

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010025.D
 Acq On : 03 Jun 2019 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:37:59 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	172046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	260777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111127	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
35) Dibromofluoromethane	5.49	113	82078	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.71	98	334781	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	125238	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116621	55.471	ug/l	99
3) Chloromethane	1.32	50	121141	42.861	ug/l	100
4) Vinyl Chloride	1.41	62	115472	45.321	ug/l	99
5) Bromomethane	1.64	94	65026	42.123	ug/l	100
6) Chloroethane	1.71	64	69199	44.120	ug/l	99
7) Trichlorofluoromethane	1.92	101	137325	48.774	ug/l	98
8) Diethyl Ether	2.18	74	58204	43.991	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85404	50.242	ug/l	97
10) Methyl Iodide	2.51	142	84956	41.259	ug/l	100
11) Tert butyl alcohol	3.05	59	131323	219.569	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84215	48.334	ug/l	95
13) Acrolein	2.29	56	101913	241.201	ug/l	99
14) Allyl chloride	2.73	41	205649	48.562	ug/l	99
15) Acrylonitrile	3.14	53	324868	225.431	ug/l	99
16) Acetone	2.45	43	349190	248.681	ug/l	98
17) Carbon Disulfide	2.57	76	250915	47.578	ug/l	99
18) Methyl Acetate	2.77	43	152114	46.556	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	321038	48.804	ug/l	99
20) Methylene Chloride	2.85	84	100475	46.726	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	91550	47.223	ug/l	98
22) Diisopropyl ether	3.85	45	387990	48.152	ug/l	89
23) Vinyl Acetate	3.81	43	1736533	239.903	ug/l	99
24) 1,1-Dichloroethane	3.70	63	188002	48.146	ug/l	99
25) 2-Butanone	4.67	43	512982	234.487	ug/l	98
26) 2,2-Dichloropropane	4.58	77	150049	50.798	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	105287	47.048	ug/l	98
28) Bromochloromethane	5.01	49	94657	46.713	ug/l	97
29) Tetrahydrofuran	5.12	42	317682	226.451	ug/l	99
30) Chloroform	5.21	83	171720	48.762	ug/l	98
31) Cyclohexane	5.57	56	186609	50.457	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	146217	50.982	ug/l	99
36) 1,1-Dichloropropene	5.79	75	136103	51.439	ug/l	99
37) Ethyl Acetate	4.83	43	182570	49.521	ug/l	99
38) Carbon Tetrachloride	5.78	117	124380	54.400	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	175254	55.840	ug/l	98
40) Benzene	6.14	78	407209	51.881	ug/l	100
41) Methacrylonitrile	5.04	41	104595	48.553	ug/l	99
42) 1,2-Dichloroethane	6.19	62	146434	50.465	ug/l	99
43) Isopropyl Acetate	6.44	43	295541	49.682	ug/l	99
44) Trichloroethene	7.21	130	99534	52.207	ug/l	99
45) 1,2-Dichloropropane	7.51	63	115721	51.217	ug/l	100
46) Dibromomethane	7.66	93	66557	50.044	ug/l	99
47) Bromodichloromethane	7.90	83	137850	54.506	ug/l	99
48) Methyl methacrylate	7.77	41	150271	51.029	ug/l	99
49) 1,4-Dioxane	7.74	88	53305	973.144	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	976738	252.408	ug/l	100
52) Toluene	8.78	92	253459	53.186	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163308	53.842	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	177325	53.658	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99771	52.016	ug/l	99
56) Ethyl methacrylate	9.18	69	187067	54.782	ug/l	98
57) 1,3-Dichloropropane	9.37	76	176136	51.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	458652	256.141	ug/l	99
59) 2-Hexanone	9.49	43	777783	261.064	ug/l	100
60) Dibromochloromethane	9.58	129	105393	55.858	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103179	52.361	ug/l	100
64) Tetrachloroethene	9.34	164	91922	54.483	ug/l	97
65) Chlorobenzene	10.13	112	264414	52.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	95381	54.383	ug/l	99
67) Ethyl Benzene	10.25	91	494575	54.472	ug/l	99
68) m/p-Xylenes	10.35	106	366895	109.381	ug/l	98
69) o-Xylene	10.69	106	176982	55.016	ug/l	98
70) Styrene	10.71	104	310035	54.962	ug/l	99
71) Bromoform	10.85	173	83739	58.410	ug/l #	97
73) Isopropylbenzene	11.02	105	476701	52.384	ug/l	99
74) N-amyl acetate	10.90	43	274585	50.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	166660	49.090	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	202709	68.729	ug/l	81
77) Bromobenzene	11.26	156	120004	51.745	ug/l	95
78) n-propylbenzene	11.36	91	564723	53.838	ug/l	99
79) 2-Chlorotoluene	11.42	91	326571	50.957	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	407492	53.152	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61889	51.917	ug/l	97
82) 4-Chlorotoluene	11.51	91	384966	51.601	ug/l	99
83) tert-Butylbenzene	11.77	119	394615	53.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	410700	52.750	ug/l	99
85) sec-Butylbenzene	11.94	105	476821	54.645	ug/l	100
86) p-Isopropyltoluene	12.06	119	439517	55.999	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	218292	52.870	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	217224	51.588	ug/l	99
89) n-Butylbenzene	12.38	91	414547	56.202	ug/l	100
90) Hexachloroethane	12.59	117	75791	56.270	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	212233	52.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37733	47.217	ug/l	94

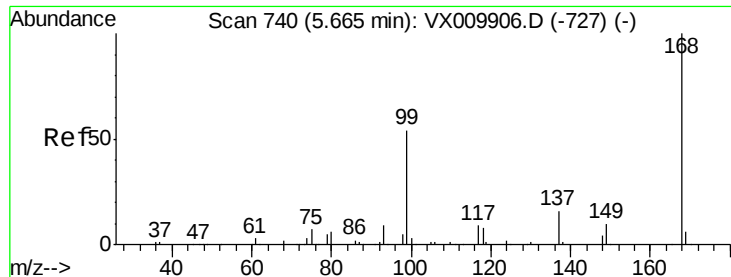
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159413	54.800	ug/l	100
94) Hexachlorobutadiene	13.78	225	81692	55.988	ug/l	98
95) Naphthalene	13.83	128	475713	52.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	153813	52.823	ug/l	98

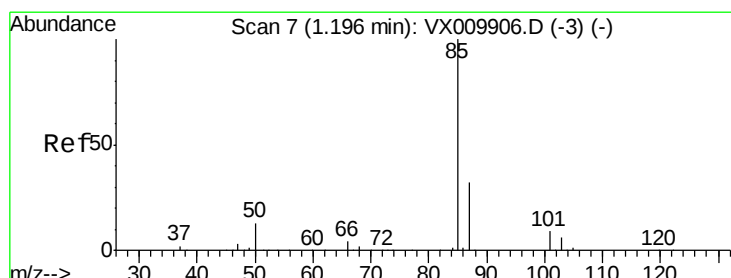
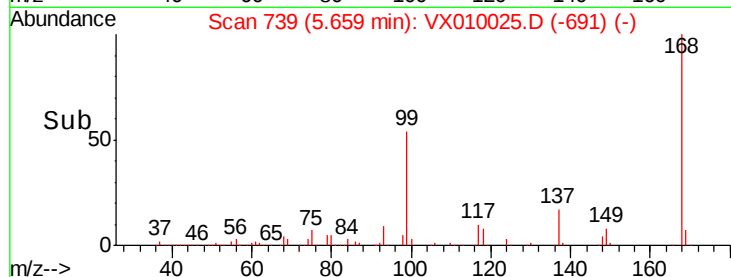
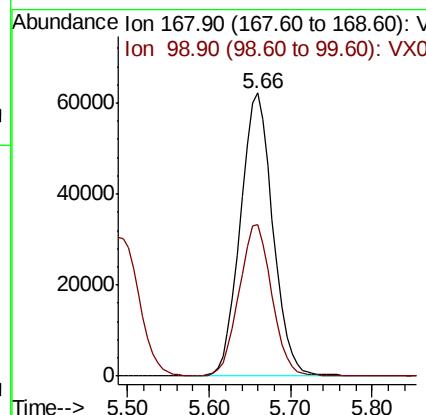
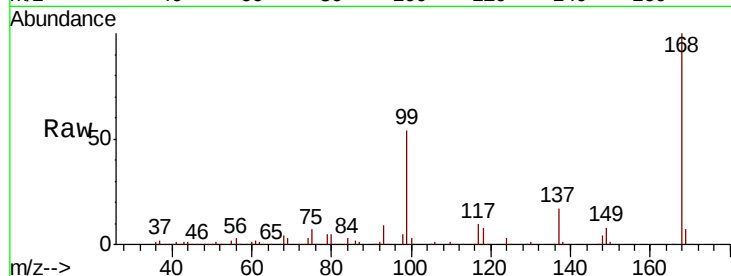
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

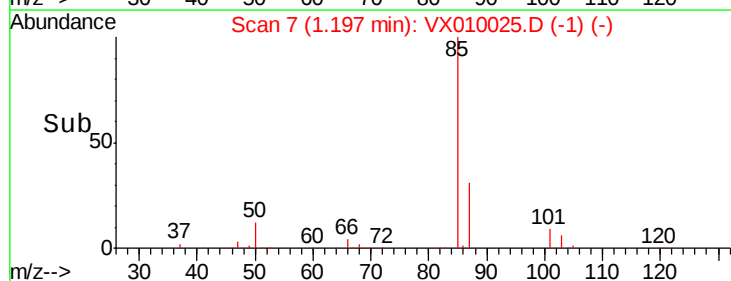
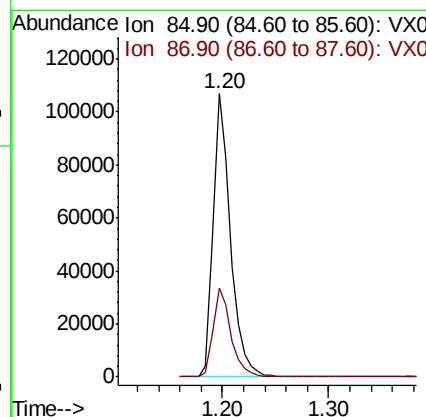
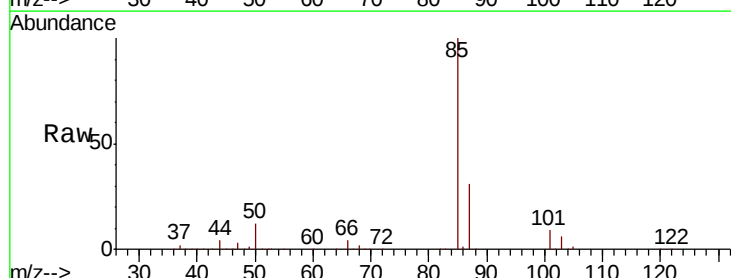
Instrument :
MSVOA_X
ClientSampleId :

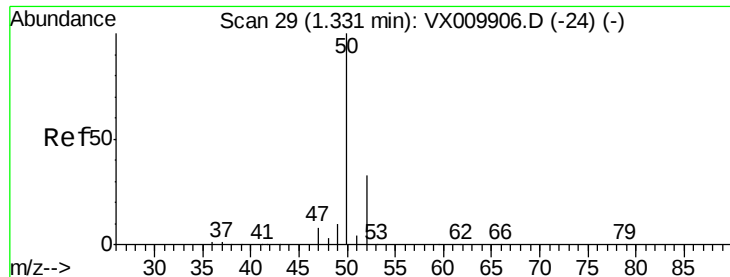
Tot Ion:168 Resp: 172046
Ion Ratio Lower Upper
168 100
99 53.4 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 55.471 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 85 Resp: 116621
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#3

Chloromethane

Concen: 42.861 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

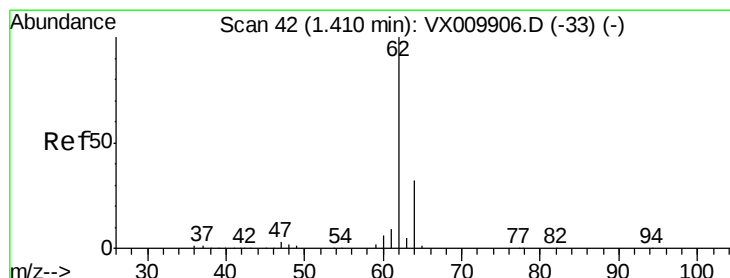
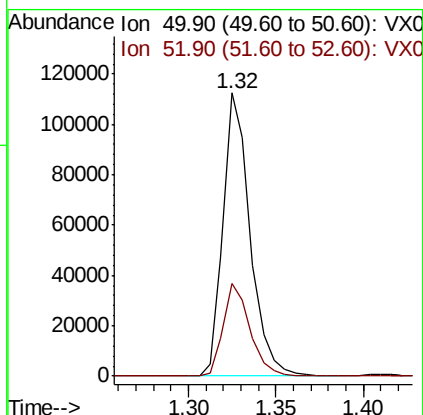
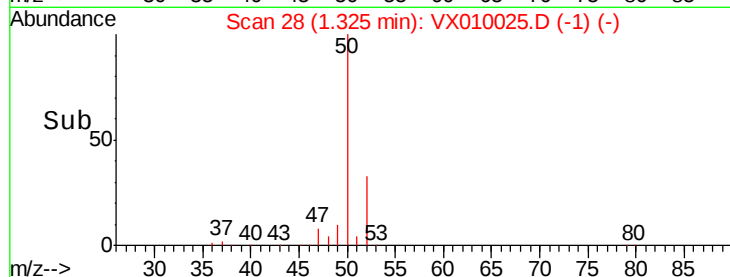
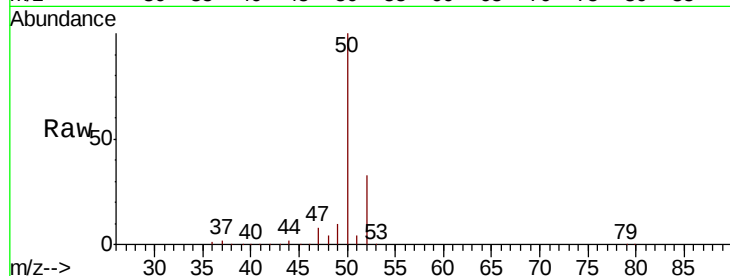
ClientSampleId :

Tot Ion: 50 Resp: 121141

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 45.321 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010025.D

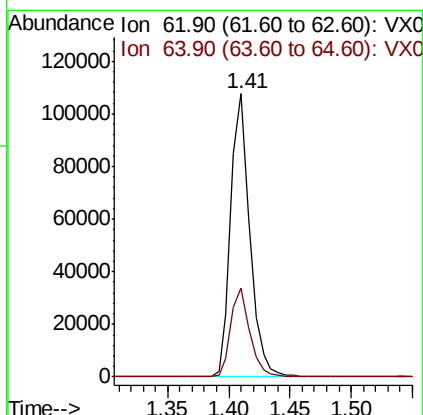
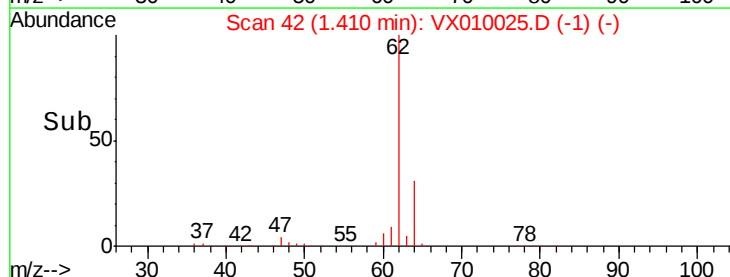
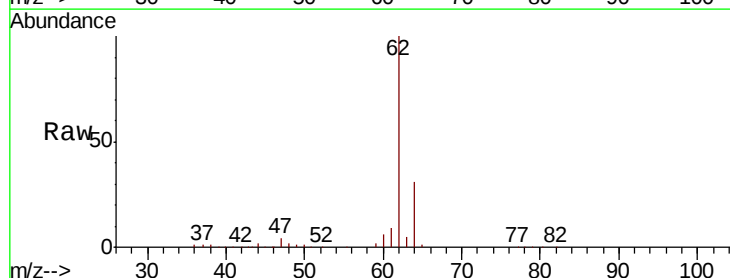
Acq: 03 Jun 2019 10:28

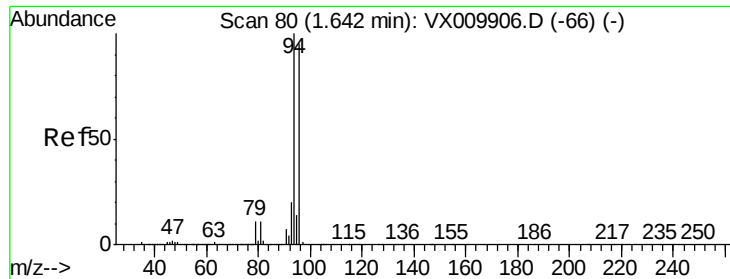
Tgt Ion: 62 Resp: 115472

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 42.123 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

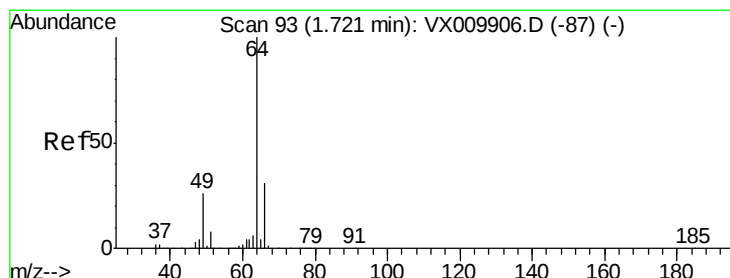
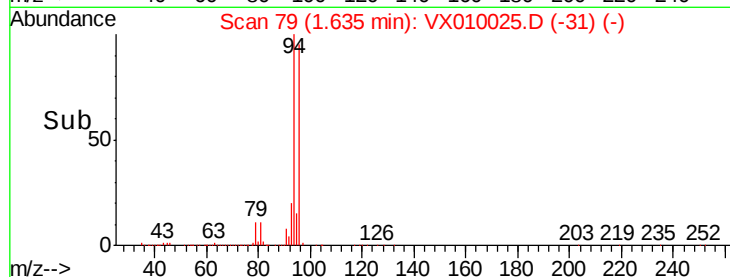
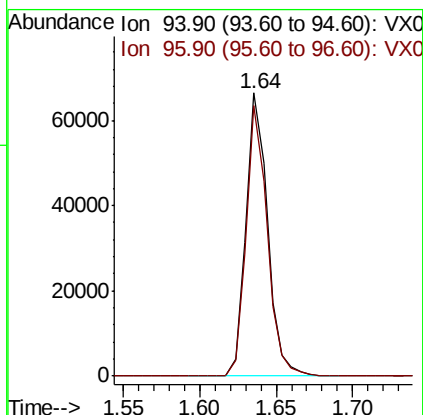
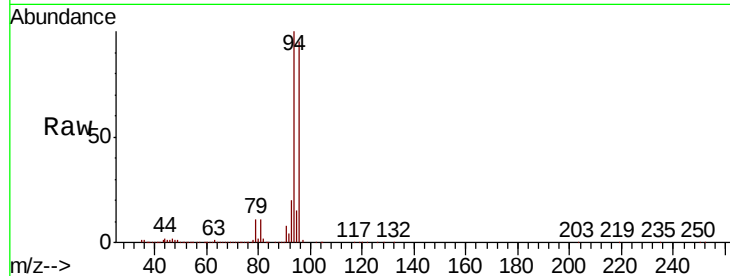
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 65026

Ion Ratio Lower Upper

94 100

96 95.4 76.2 114.4



#6

Chloroethane

Concen: 44.120 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010025.D

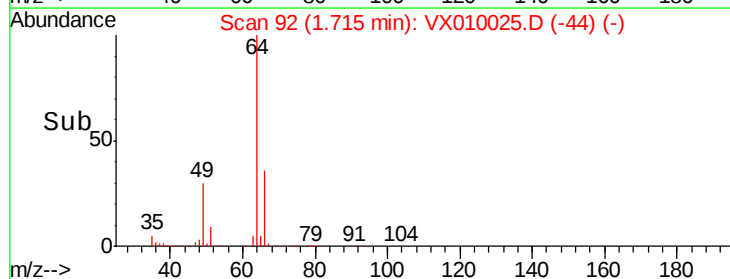
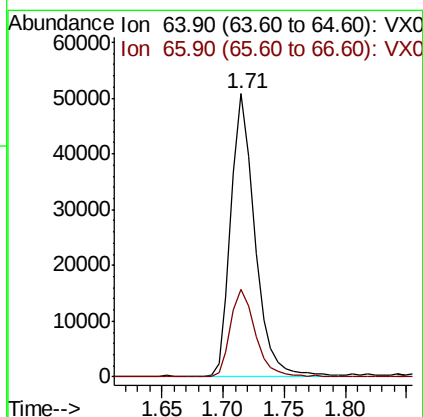
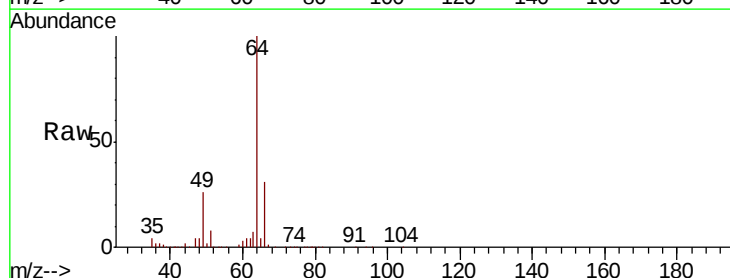
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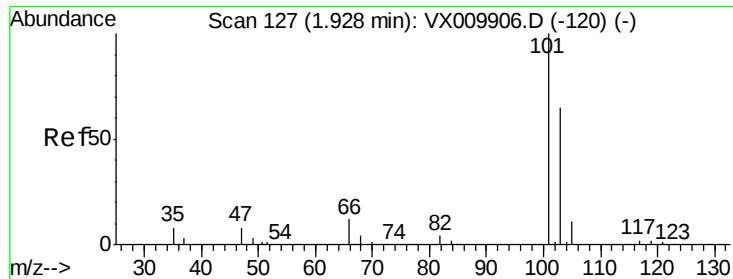
Tgt Ion: 64 Resp: 69199

Ion Ratio Lower Upper

64 100

66 31.0 25.1 37.7



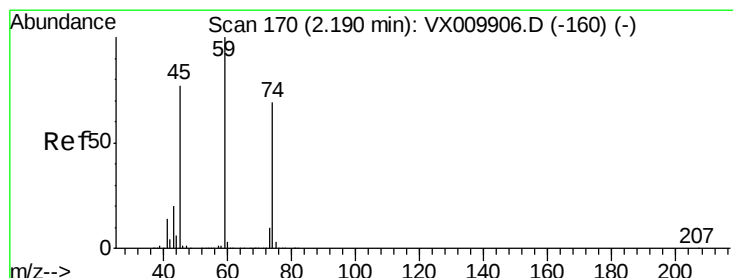
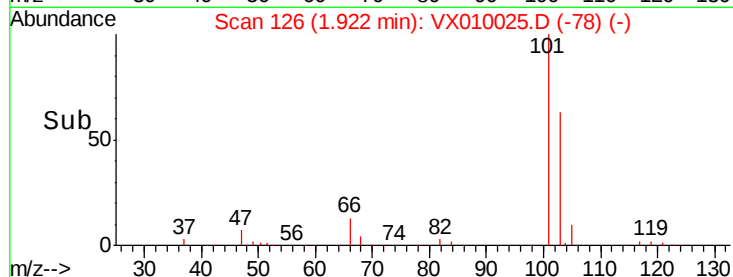
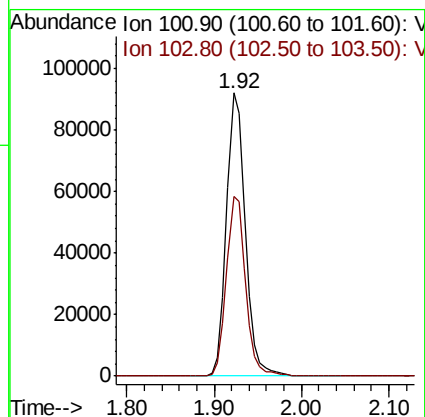
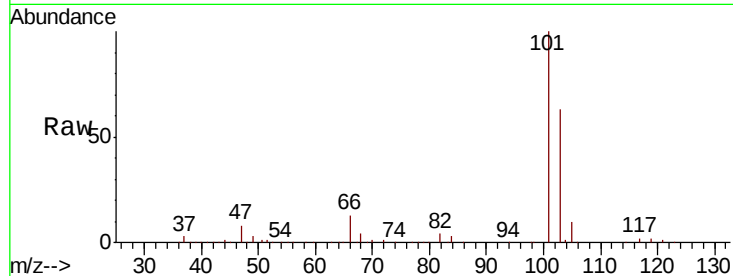


#7

Trichlorofluoromethane
Concen: 48.774 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Instrument :
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ClientSampleId :

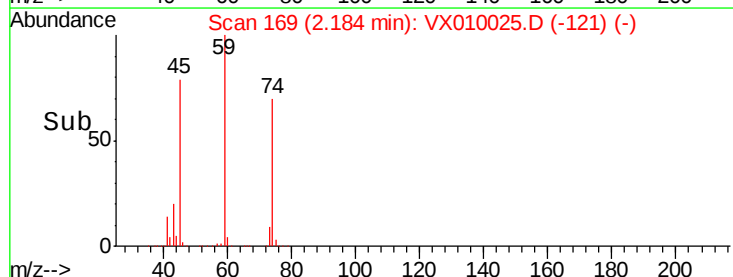
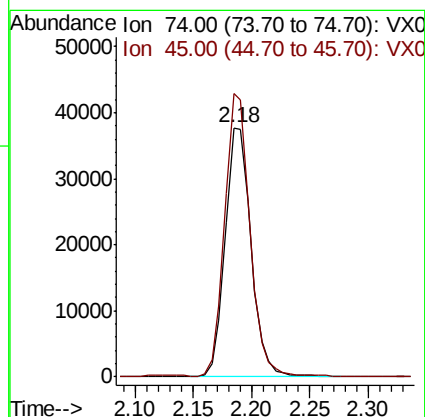
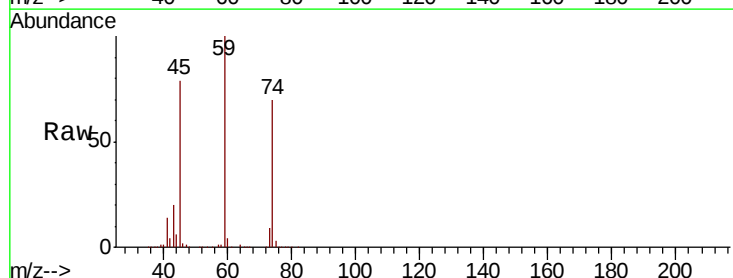
Tot Ion:101 Resp: 137325
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4

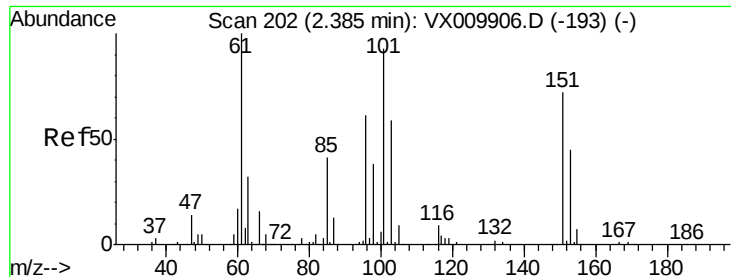


#8

Diethyl Ether
Concen: 43.991 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 74 Resp: 58204
Ion Ratio Lower Upper
74 100
45 110.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.242 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

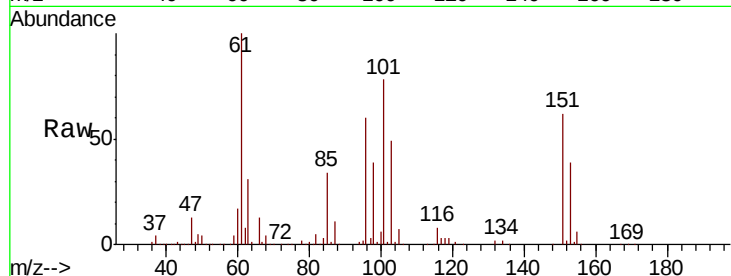
Tot Ion:101 Resp: 85404

Ion Ratio Lower Upper

101 100

85 44.6 35.2 52.8

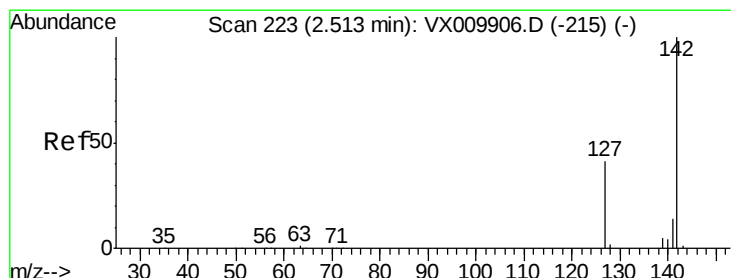
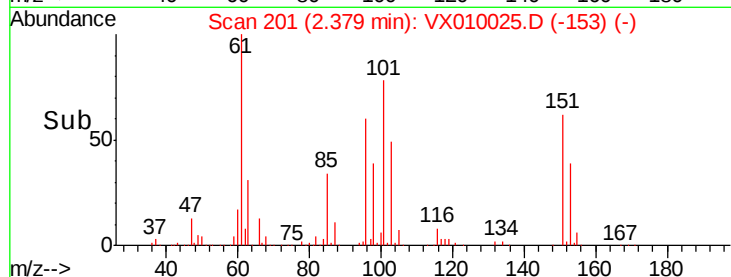
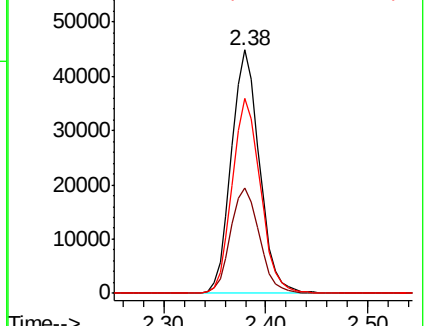
151 80.7 61.9 92.9



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: 41.259 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

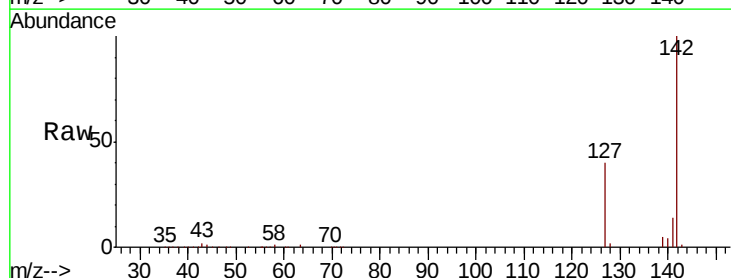
Tgt Ion:142 Resp: 84956

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.4

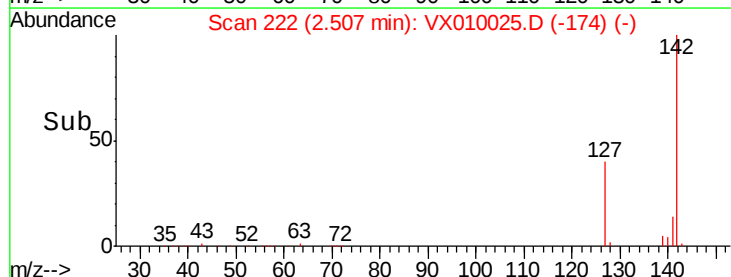
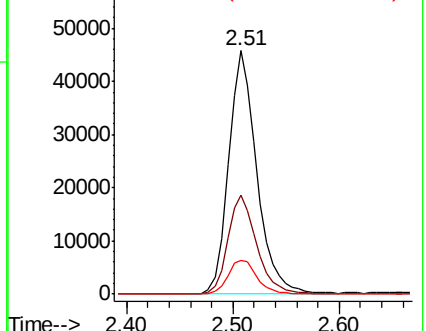
141 14.5 11.4 17.0

