

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009422.D
 Acq On : 09 May 2019 13:04
 Operator : JC/SP
 Sample : VX0509WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:05:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	160188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116828	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	5.50	113	86576	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
50) Toluene-d8	8.71	98	350483	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	11.13	95	126637	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31273	21.185	ug/l	96
3) Chloromethane	1.32	50	45343	22.499	ug/l	99
4) Vinyl Chloride	1.40	62	44634	22.712	ug/l	98
5) Bromomethane	1.64	94	25785	21.860	ug/l	98
6) Chloroethane	1.72	64	29435	23.329	ug/l	98
7) Trichlorofluoromethane	1.93	101	55516	23.240	ug/l	100
8) Diethyl Ether	2.19	74	25953	22.936	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34855	23.235	ug/l	99
10) Methyl Iodide	2.51	142	36750	23.742	ug/l	99
11) Tert butyl alcohol	3.04	59	55860	110.356	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34861	23.194	ug/l	98
13) Acrolein	2.29	56	52275	114.035	ug/l	100
14) Allyl chloride	2.73	41	81609	22.280	ug/l	100
15) Acrylonitrile	3.14	53	138602	111.988	ug/l	100
16) Acetone	2.44	43	129252	110.076	ug/l	99
17) Carbon Disulfide	2.57	76	100280	23.764	ug/l	100
18) Methyl Acetate	2.77	43	57994	20.768	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	132573	22.714	ug/l	100
20) Methylene Chloride	2.85	84	42948	22.590	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	38112	23.381	ug/l	100
22) Diisopropyl ether	3.85	45	159798	22.685	ug/l	94
23) Vinyl Acetate	3.81	43	714118	118.389	ug/l	100
24) 1,1-Dichloroethane	3.70	63	77847	22.402	ug/l	99
25) 2-Butanone	4.67	43	206883	113.381	ug/l	97
26) 2,2-Dichloropropane	4.58	77	56279	21.758	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	44049	22.640	ug/l	100
28) Bromochloromethane	5.01	49	30158	19.910	ug/l	99
29) Tetrahydrofuran	5.13	42	135279	115.212	ug/l	99
30) Chloroform	5.21	83	72797	23.162	ug/l	96
31) Cyclohexane	5.58	56	76519	23.668	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	59670	22.807	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54649	22.969	ug/l	99
37) Ethyl Acetate	4.83	43	76668	23.128	ug/l	99
38) Carbon Tetrachloride	5.79	117	49518	22.907	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009422.D
 Acq On : 09 May 2019 13:04
 Operator : JC/SP
 Sample : VX0509WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:05:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68902	23.581	ug/l	99
40) Benzene	6.14	78	172191	23.385	ug/l	100
41) Methacrylonitrile	5.04	41	43318	21.952	ug/l	99
42) 1,2-Dichloroethane	6.19	62	61771	23.386	ug/l	100
43) Isopropyl Acetate	6.45	43	119502	22.537	ug/l	100
44) Trichloroethene	7.21	130	40714	22.872	ug/l	99
45) 1,2-Dichloropropane	7.51	63	48139	23.088	ug/l	97
46) Dibromomethane	7.66	93	27237	22.496	ug/l	97
47) Bromodichloromethane	7.90	83	54829	22.702	ug/l	97
48) Methyl methacrylate	7.77	41	60239	22.899	ug/l	99
49) 1,4-Dioxane	7.74	88	23974	449.373	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	398746	115.051	ug/l	100
52) Toluene	8.78	92	104353	23.314	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61049	22.389	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	68671	22.753	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	42195	23.107	ug/l	100
56) Ethyl methacrylate	9.18	69	74179	22.757	ug/l	100
57) 1,3-Dichloropropane	9.37	76	73584	22.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170410	98.547	ug/l	100
59) 2-Hexanone	9.49	43	307348	112.913	ug/l	100
60) Dibromochloromethane	9.58	129	40797	22.875	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42633	23.129	ug/l	99
64) Tetrachloroethene	9.34	164	37249	23.717	ug/l	98
65) Chlorobenzene	10.13	112	107170	23.399	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38656	23.280	ug/l	99
67) Ethyl Benzene	10.25	91	198630	23.564	ug/l	98
68) m/p-Xylenes	10.36	106	144657	46.962	ug/l	99
69) o-Xylene	10.69	106	70983	23.356	ug/l	99
70) Styrene	10.71	104	122794	23.246	ug/l	100
71) Bromoform	10.85	173	30668	22.727	ug/l #	98
73) Isopropylbenzene	11.02	105	188838	23.305	ug/l	99
74) N-amyl acetate	10.90	43	107058	22.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68858	22.796	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77919	30.146	ug/l	83
77) Bromobenzene	11.26	156	47325	23.531	ug/l	96
78) n-propylbenzene	11.36	91	216132	23.356	ug/l	99
79) 2-Chlorotoluene	11.42	91	128840	22.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160282	23.493	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21711	21.492	ug/l	94
82) 4-Chlorotoluene	11.51	91	147004	22.792	ug/l	100
83) tert-Butylbenzene	11.77	119	153829	23.178	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	161507	23.584	ug/l	99
85) sec-Butylbenzene	11.94	105	181310	23.042	ug/l	99
86) p-Isopropyltoluene	12.06	119	166147	23.487	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81353	22.691	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80551	22.285	ug/l	98
89) n-Butylbenzene	12.38	91	145126	22.699	ug/l	100
90) Hexachloroethane	12.60	117	27157	22.534	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	83488	22.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15684	23.146	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009422.D
Acq On : 09 May 2019 13:04
Operator : JC/SP
Sample : VX0509WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 10 07:05:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

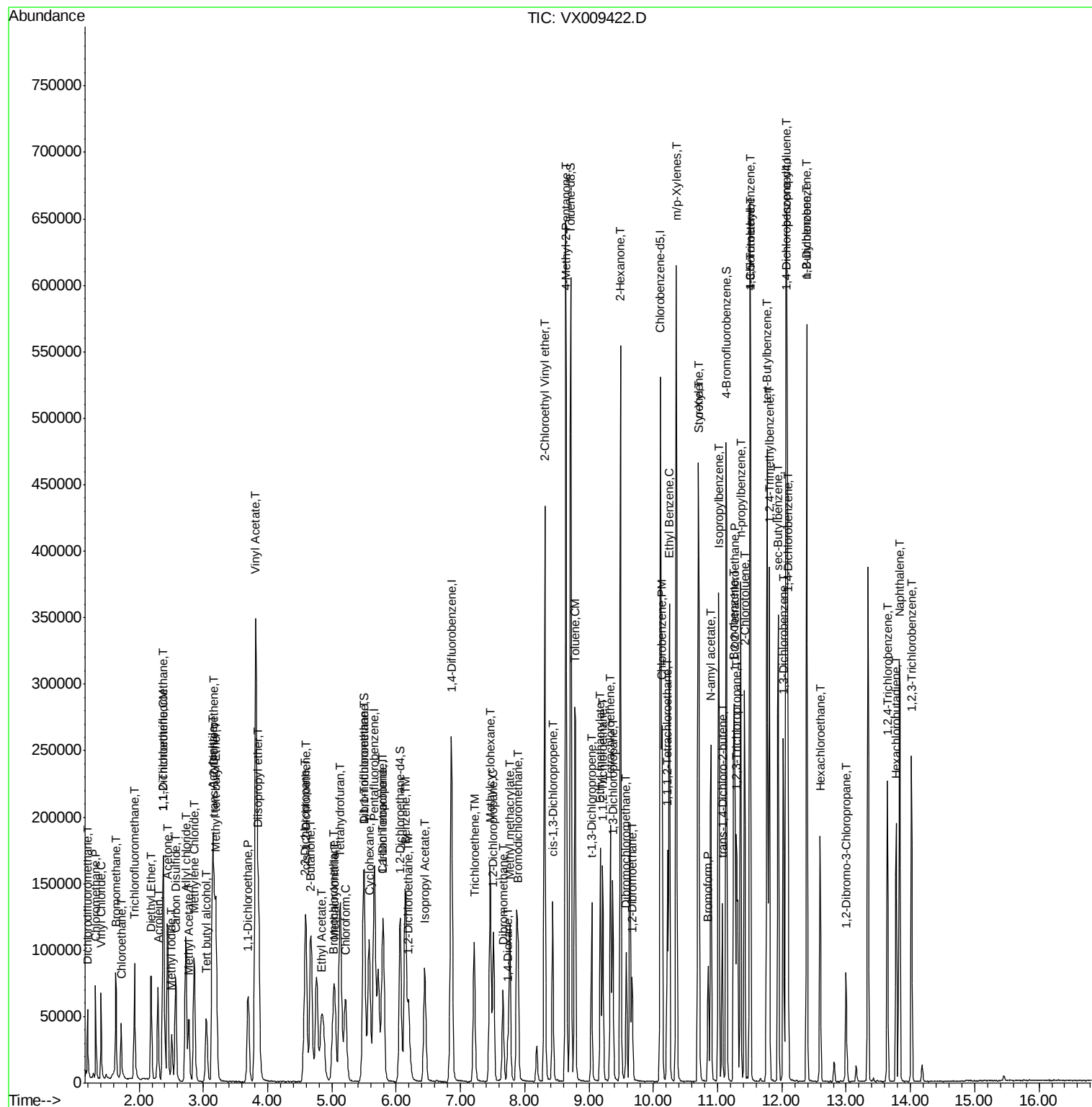
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56968	22.813	ug/l	100
94) Hexachlorobutadiene	13.78	225	28708	22.512	ug/l	96
95) Naphthalene	13.83	128	189471	23.321	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	59269	23.414	ug/l	98

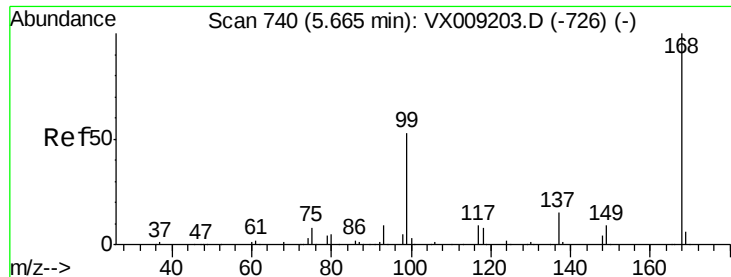
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009422.D
 Acq On : 09 May 2019 13:04
 Operator : JC/SP
 Sample : VX0509WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:05:49 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

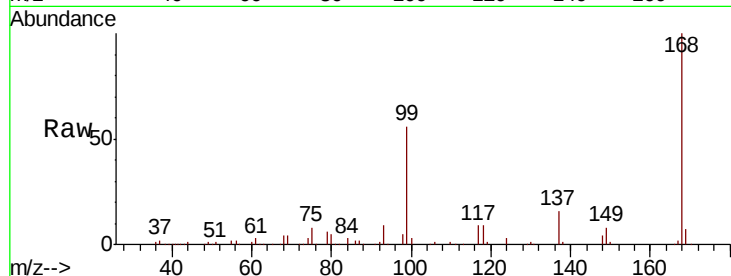
ClientSampleId :

Tot Ion:168 Resp: 160188

Ion Ratio Lower Upper

168 100

99 55.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

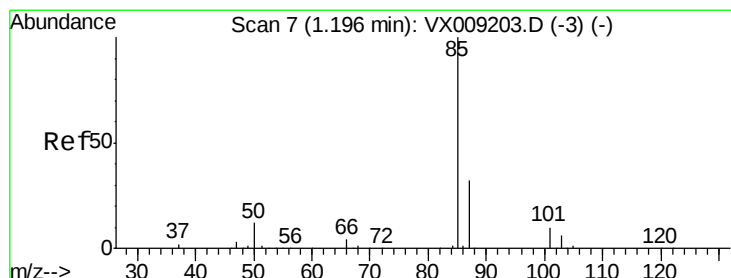
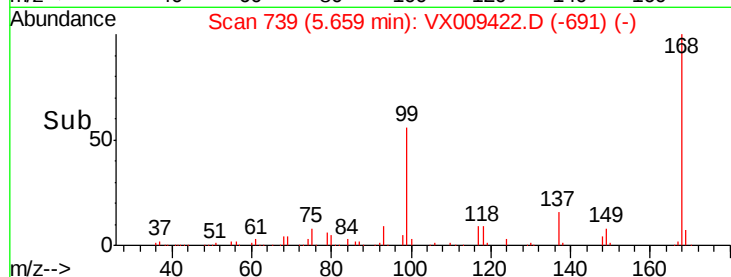
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.185 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009422.D

