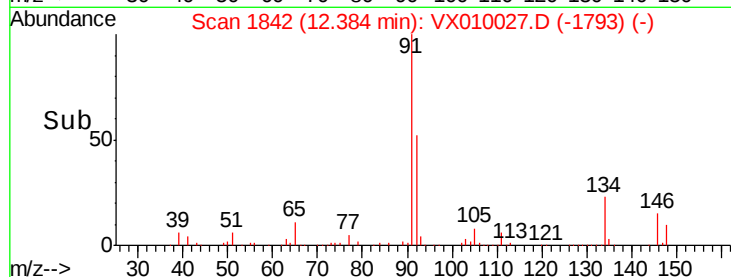
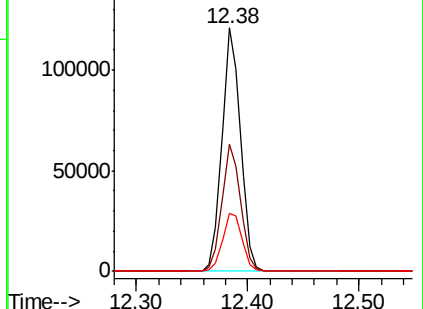
134 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.874 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010027.D

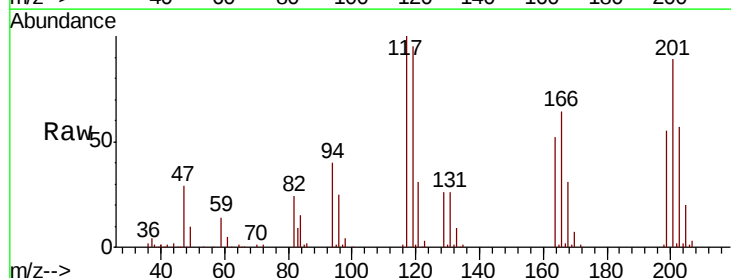
Acq: 03 Jun 2019 11:43

Tgt Ion: 117 Resp: 25270

Ion Ratio Lower Upper

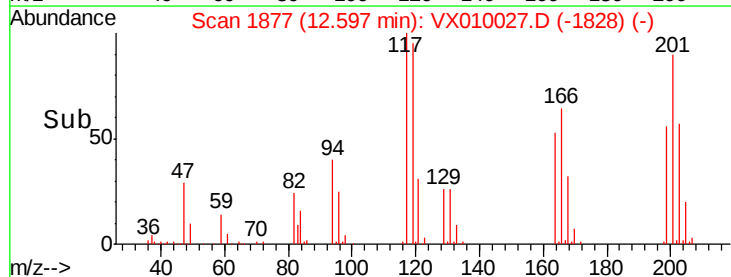
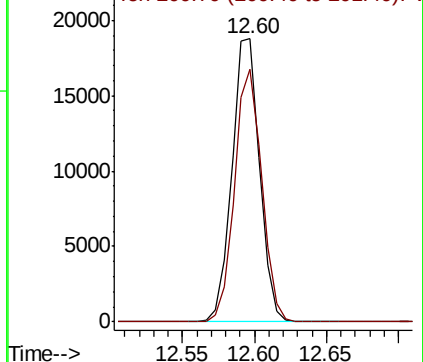
117 100

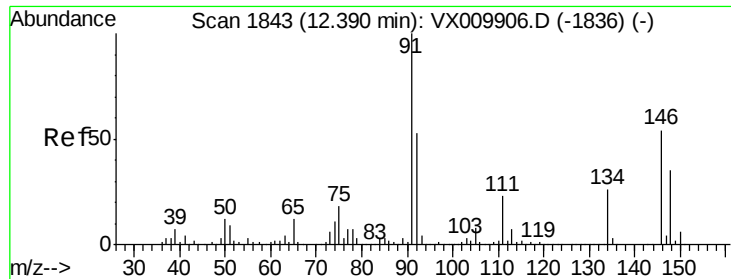
201 87.5 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