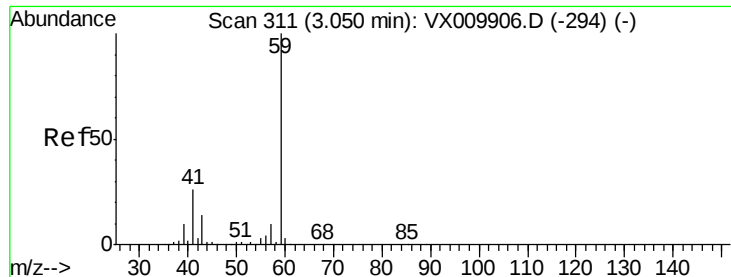


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

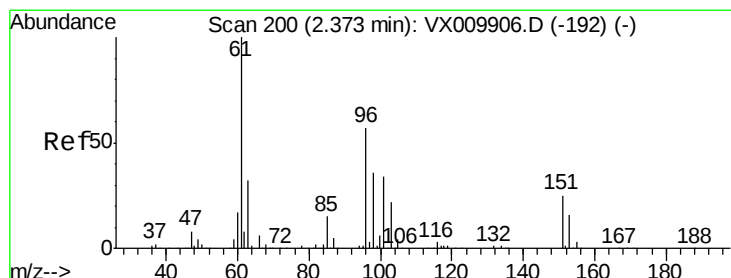
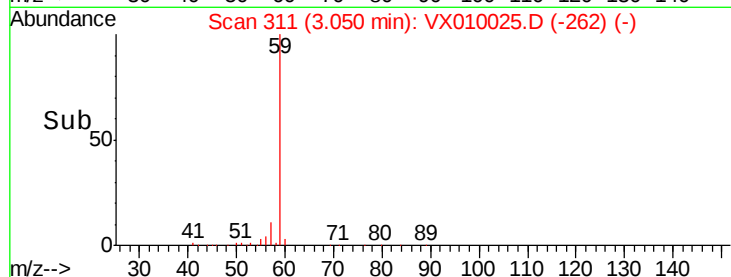
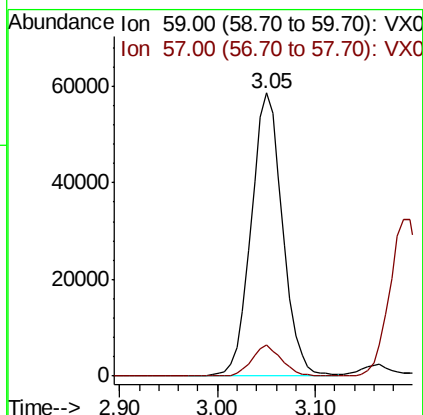
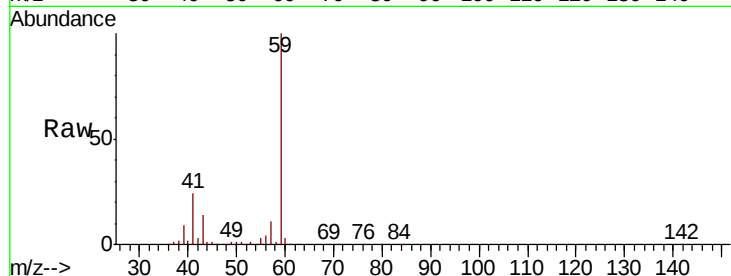




#11
Tert butyl alcohol
Concen: 219.569 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

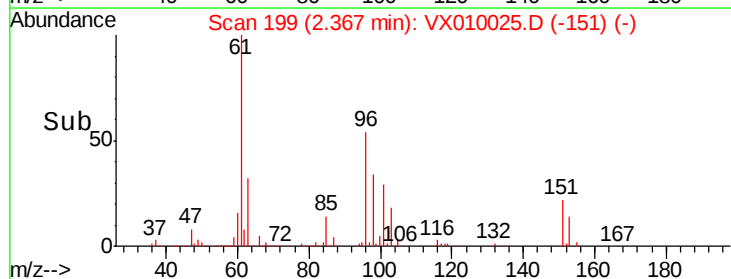
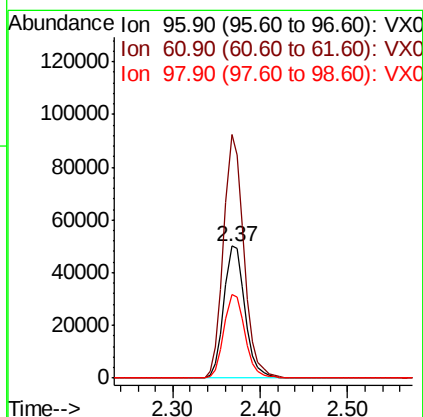
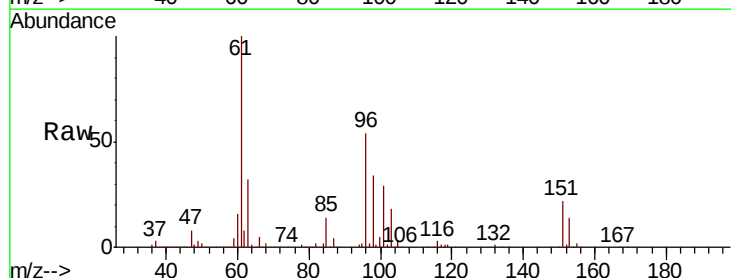
Instrument :
MSVOA_X
ClientSampleId :

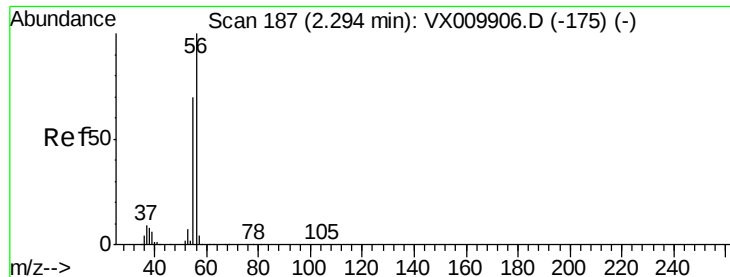
Tot Ion: 59 Resp: 131323
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.334 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 96 Resp: 84215
Ion Ratio Lower Upper
96 100
61 184.9 140.7 211.1
98 63.3 50.1 75.1





#13

Acrolein

Concen: 241.201 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

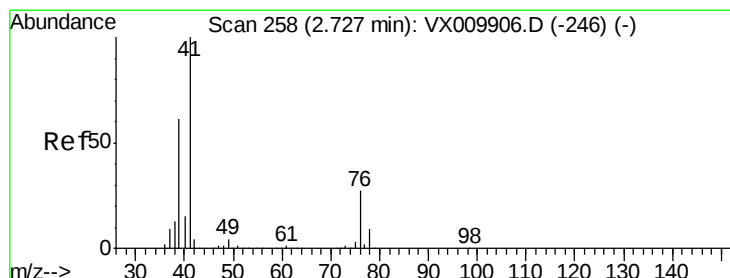
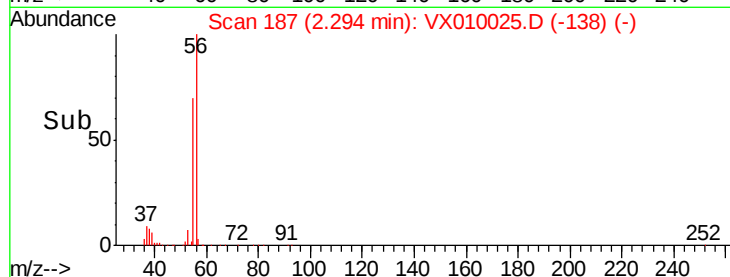
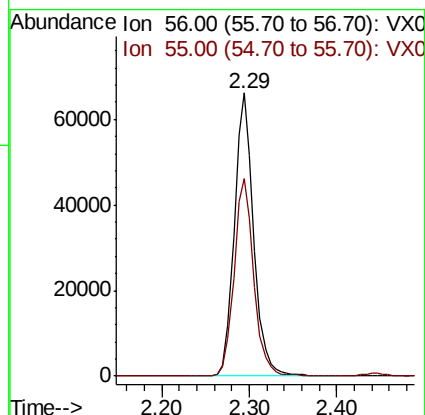
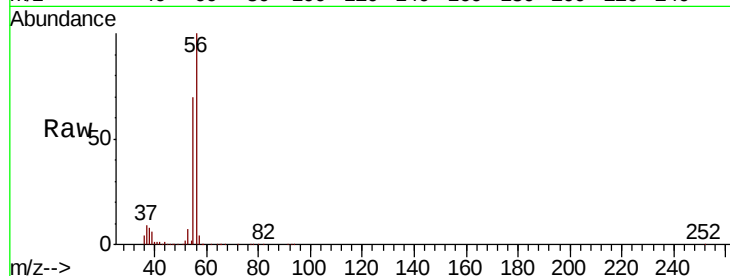
ClientSampleId :

Tot Ion: 56 Resp: 101913

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 48.562 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

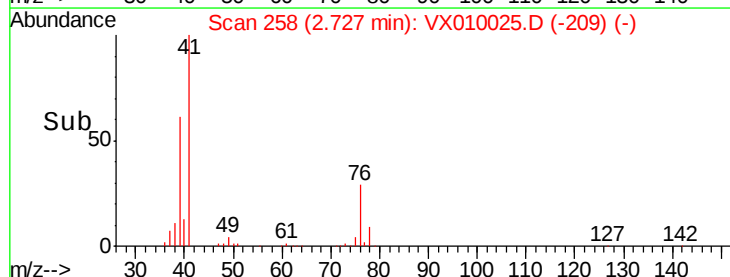
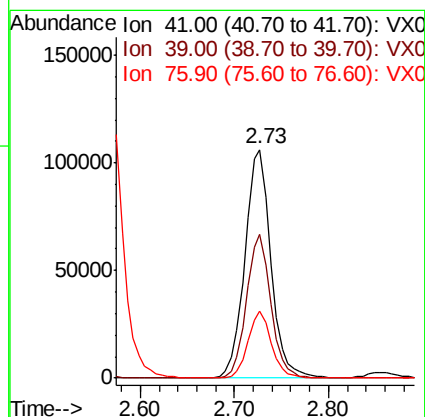
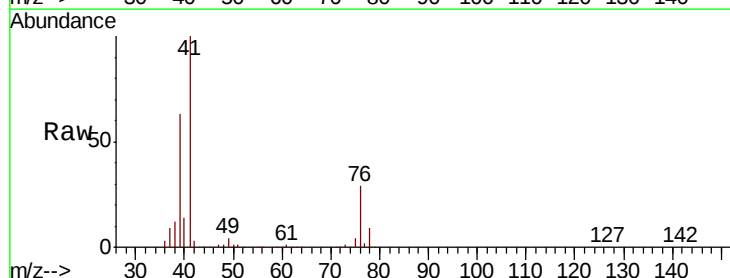
Tgt Ion: 41 Resp: 205649

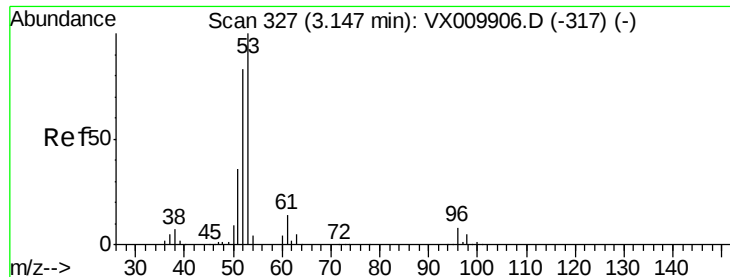
Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

76 26.4 21.0 31.4





#15

Acrylonitrile

Concen: 225.431 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :

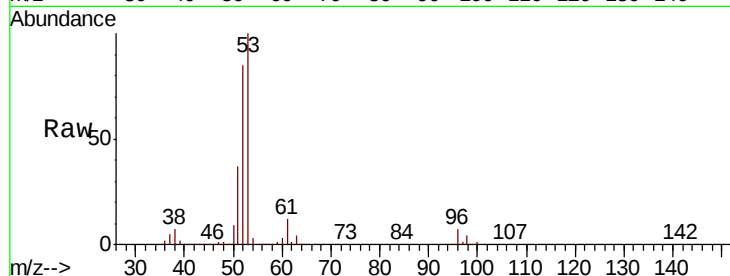
Tot Ion: 53 Resp: 324868

Ion Ratio Lower Upper

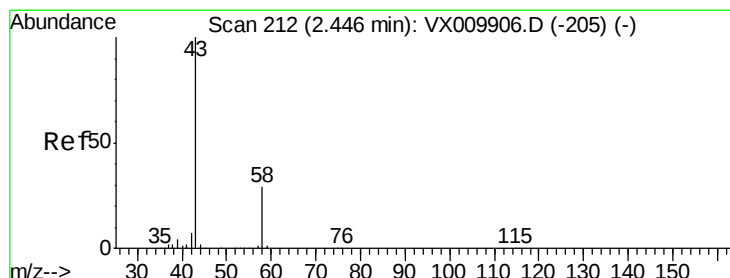
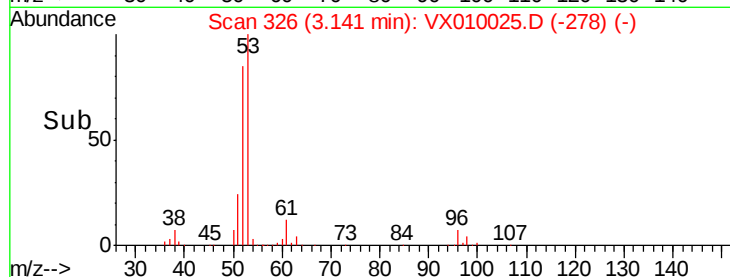
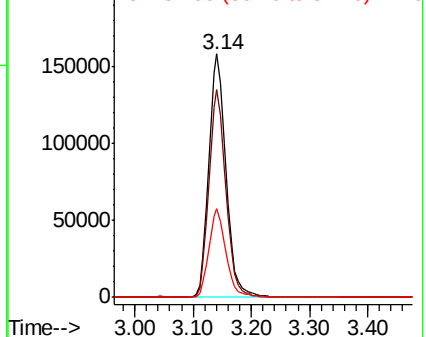
53 100

52 83.9 66.7 100.1

51 36.4 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: 248.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010025.D

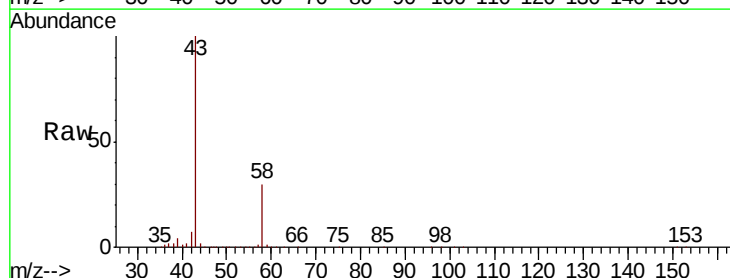
Acq: 03 Jun 2019 10:28

Tgt Ion: 43 Resp: 349190

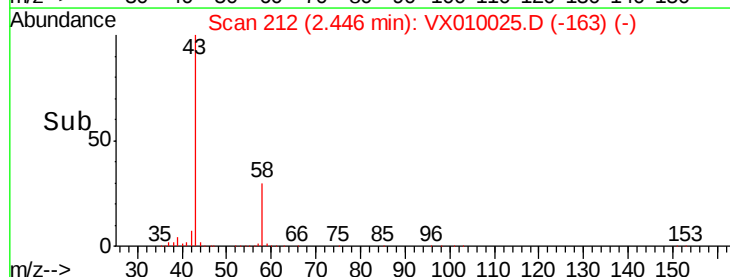
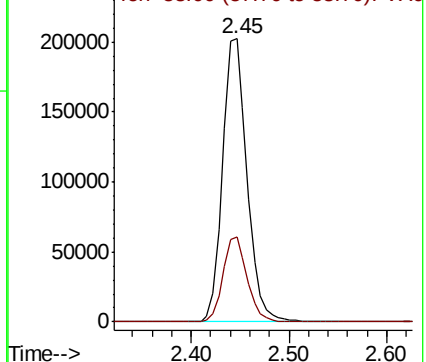
Ion Ratio Lower Upper

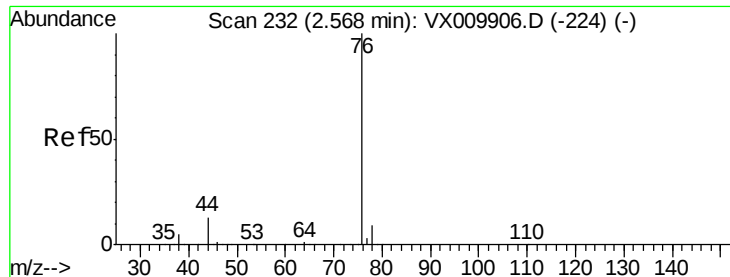
43 100

58 30.1 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: 47.578 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

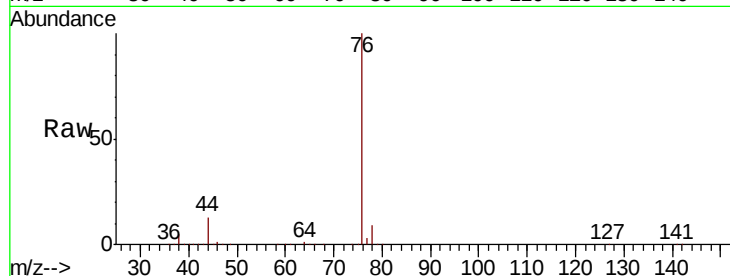
ClientSampleId :

Tot Ion: 76 Resp: 250915

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

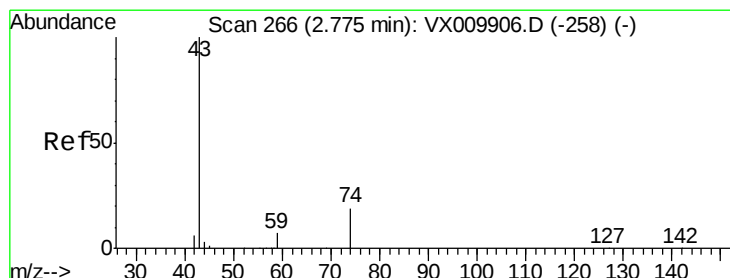
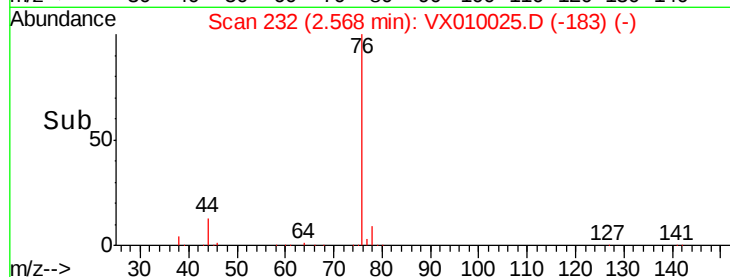
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 46.556 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010025.D

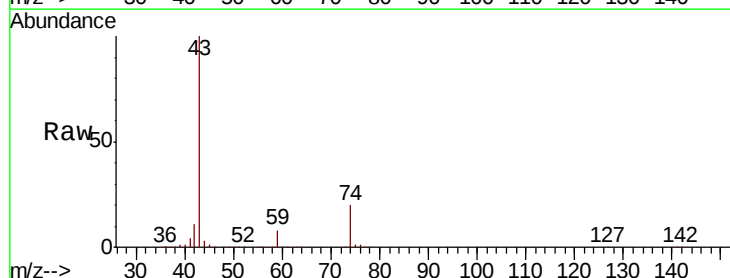
Acq: 03 Jun 2019 10:28

Tgt Ion: 43 Resp: 152114

Ion Ratio Lower Upper

43 100

74 20.1 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

80000

60000

40000

20000

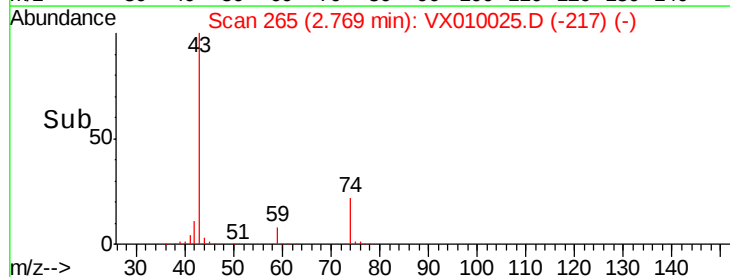
0

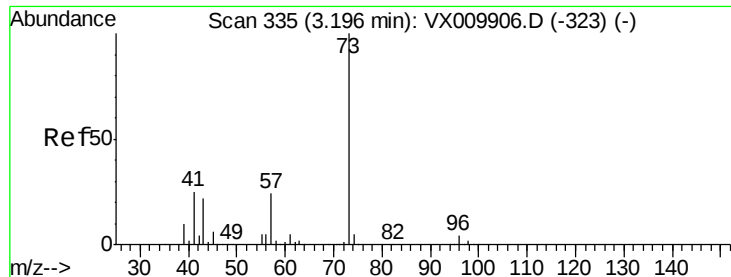
Time-->

2.70

2.80

2.90

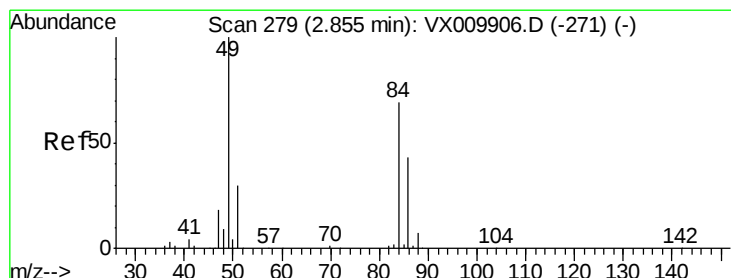
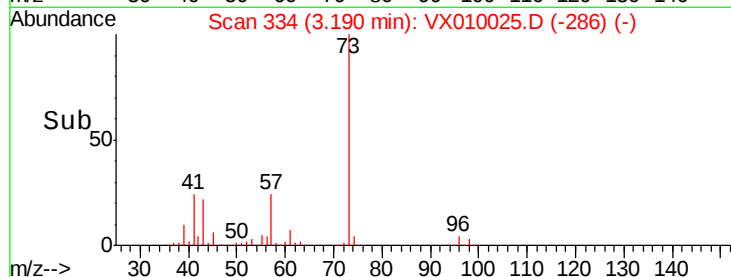
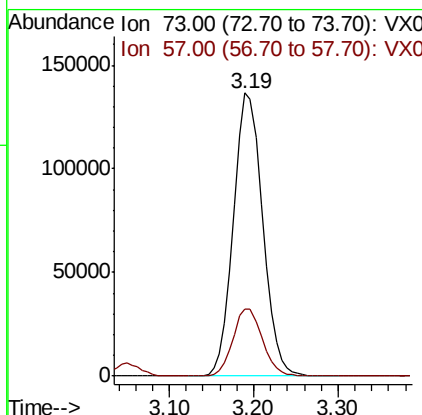
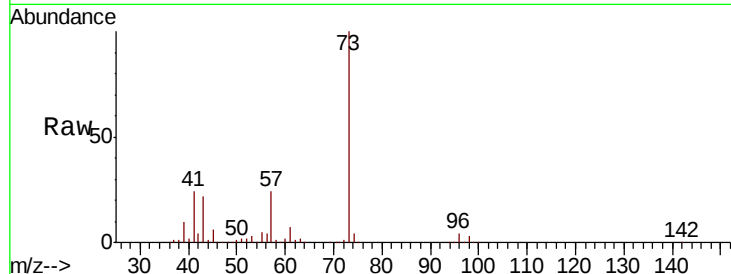




#19
Methvl tert-butvl Ether
Concen: 48.804 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

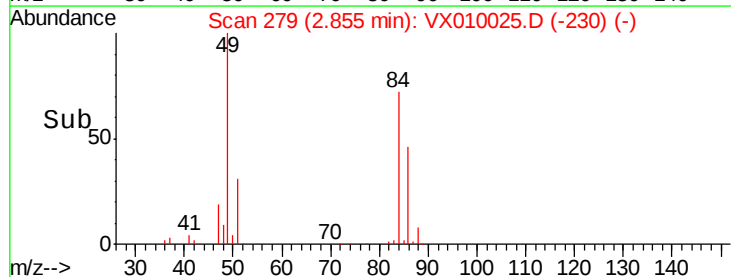
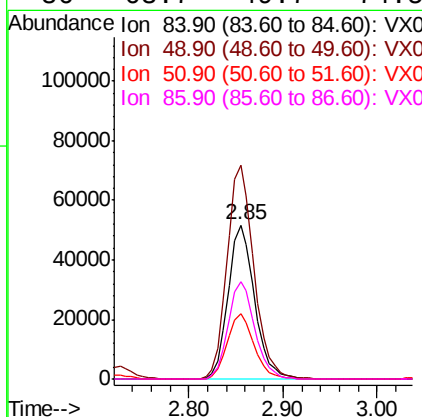
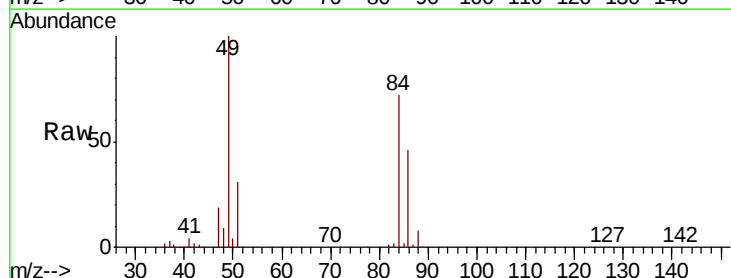
Instrument :
MSVOA_X
ClientSampleId :

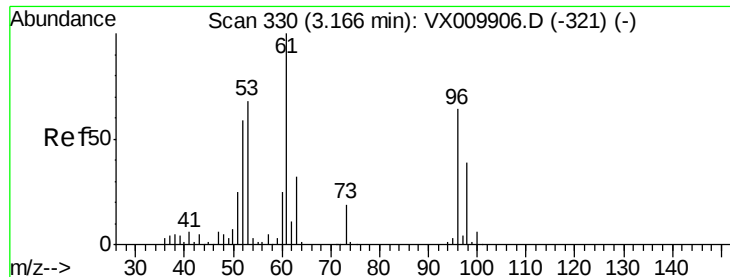
Tot Ion: 73 Resp: 321038
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.2



#20
Methylene Chloride
Concen: 46.726 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 84 Resp: 100475
Ion Ratio Lower Upper
84 100
49 138.8 115.8 173.6
51 42.6 34.4 51.6
86 63.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.223 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

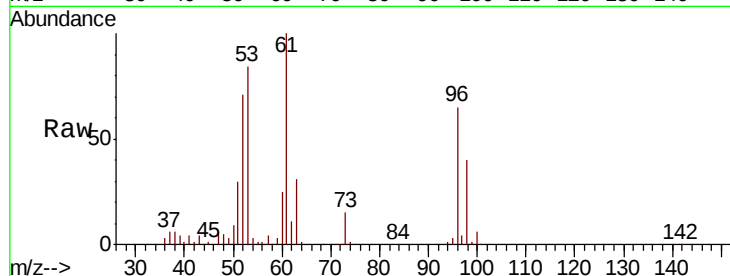
Tot Ion: 96 Resp: 91550

Ion Ratio Lower Upper

96 100

61 154.8 125.7 188.5

98 62.3 49.0 73.6

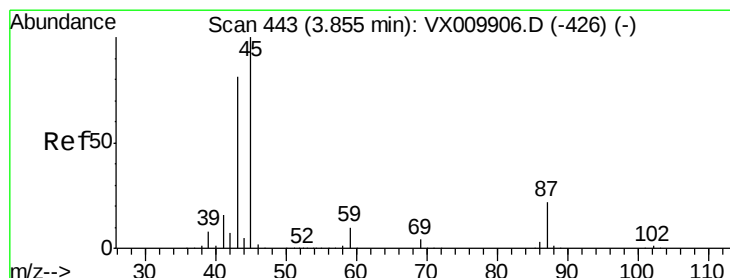
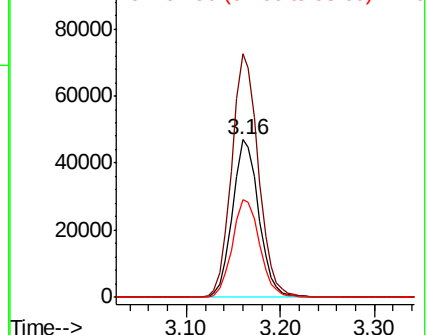
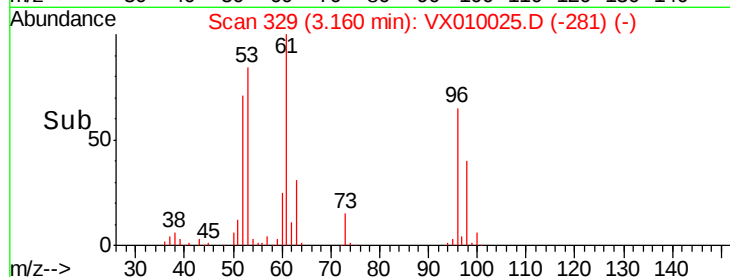


Abundance

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: 48.152 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Tgt Ion: 45 Resp: 387990

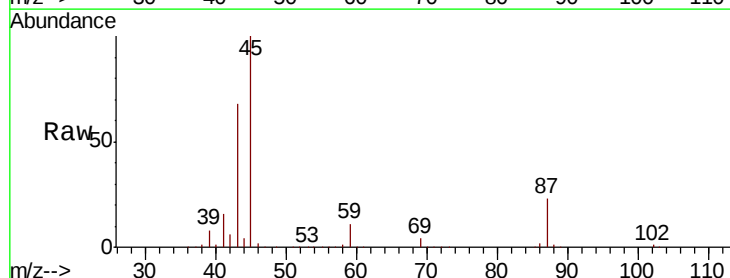
Ion Ratio Lower Upper

45 100

43 68.0 65.0 97.4

87 23.1 17.3 25.9

59 10.8 8.1 12.1



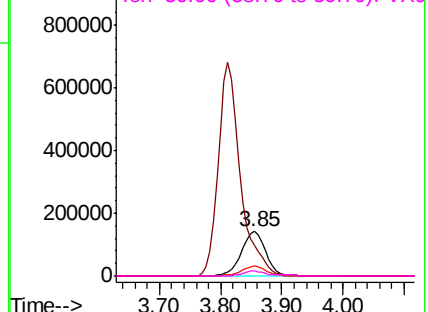
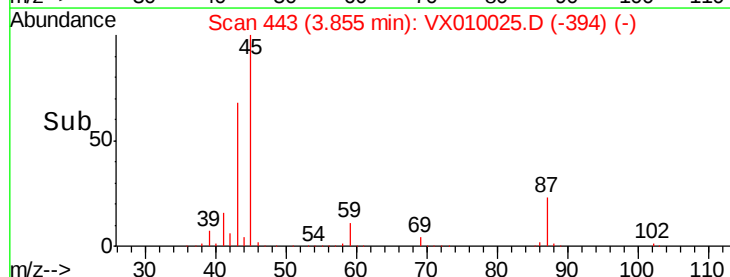
Abundance