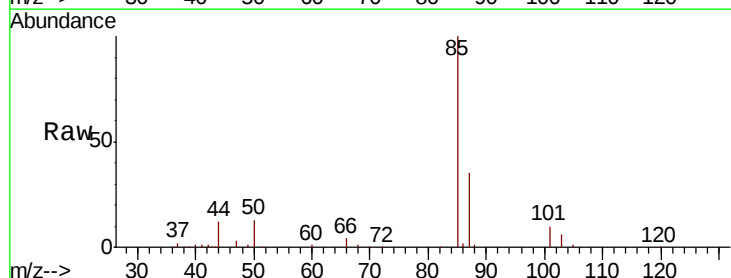
Acq: 09 May 2019 13:04

Tgt Ion: 85 Resp: 31273

Ion Ratio Lower Upper

85 100

87 34.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

15000

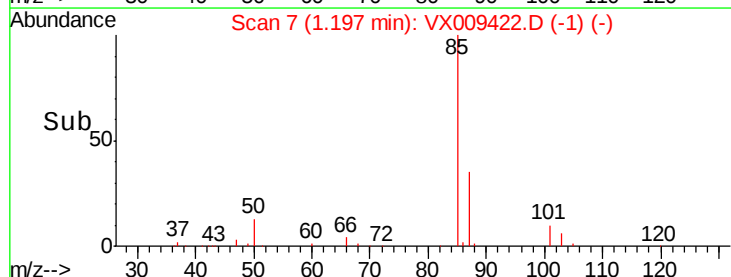
10000

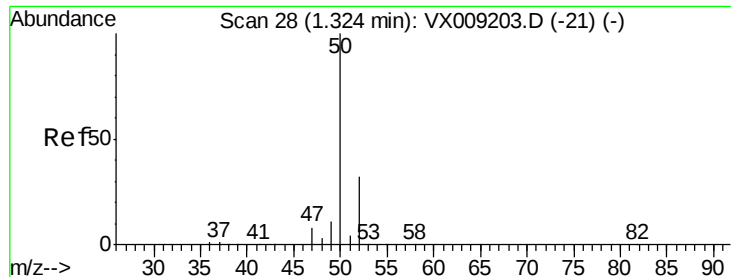
5000

0

1.15 1.20 1.25 1.30

Time-->

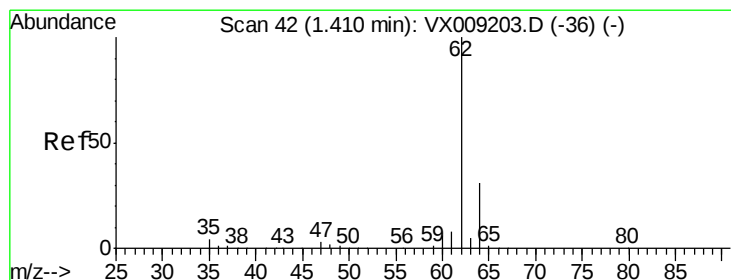
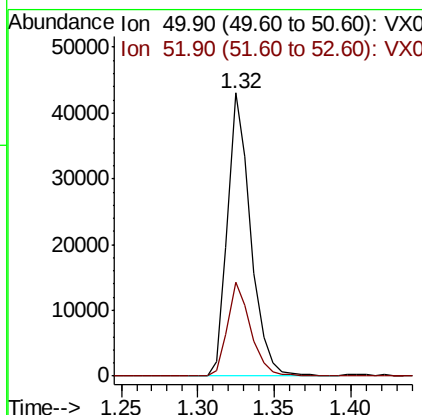
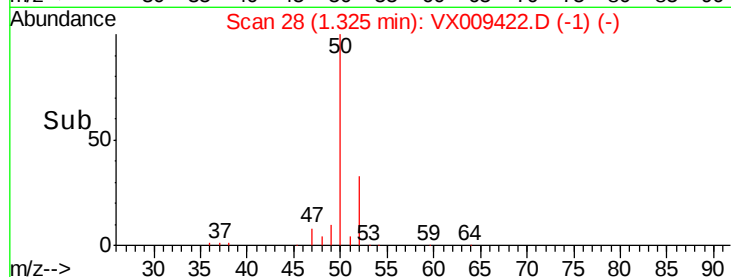
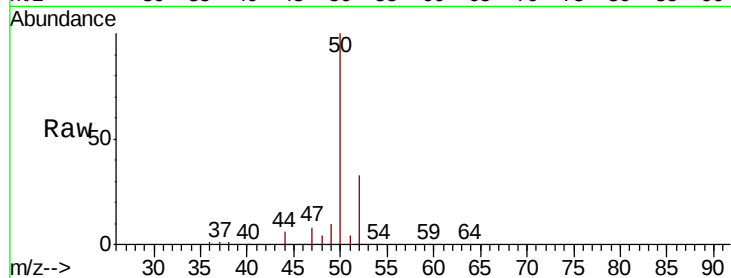




#3
Chloromethane
Concen: 22.499 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

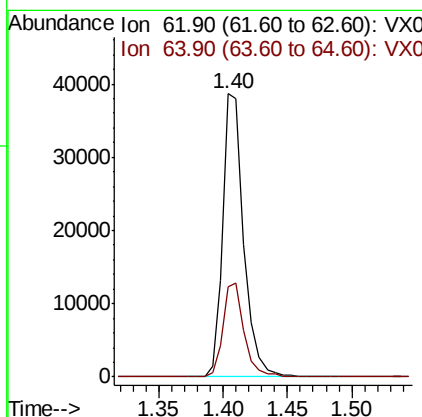
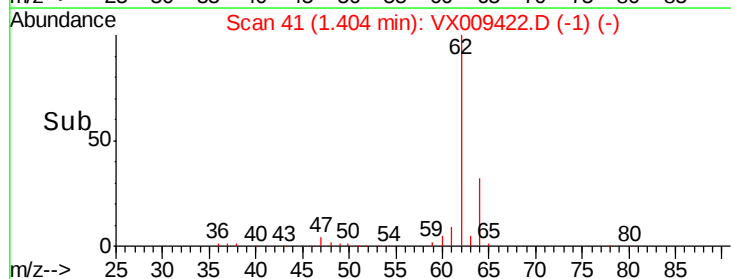
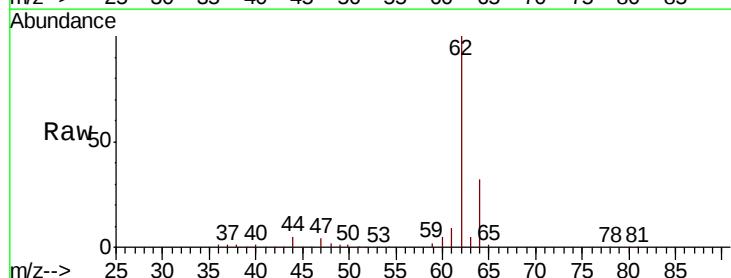
Instrument :
MSVOA_X
ClientSampleId :

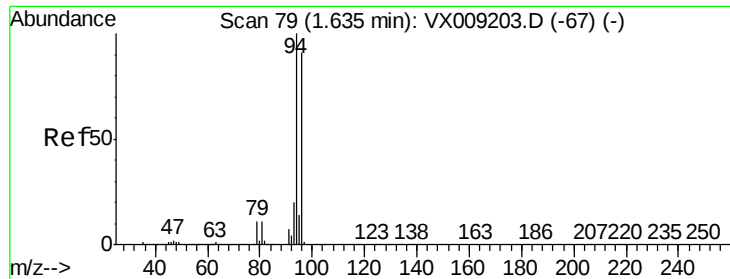
Tot Ion: 50 Resp: 45343
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9



#4
Vinyl Chloride
Concen: 22.712 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 62 Resp: 44634
Ion Ratio Lower Upper
62 100
64 31.8 24.6 36.8





#5

Bromomethane

Concen: 21.860 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

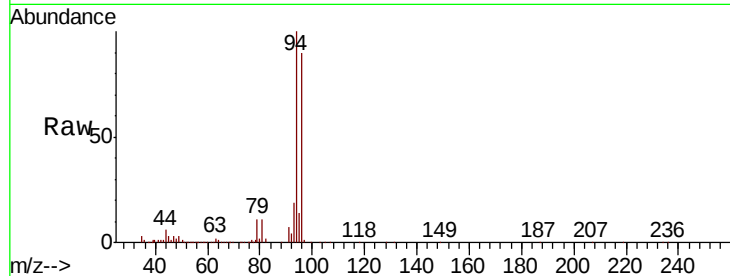
ClientSampleId :

Tot Ion: 94 Resp: 25785

Ion Ratio Lower Upper

94 100

96 89.3 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

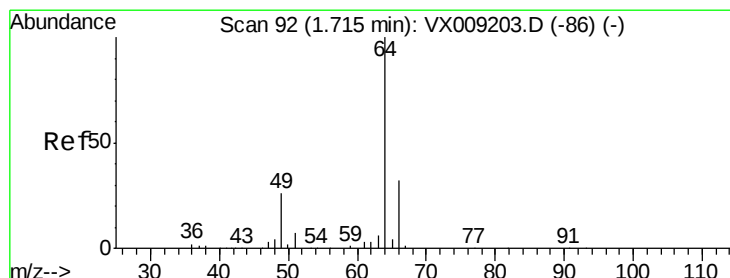
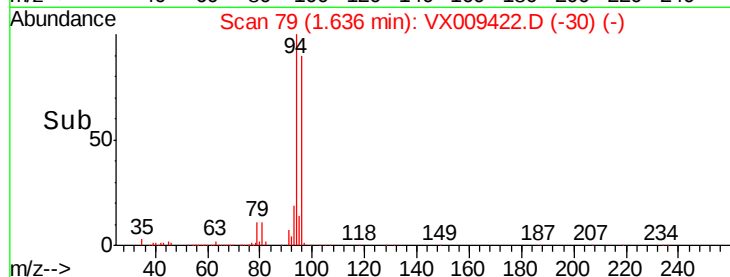
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 23.329 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009422.D

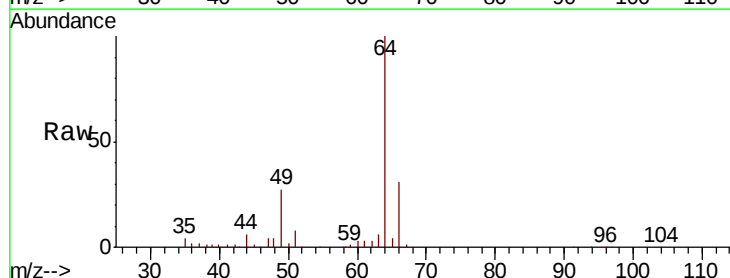
Acq: 09 May 2019 13:04

Tgt Ion: 64 Resp: 29435

Ion Ratio Lower Upper

64 100

66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

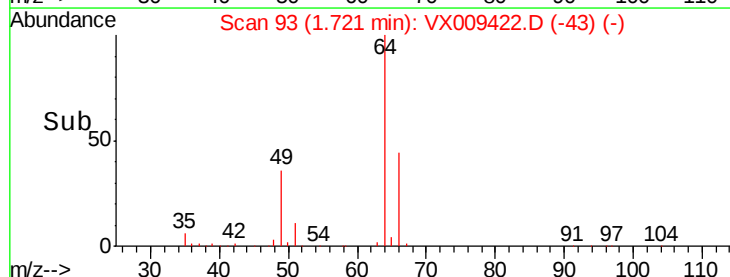
15000

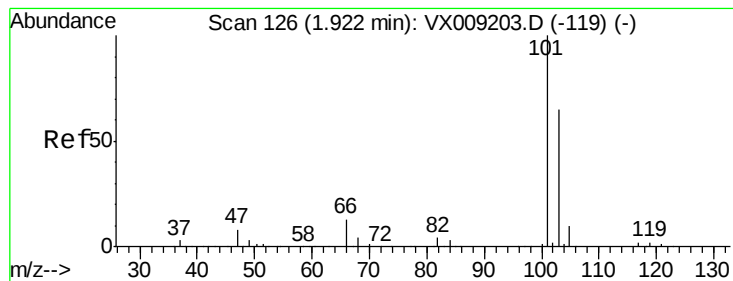
10000

5000

0

Time-->



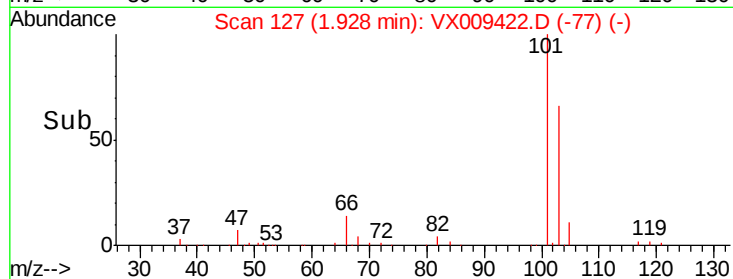
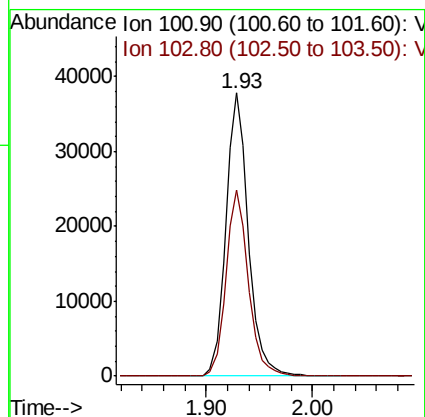
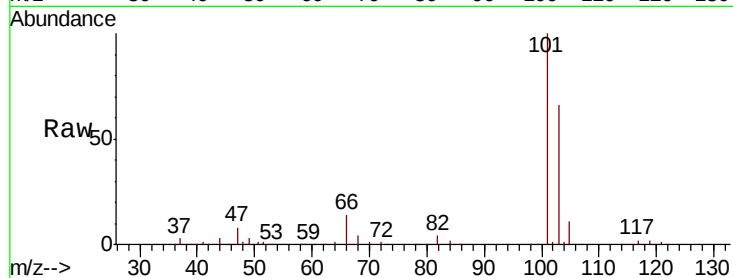


#7

Trichlorofluoromethane
 Concen: 23.240 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :