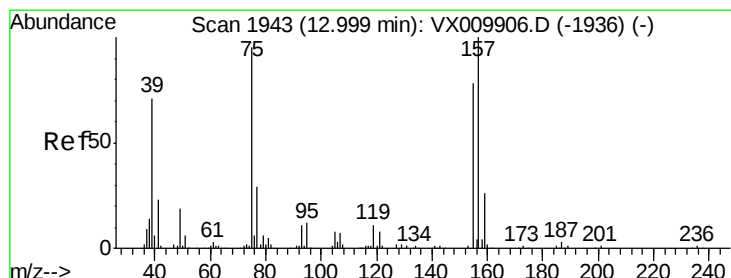
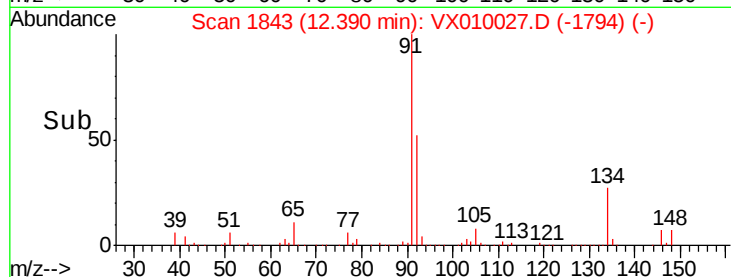
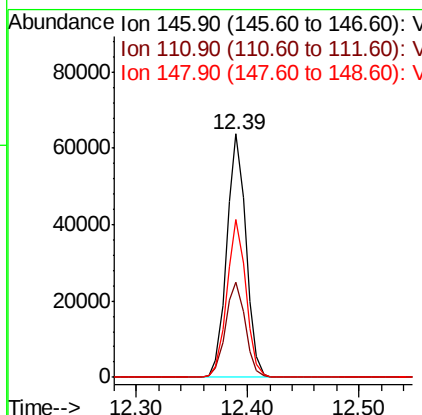
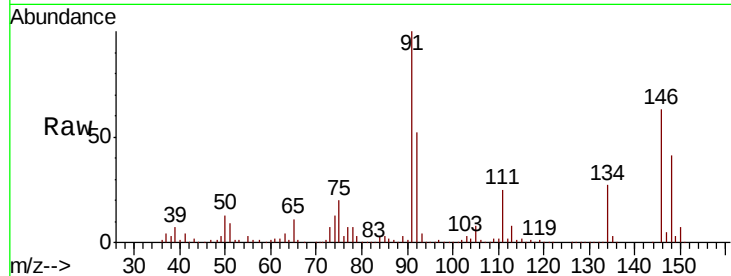




#91
 1,2-Dichlorobenzene
 Concen: 18.793 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

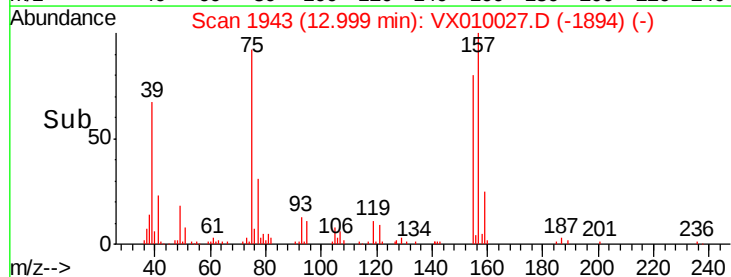
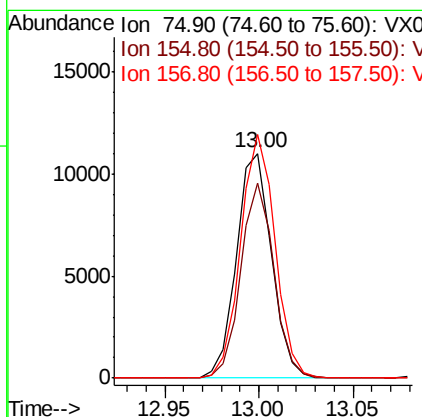
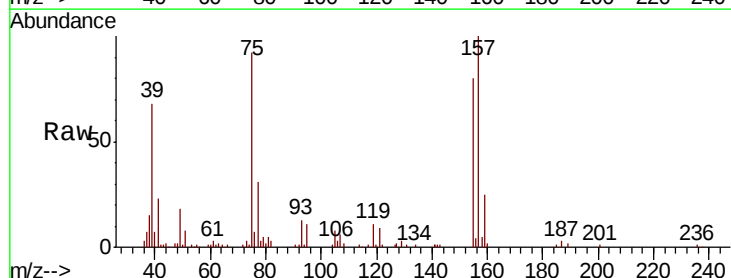
Instrument :
 MSVOA_X
 ClientSampleId :

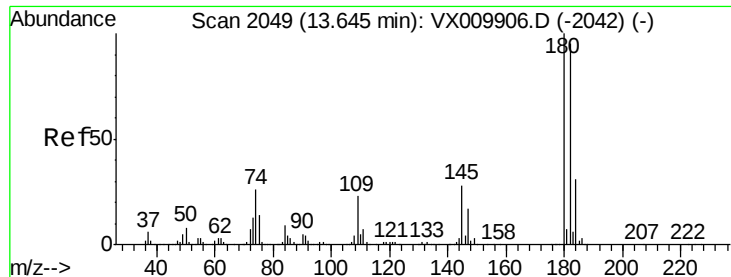
Tot Ion:146 Resp: 76045
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.1 63.1
 148 64.4 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.913 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion: 75 Resp: 14229
 Ion Ratio Lower Upper
 75 100
 155 81.8 39.3 117.8
 157 106.3 50.6 151.8