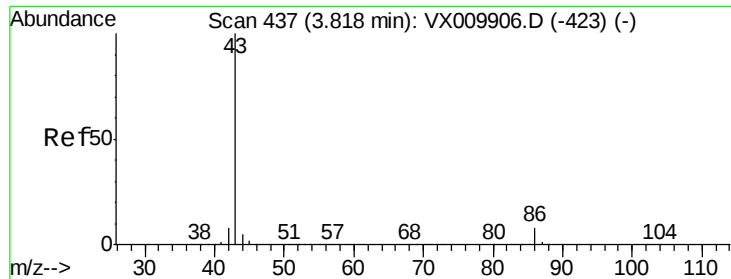
Ion 45.00 (44.70 to 45.70): VX0

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: 239.903 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

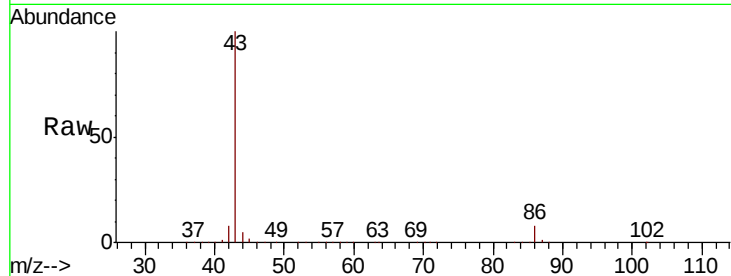
ClientSampleId :

Tot Ion: 43 Resp: 1736533

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

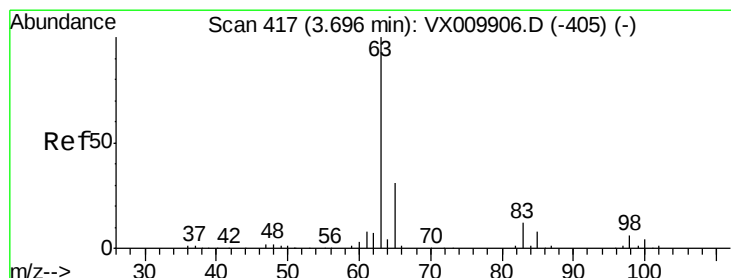
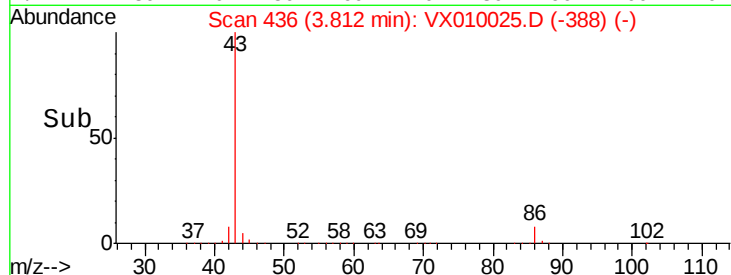
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.146 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

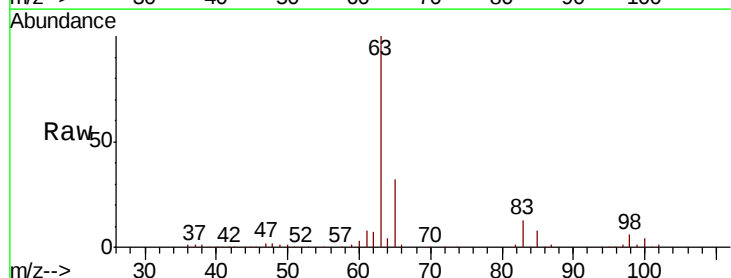
Tgt Ion: 63 Resp: 188002

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 4.1 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

100000

80000

60000

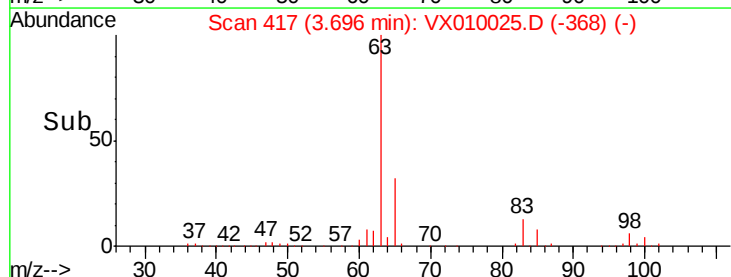
40000

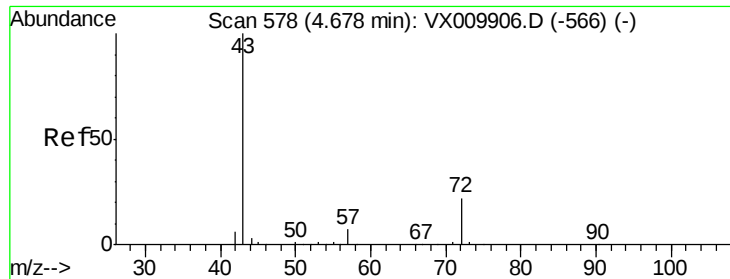
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 234.487 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

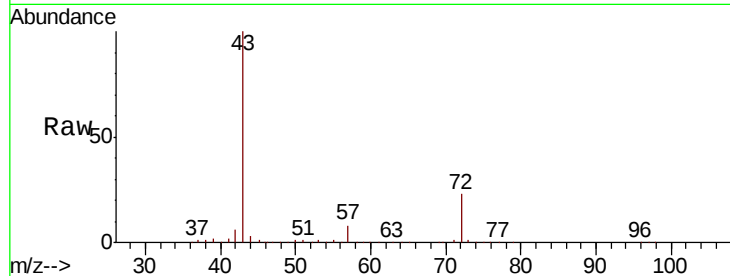
ClientSampleId :

Tot Ion: 43 Resp: 512982

Ion Ratio Lower Upper

43 100

72 22.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

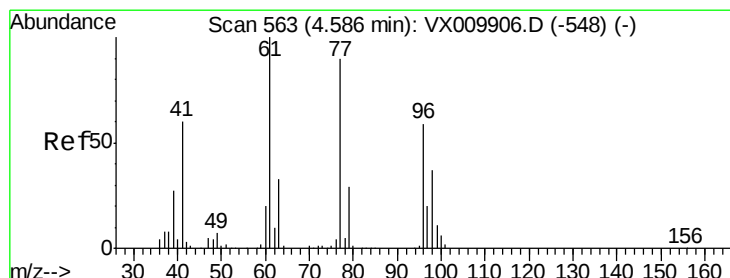
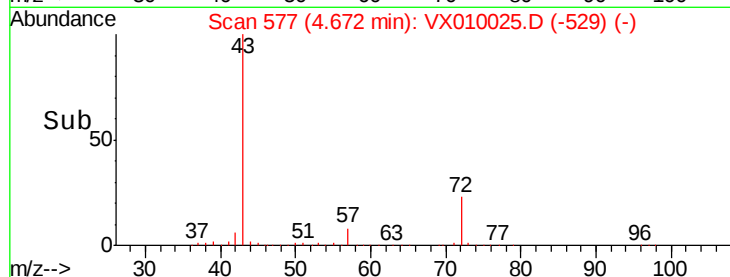
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.798 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010025.D

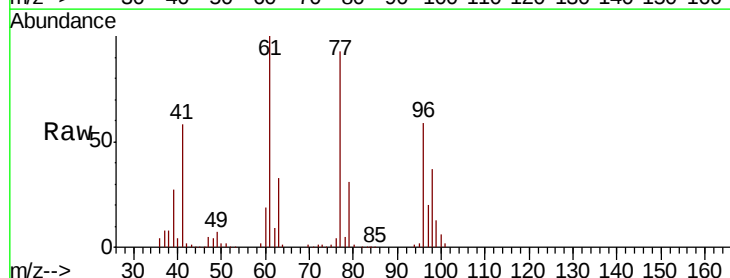
Acq: 03 Jun 2019 10:28

Tgt Ion: 77 Resp: 150049

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

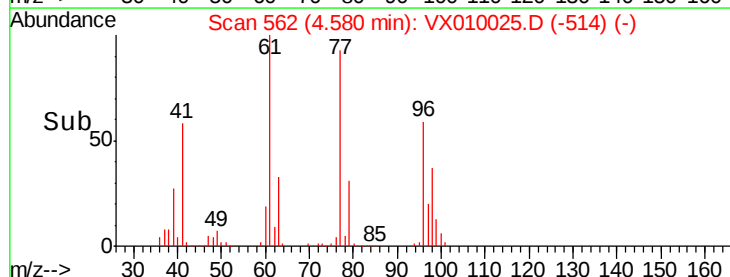
30000

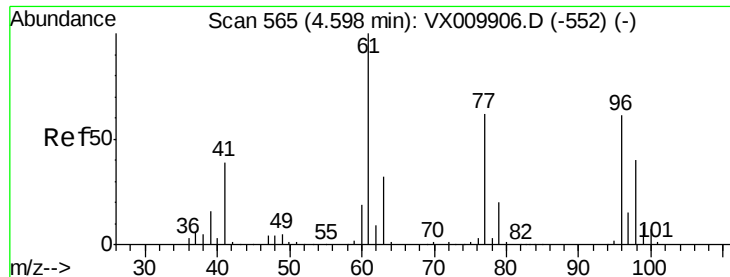
20000

10000

0

Time-->



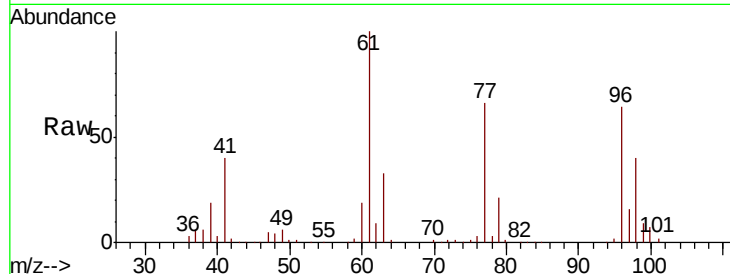


#27

cis-1,2-Dichloroethene
Concen: 47.048 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	105287
Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	334.0
98	64.8	0.0	131.6

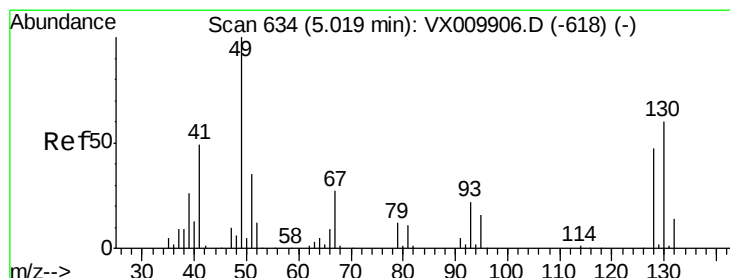
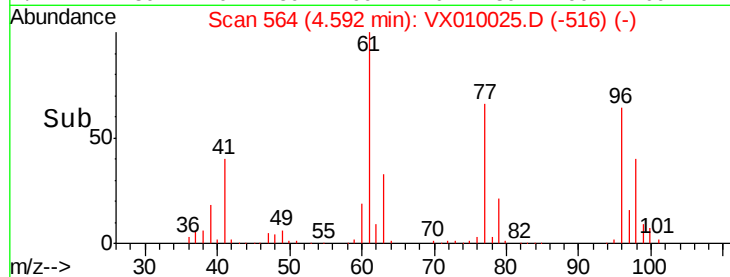
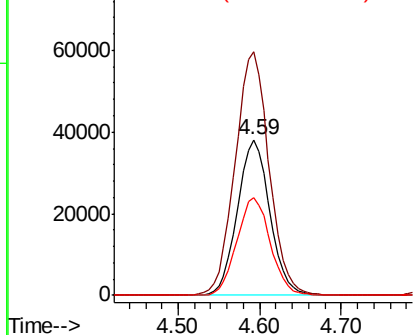


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

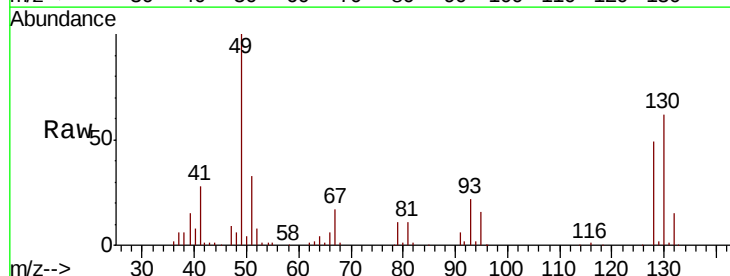
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 46.713 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion	49	Resp	94657
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	64.1	49.4	74.2

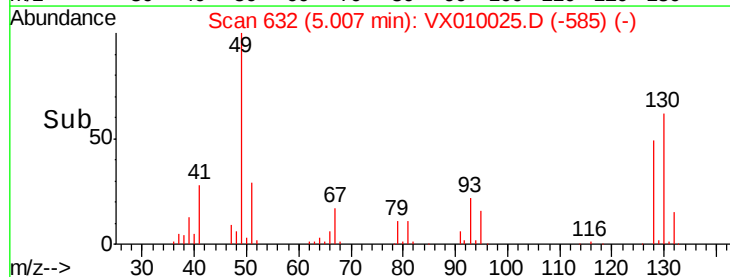
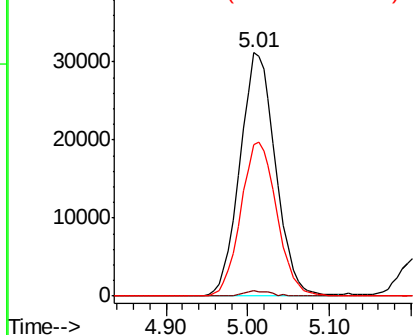


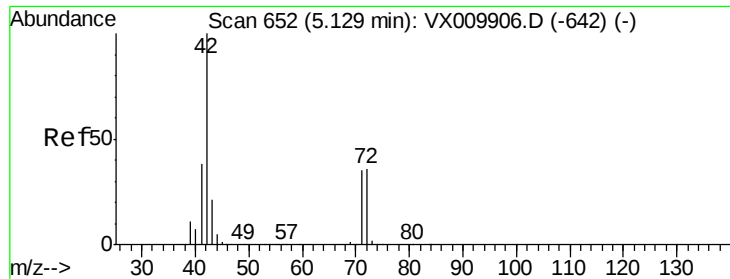
Abundance

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

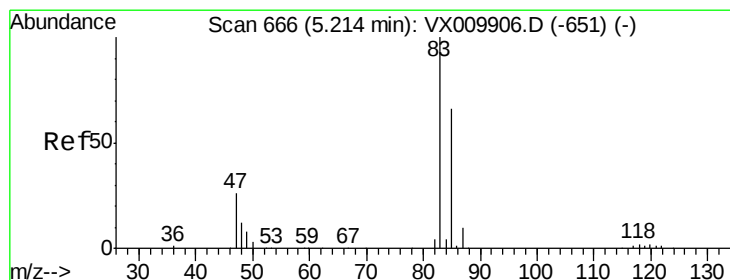
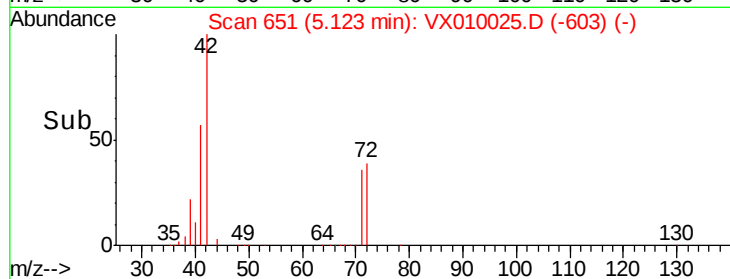
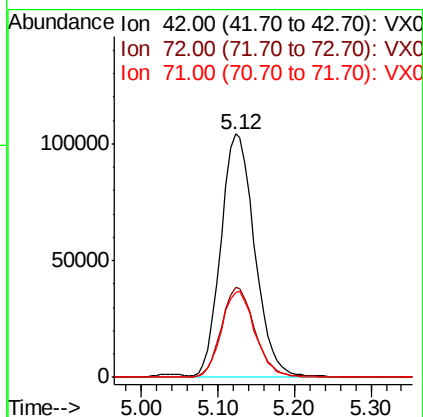
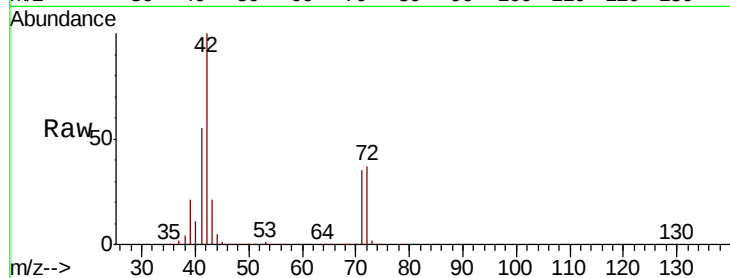




#29
Tetrahydrofuran
Concen: 226.451 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

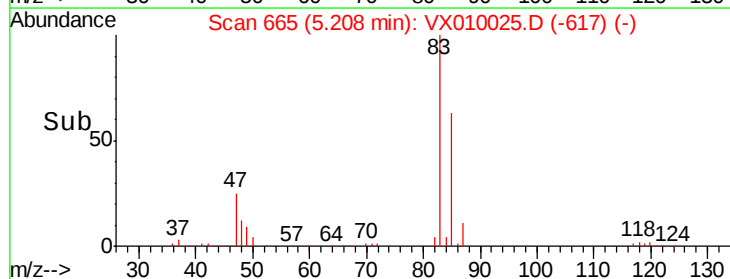
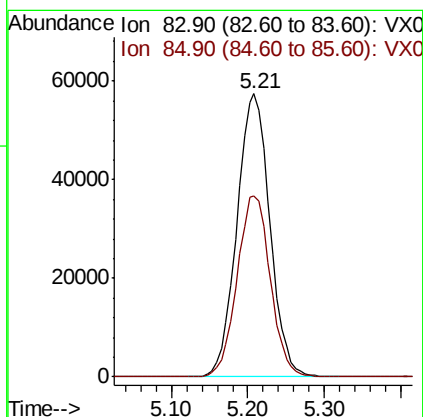
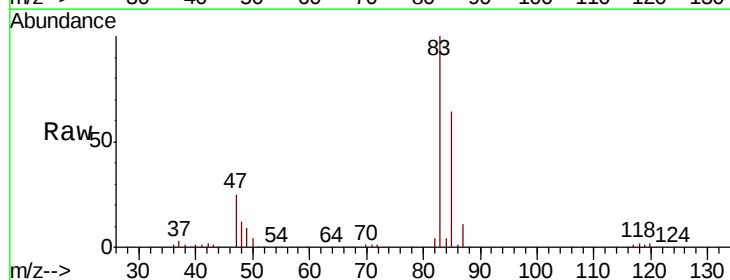
Instrument :
MSVOA_X
ClientSampled :

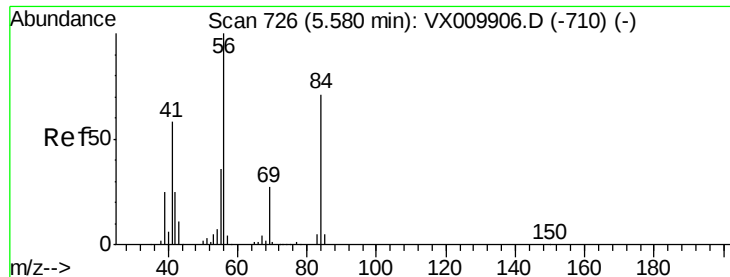
Tot Ion: 42 Resp: 317682
Ion Ratio Lower Upper
42 100
72 37.0 29.2 43.8
71 35.1 27.6 41.4



#30
Chloroform
Concen: 48.762 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 83 Resp: 171720
Ion Ratio Lower Upper
83 100
85 64.1 52.6 78.8

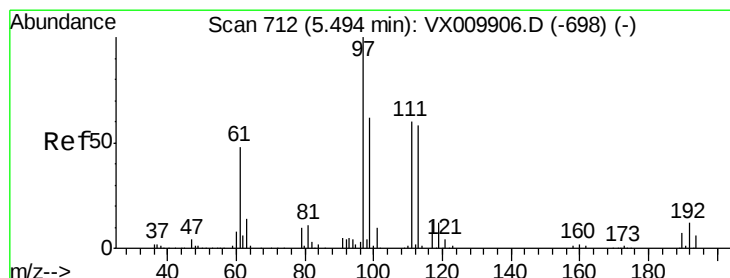
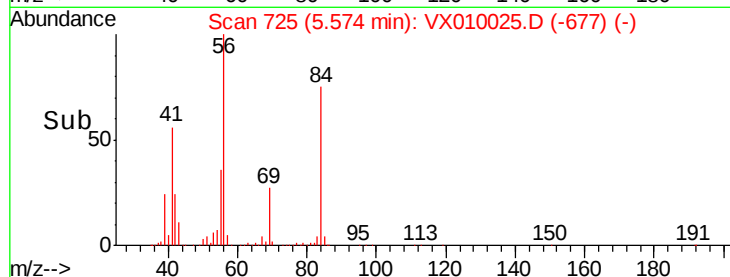
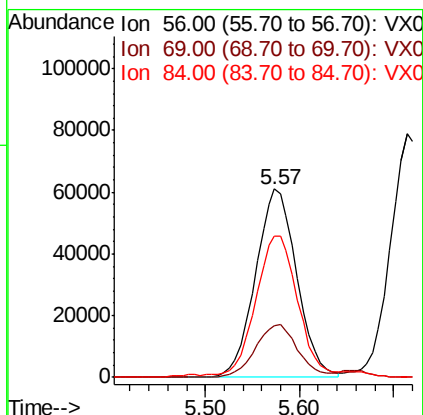
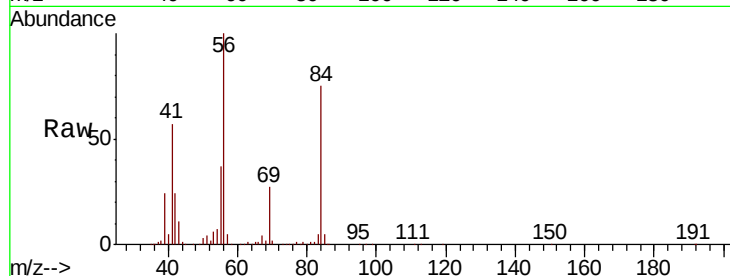




#31
Cyclohexane
Concen: 50.457 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

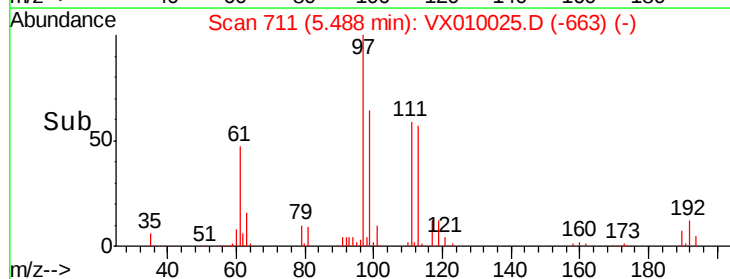
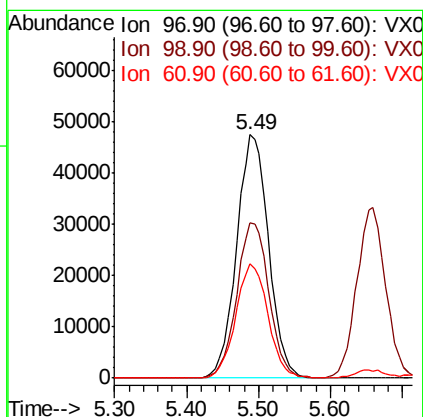
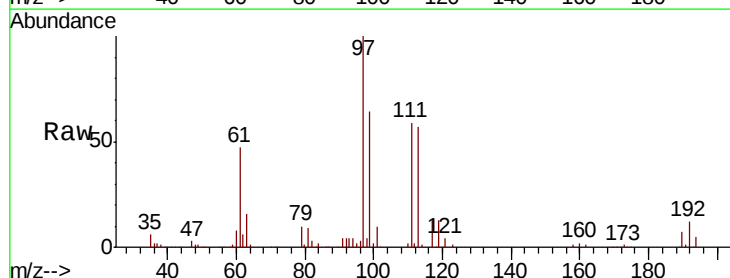
Instrument :
MSVOA_X
ClientSampleId :

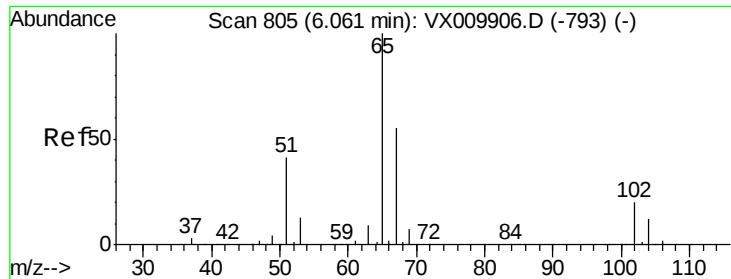
Tot Ion: 56 Resp: 186609
Ion Ratio Lower Upper
56 100
69 27.5 21.6 32.4
84 73.4 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 50.982 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 97 Resp: 146217
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 47.5 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 45.726 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

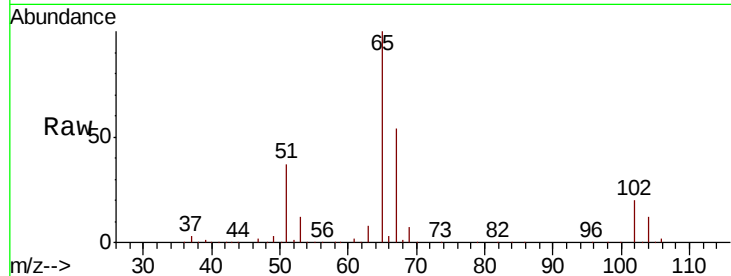
ClientSampleId :

Tot Ion: 65 Resp: 111127

Ion Ratio Lower Upper

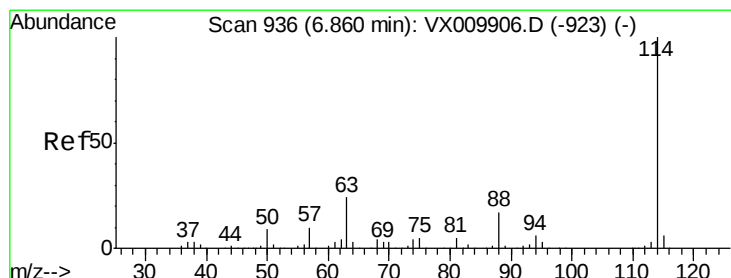
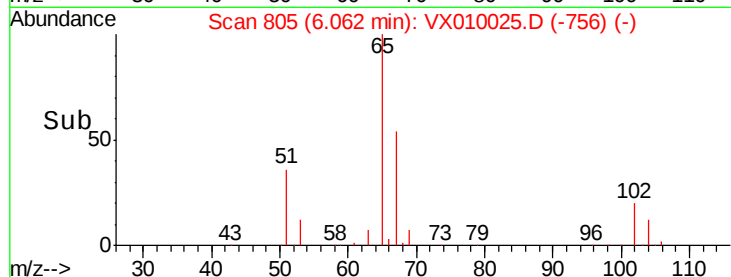
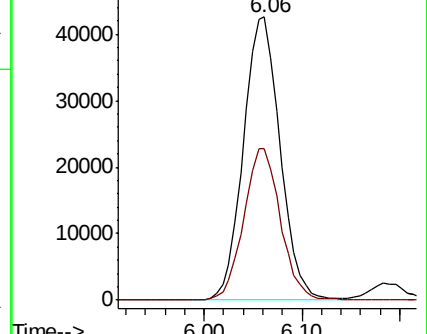
65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

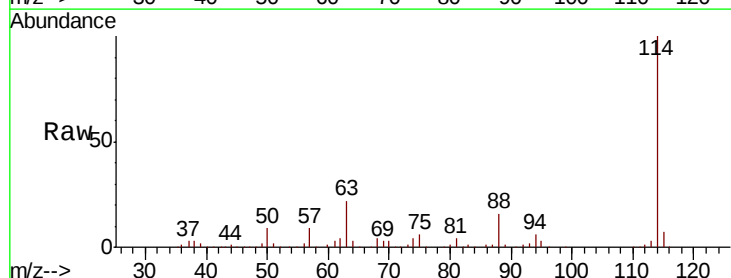
Tgt Ion: 114 Resp: 260777

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.4

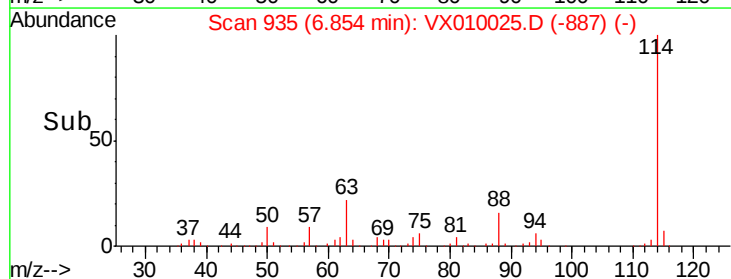
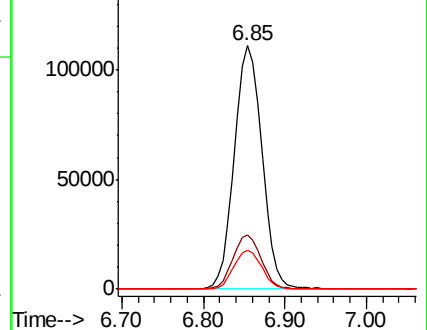
88 15.8 0.0 33.0

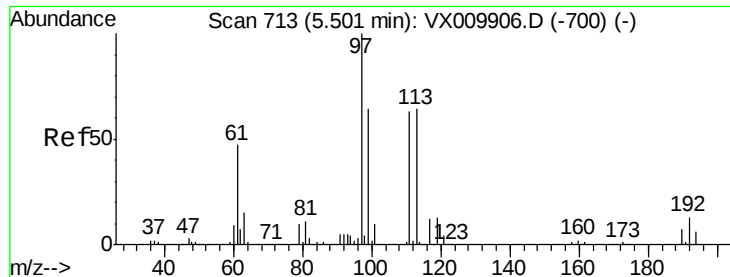


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.062 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

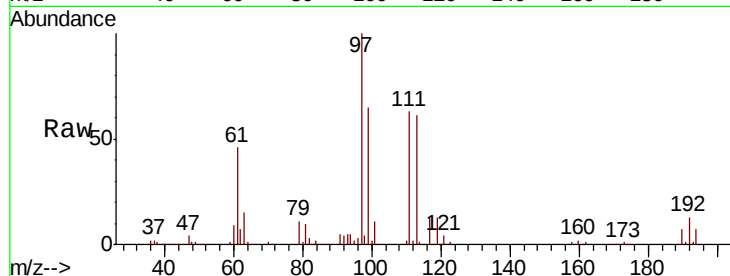
Tot Ion:113 Resp: 82078

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

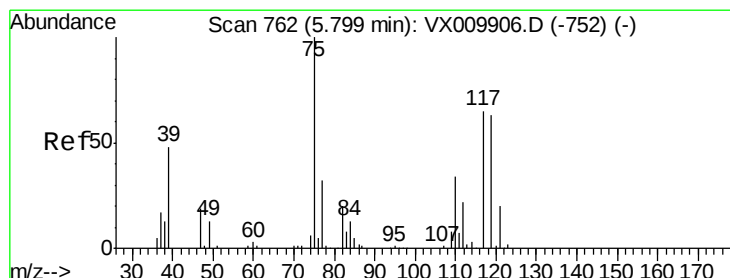
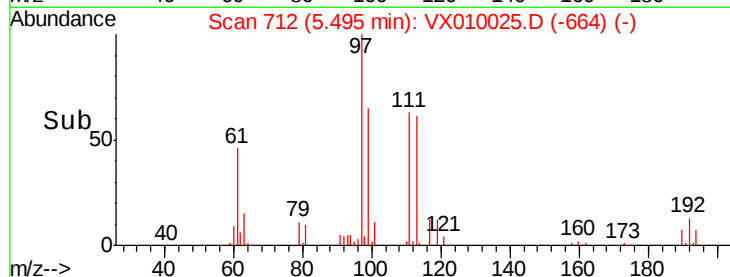
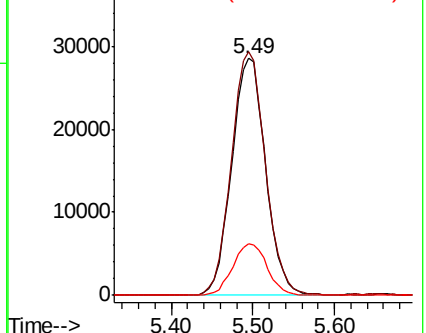
192 22.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.439 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