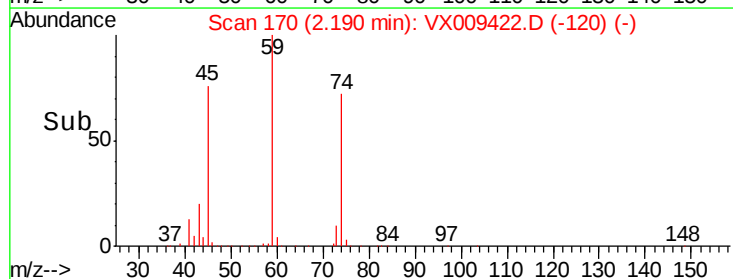
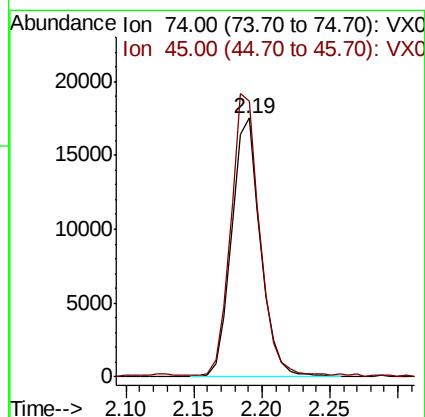
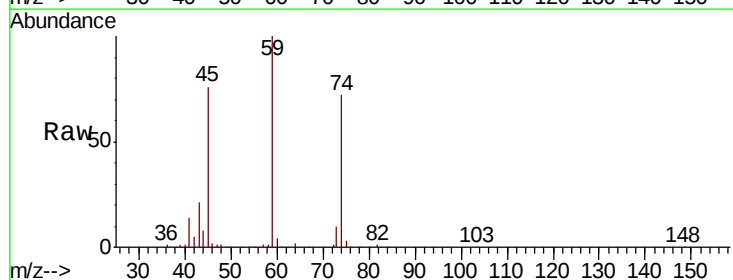
Tot Ion:101 Resp: 55516
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.4 78.6



#8

Diethyl Ether
 Concen: 22.936 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion: 74 Resp: 25953
 Ion Ratio Lower Upper
 74 100
 45 107.4 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.235 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

ClientSampled :

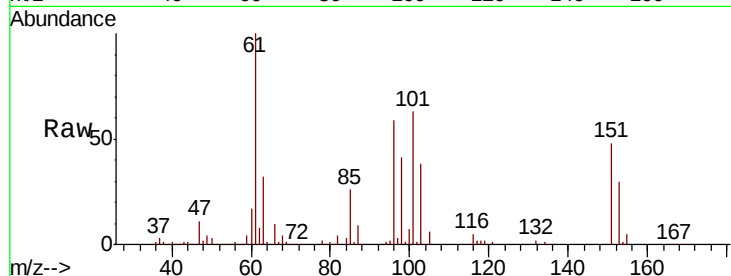
Tot Ion:101 Resp: 34855

Ion Ratio Lower Upper

101 100

85 43.6 35.7 53.5

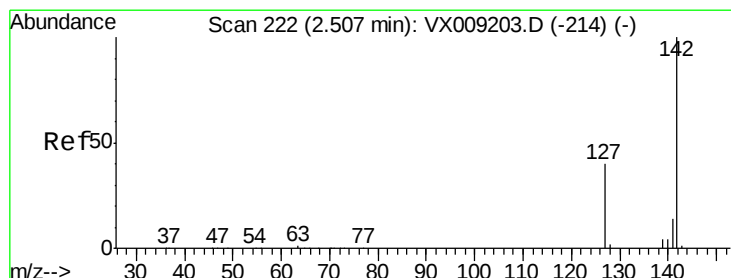
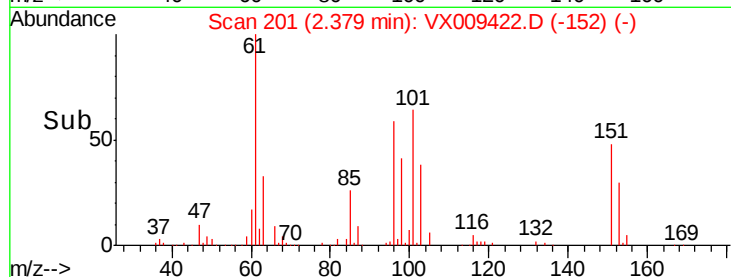
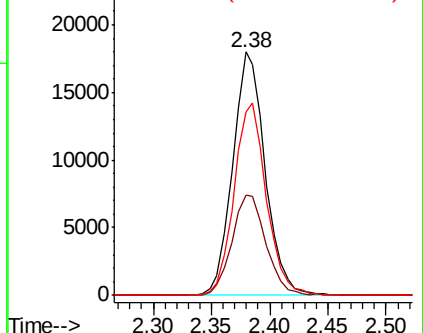
151 78.8 62.2 93.2



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: 23.742 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

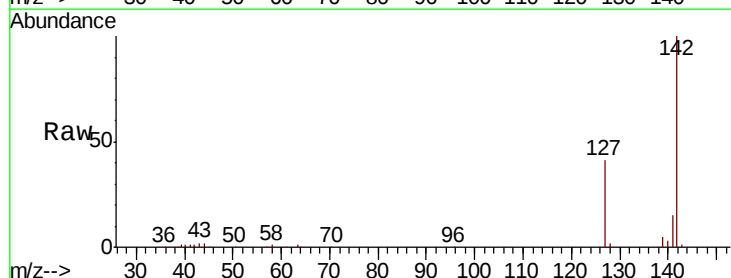
Tgt Ion:142 Resp: 36750

Ion Ratio Lower Upper

142 100

127 40.7 32.7 49.1

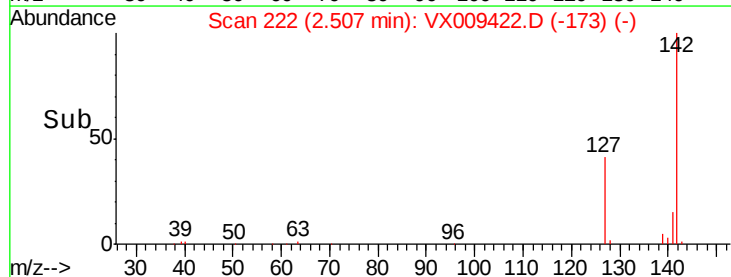
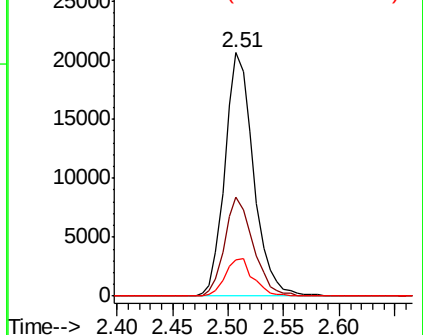
141 14.9 11.5 17.3

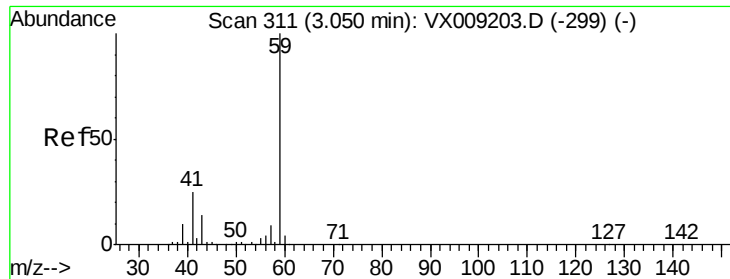


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

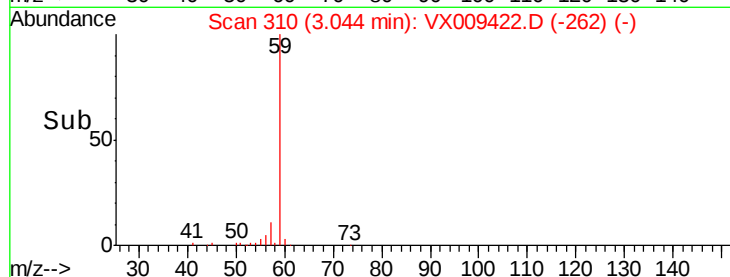
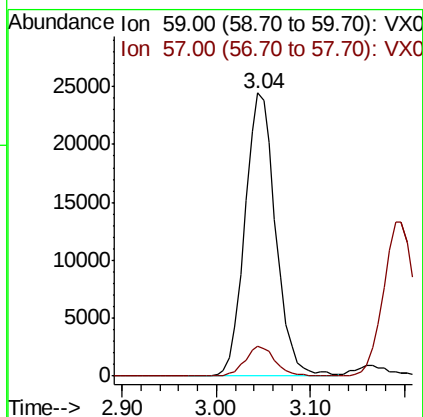
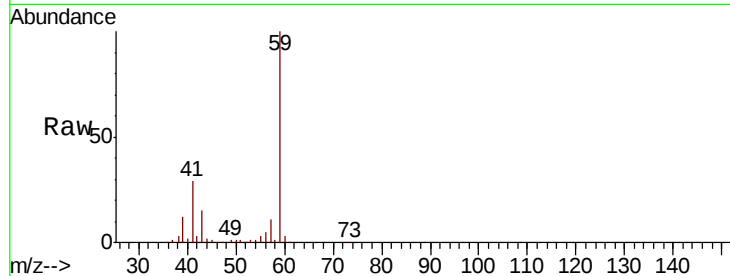




#11
Tert butyl alcohol
Concen: 110.356 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

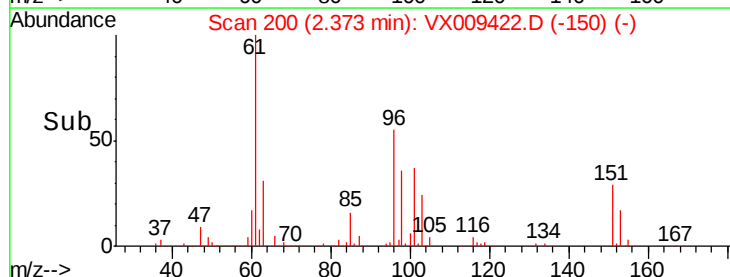
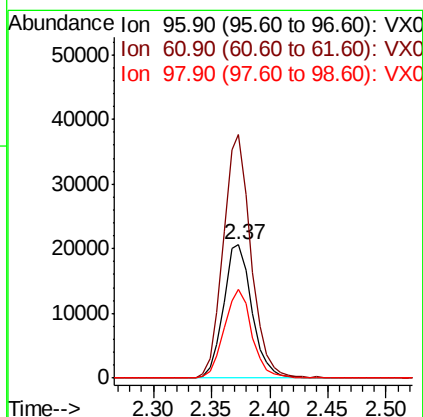
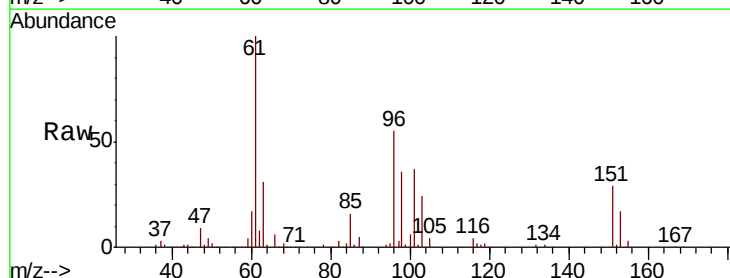
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 55860
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 23.194 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 96 Resp: 34861
Ion Ratio Lower Upper
96 100
61 182.5 144.3 216.5
98 66.4 50.3 75.5

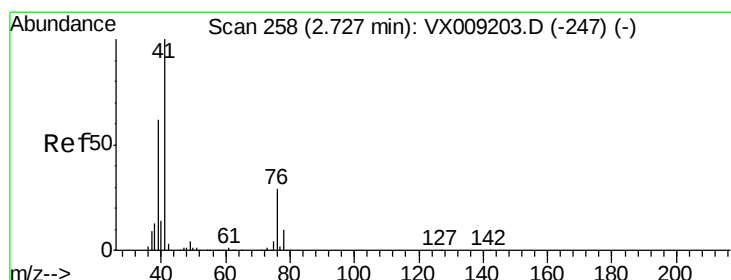
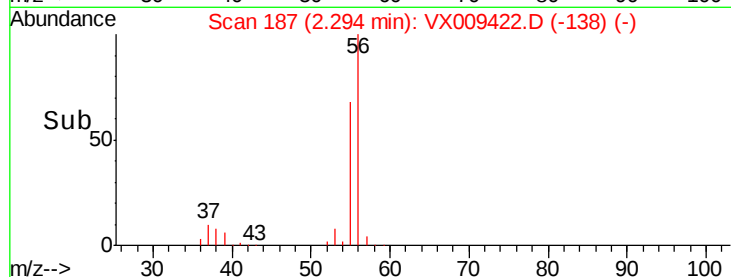
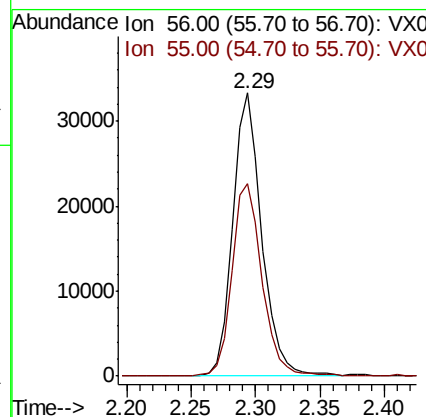
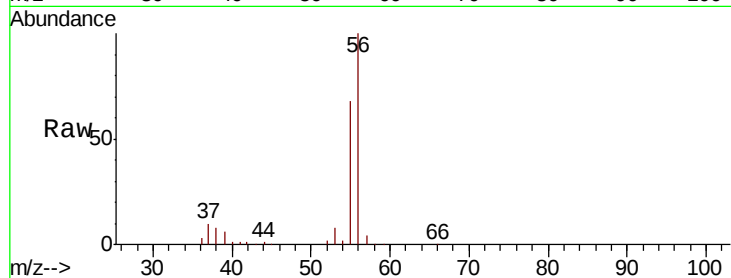