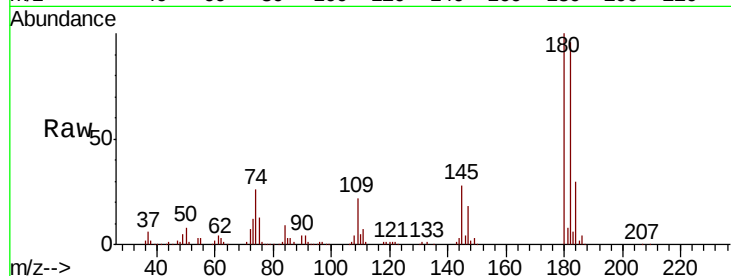




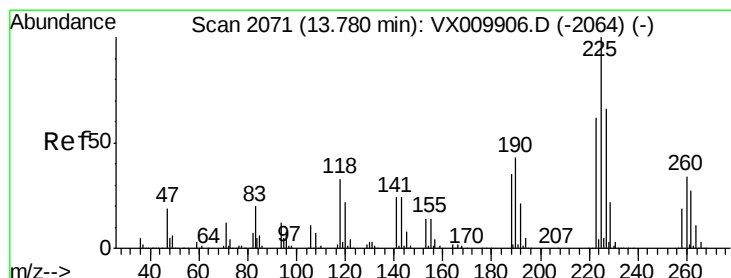
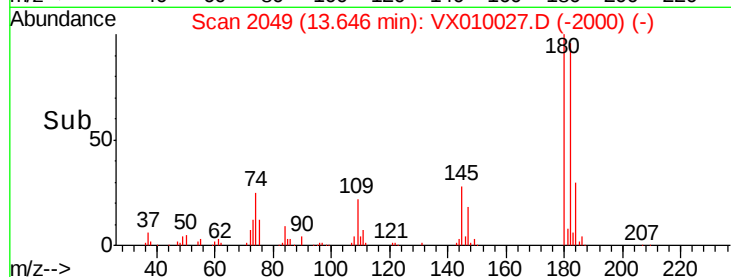
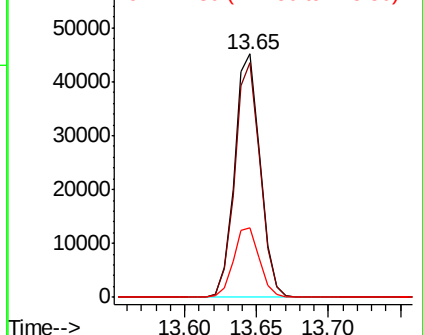
#93
 1,2,4-Trichlorobenzene
 Concen: 19.434 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 56196
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.4 142.2
 145 28.8 14.5 43.5

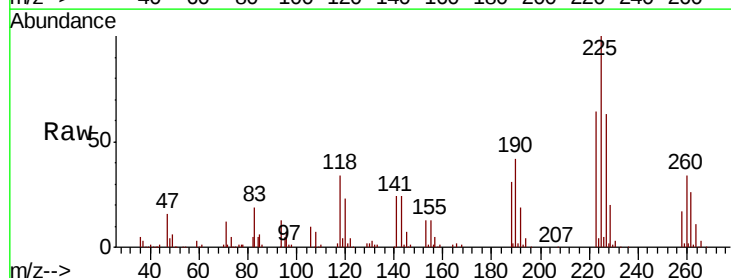


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

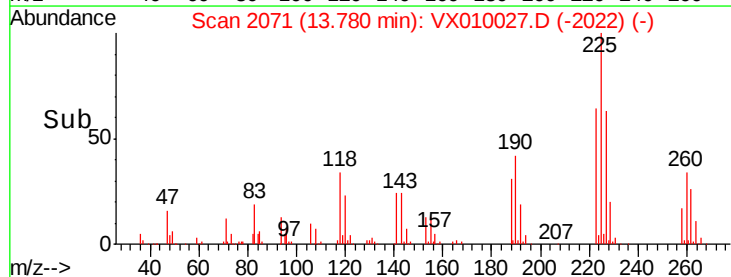
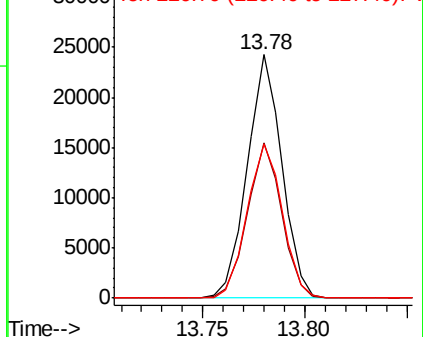