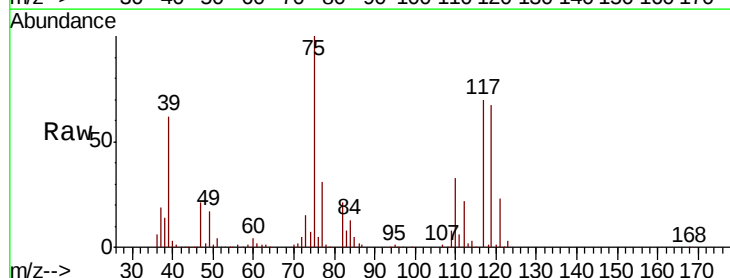
Tgt Ion: 75 Resp: 136103

Ion Ratio Lower Upper

75 100

110 33.7 16.7 50.1

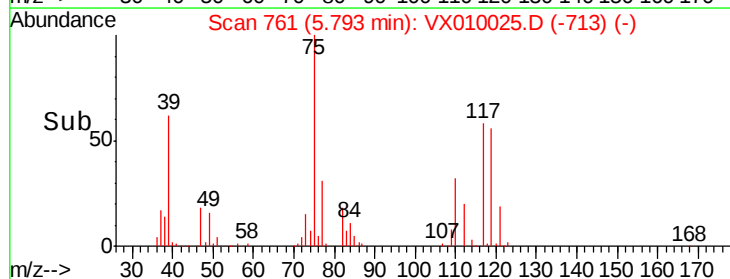
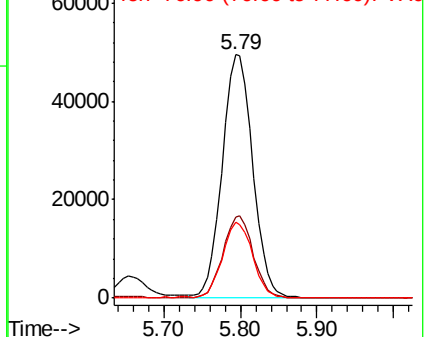
77 30.8 25.0 37.4

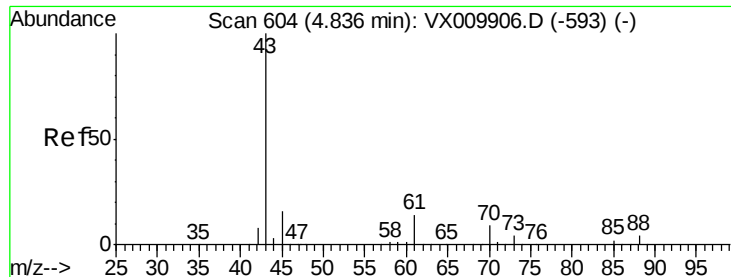


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.521 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampled :

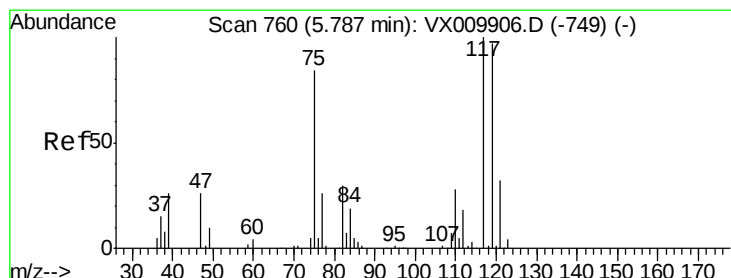
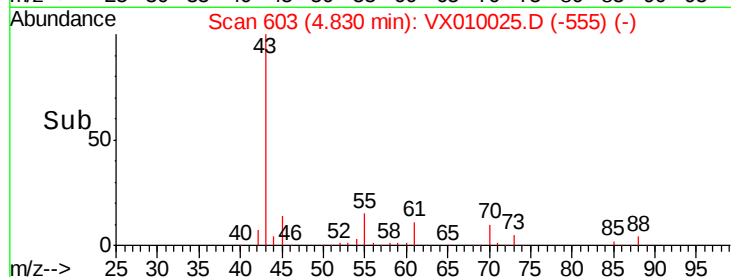
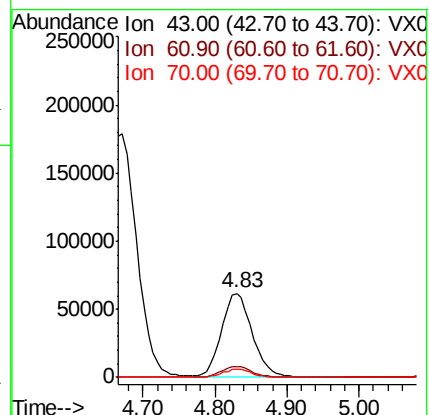
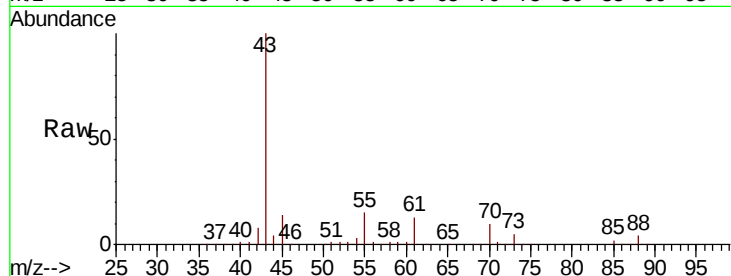
Tot Ion: 43 Resp: 182570

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.2

70 9.3 7.4 11.2



#38

Carbon Tetrachloride

Concen: 54.400 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

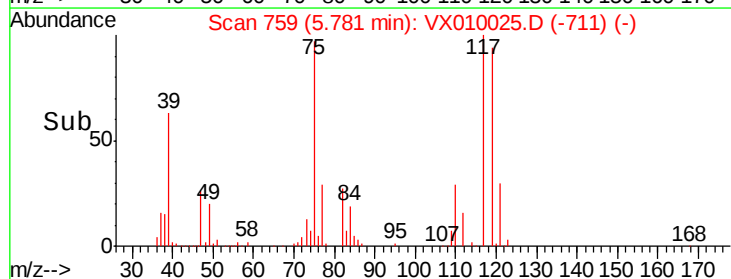
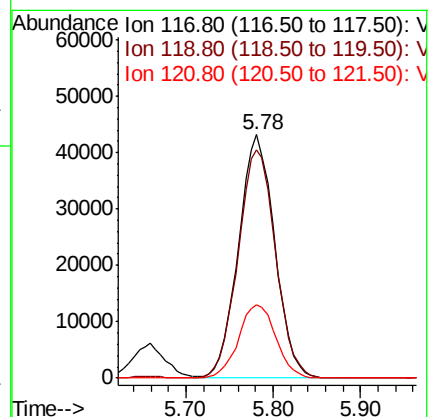
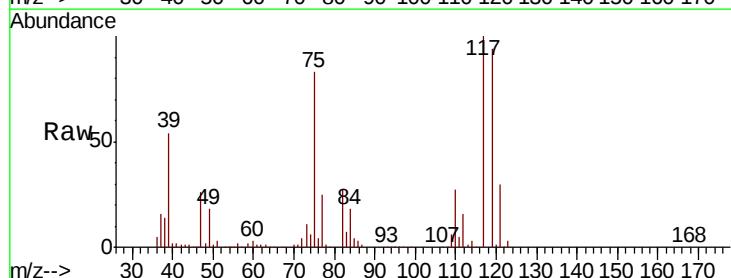
Tgt Ion: 117 Resp: 124380

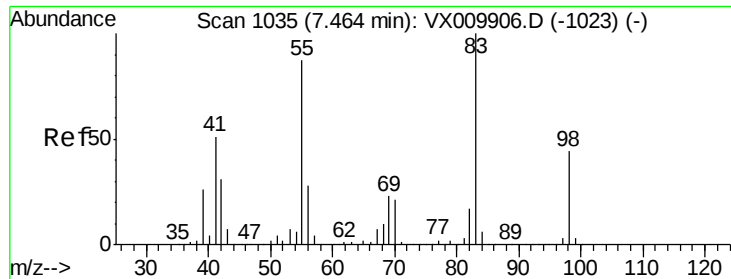
Ion Ratio Lower Upper

117 100

119 93.6 77.3 115.9

121 29.9 25.4 38.0

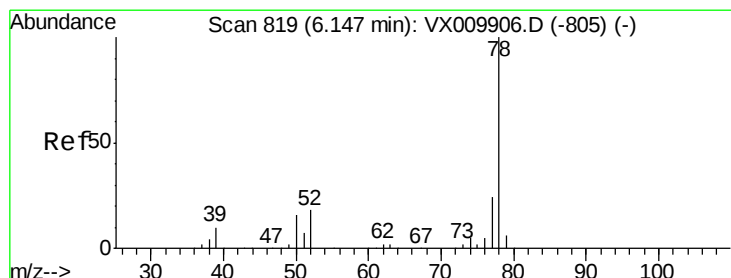
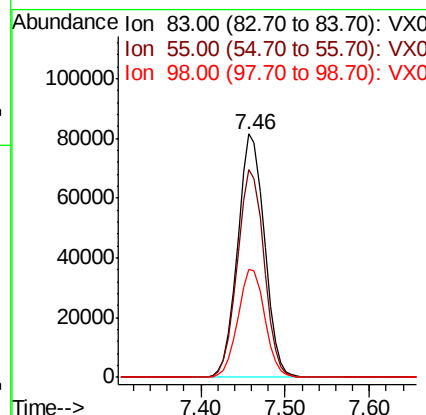
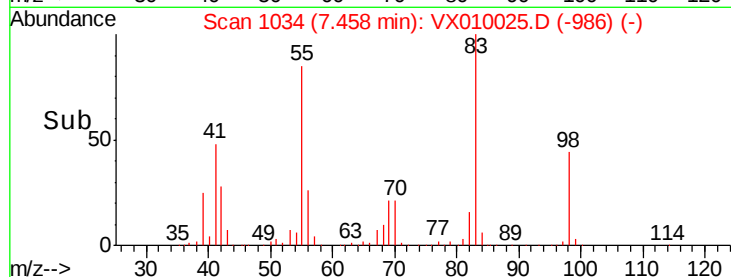
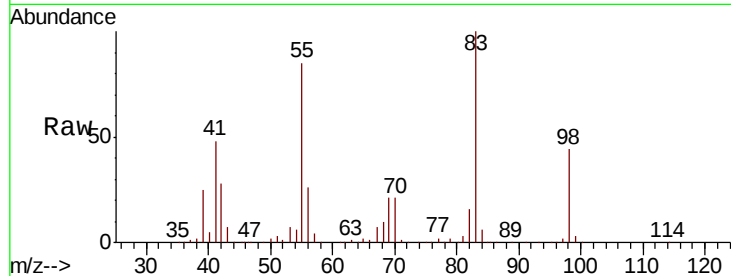




#39
Methvlcvclohexane
Concen: 55.840 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

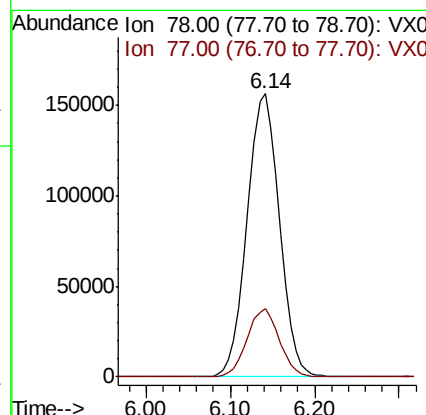
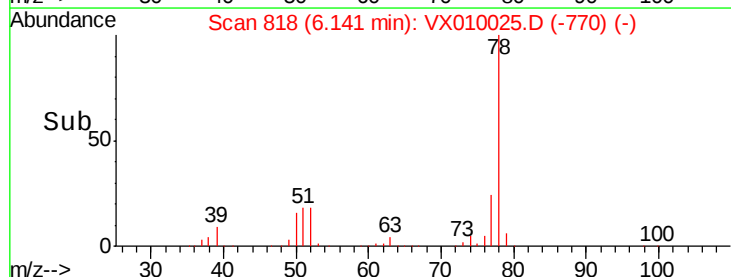
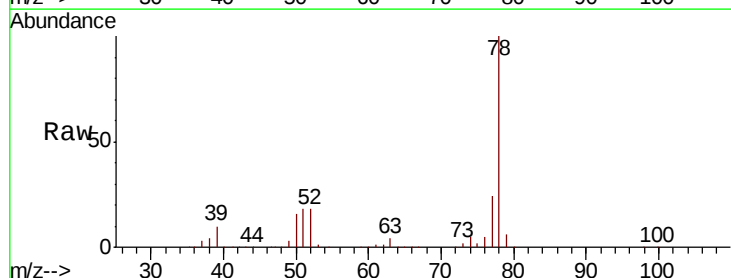
Instrument :
MSVOA_X
ClientSampled :

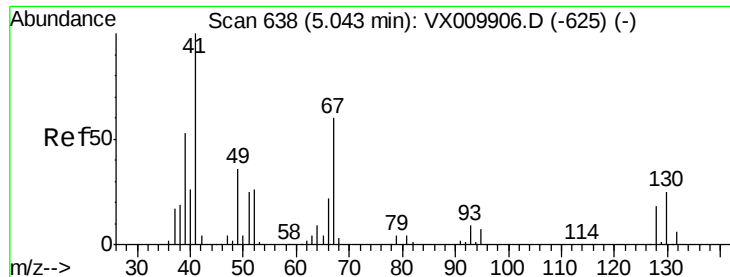
Tot Ion: 83 Resp: 175254
Ion Ratio Lower Upper
83 100
55 85.2 69.9 104.9
98 44.2 35.1 52.7



#40
Benzene
Concen: 51.881 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 78 Resp: 407209
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#41

Methacrylonitrile

Concen: 48.553 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 104595

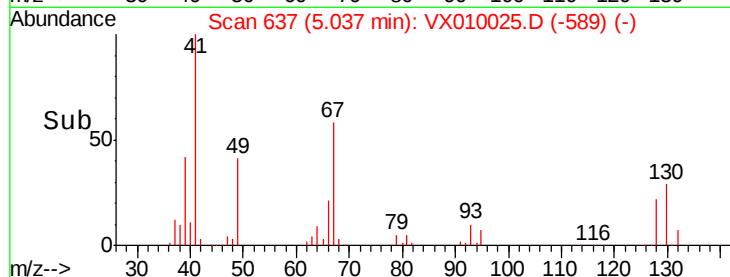
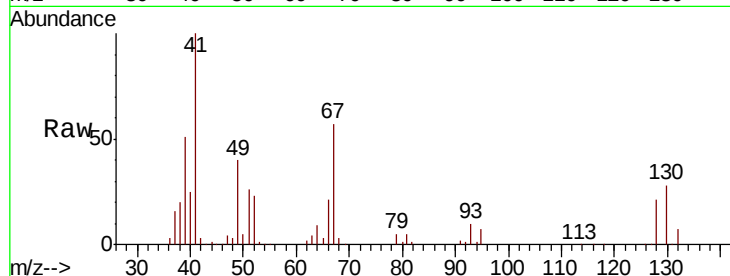
Ion Ratio Lower Upper

41 100

39 52.2 42.2 63.4

67 61.6 48.9 73.3

52 25.5 20.1 30.1

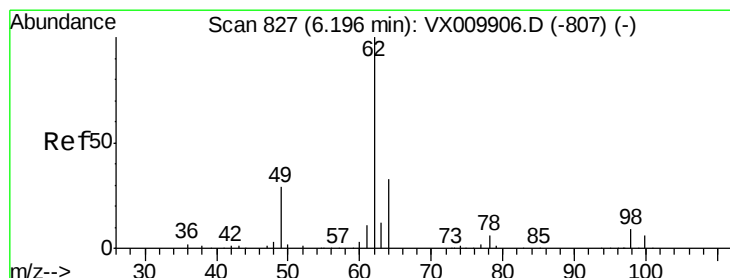
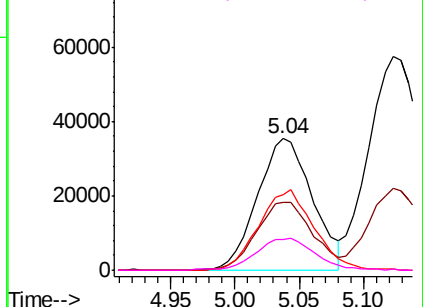


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.465 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010025.D

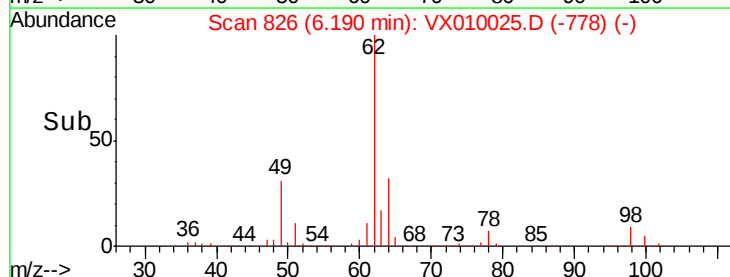
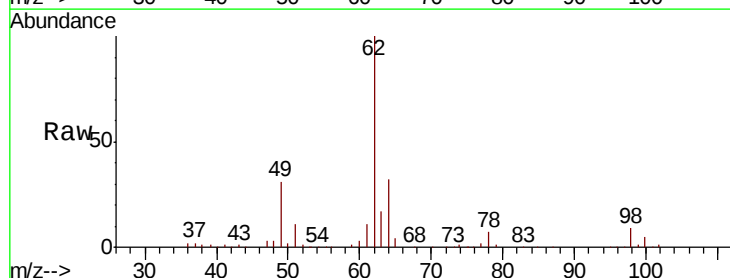
Acq: 03 Jun 2019 10:28

Tgt Ion: 62 Resp: 146434

Ion Ratio Lower Upper

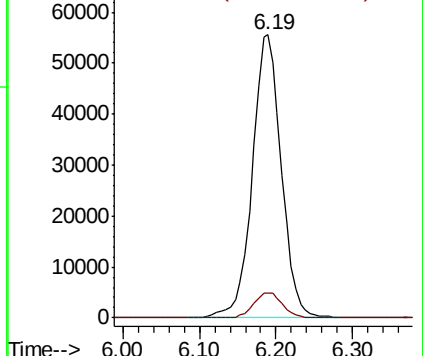
62 100

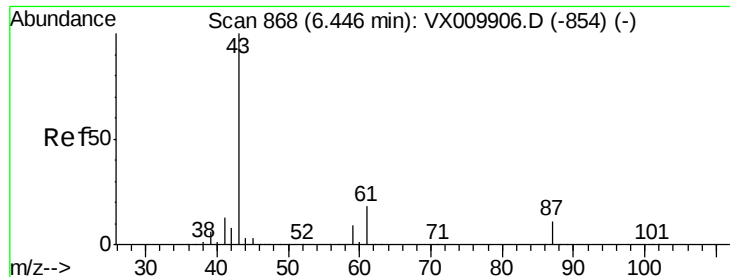
98 8.9 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



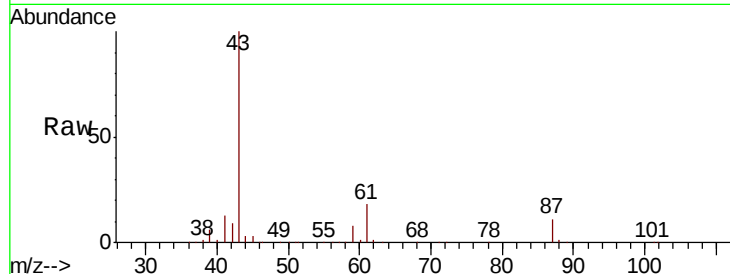


#43

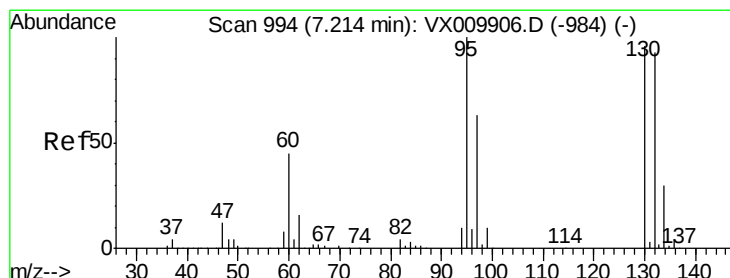
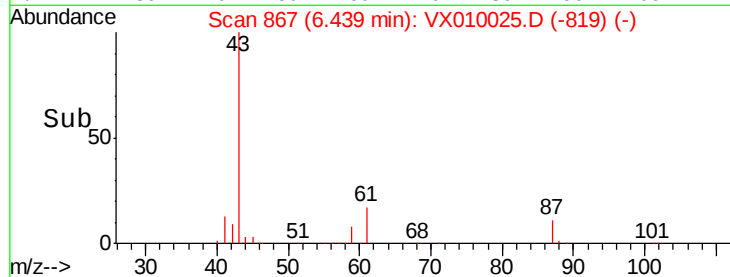
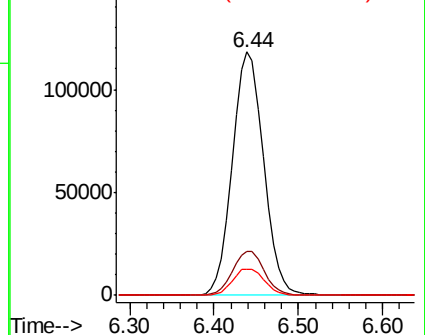
Isopropyl Acetate
 Concen: 49.682 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	295541
Ion Ratio	Lower	Upper	
43	100		
61	18.6	14.6	21.8
87	11.2	8.7	13.1



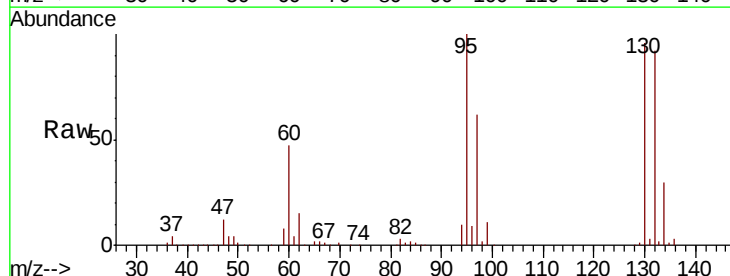
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



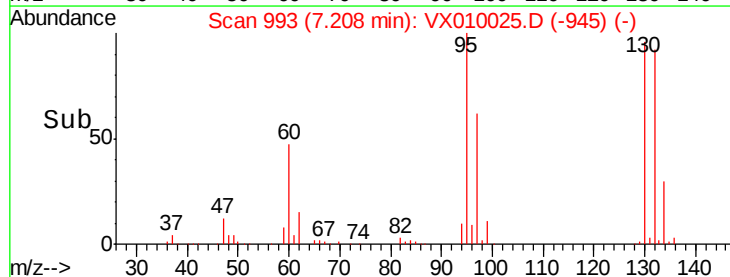
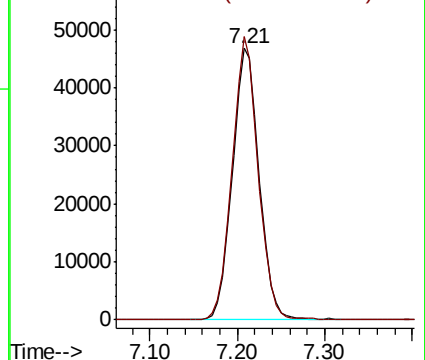
#44

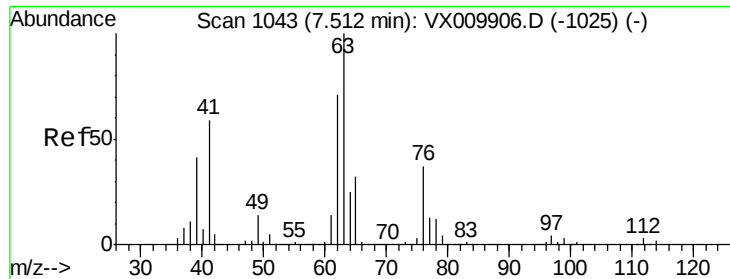
Trichloroethene
 Concen: 52.207 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

Tgt Ion	130	Resp	99534
Ion Ratio	Lower	Upper	
130	100		
95	104.2	0.0	207.4



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

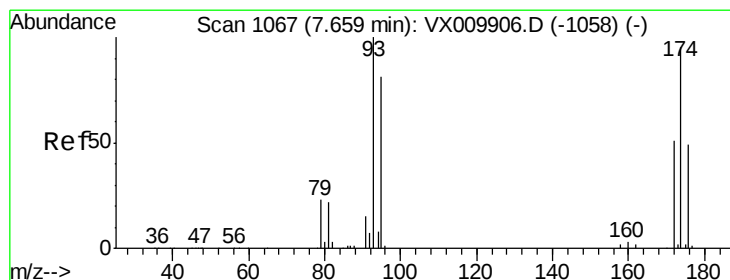
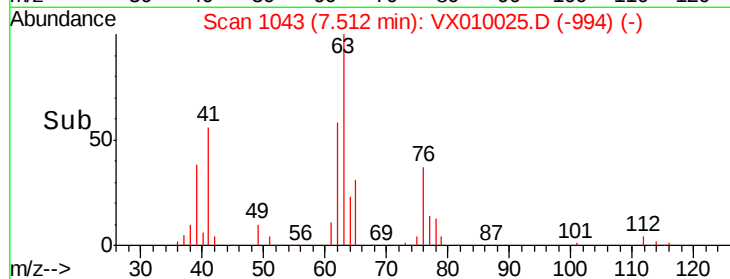
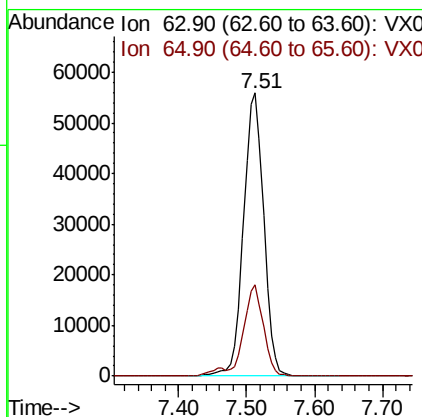
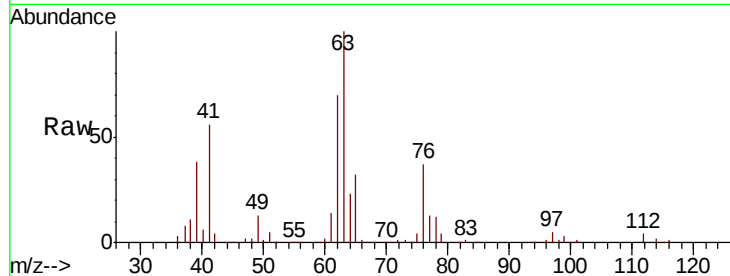




#45
 1,2-Dichloropropane
 Concen: 51.217 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

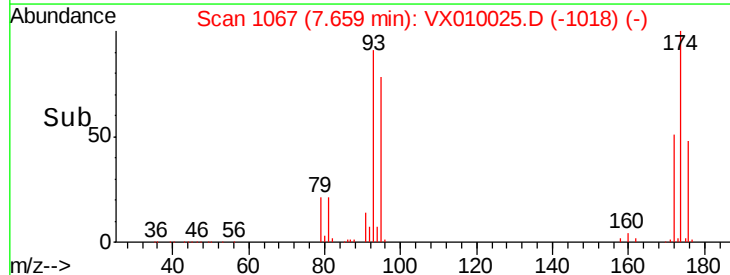
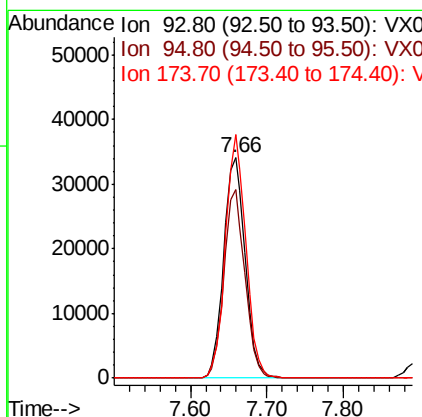
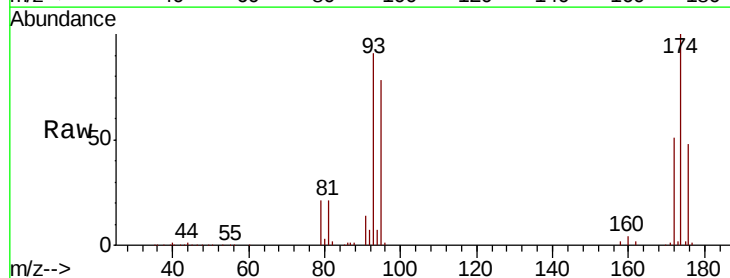
Instrument :
 MSVOA_X
 ClientSampleId :

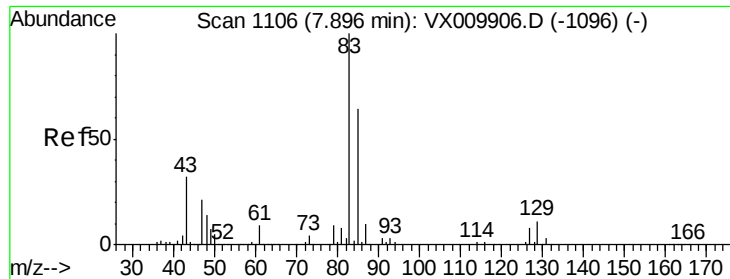
Tot Ion: 63 Resp: 115721
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.7 38.5



#46
 Dibromomethane
 Concen: 50.044 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

Tgt Ion: 93 Resp: 66557
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 104.5 81.9 122.9





#47

Bromodichloromethane

Concen: 54.506 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

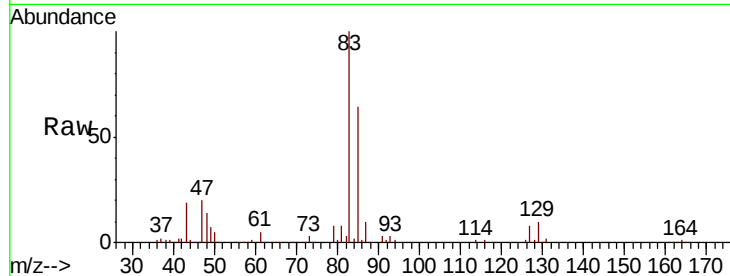
Tot Ion: 83 Resp: 137850

Ion Ratio Lower Upper

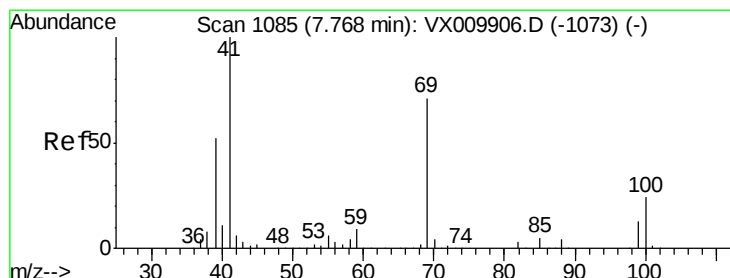
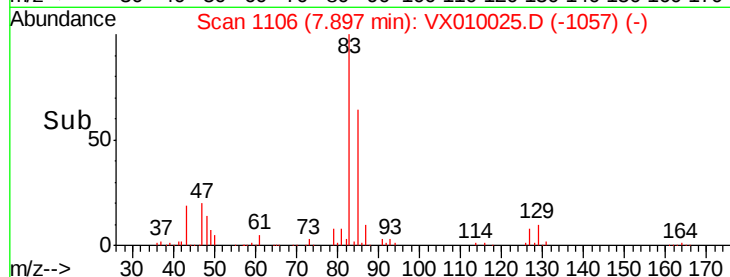
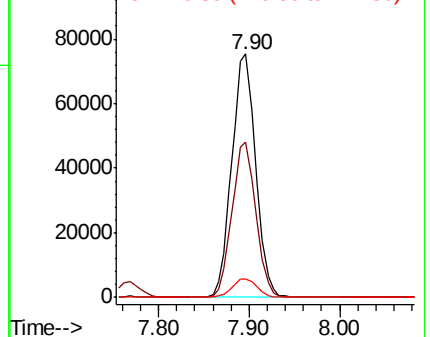
83 100