#13
Acrolein
Concen: 114.035 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

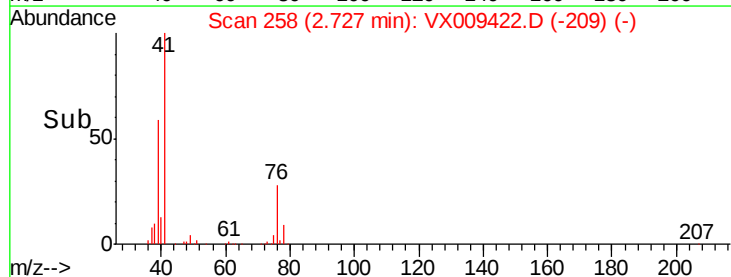
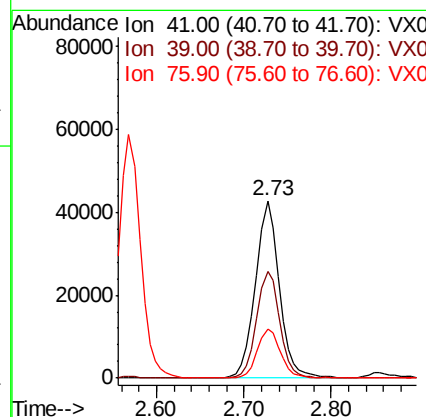
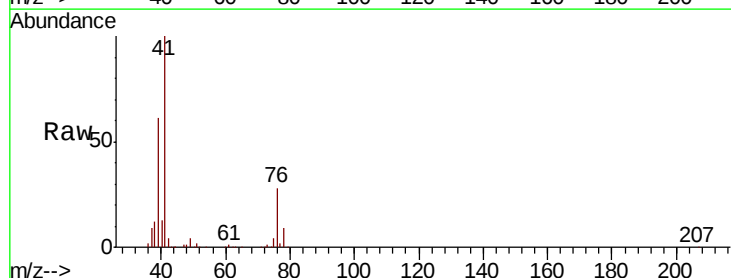
Instrument :
MSVOA_X
ClientSampled :

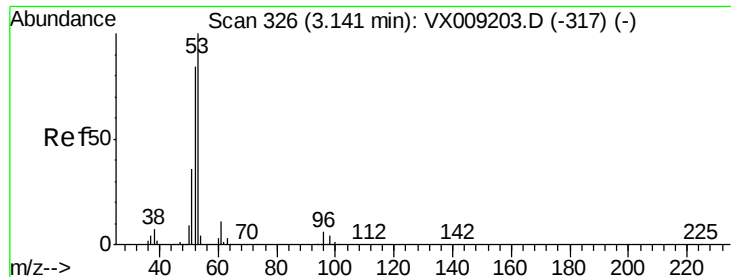
Tot Ion: 56 Resp: 52275
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0



#14
Allyl chloride
Concen: 22.280 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 41 Resp: 81609
Ion Ratio Lower Upper
41 100
39 58.7 46.7 70.1
76 27.0 21.8 32.8





#15

Acrylonitrile

Concen: 111.988 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

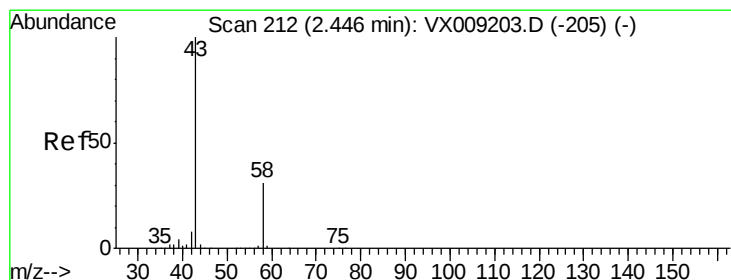
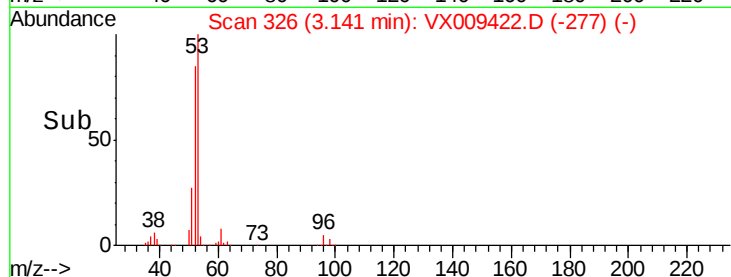
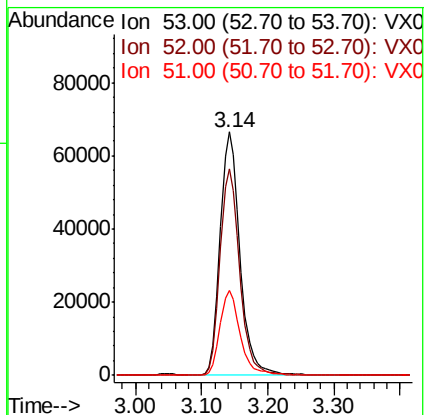
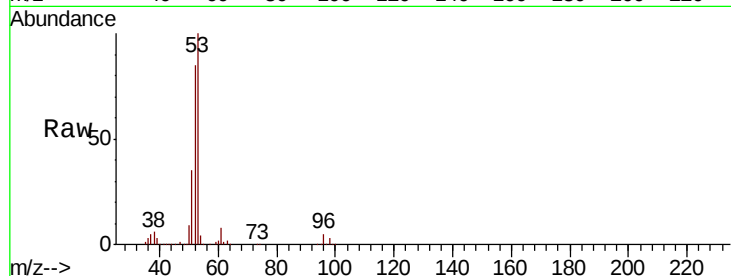
Tot Ion: 53 Resp: 138602

Ion Ratio Lower Upper

53 100

52 83.9 66.9 100.3

51 35.3 28.2 42.2



#16

Acetone

Concen: 110.076 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009422.D

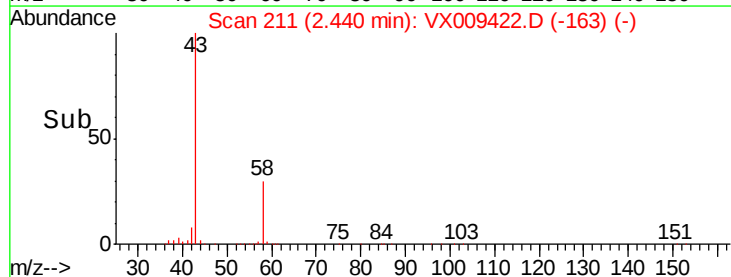
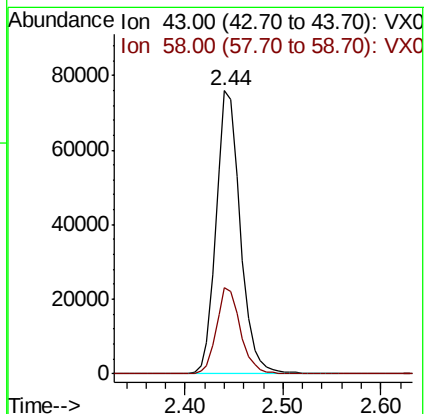
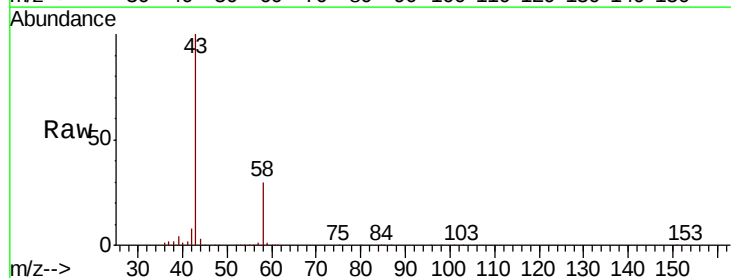
Acq: 09 May 2019 13:04

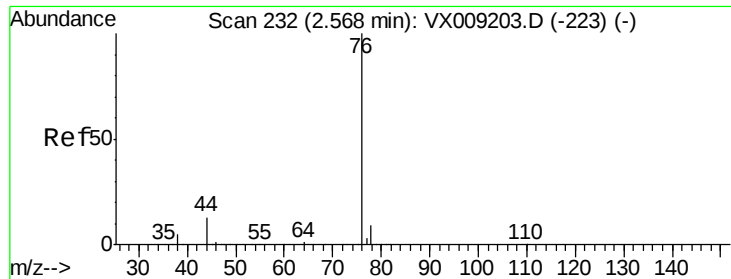
Tgt Ion: 43 Resp: 129252

Ion Ratio Lower Upper

43 100

58 30.3 24.9 37.3

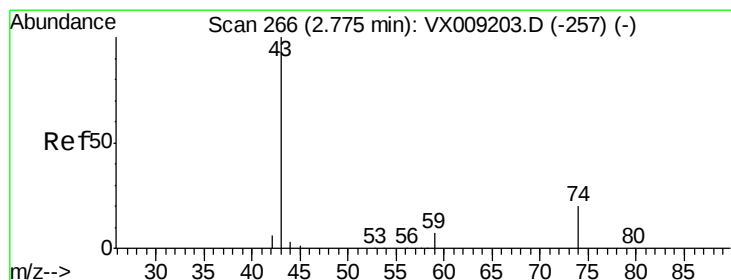
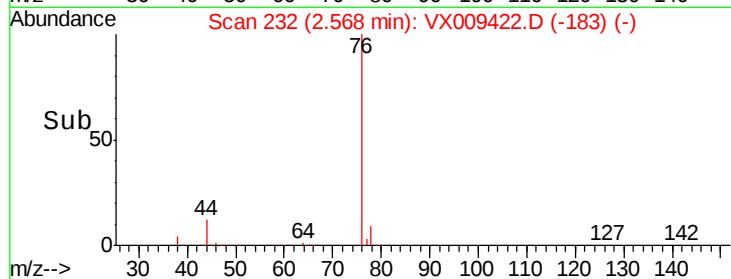
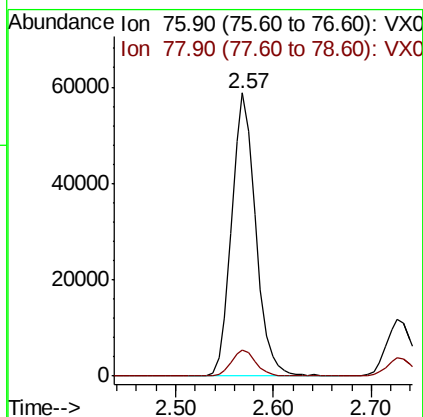
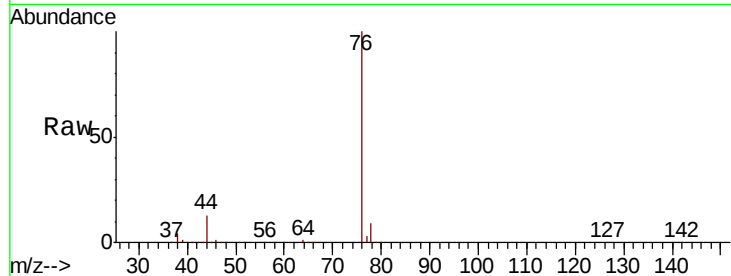




#17
Carbon Disulfide
Concen: 23.764 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

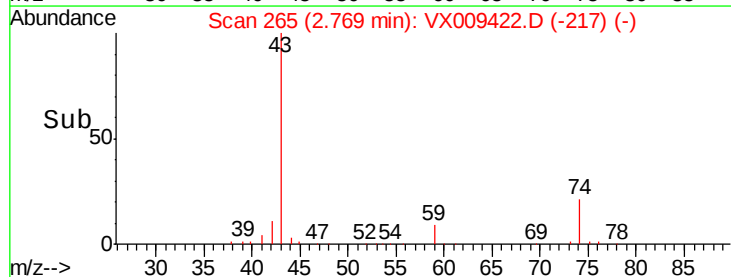
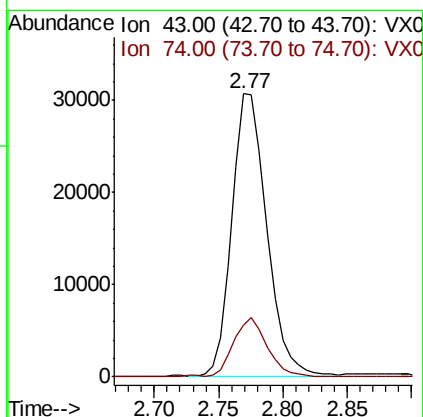
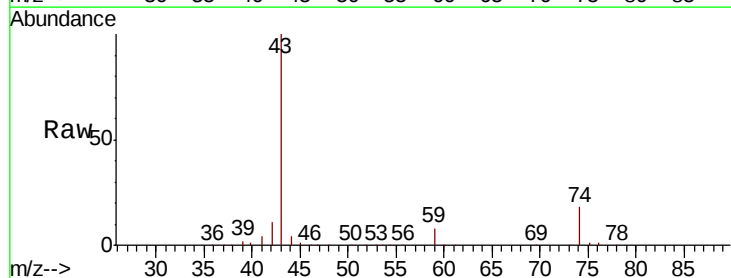
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 100280
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.768 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 43 Resp: 57994
Ion Ratio Lower Upper
43 100
74 20.9 16.2 24.4