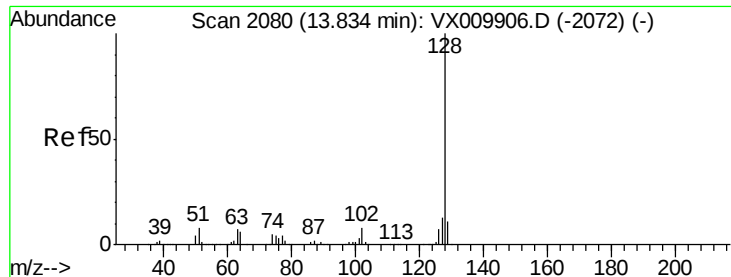
#94
 Hexachlorobutadiene
 Concen: 19.728 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion:225 Resp: 28613
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.8
 227 64.7 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.714 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

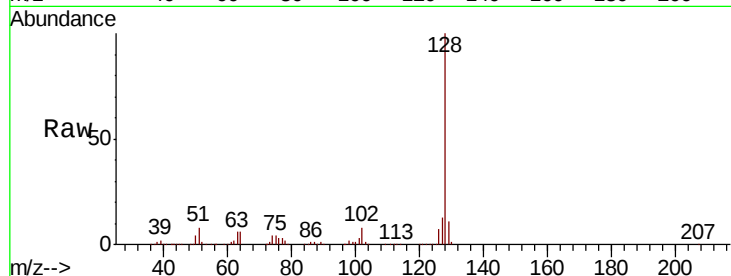
Tot Ion:128 Resp: 168400

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

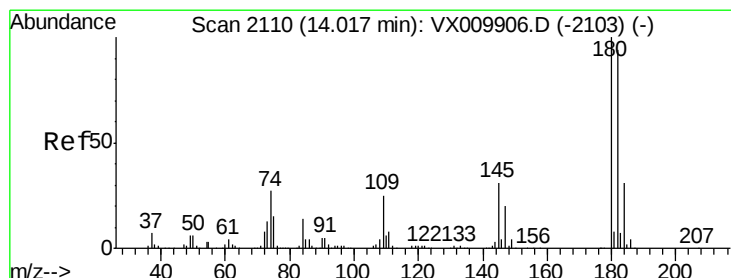
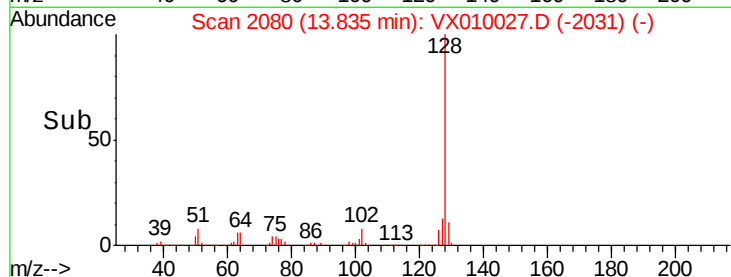
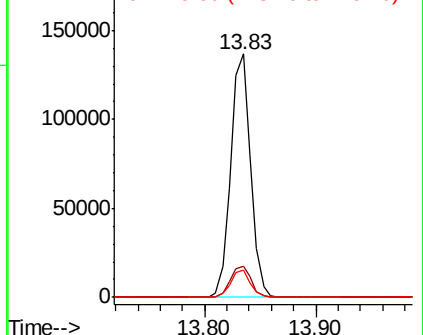
129 11.1 8.8 13.2



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: 19.155 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

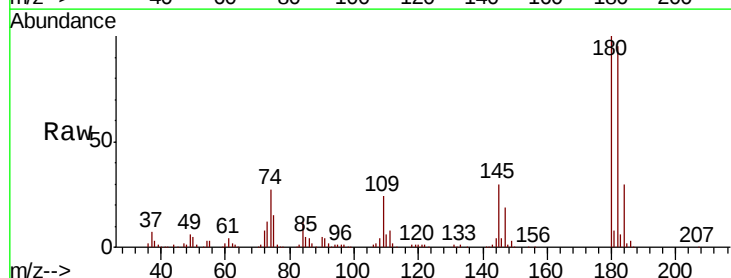
Tgt Ion:180 Resp: 55444

Ion Ratio Lower Upper

180 100

182 96.5 47.3 142.0

145 30.5 15.6 46.7



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