85 63.6 51.4 77.2

127 7.6 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: 51.029 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

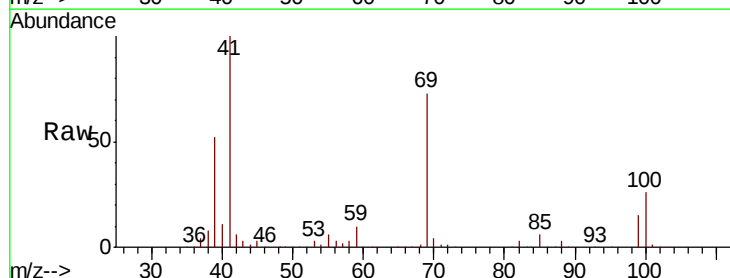
Tgt Ion: 41 Resp: 150271

Ion Ratio Lower Upper

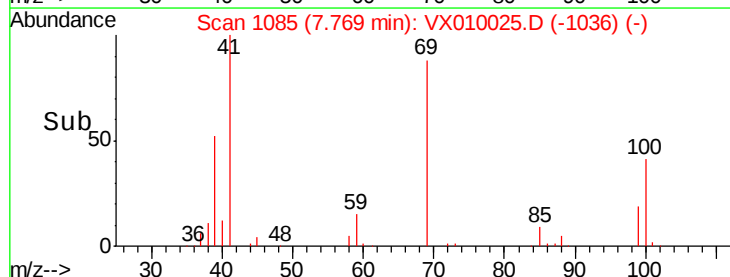
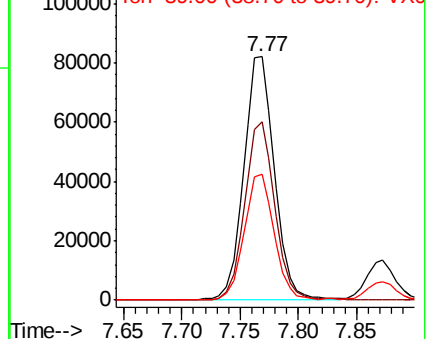
41 100

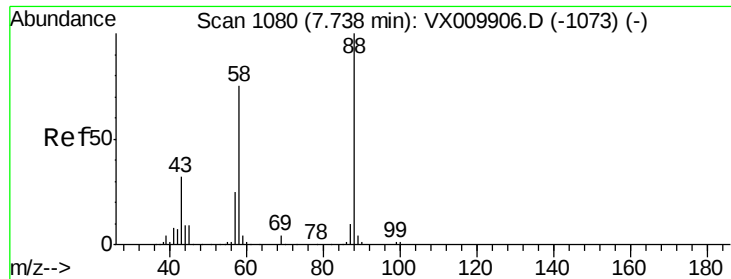
69 72.2 56.4 84.6

39 51.1 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

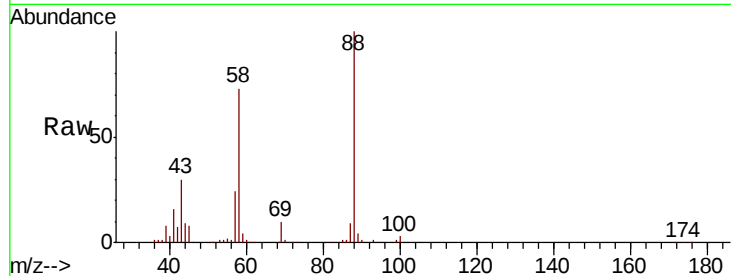




#49
1,4-Dioxane
Concen: 973.144 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	53305
Ion	Ratio	Lower	Upper
88	100		
43	36.6	30.2	45.4
58	78.3	64.0	96.0

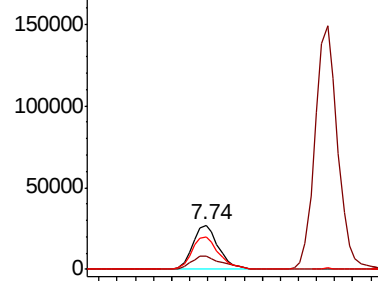


Abundance

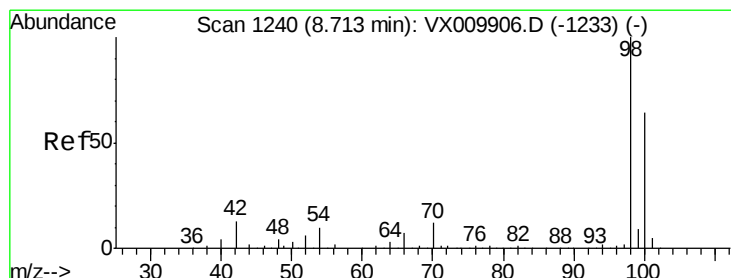
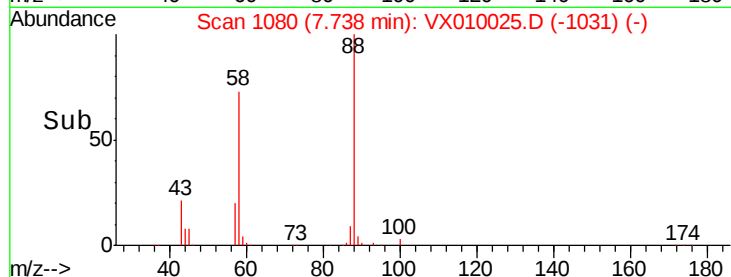
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

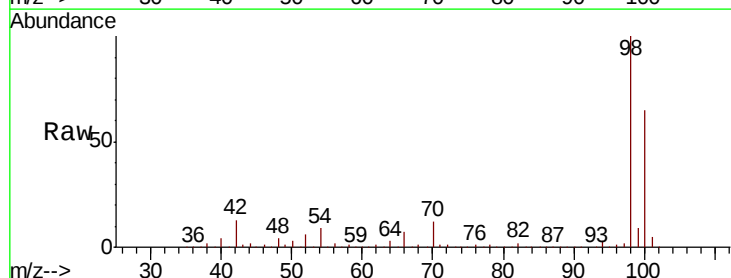


Time-->



#50
Toluene-d8
Concen: 50.285 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

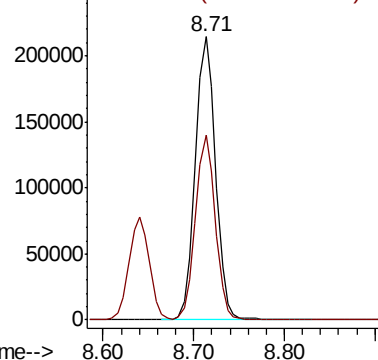
Tgt Ion	98	Resp	334781
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3



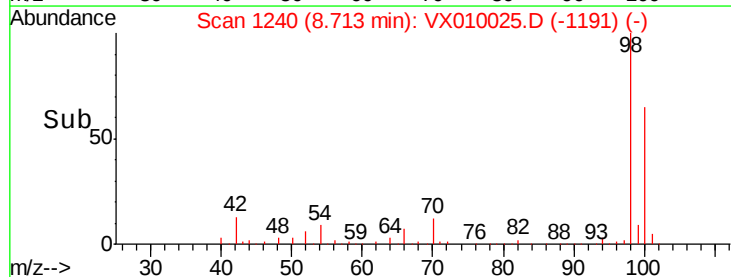
Abundance

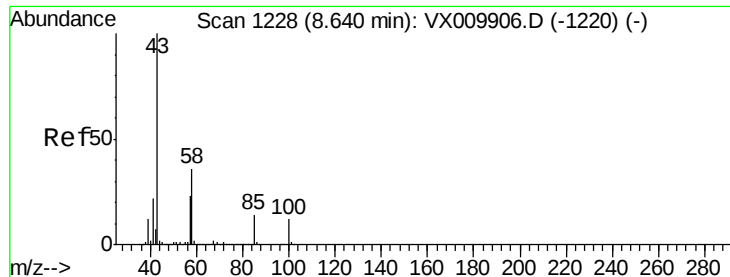
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->

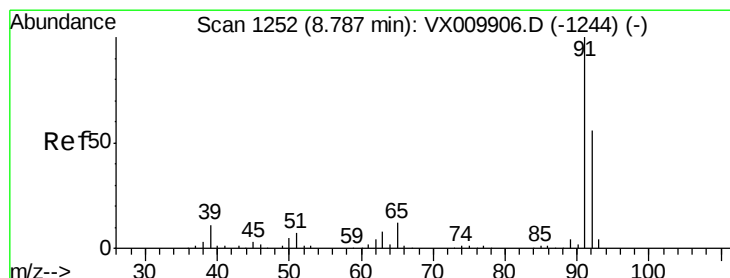
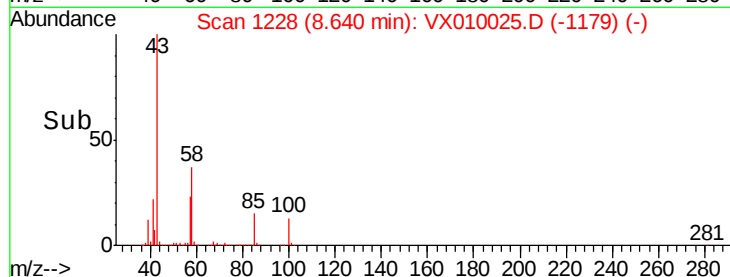
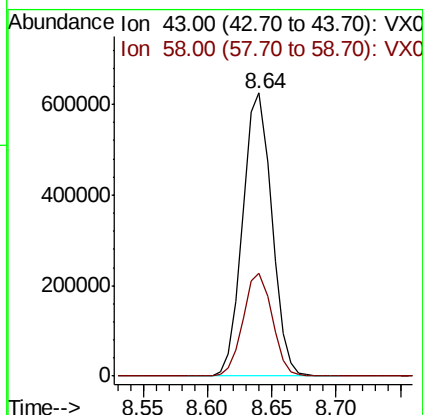
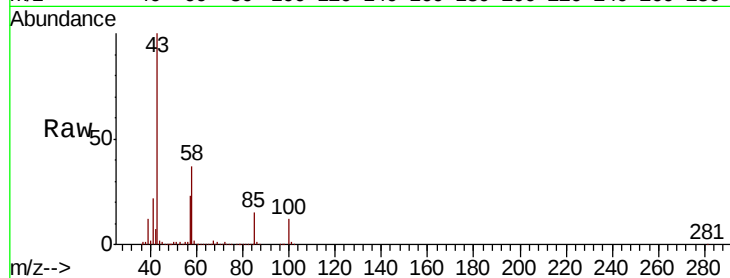




#51
4-Methyl-2-Pentanone
Concen: 252.408 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

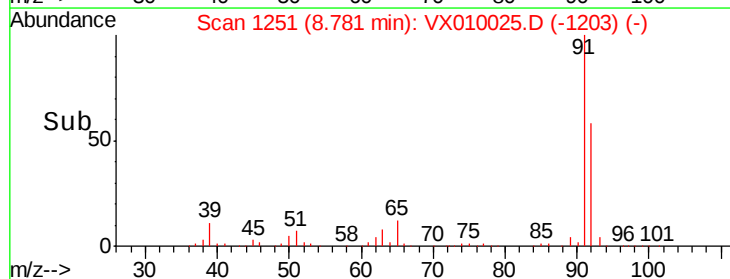
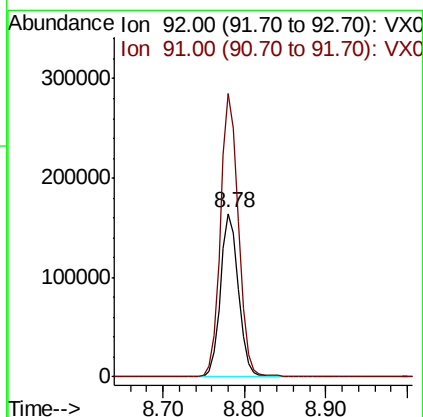
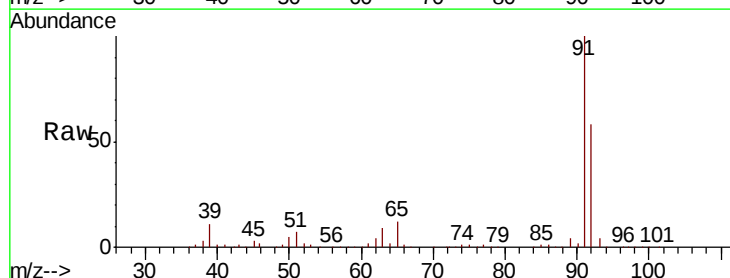
Instrument :
MSVOA_X
ClientSampleId :

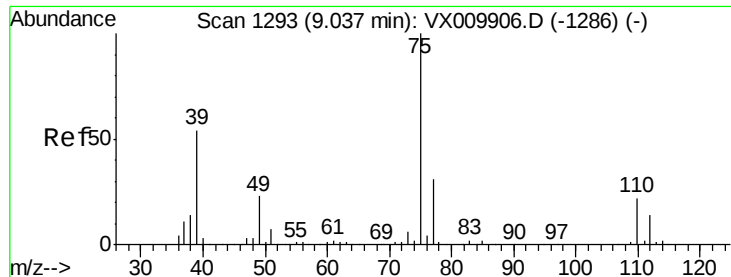
Tot Ion: 43 Resp: 976738
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2



#52
Toluene
Concen: 53.186 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 92 Resp: 253459
Ion Ratio Lower Upper
92 100
91 173.1 139.9 209.9

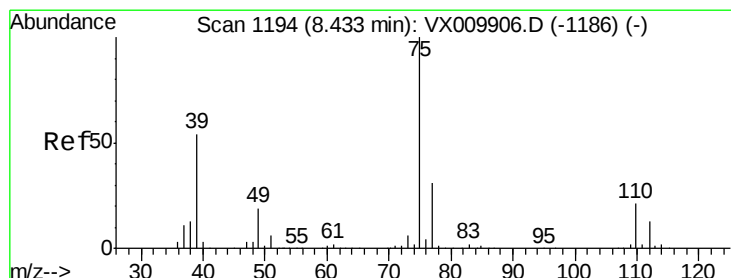
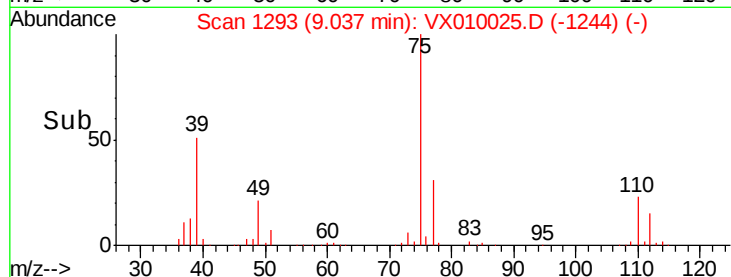
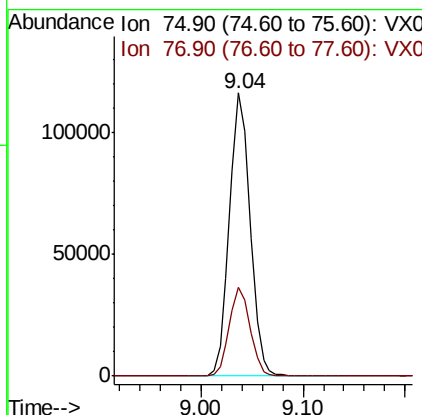
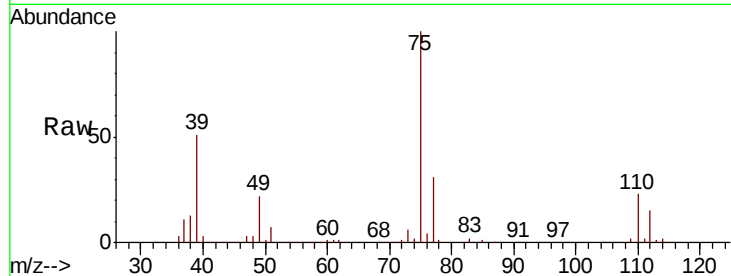




#53
 t-1,3-Dichloropropene
 Concen: 53.842 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

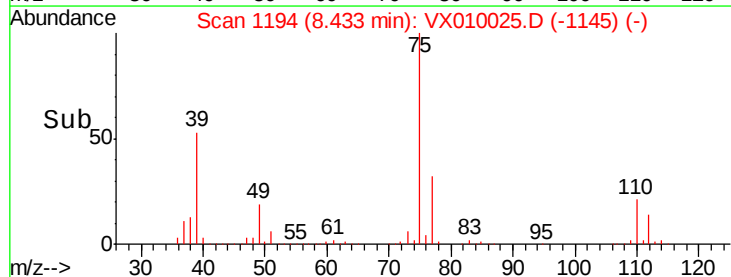
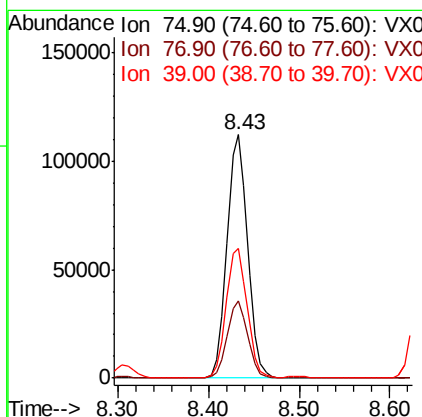
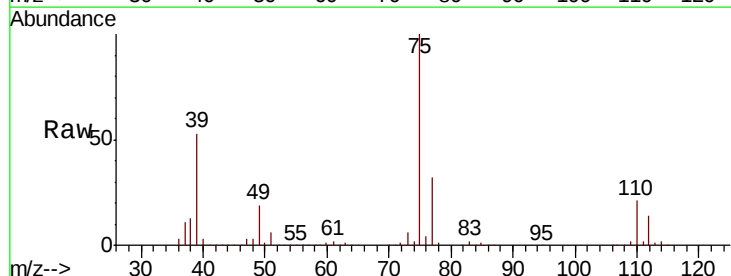
Instrument :
 MSVOA_X
 ClientSampled :

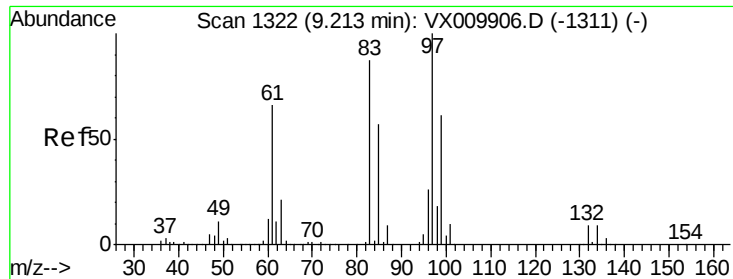
Tot Ion: 75 Resp: 163308
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.658 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

Tgt Ion: 75 Resp: 177325
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.8 37.2
 39 53.4 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 52.016 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 99771

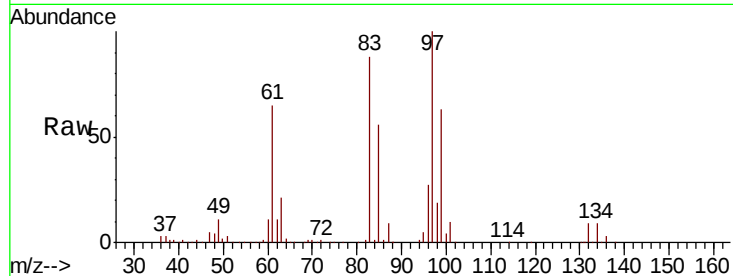
Ion Ratio Lower Upper

97 100

83 88.1 69.8 104.8

85 56.0 45.3 67.9

99 63.2 49.0 73.4



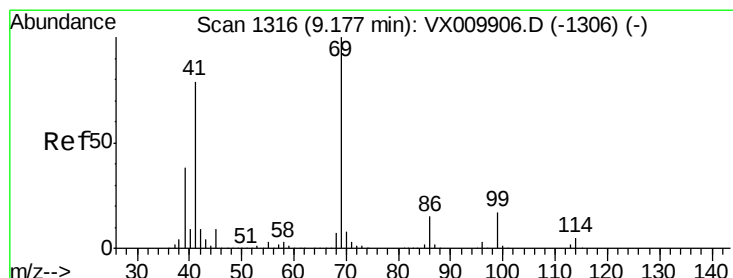
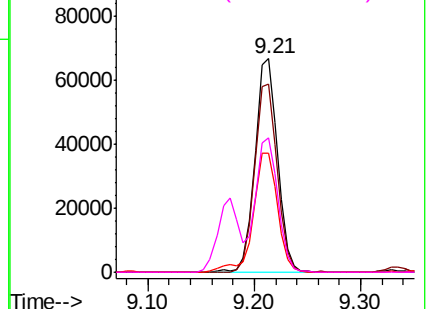
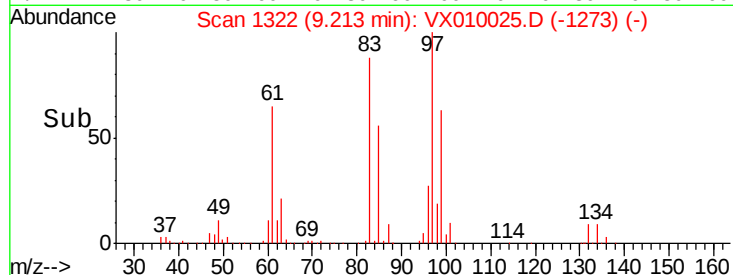
Abundance

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: 54.782 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

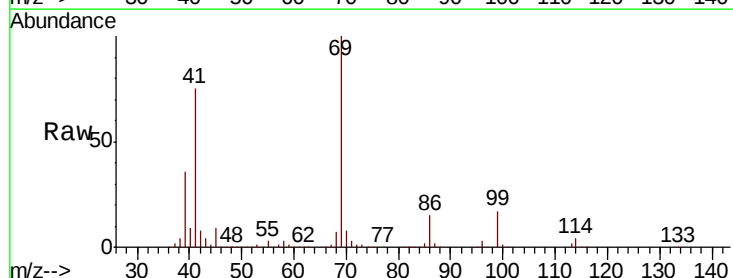
Tgt Ion: 69 Resp: 187067

Ion Ratio Lower Upper

69 100

41 76.4 62.7 94.1

39 36.4 29.5 44.3

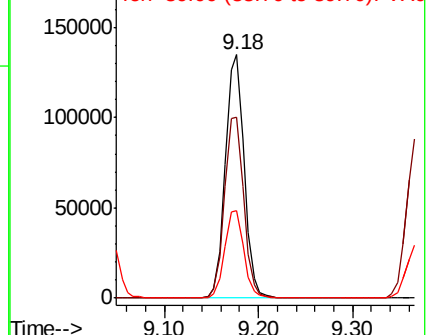
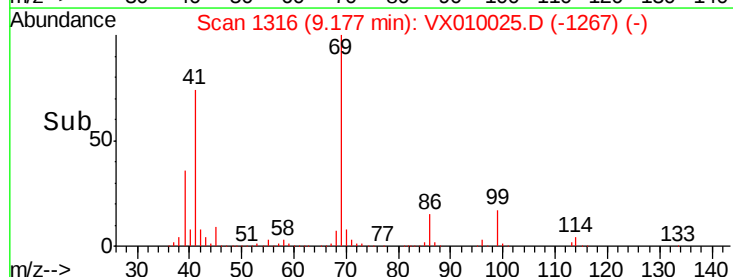


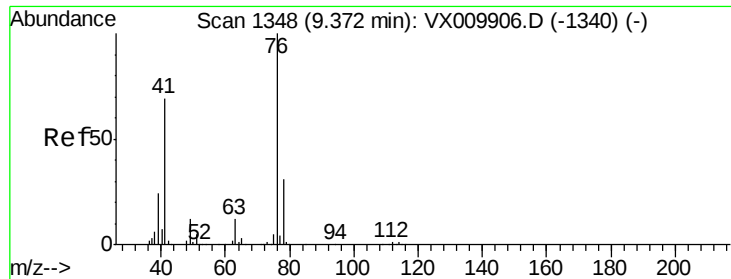
Abundance

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: 51.133 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

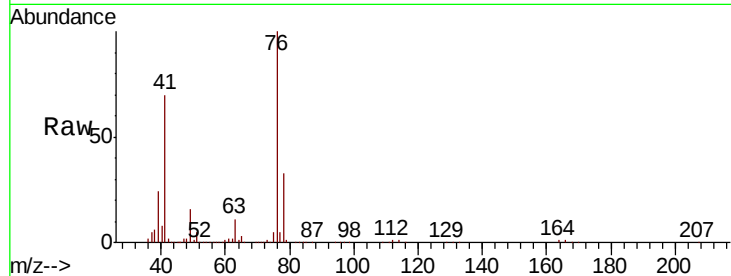
ClientSampleId :

Tot Ion: 76 Resp: 176136

Ion Ratio Lower Upper

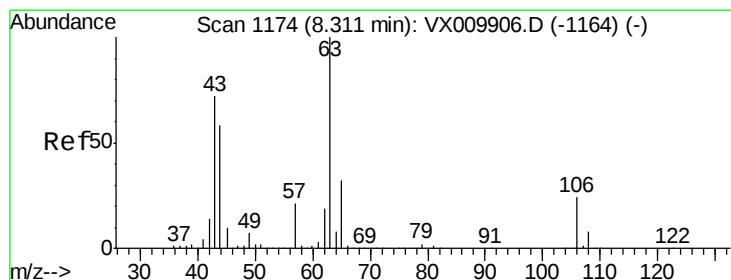
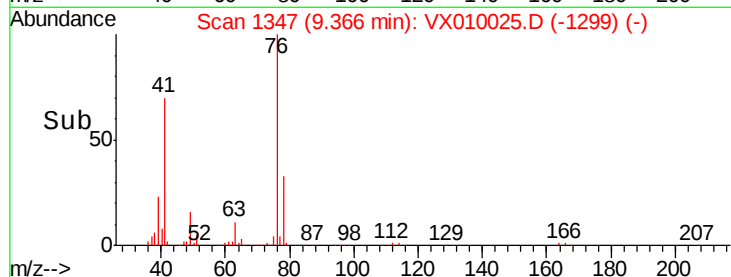
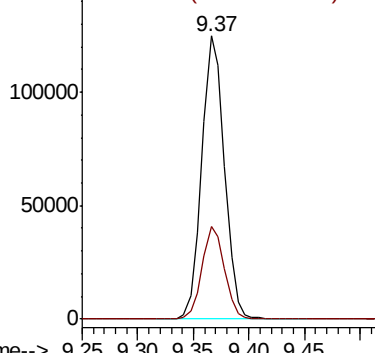
76 100

78 32.5 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 256.141 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010025.D

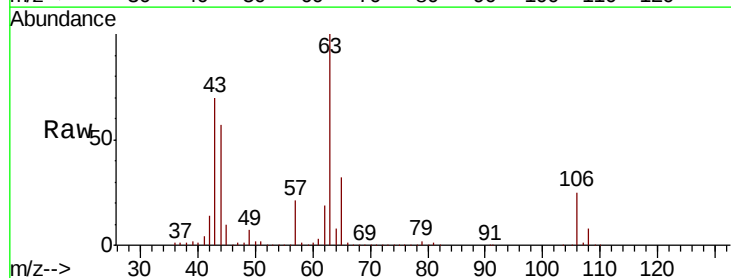
Acq: 03 Jun 2019 10:28

Tgt Ion: 63 Resp: 458652

Ion Ratio Lower Upper

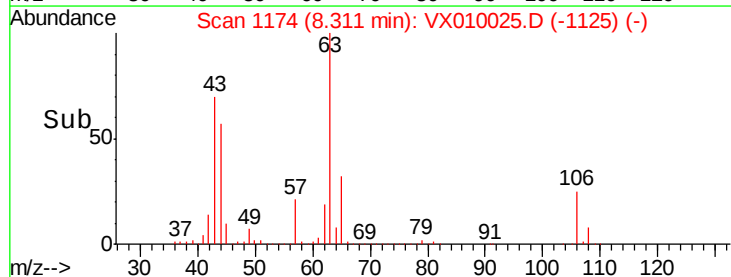
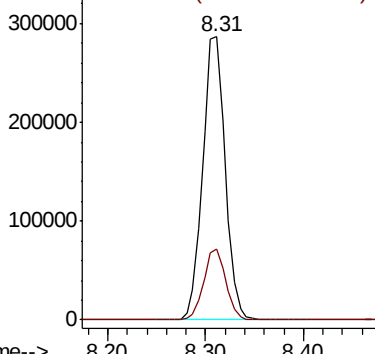
63 100

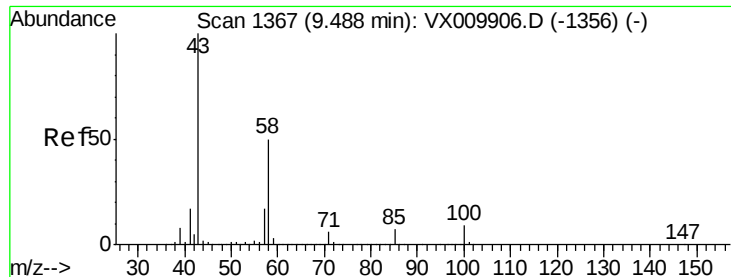
106 24.7 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

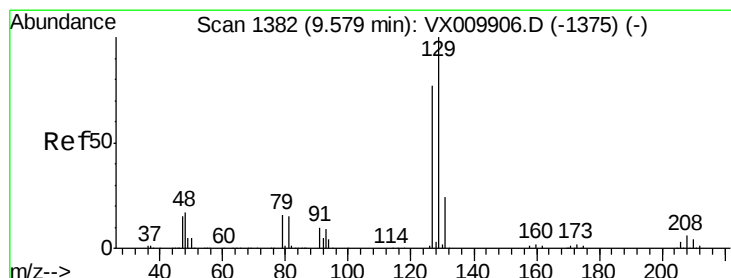
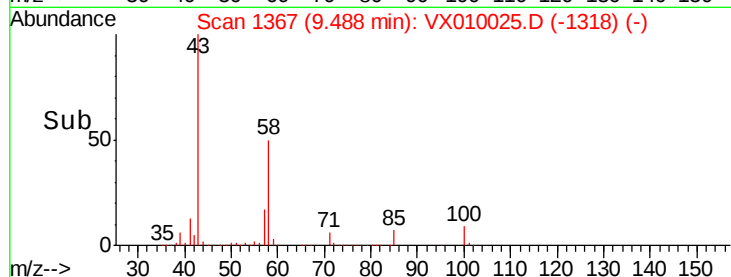
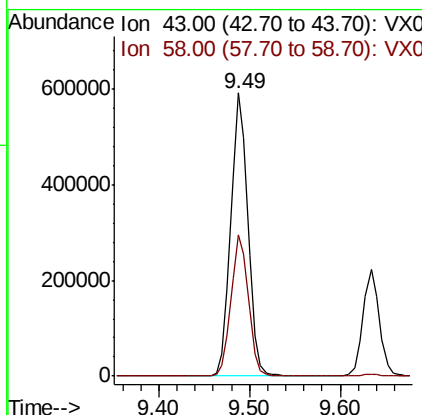
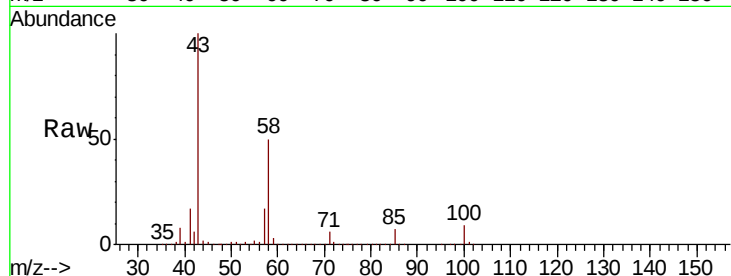