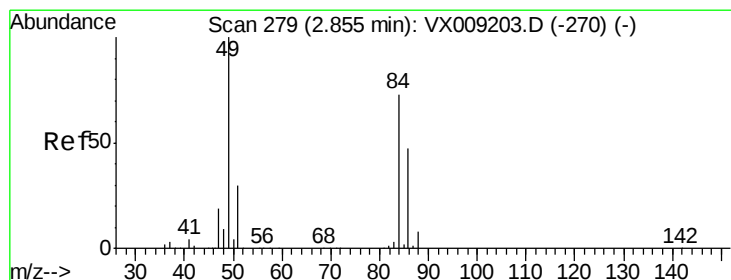
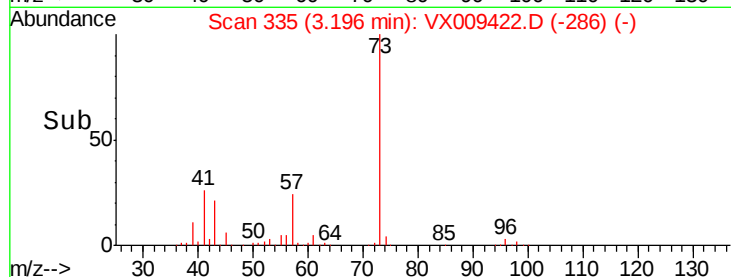
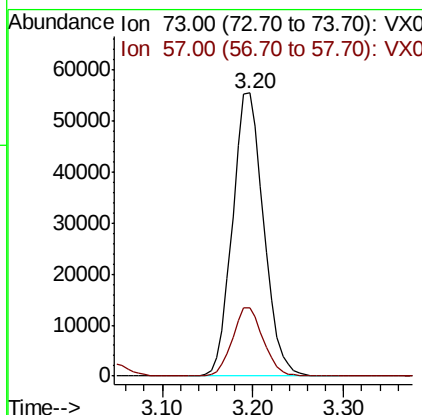
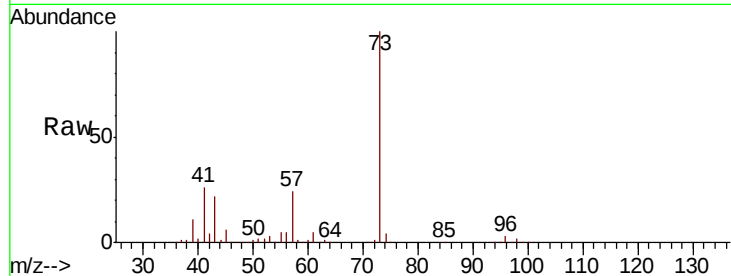


#19

Methyl tert-butyl Ether
 Concen: 22.714 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Instrument :
 MSVOA_X
 ClientSampled :

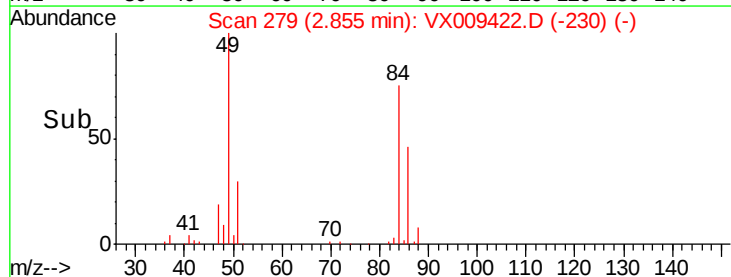
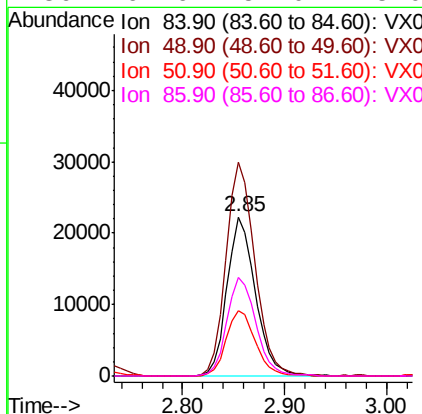
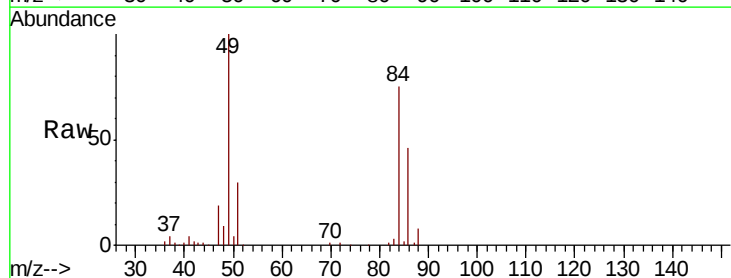
Tot Ion: 73 Resp: 132573
 Ion Ratio Lower Upper
 73 100
 57 24.0 19.3 28.9

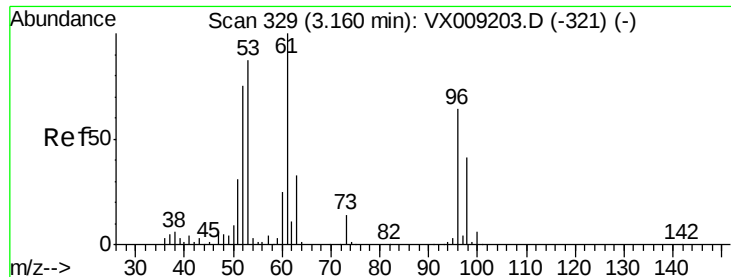


#20

Methylene Chloride
 Concen: 22.590 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion: 84 Resp: 42948
 Ion Ratio Lower Upper
 84 100
 49 134.0 109.9 164.9
 51 40.6 32.7 49.1
 86 61.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 23.381 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

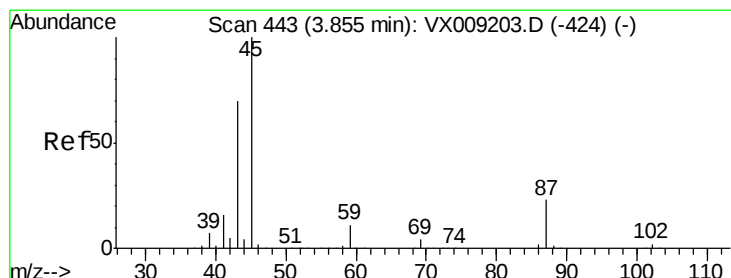
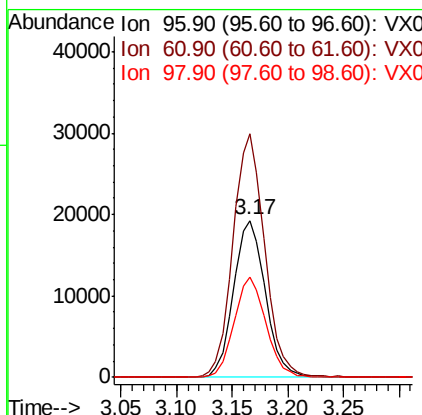
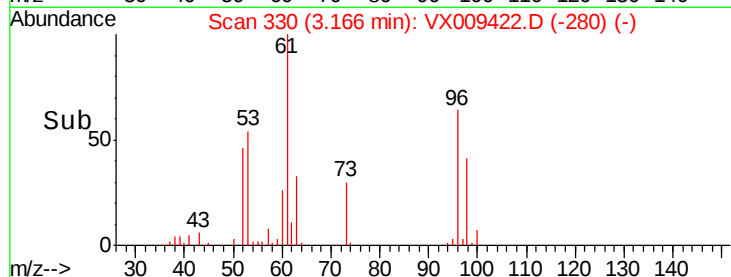
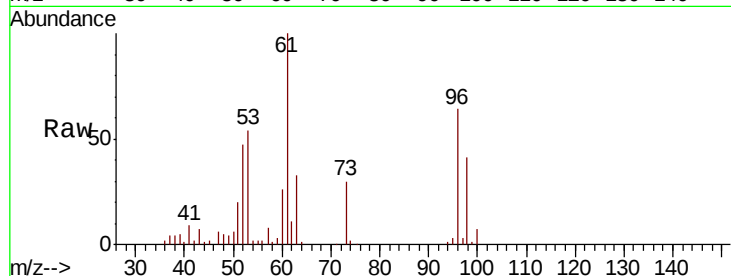
Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 38112

Ion	Ratio	Lower	Upper
96	100		
61	155.5	124.5	186.7
98	64.0	50.4	75.6



#22

Diisopropyl ether

Concen: 22.685 ug/l

RT: 3.85 min Scan# 443

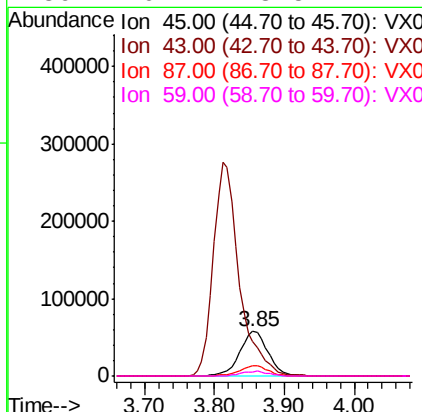
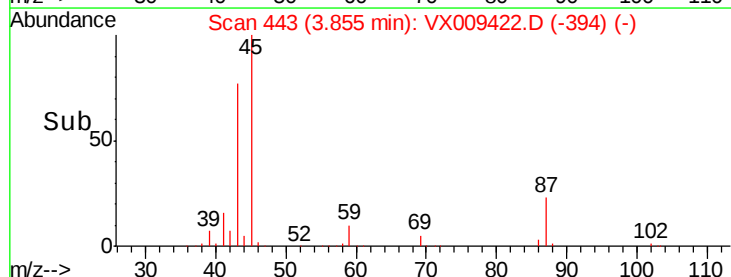
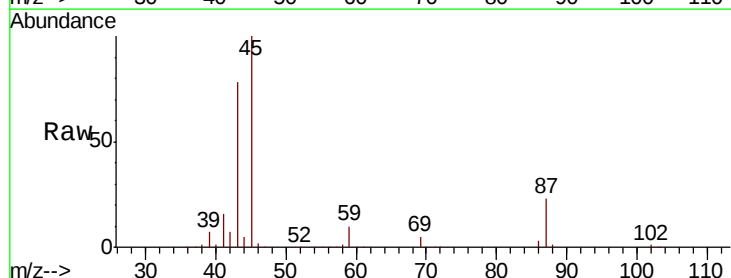
Delta R.T. 0.00 min

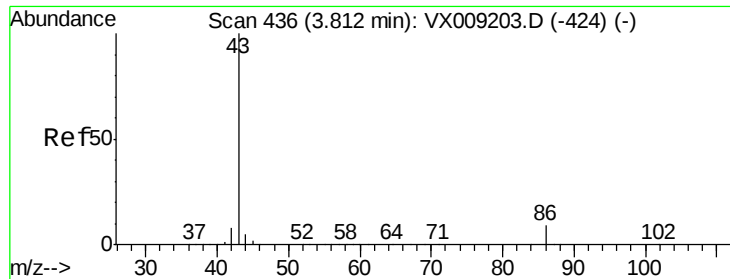
Lab File: VX009422.D

Acq: 09 May 2019 13:04

Tgt Ion: 45 Resp: 159798

Ion	Ratio	Lower	Upper
45	100		
43	77.2	56.1	84.1
87	22.8	18.1	27.1
59	10.1	8.5	12.7





#23

Vinyl Acetate

Concen: 118.389 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

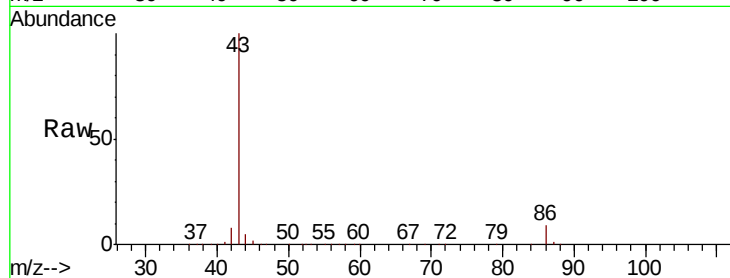
ClientSampleId :

Tot Ion: 43 Resp: 714118

Ion Ratio Lower Upper

43 100

86 8.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

300000

250000

200000

150000

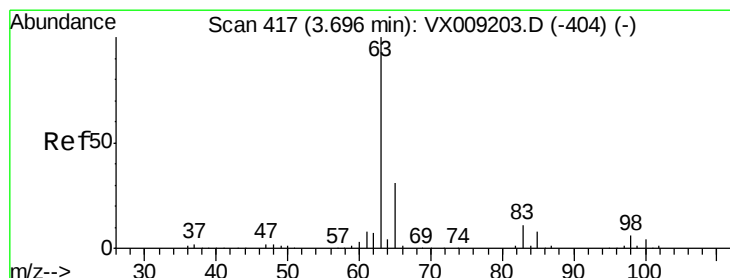
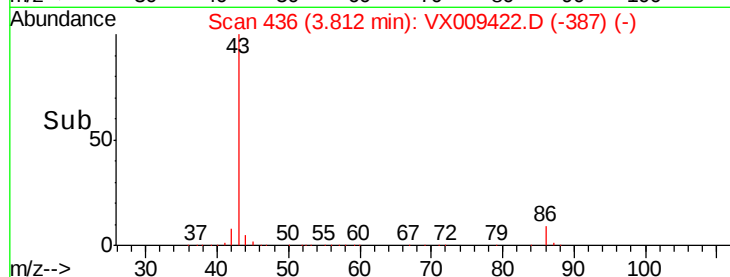
100000