#59
2-Hexanone
Concen: 261.064 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

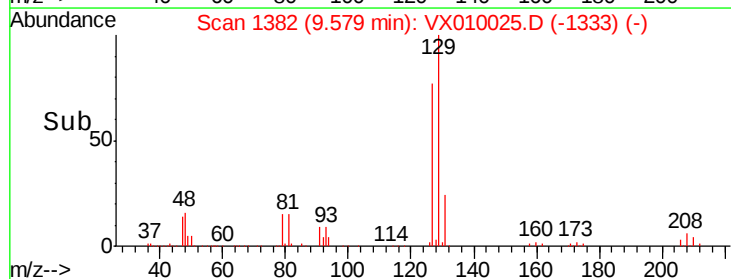
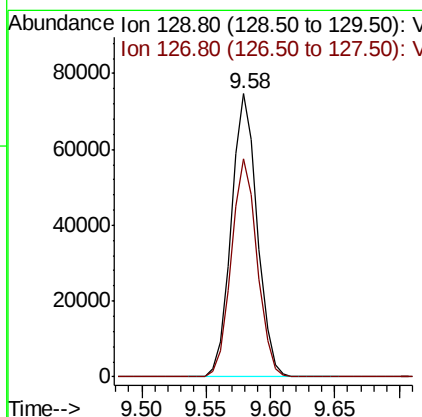
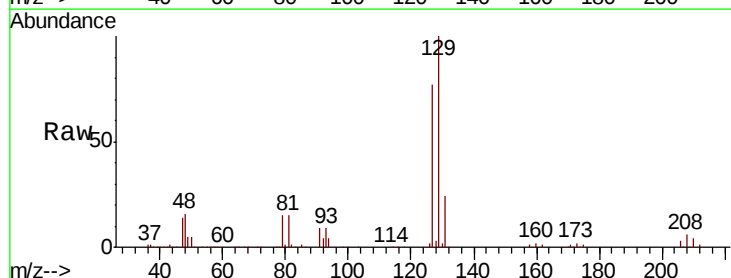
Instrument :
MSVOA_X
ClientSampleId :

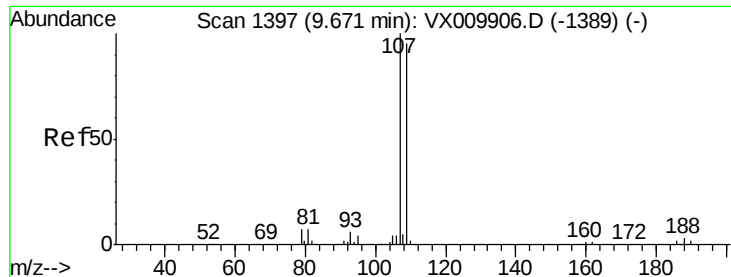
Tot Ion: 43 Resp: 777783
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3



#60
Dibromochloromethane
Concen: 55.858 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 129 Resp: 105393
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.361 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

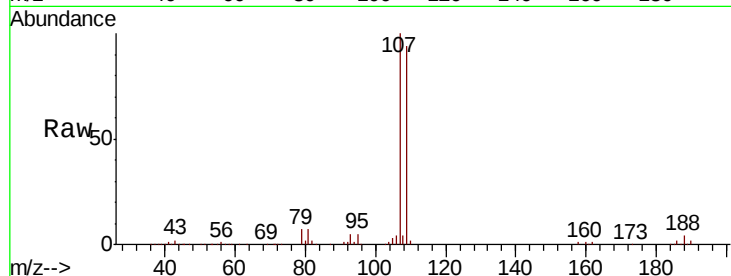
ClientSampleId :

Tot Ion:107 Resp: 103179

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

80000

60000

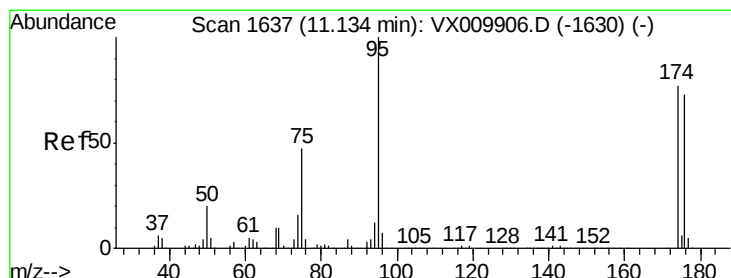
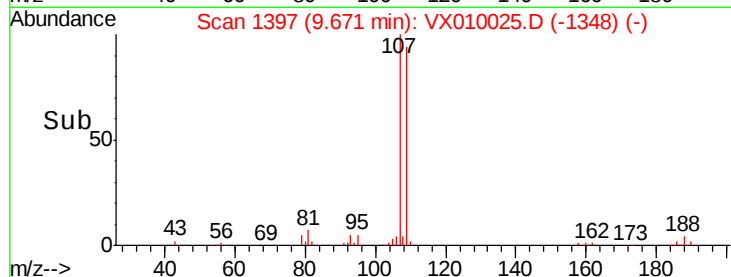
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 52.372 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

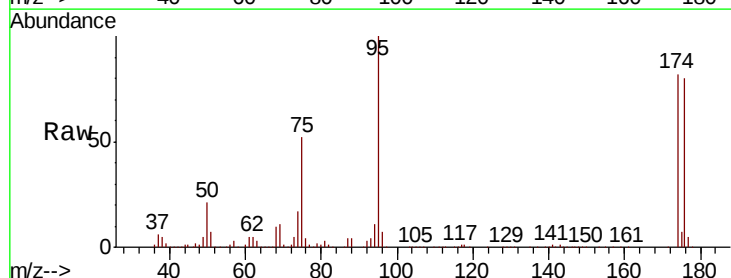
Tgt Ion: 95 Resp: 125238

Ion Ratio Lower Upper

95 100

174 83.9 0.0 160.4

176 82.2 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

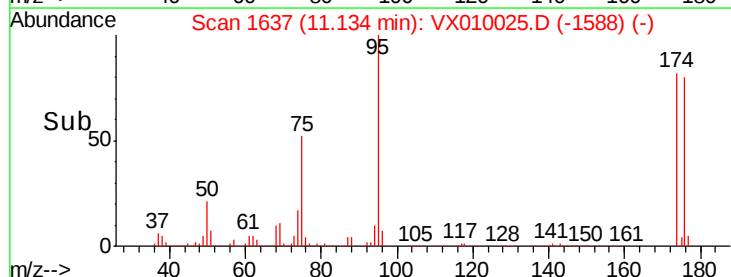
100000

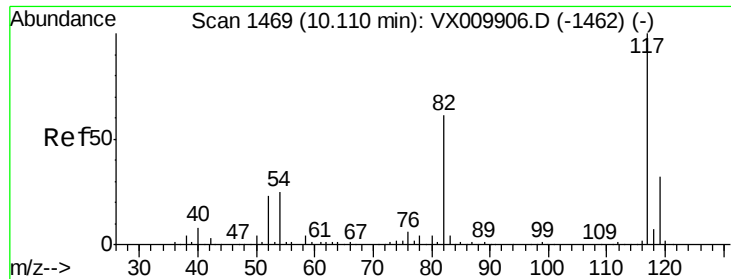
50000

0

Time-->

11.05 11.10 11.15 11.20

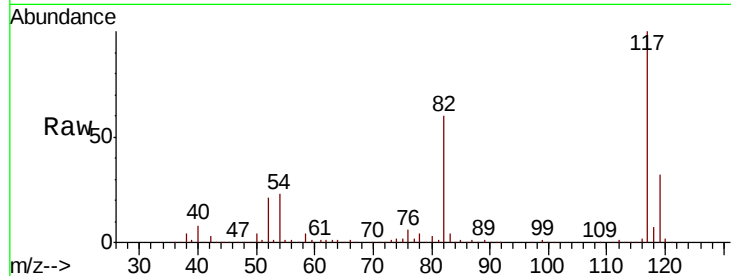




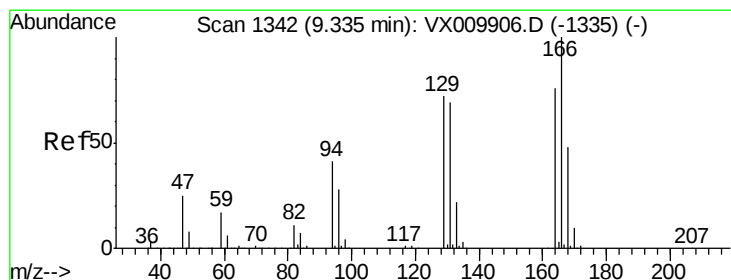
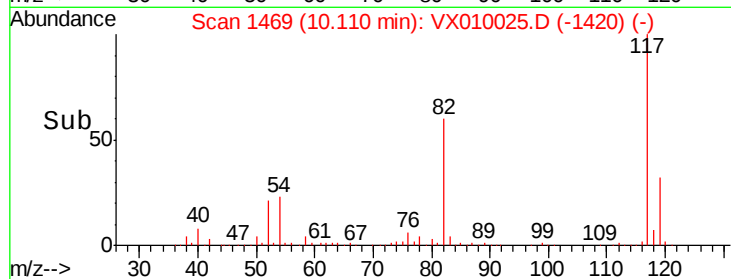
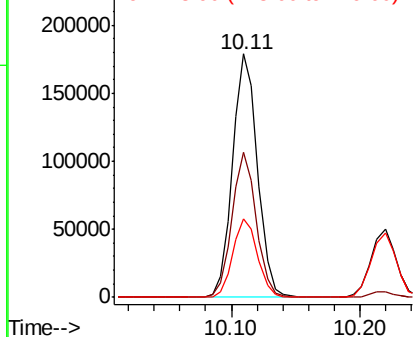
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 241544
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 32.0 25.2 37.8

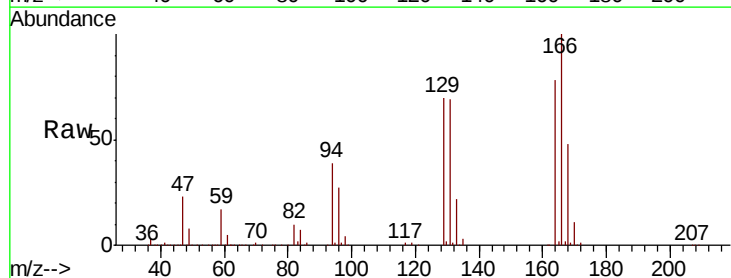


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

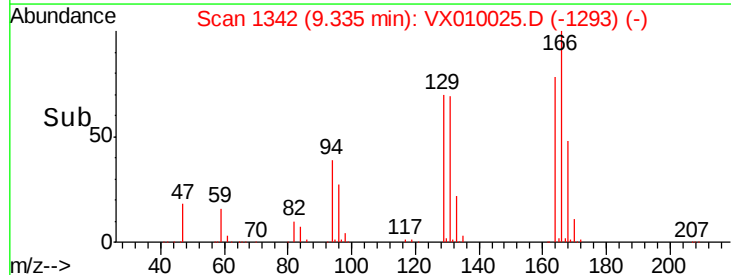
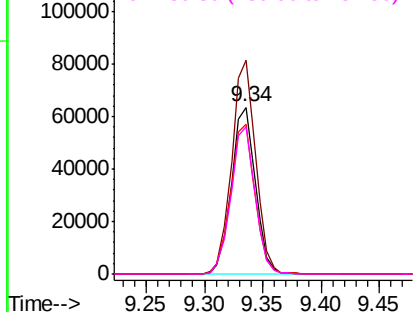


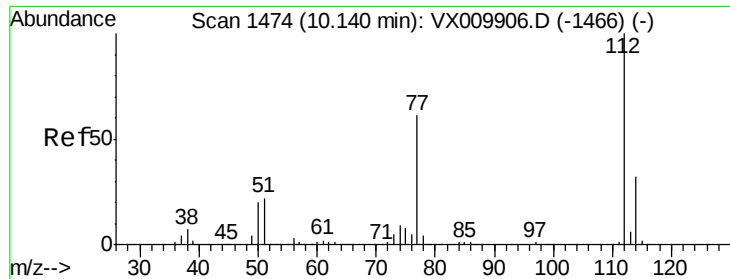
#64
Tetrachloroethene
Concen: 54.483 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion:164 Resp: 91922
Ion Ratio Lower Upper
164 100
166 128.1 105.0 157.4
129 90.0 75.1 112.7
131 88.2 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

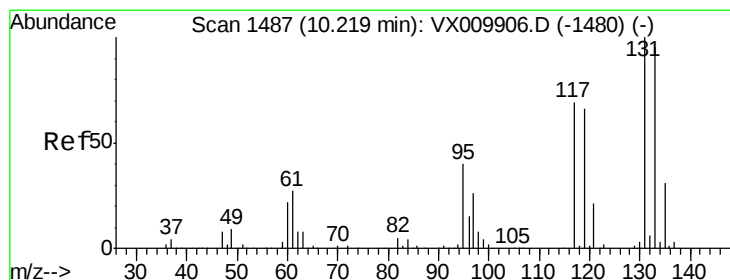
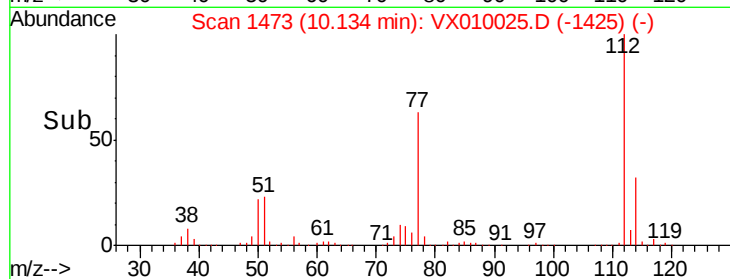
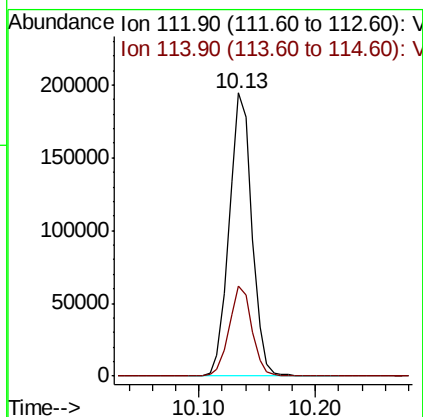
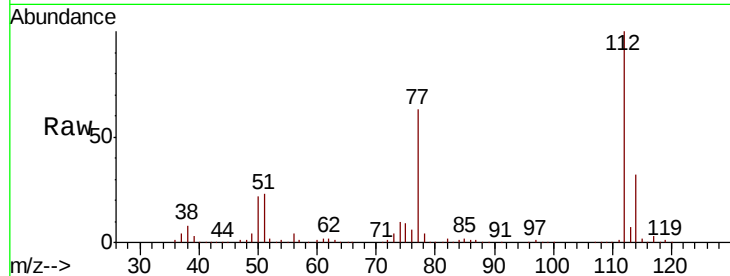




#65
Chlorobenzene
Concen: 52.289 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

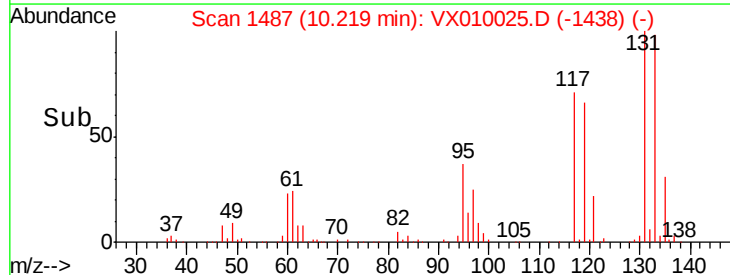
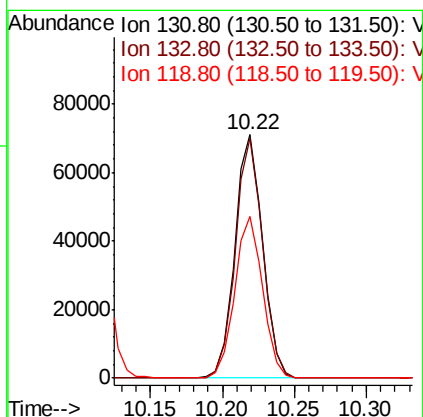
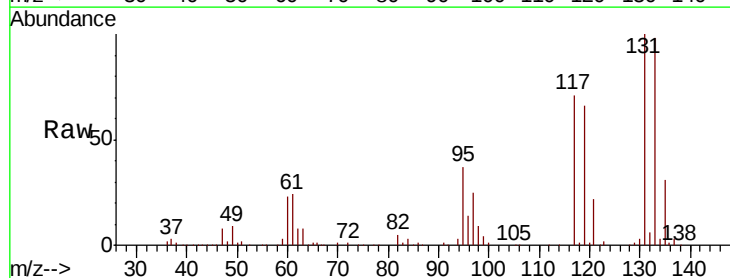
Instrument :
MSVOA_X
ClientSampleId :

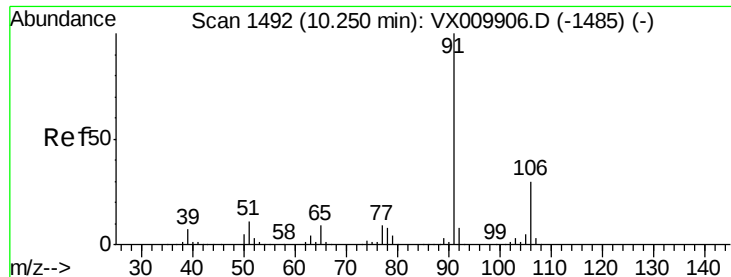
Tot Ion:112 Resp: 264414
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.383 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion:131 Resp: 95381
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.6
119 66.9 33.4 100.1

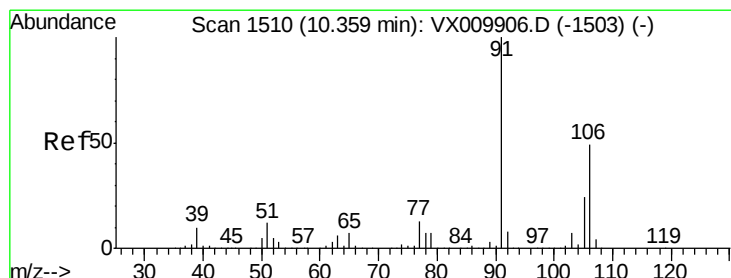
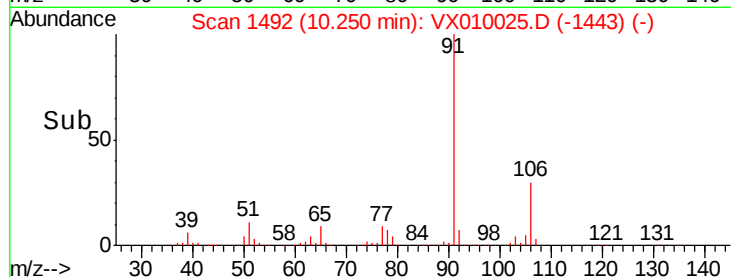
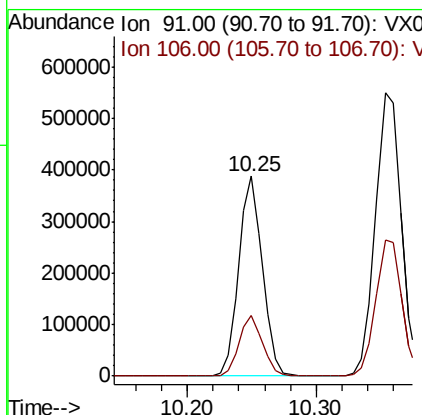
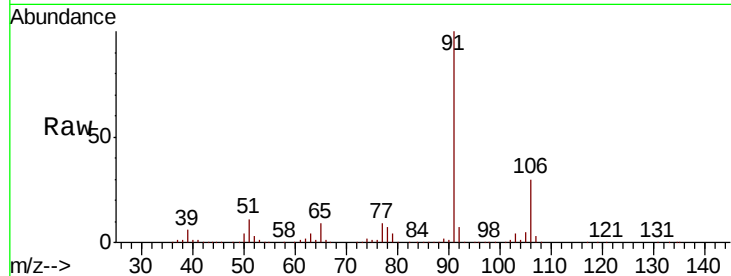




#67
Ethyl Benzene
Concen: 54.472 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

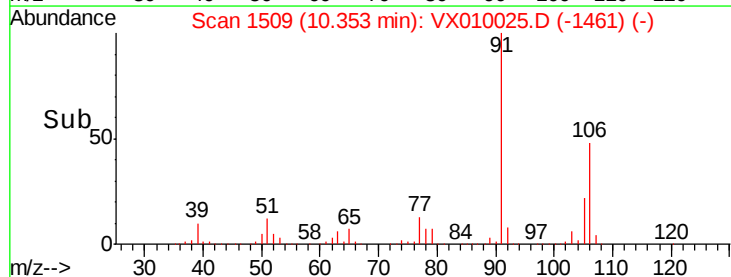
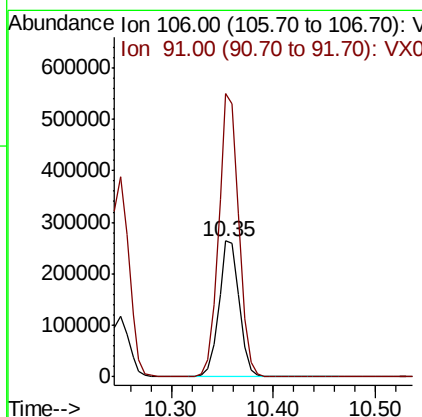
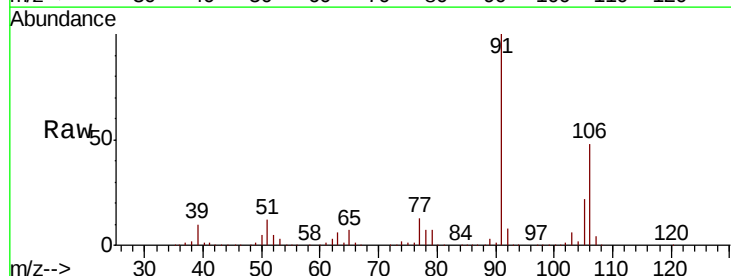
Instrument :
MSVOA_X
ClientSampleId :

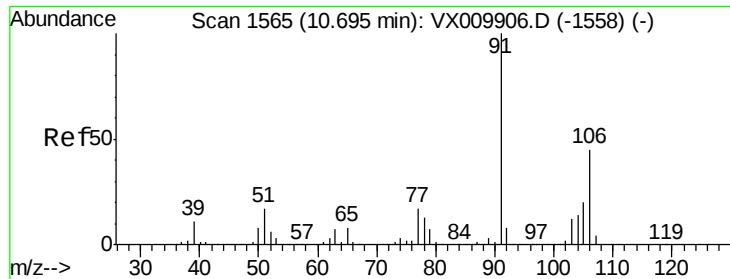
Tot Ion: 91 Resp: 494575
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9



#68
m/p-Xylenes
Concen: 109.381 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 106 Resp: 366895
Ion Ratio Lower Upper
106 100
91 206.3 167.3 250.9

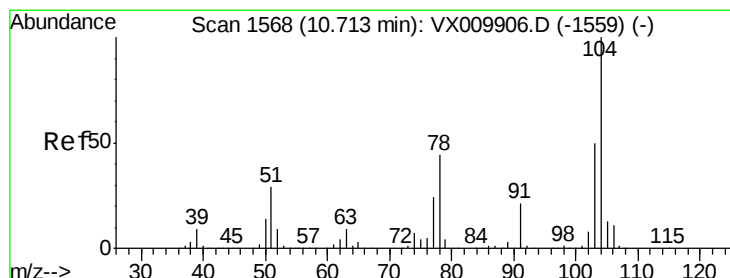
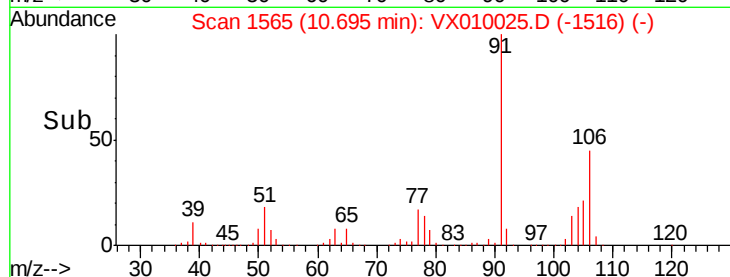
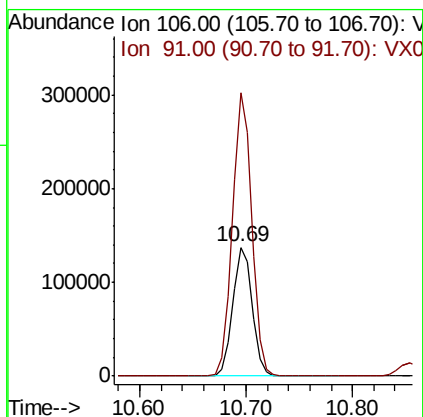
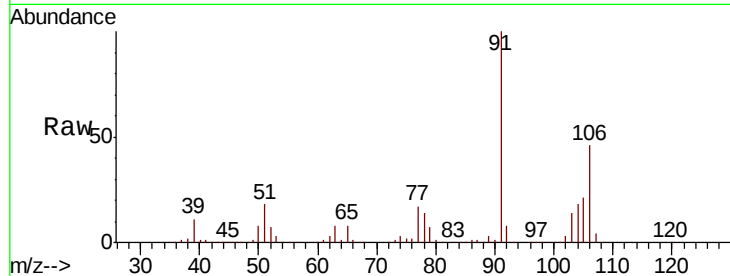




#69
o-Xylene
Concen: 55.016 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

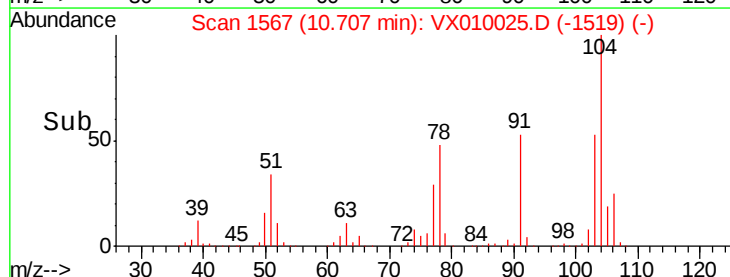
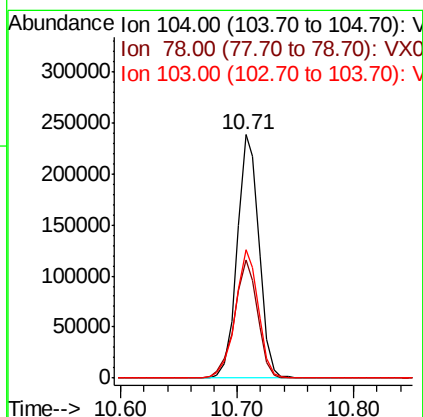
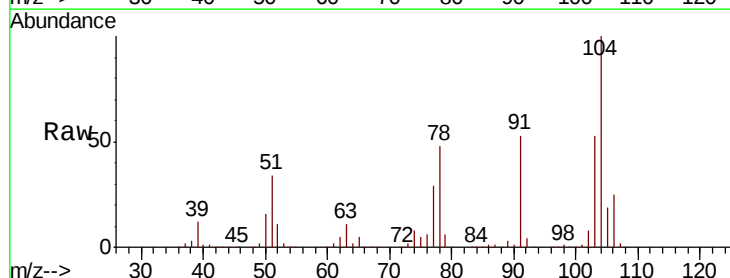
Instrument :
MSVOA_X
ClientSampleId :

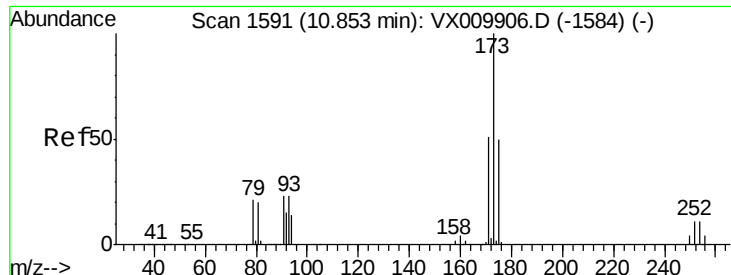
Tot Ion:106 Resp: 176982
Ion Ratio Lower Upper
106 100
91 217.7 110.4 331.2



#70
Styrene
Concen: 54.962 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion:104 Resp: 310035
Ion Ratio Lower Upper
104 100
78 51.6 42.1 63.1
103 55.5 44.1 66.1





#71

Bromoform

Concen: 58.410 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

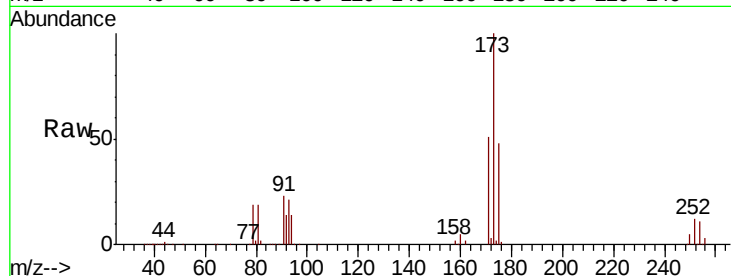
Tot Ion:173 Resp: 83739

Ion Ratio Lower Upper

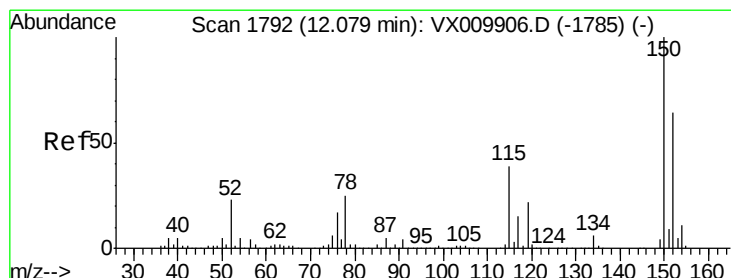
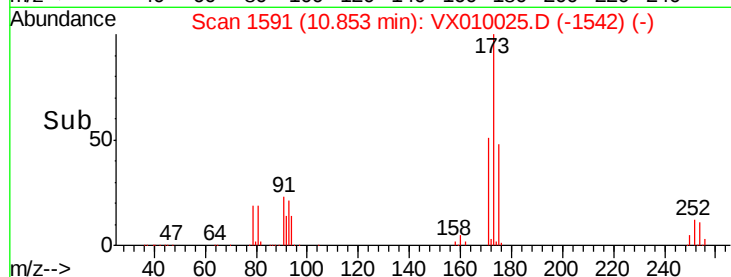
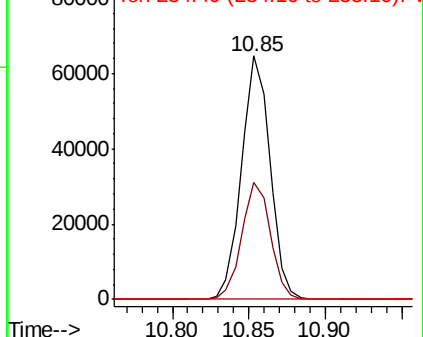
173 100

175 48.3 25.0 75.0

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

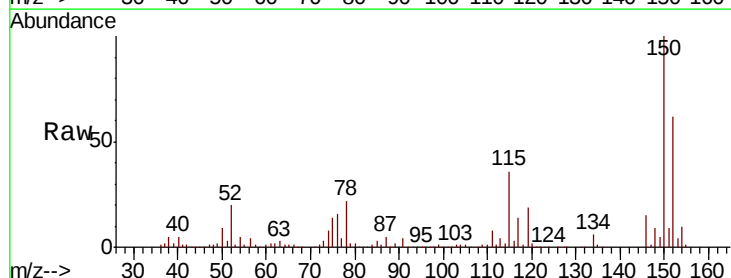
Tgt Ion:152 Resp: 123338

Ion Ratio Lower Upper

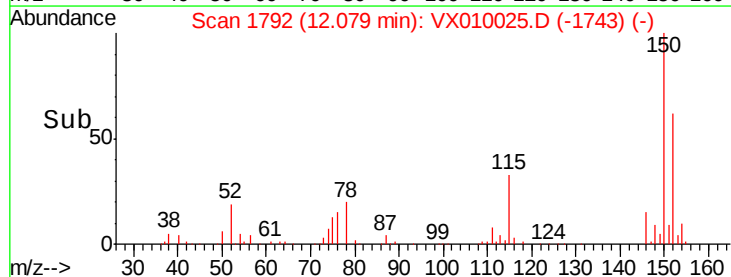
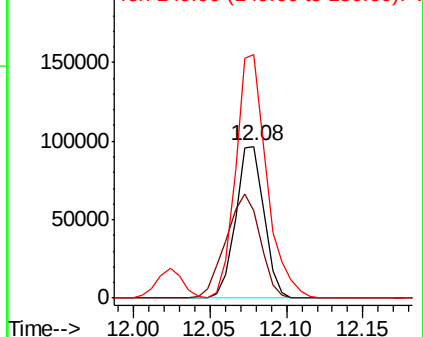
152 100

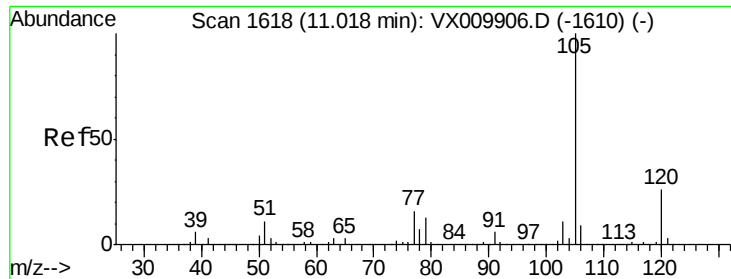
115 83.7 41.4 124.2

150 175.7 0.0 345.2



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





#73

Isopropylbenzene

Concen: 52.384 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

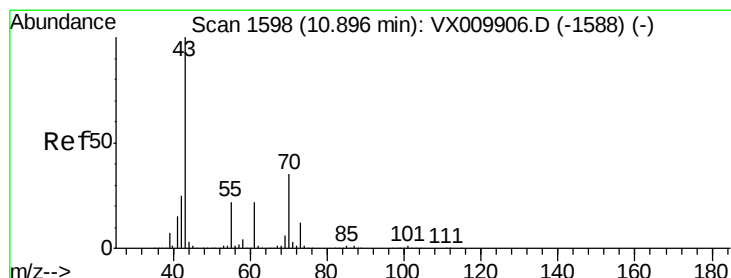
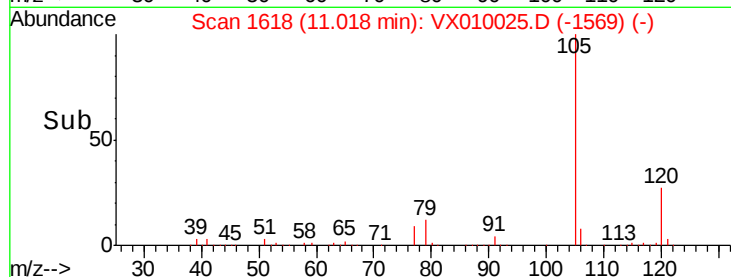
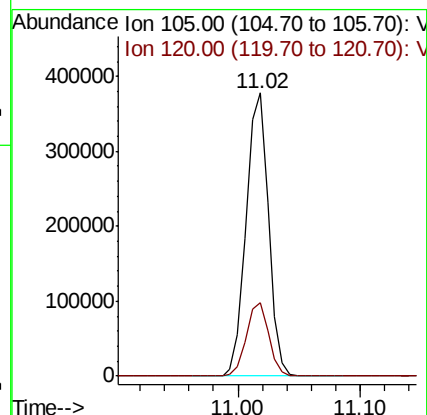
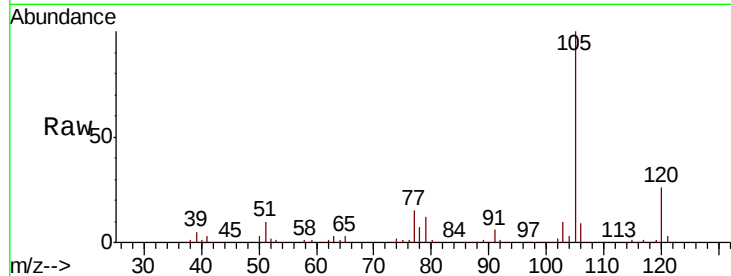
ClientSampleId :

Tot Ion:105 Resp: 476701

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.4



#74

N-ethyl acetate

Concen: 50.495 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Tgt Ion: 43 Resp: 274585

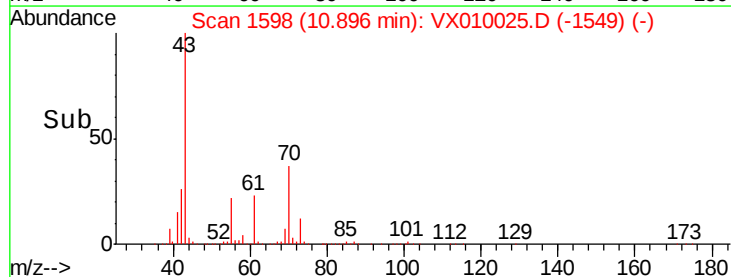
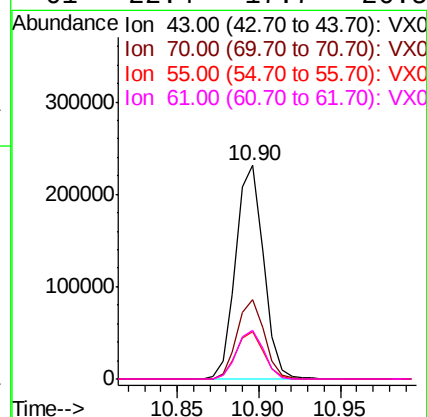
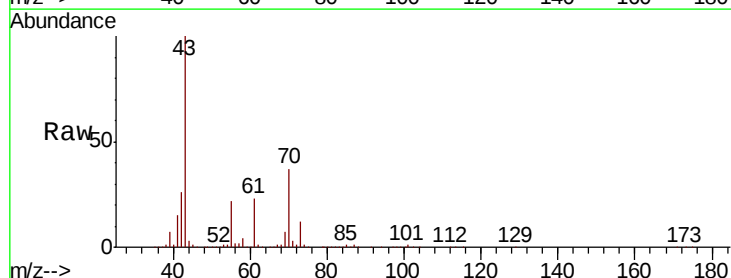
Ion Ratio Lower Upper

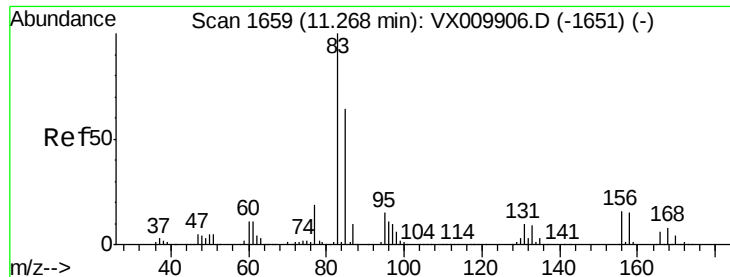
43 100

70 36.5 28.6 43.0

55 22.2 17.8 26.8

61 22.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.090 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

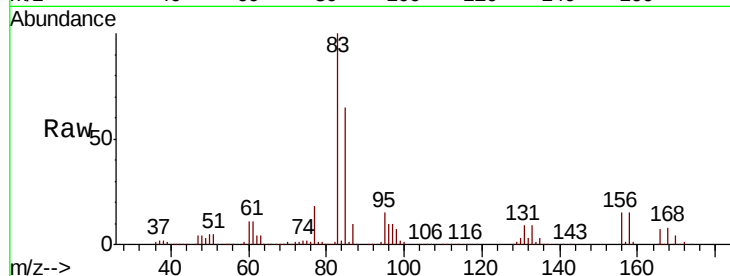
Tot Ion: 83 Resp: 166660

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.1

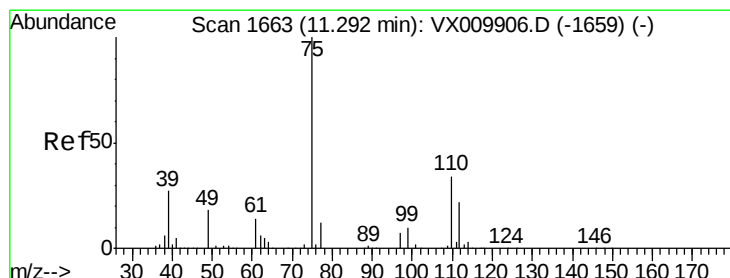
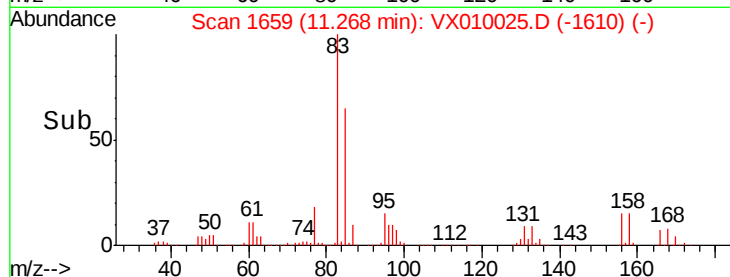
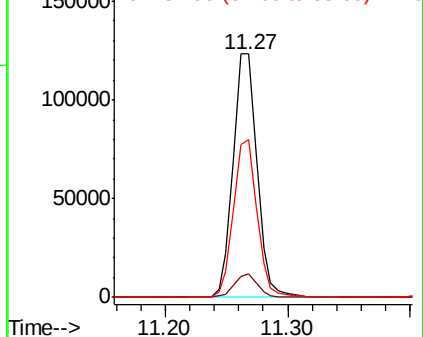
85 63.9 31.9 95.9



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: 68.729 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010025.D

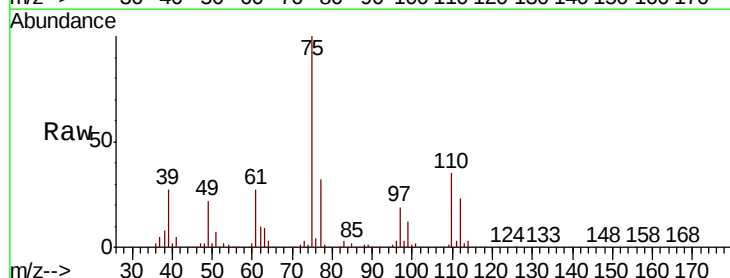
Acq: 03 Jun 2019 10:28

Tgt Ion: 75 Resp: 202709

Ion Ratio Lower Upper

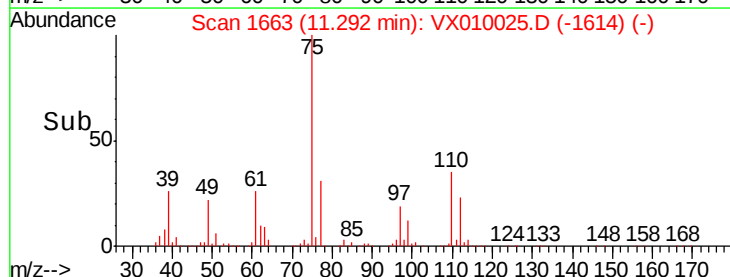
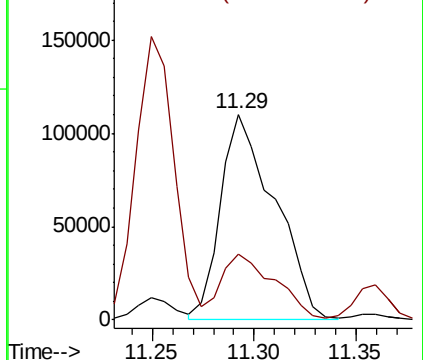
75 100

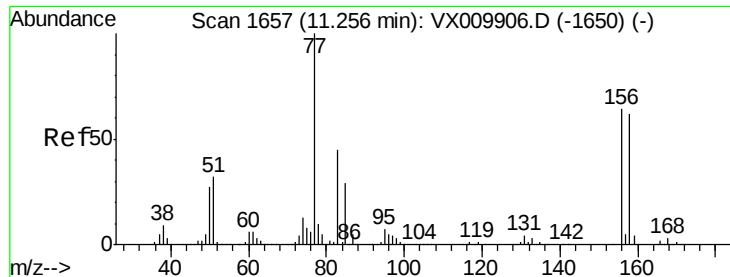
77 32.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.745 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

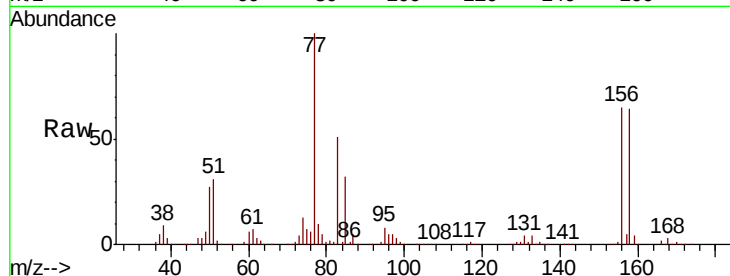
Tot Ion:156 Resp: 120004

Ion Ratio Lower Upper

156 100

77 164.9 86.8 260.3

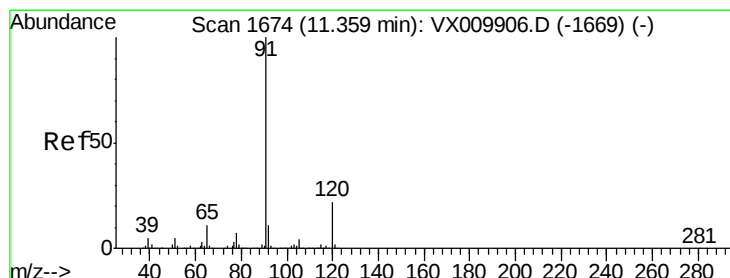
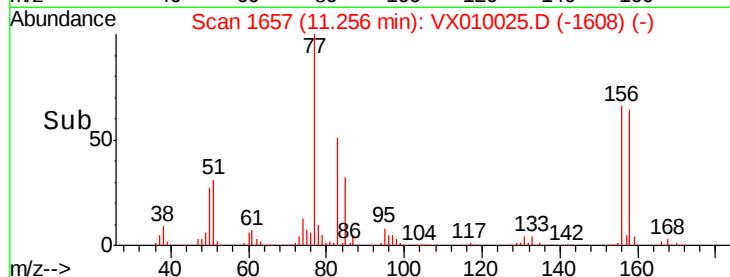
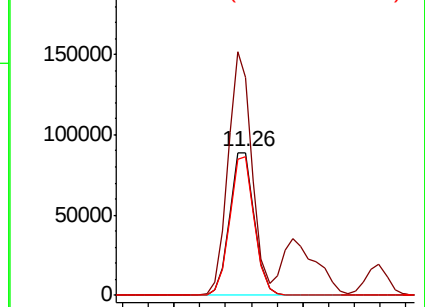
158 96.1 49.6 148.8



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: 53.838 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010025.D

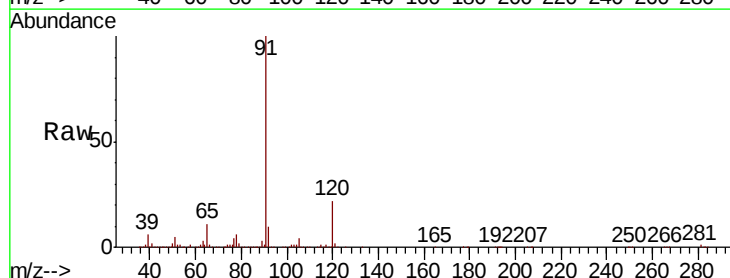
Acq: 03 Jun 2019 10:28

Tgt Ion: 91 Resp: 564723

Ion Ratio Lower Upper

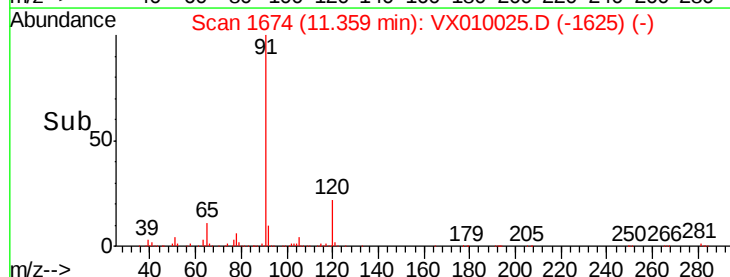
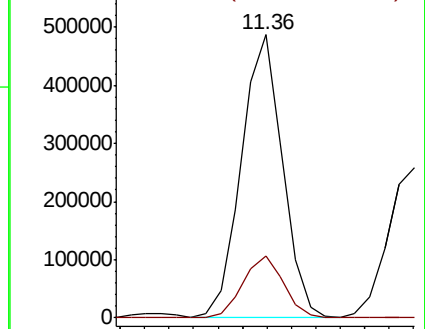
91 100

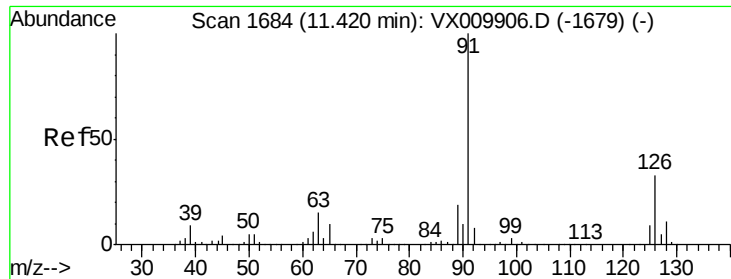
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.957 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

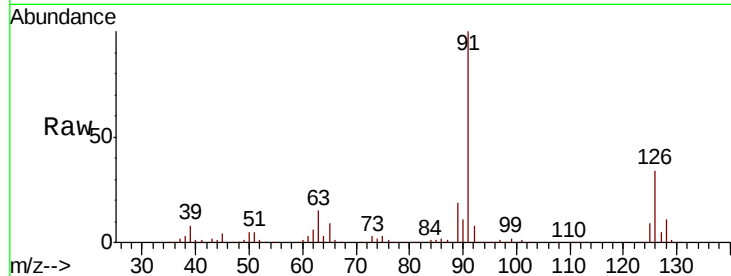
ClientSampled :

Tot Ion: 91 Resp: 326571

Ion Ratio Lower Upper

91 100

126 33.1 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

200000

100000

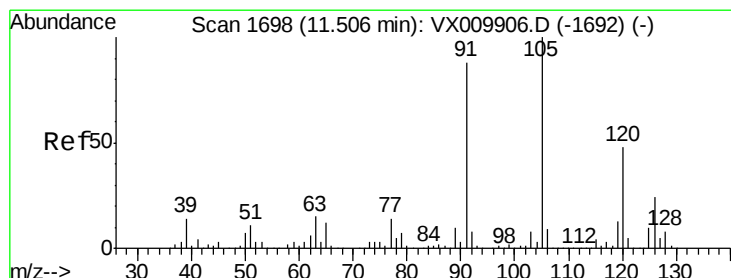
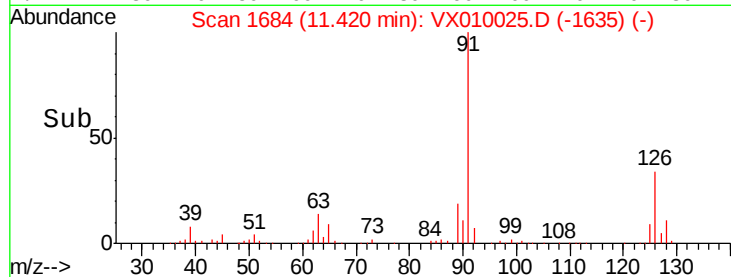
0

11.40

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.152 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010025.D

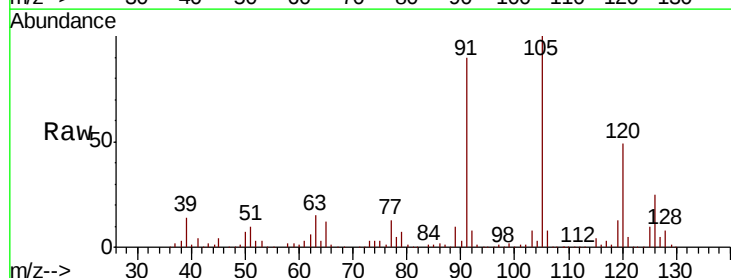
Acq: 03 Jun 2019 10:28

Tgt Ion:105 Resp: 407492

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

100000

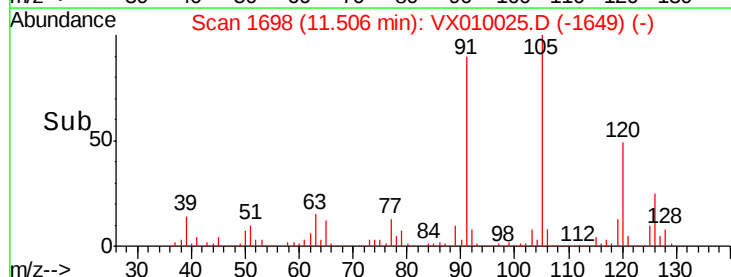
0

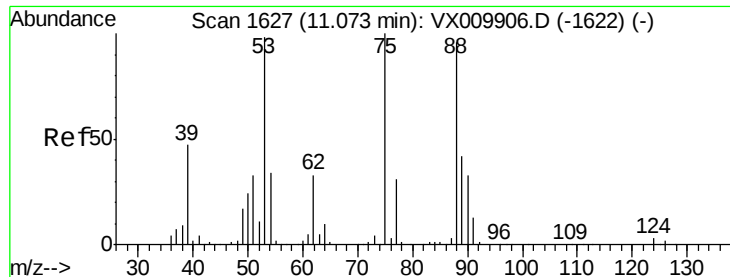
11.45

11.50

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.917 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

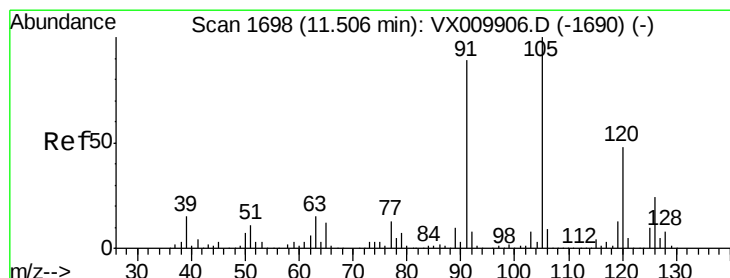
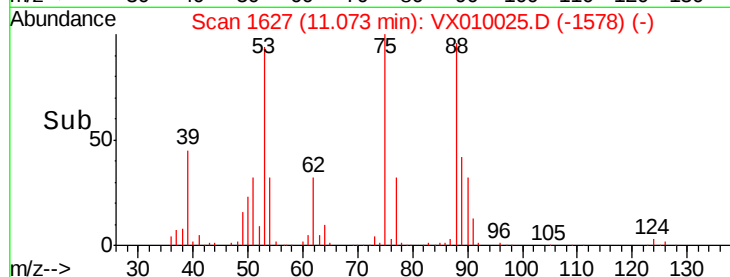
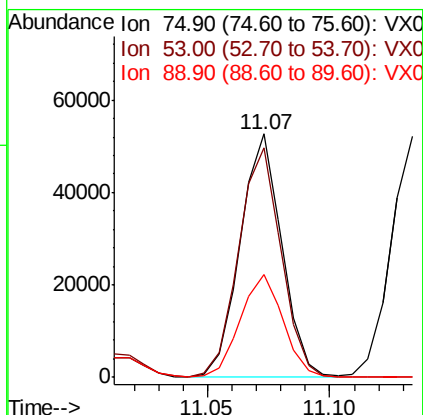
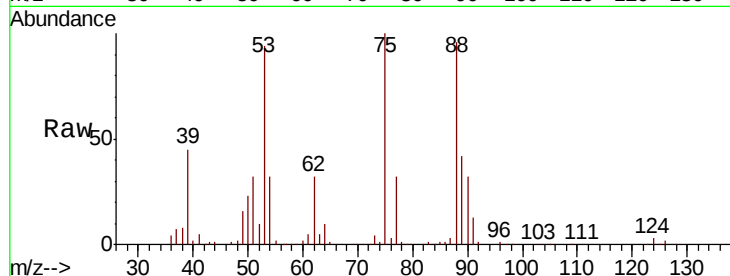
Tot Ion: 75 Resp: 61889

Ion Ratio Lower Upper

75 100

53 96.5 79.8 119.6

89 43.8 34.2 51.4



#82

4-Chlorotoluene

Concen: 51.601 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010025.D

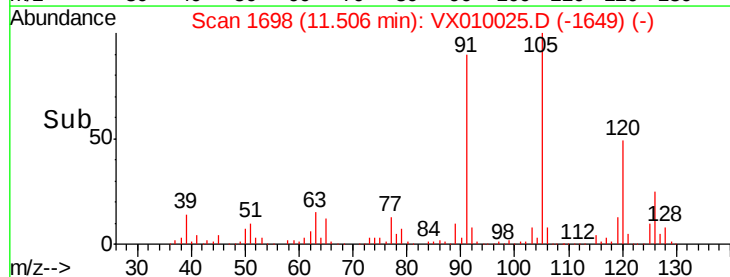
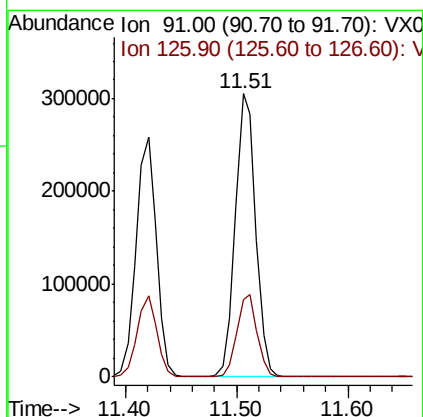
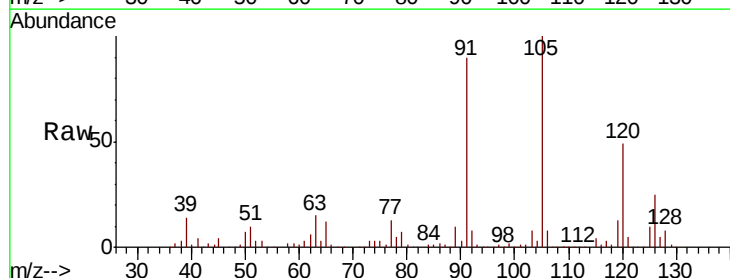
Acq: 03 Jun 2019 10:28

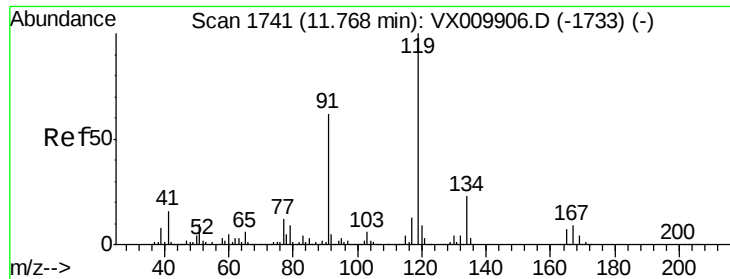
Tgt Ion: 91 Resp: 384966

Ion Ratio Lower Upper

91 100

126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.802 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

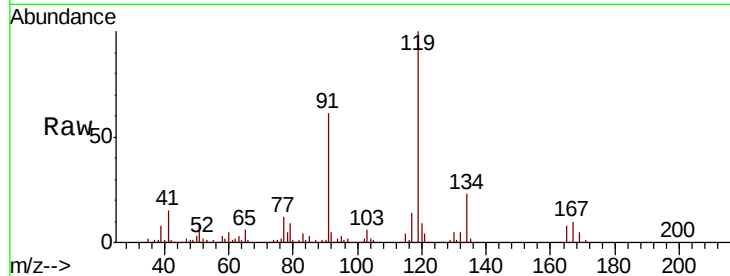
Tot Ion:119 Resp: 394615

Ion Ratio Lower Upper

119 100

91 58.9 30.0 90.0

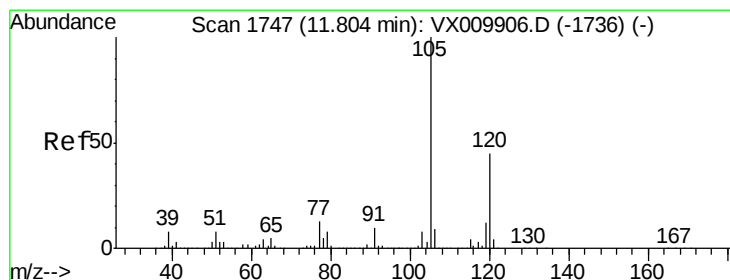
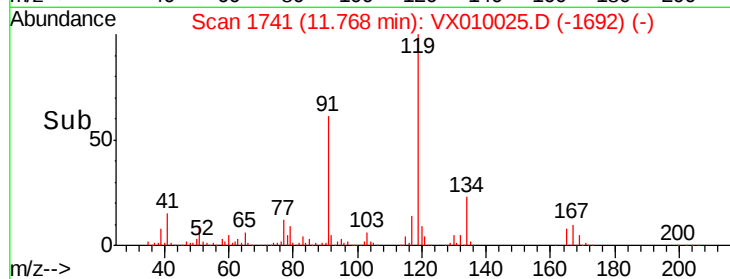
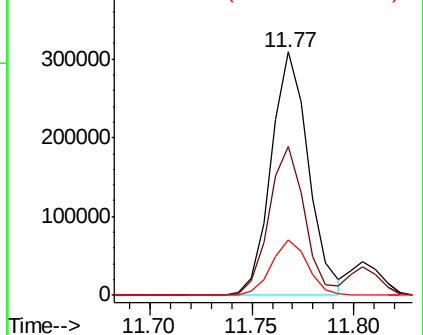
134 22.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.750 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010025.D