50000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 22.402 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

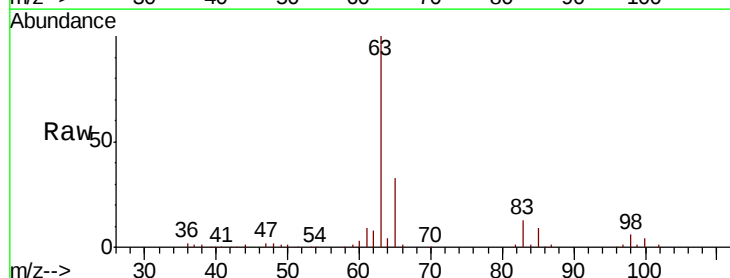
Tgt Ion: 63 Resp: 77847

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.8 2.0 6.0



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

3.70

40000

30000

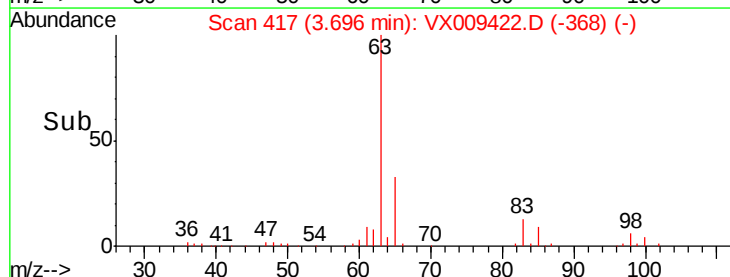
20000

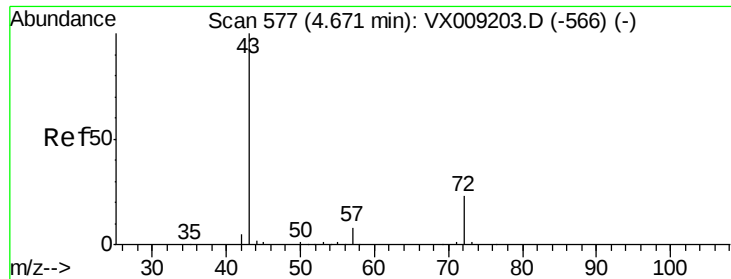
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 113.381 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

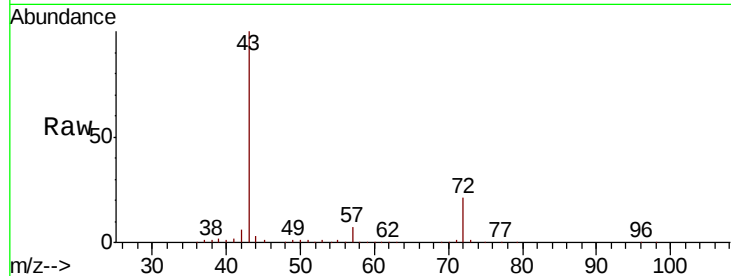
ClientSampleId :

Tot Ion: 43 Resp: 206883

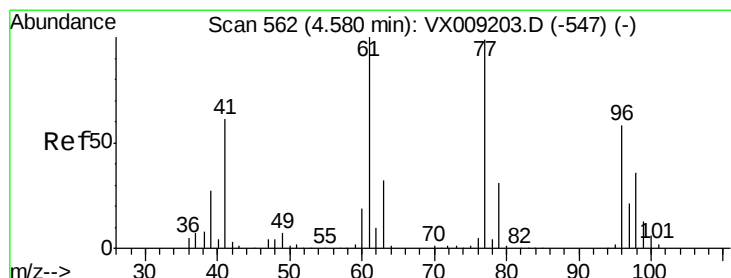
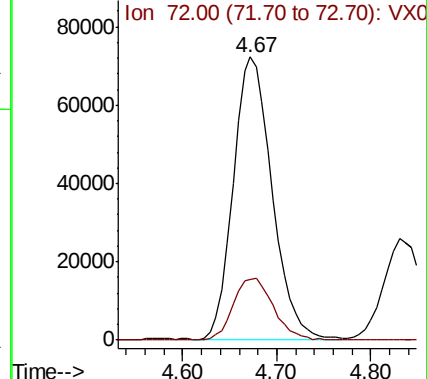
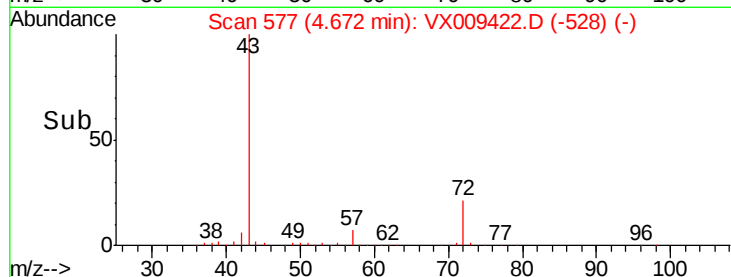
Ion Ratio Lower Upper

43 100

72 21.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX009422.D (-528) (-)



#26

2,2-Dichloropropane

Concen: 21.758 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009422.D

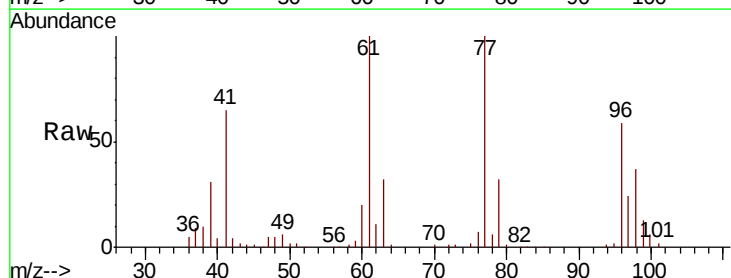
Acq: 09 May 2019 13:04

Tgt Ion: 77 Resp: 56279

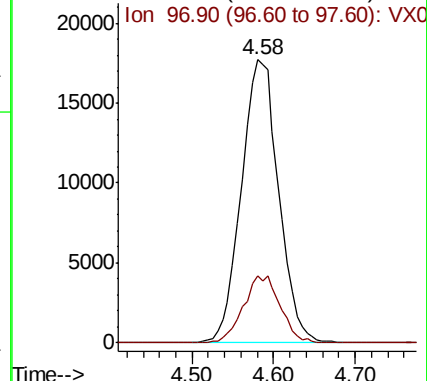
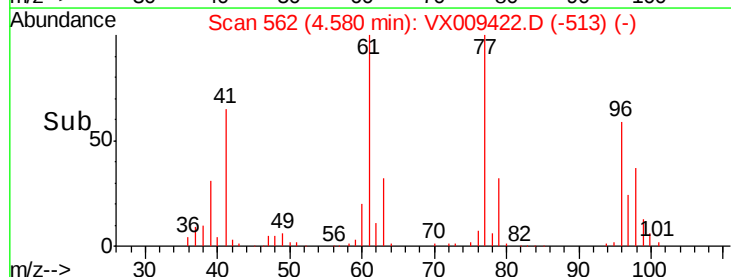
Ion Ratio Lower Upper

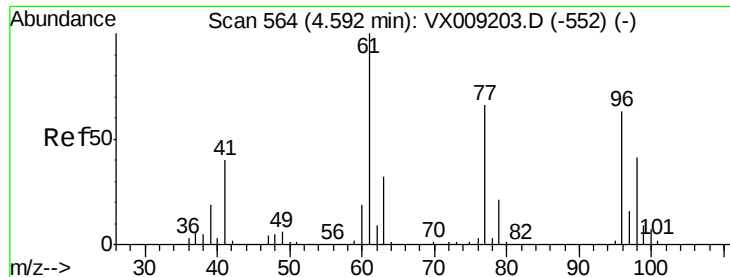
77 100

97 23.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX009422.D (-513) (-)



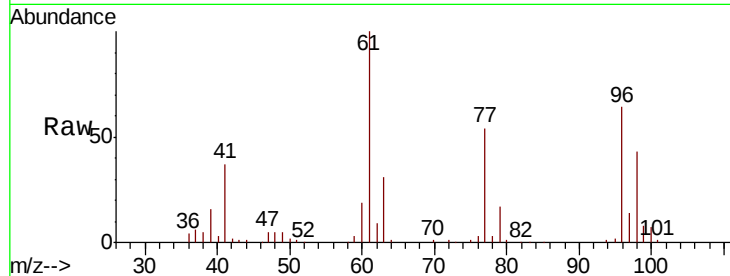


#27

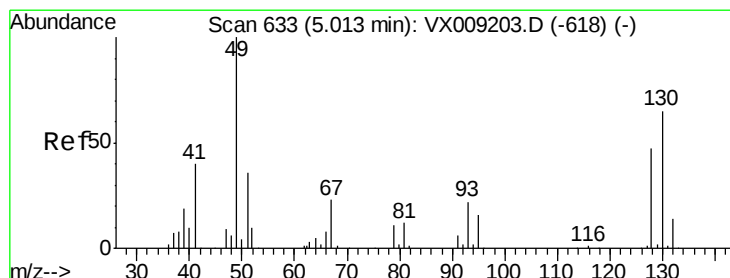
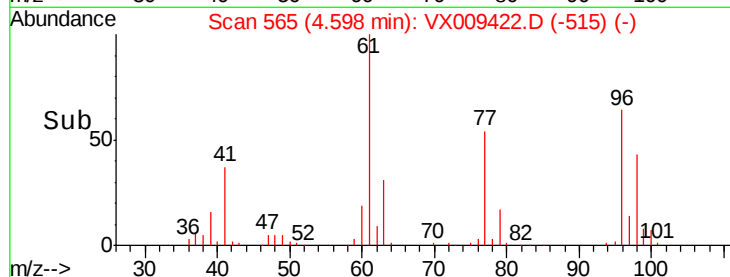
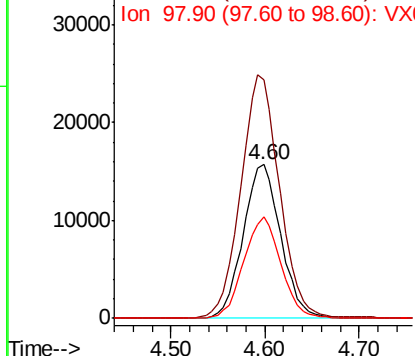
cis-1,2-Dichloroethene
 Concen: 22.640 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 44049
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 324.0
 98 65.5 0.0 130.4



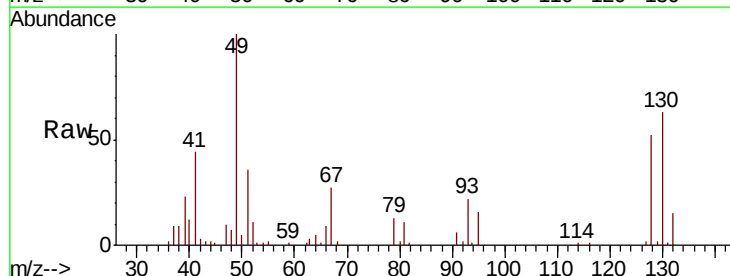
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



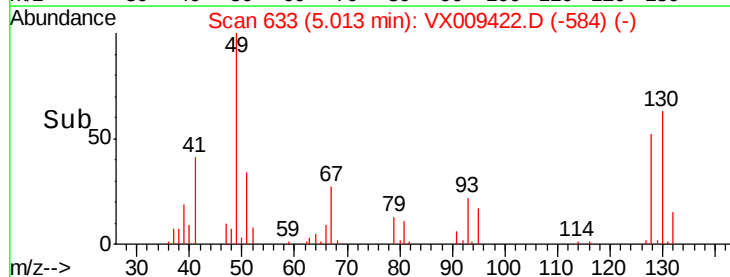
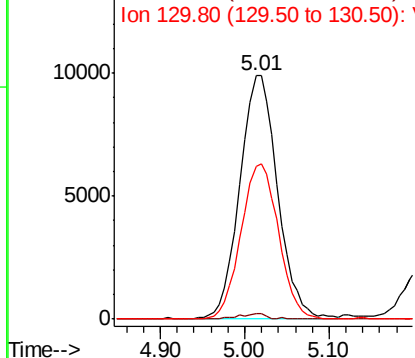
#28

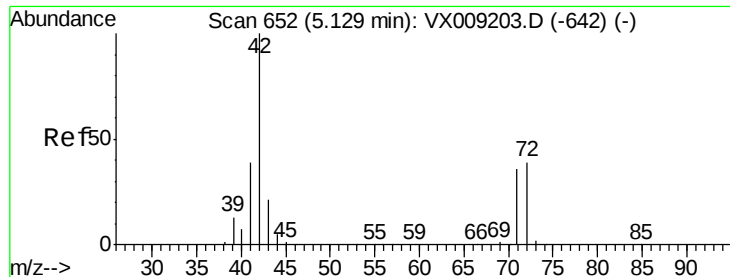
Bromochloromethane
 Concen: 19.910 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion: 49 Resp: 30158
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 63.1 51.2 76.8



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

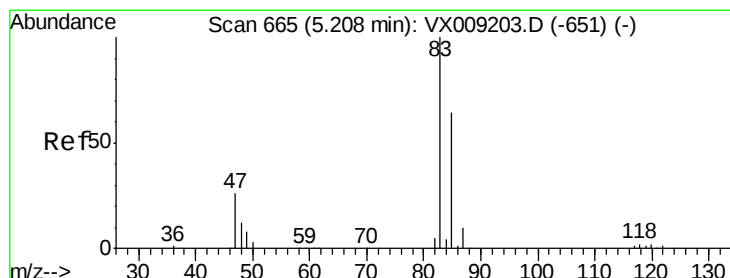
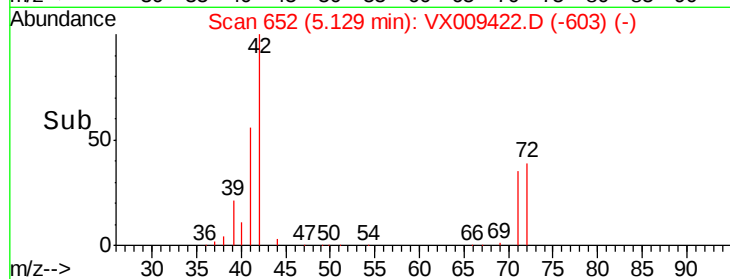
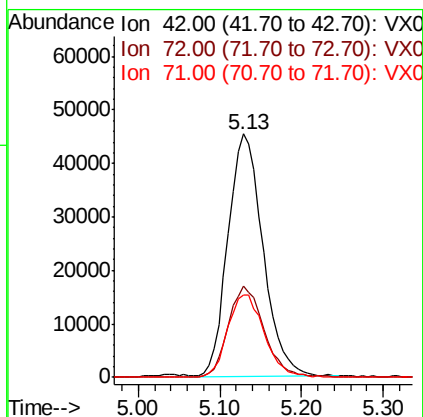
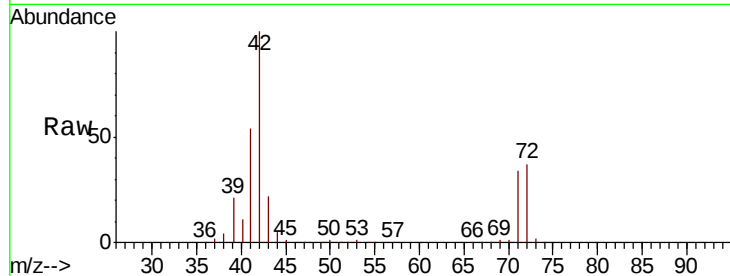




#29
Tetrahydrofuran
Concen: 115.212 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

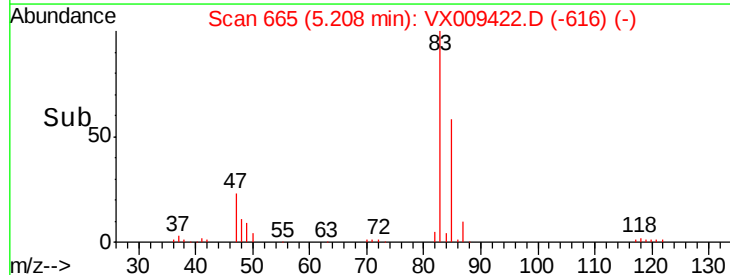
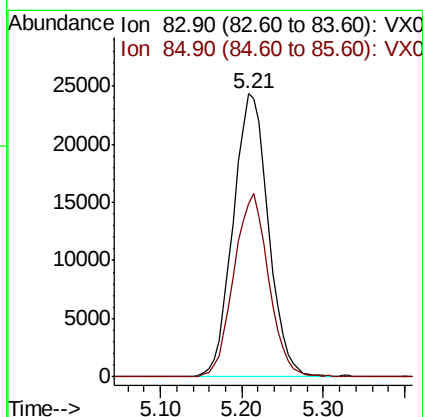
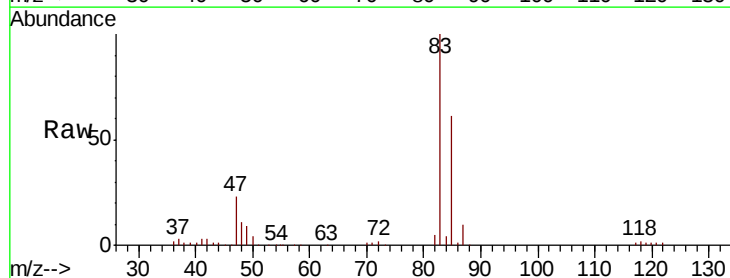
Instrument :
MSVOA_X
ClientSampled :

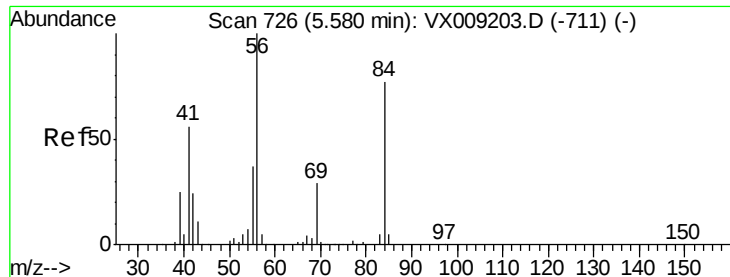
Tot Ion: 42 Resp: 135279
Ion Ratio Lower Upper
42 100
72 38.4 30.4 45.6
71 35.5 28.6 43.0



#30
Chloroform
Concen: 23.162 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 83 Resp: 72797
Ion Ratio Lower Upper
83 100
85 61.0 51.5 77.3

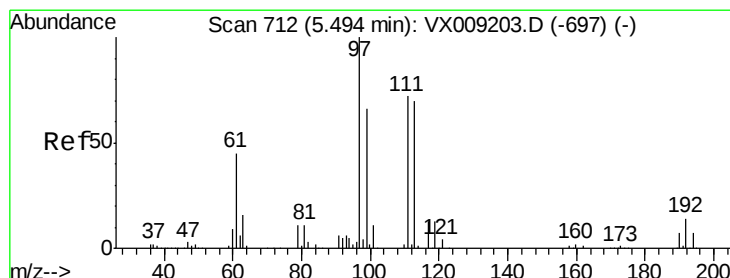
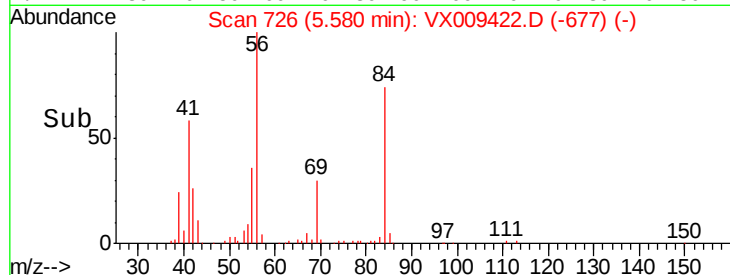
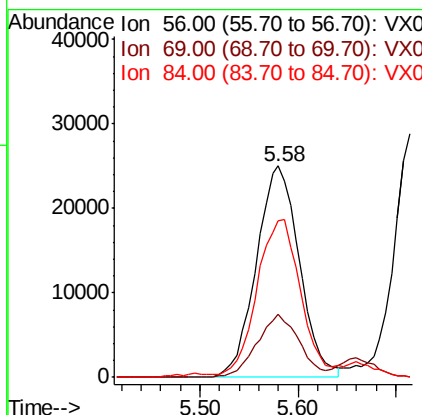
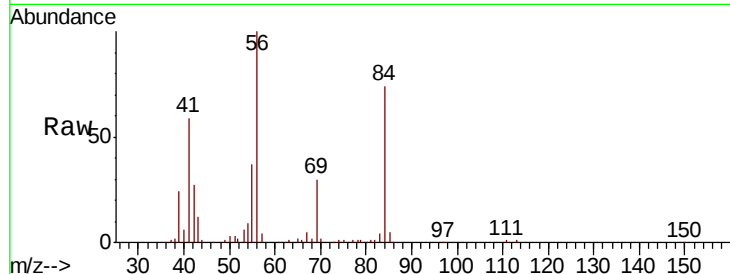




#31
Cyclohexane
Concen: 23.668 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

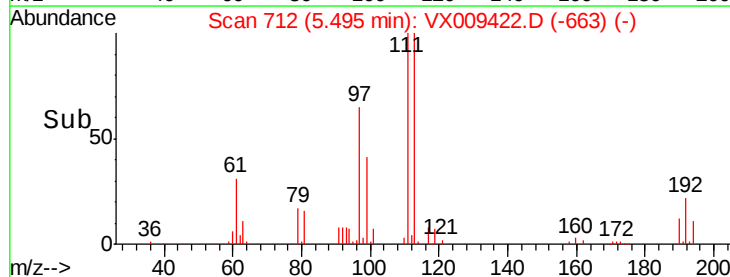
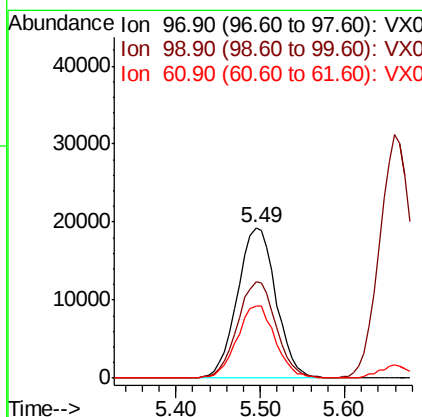
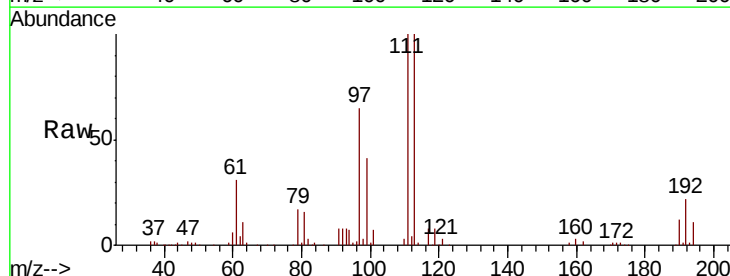
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 76519
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.0
84 72.7 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 22.807 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 97 Resp: 59670
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 47.8 37.8 56.8

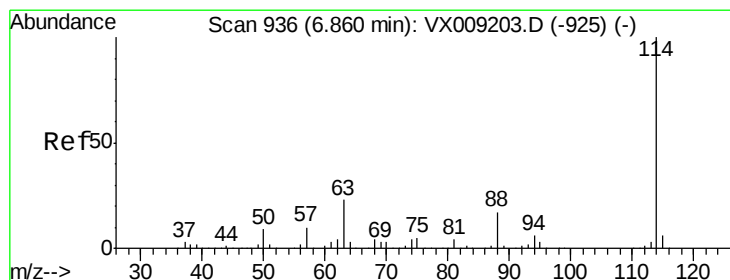
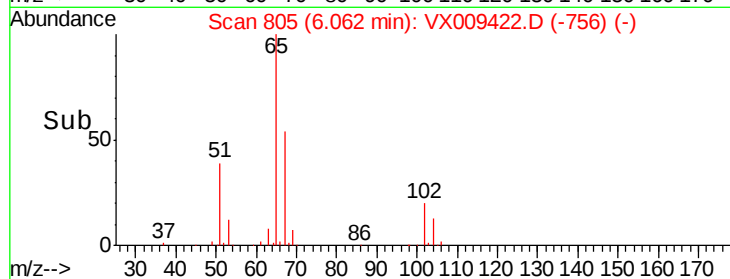
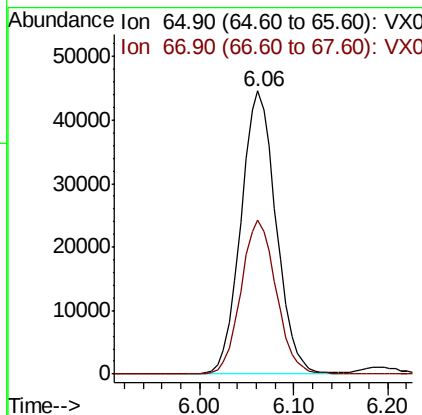
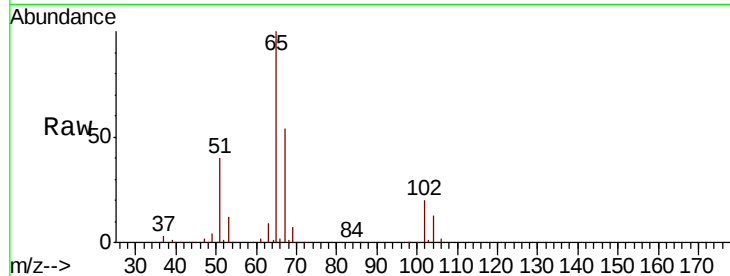




#33
 1,2-Dichloroethane-d4
 Concen: 53.425 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