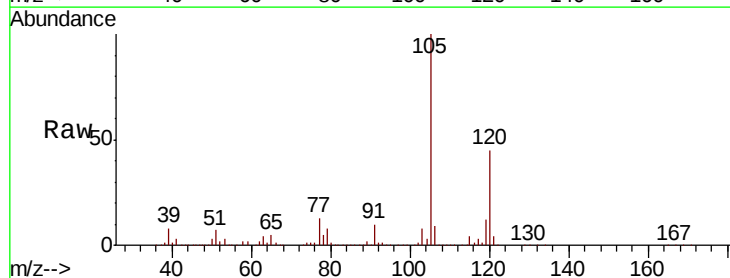
Acq: 03 Jun 2019 10:28

Tgt Ion:105 Resp: 410700

Ion Ratio Lower Upper

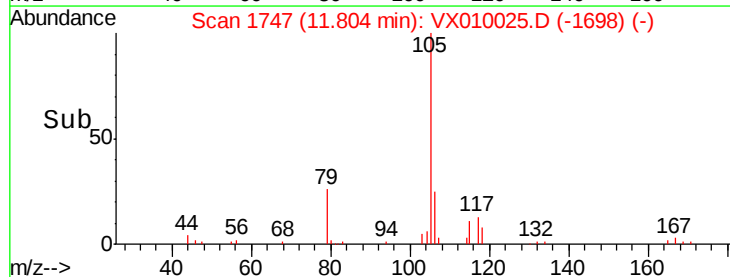
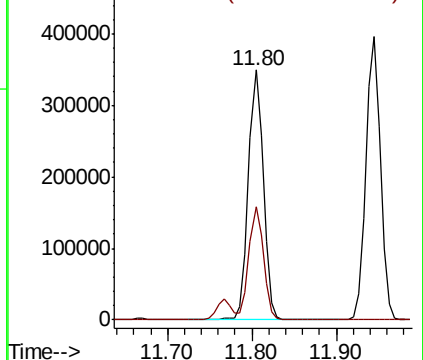
105 100

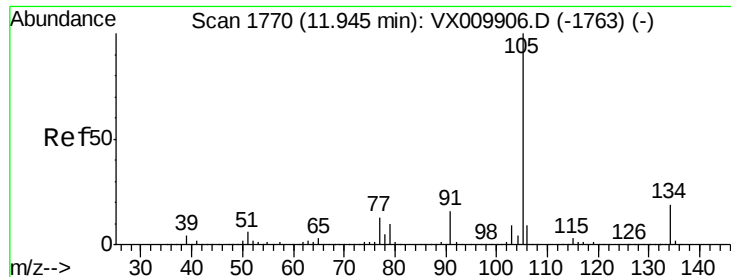
120 44.5 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

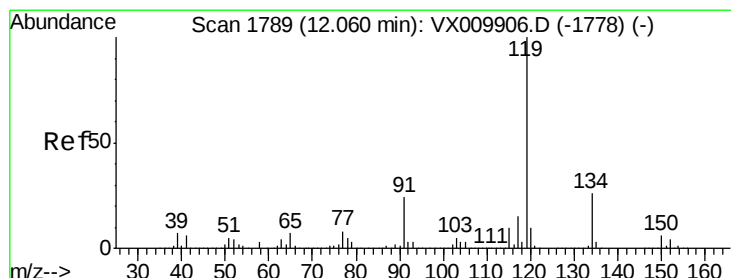
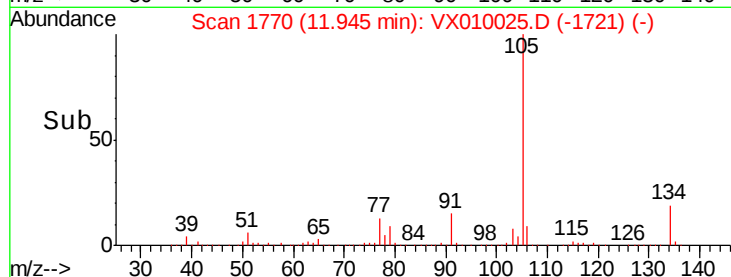
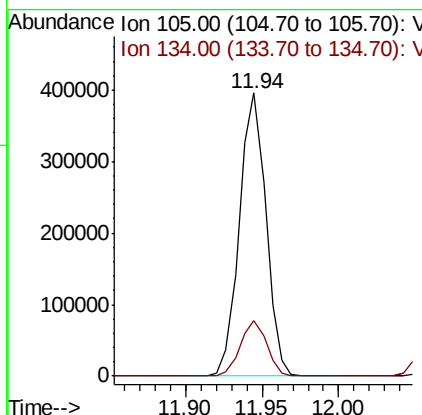
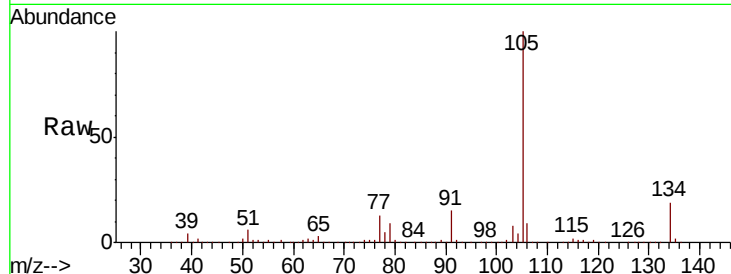




#85
 sec-Butylbenzene
 Concen: 54.645 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

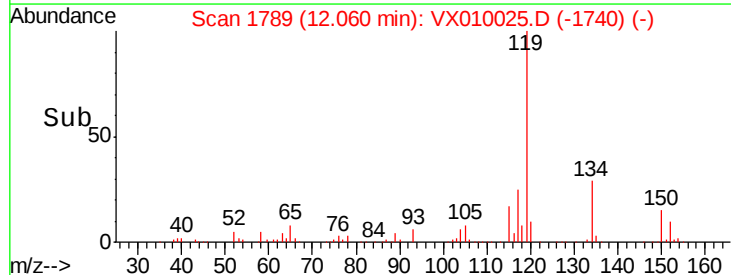
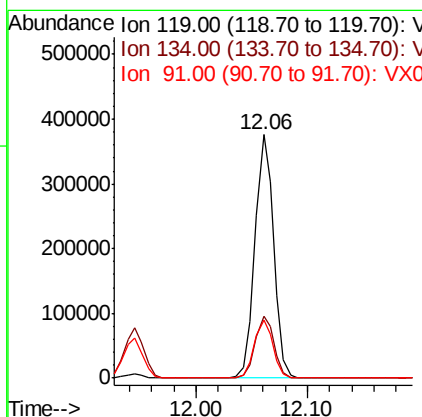
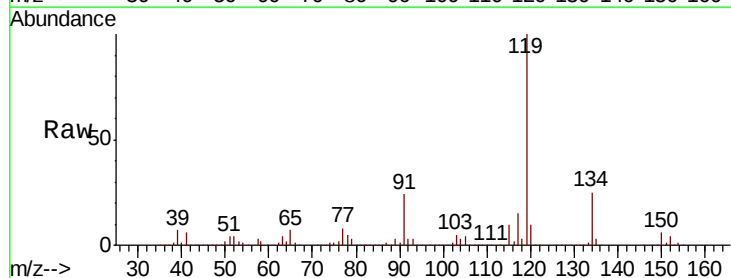
Instrument :
 MSVOA_X
 ClientSampleId :

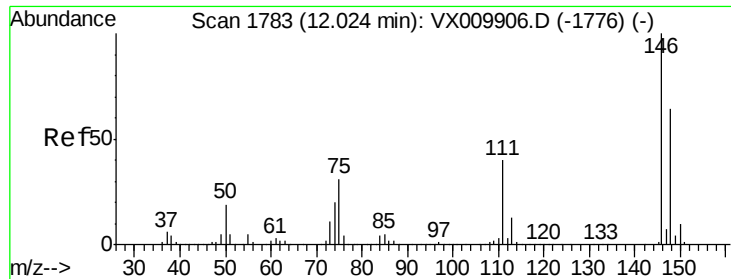
Tot Ion:105 Resp: 476821
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 55.999 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

Tgt Ion:119 Resp: 439517
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.9 11.9 35.9

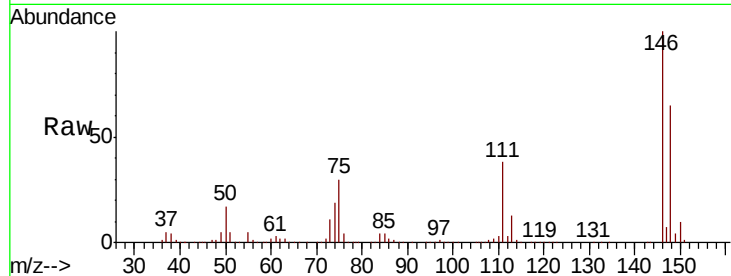




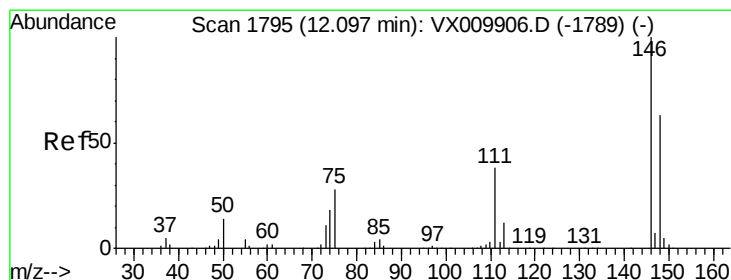
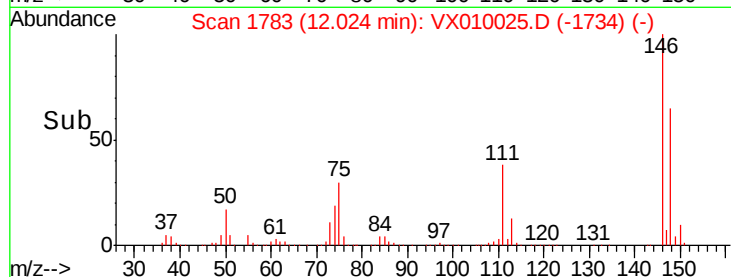
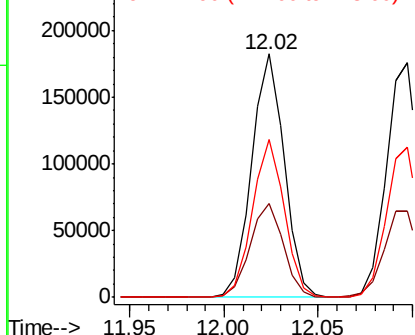
#87
 1,3-Dichlorobenzene
 Concen: 52.870 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 218292
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.1 60.2
 148 63.8 31.9 95.5

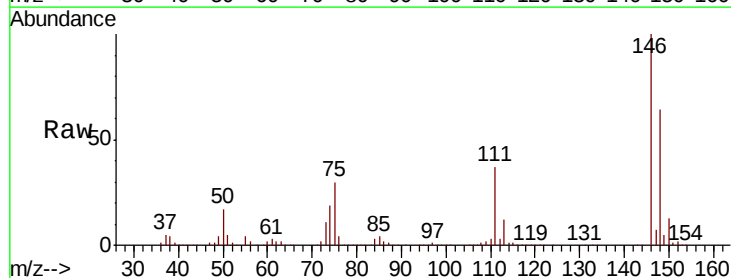


Abundance Ion 145.90 (145.60 to 146.60): V
 250000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

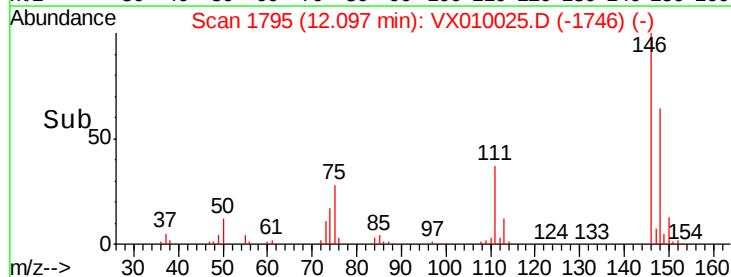
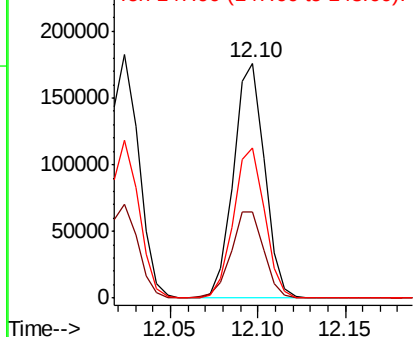


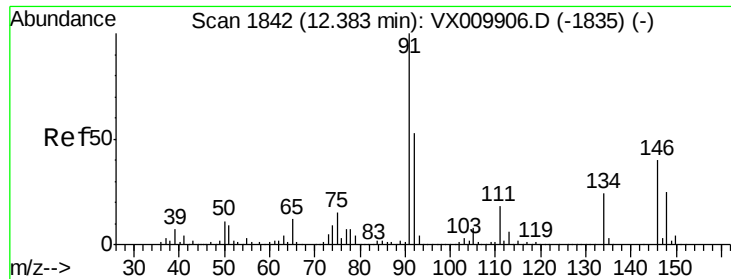
#88
 1,4-Dichlorobenzene
 Concen: 51.588 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

Tgt Ion:146 Resp: 217224
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.0 59.9
 148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
 250000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

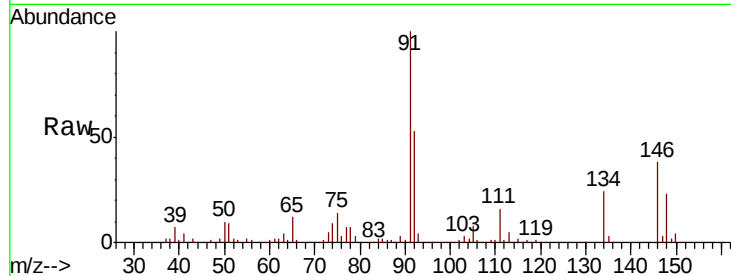




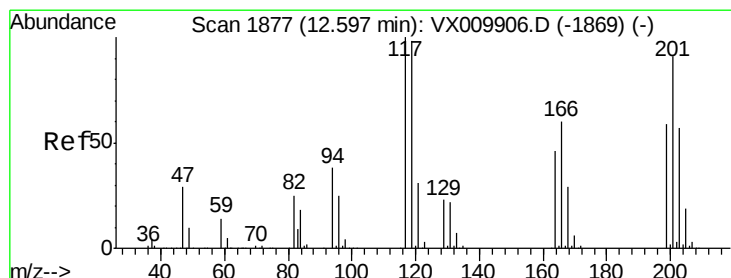
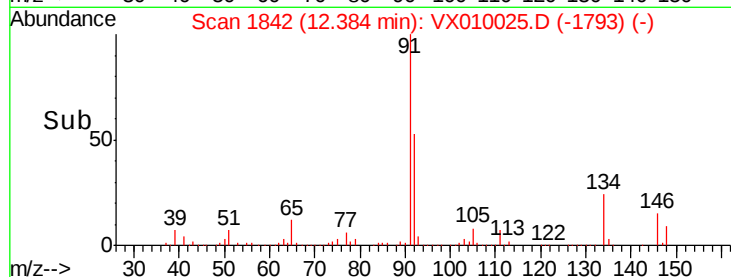
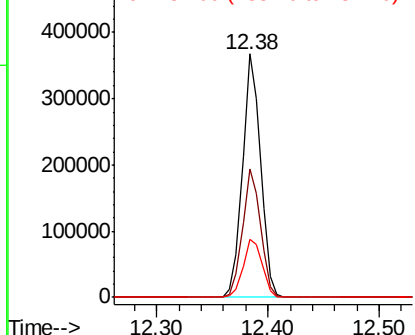
#89
n-Butylbenzene
Concen: 56.202 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 414547
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.8
134 24.8 12.3 36.8

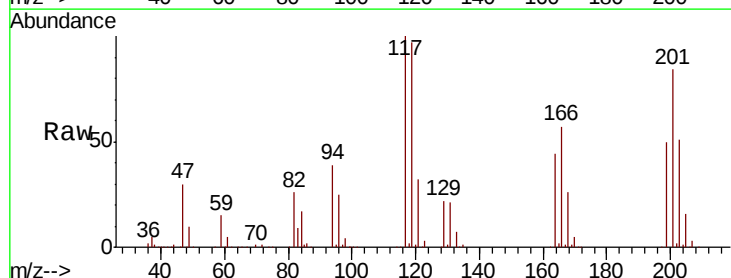


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

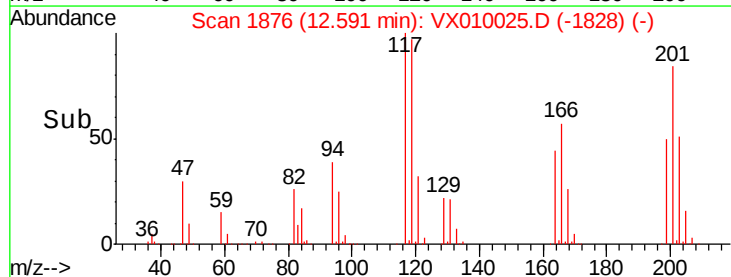
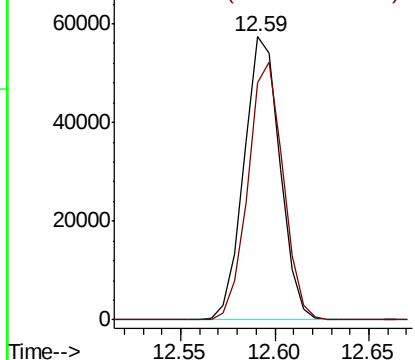


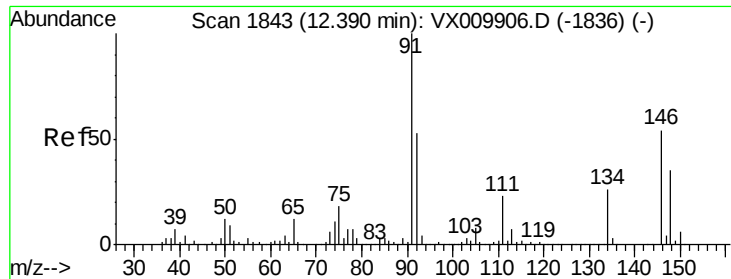
#90
Hexachloroethane
Concen: 56.270 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion: 117 Resp: 75791
Ion Ratio Lower Upper
117 100
201 89.0 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: 52.137 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

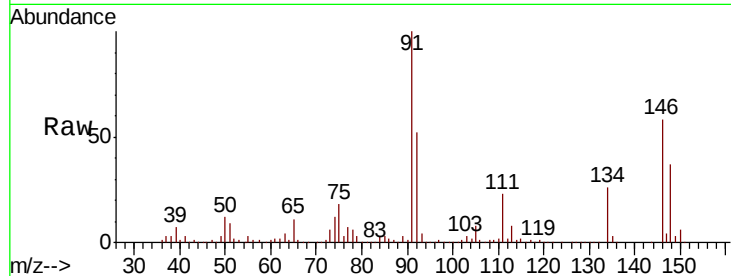
Tot Ion:146 Resp: 212233

Ion Ratio Lower Upper

146 100

111 41.0 21.1 63.1

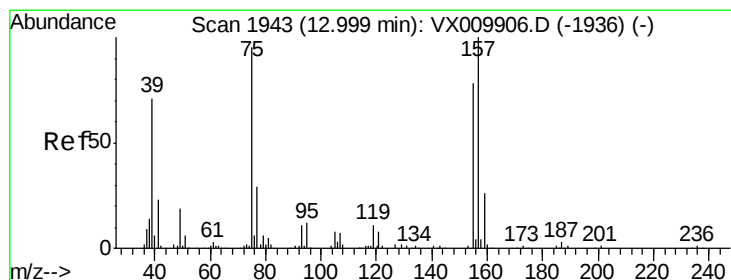
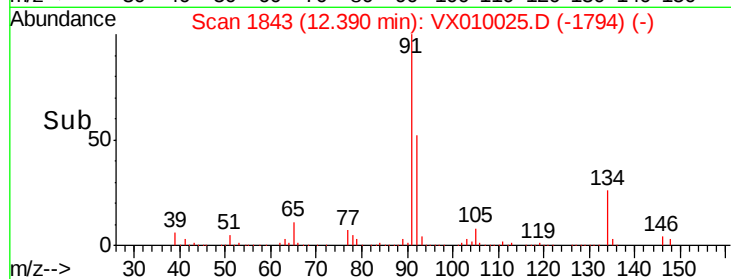
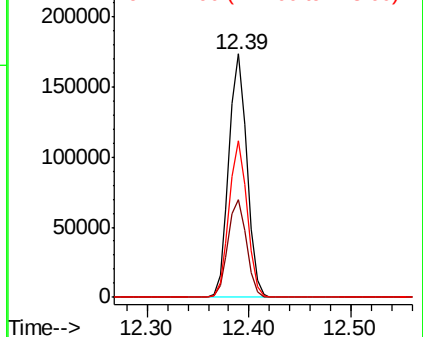
148 64.0 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.217 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010025.D

Acq: 03 Jun 2019 10:28

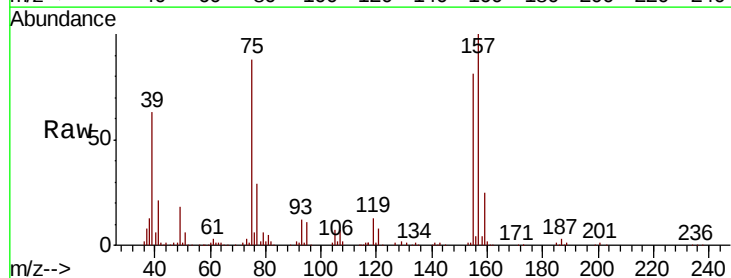
Tgt Ion: 75 Resp: 37733

Ion Ratio Lower Upper

75 100

155 82.8 39.3 117.8

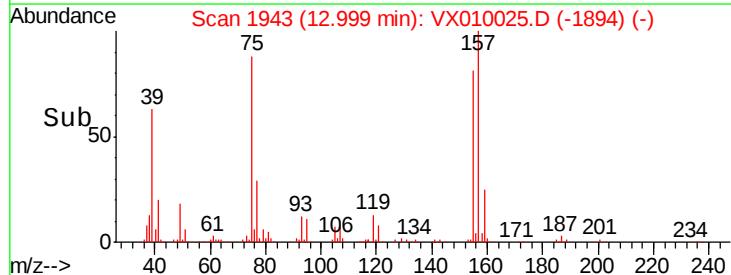
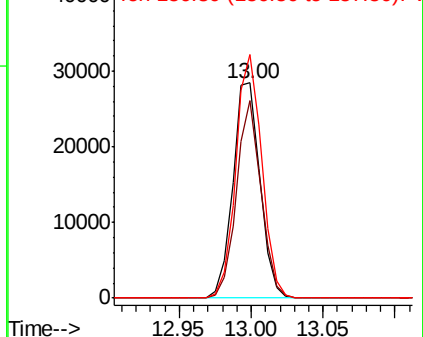
157 107.5 50.6 151.8

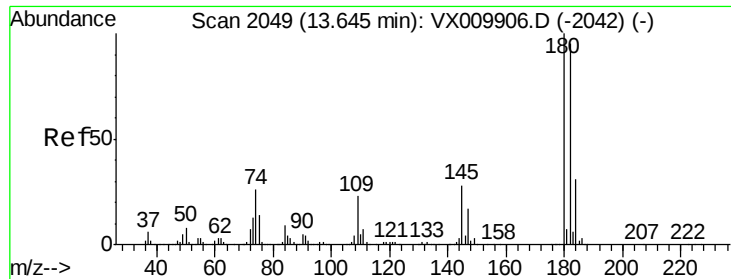


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

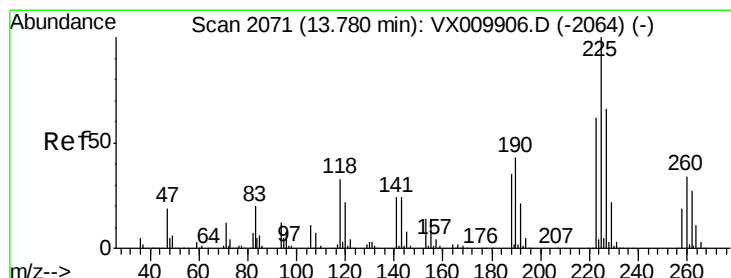
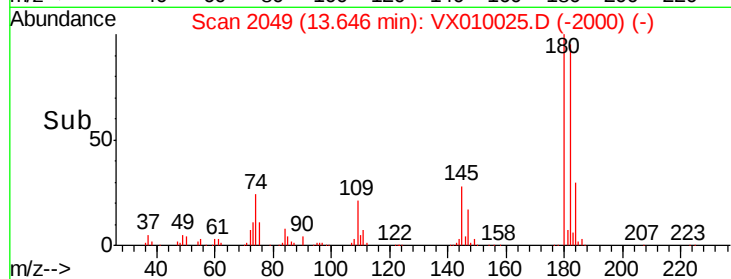
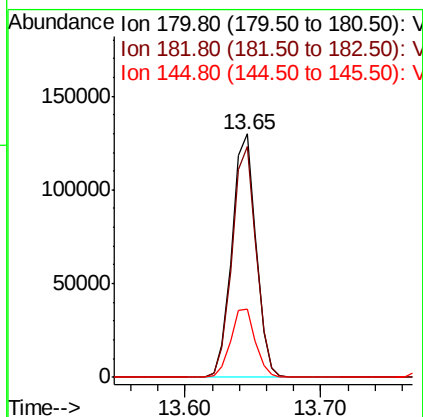
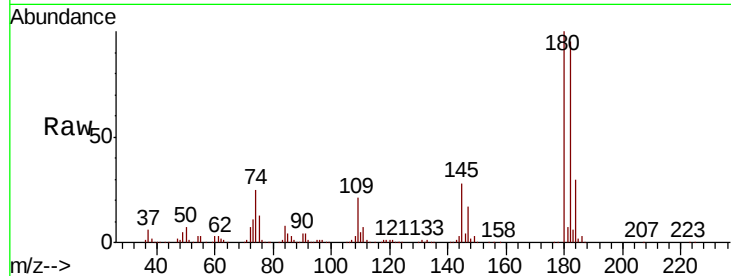




#93
 1,2,4-Trichlorobenzene
 Concen: 54.800 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

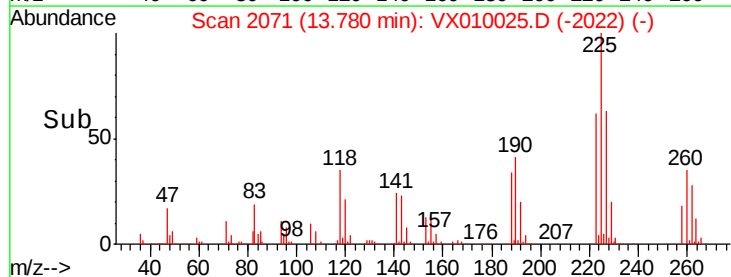
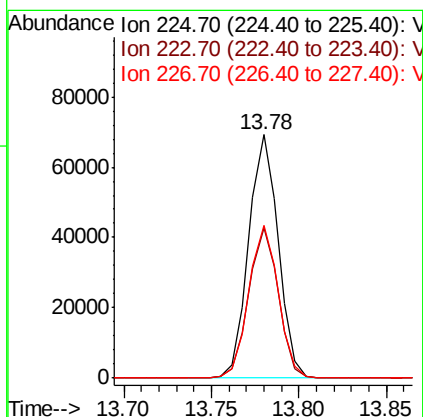
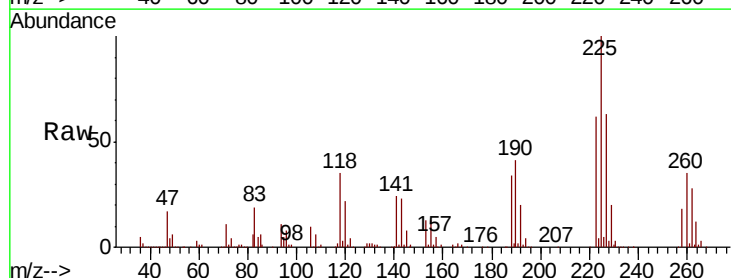
Instrument :
 MSVOA_X
 ClientSampleId :

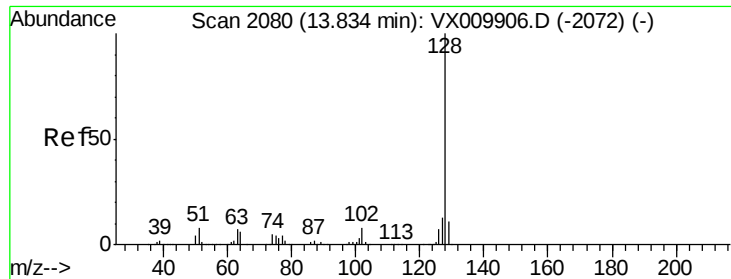
Tot Ion:180 Resp: 159413
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 28.6 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 55.988 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010025.D
 Acq: 03 Jun 2019 10:28

Tgt Ion:225 Resp: 81692
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.3 93.8
 227 62.6 32.3 96.8

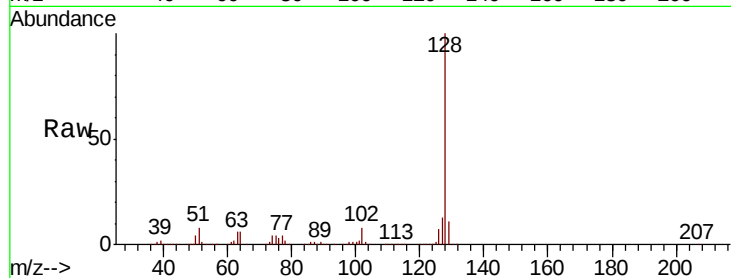




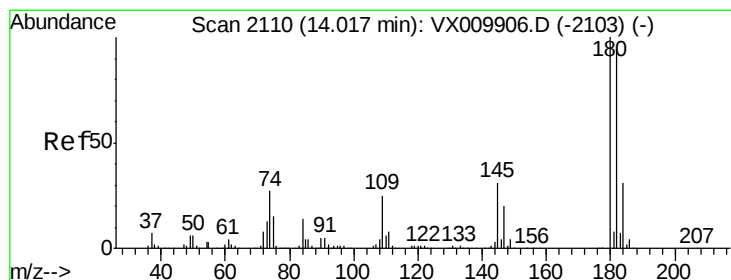
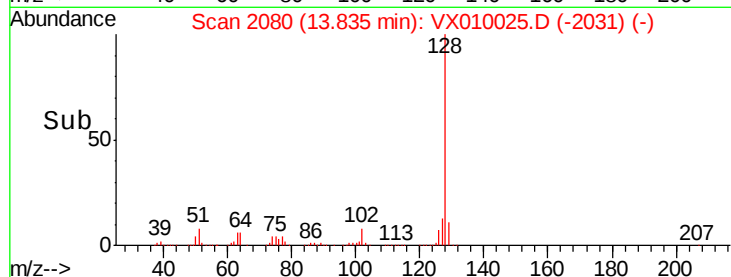
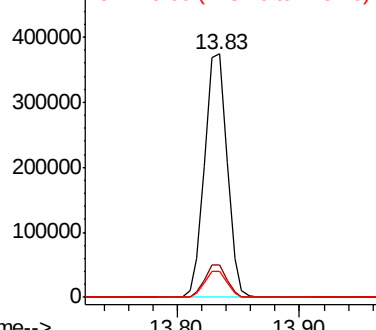
#95
Naphthalene
Concen: 52.549 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 475713
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.8 13.2

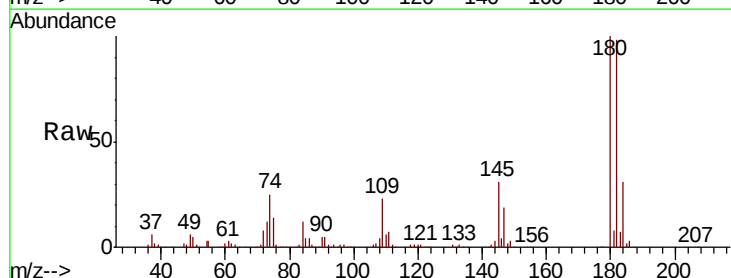


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.823 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010025.D
Acq: 03 Jun 2019 10:28

Tgt Ion:180 Resp: 153813
Ion Ratio Lower Upper
180 100
182 96.7 47.3 142.0
145 31.2 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