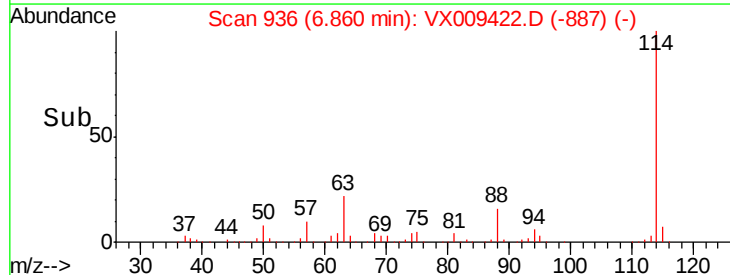
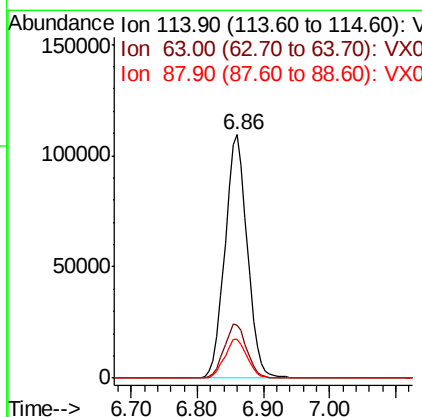
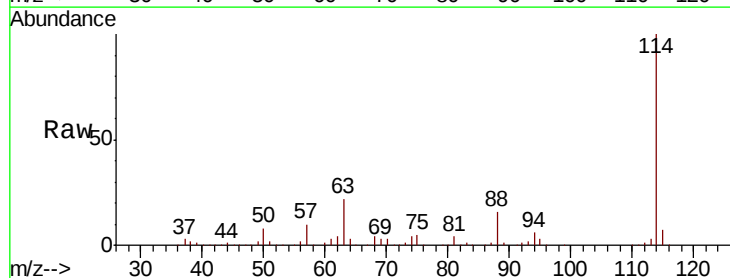
Instrument :
 MSVOA_X
 ClientSampleId :

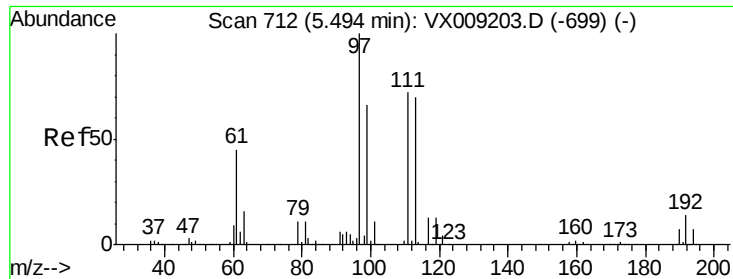
Tot Ion: 65 Resp: 116828
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion: 114 Resp: 256020
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.6
 88 16.1 0.0 33.2

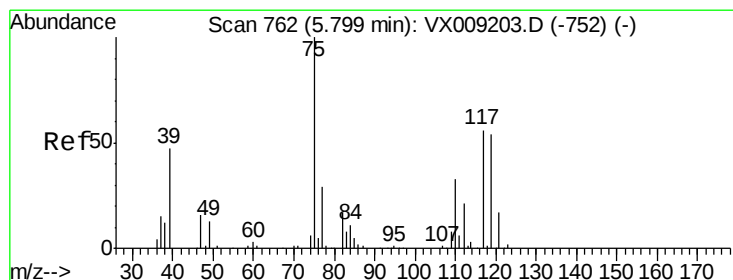
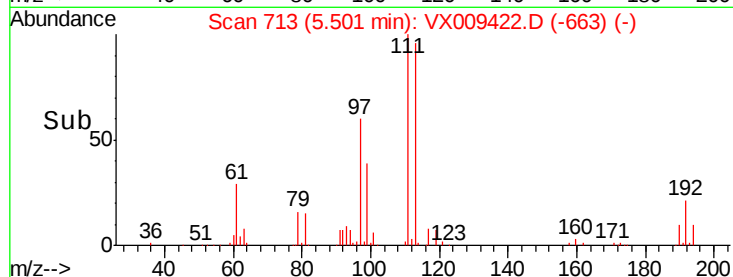
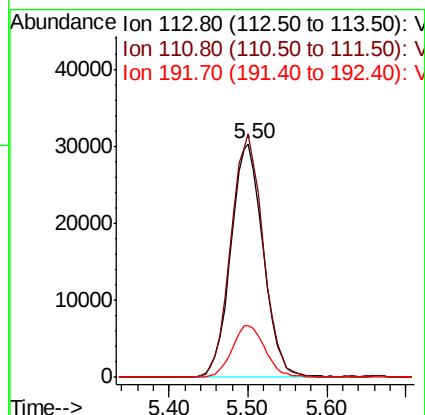
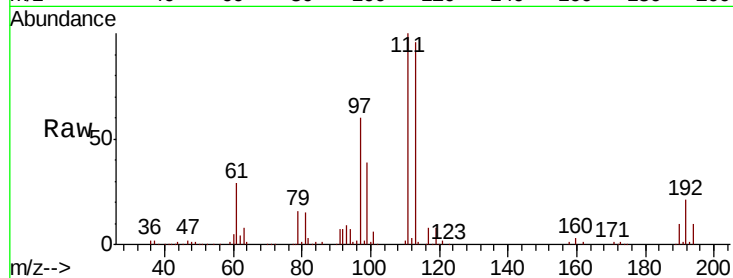




#35
 Dibromofluoromethane
 Concen: 53.792 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

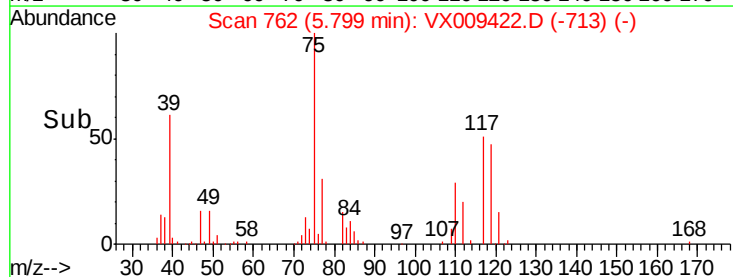
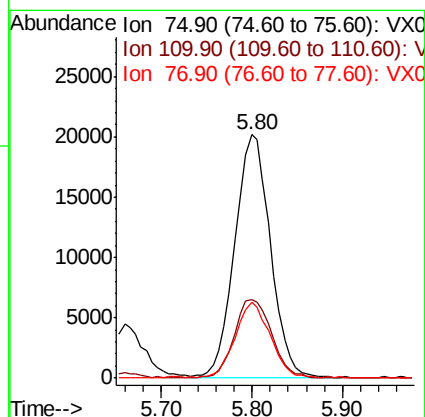
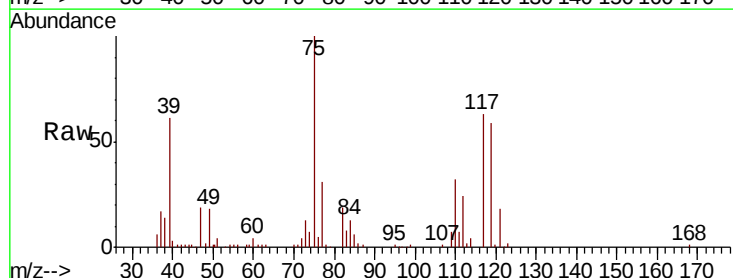
Instrument :
 MSVOA_X
 ClientSampleId :

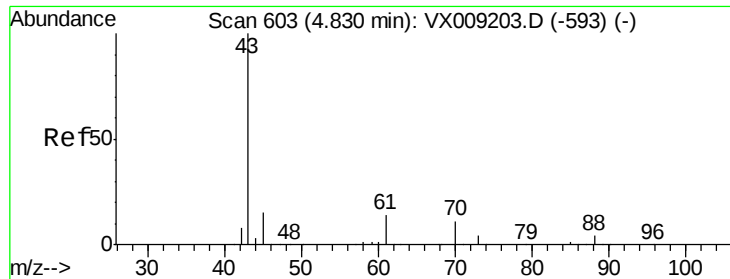
Tot Ion:113 Resp: 86576
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.8 124.2
 192 22.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 22.969 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion: 75 Resp: 54649
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.9 50.6
 77 30.3 24.8 37.2

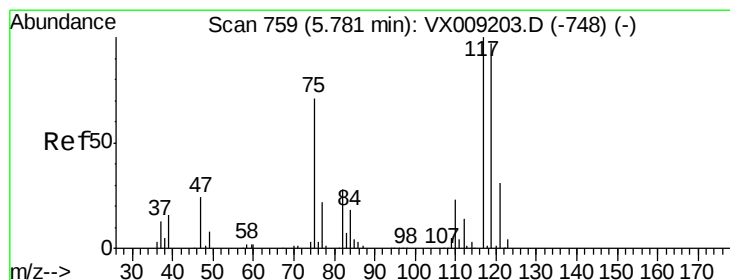
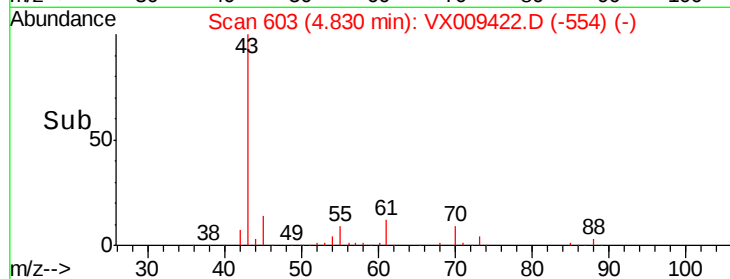
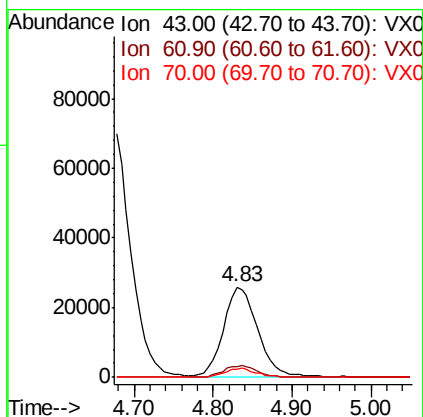
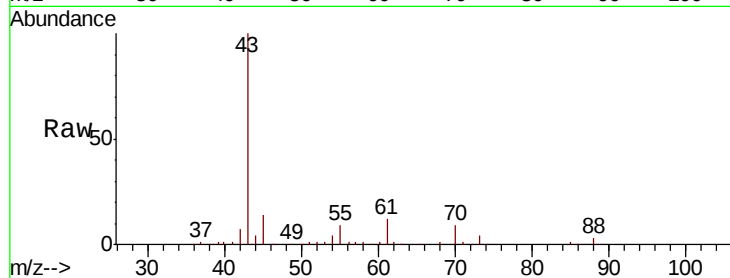




#37
Ethyl Acetate
Concen: 23.128 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

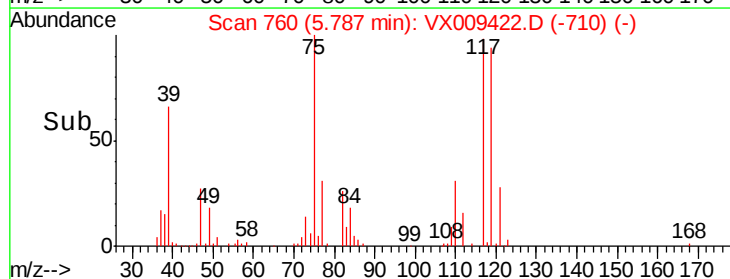
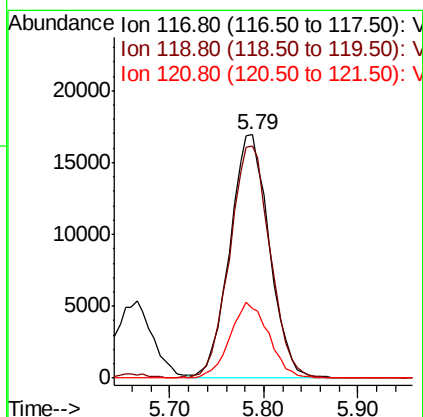
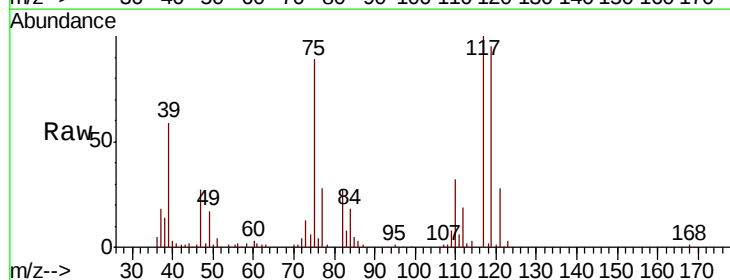
Instrument :
MSVOA_X
ClientSampled :

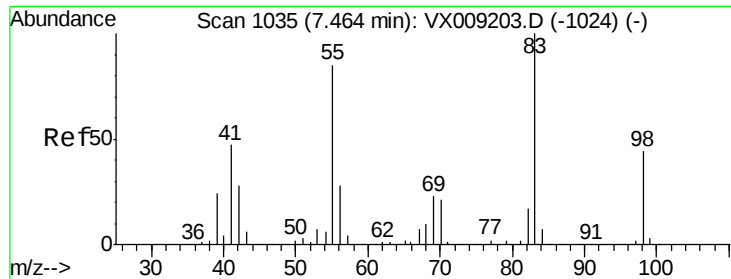
Tot Ion: 43 Resp: 76668
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 22.907 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 117 Resp: 49518
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
121 28.5 24.7 37.1

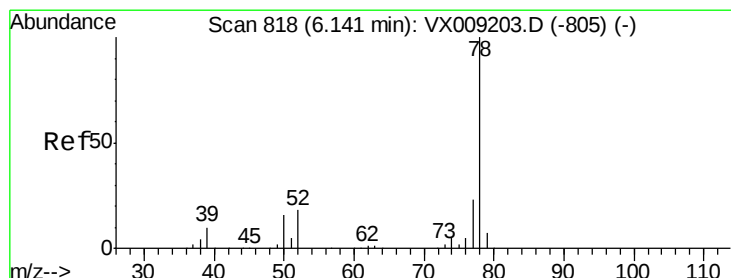
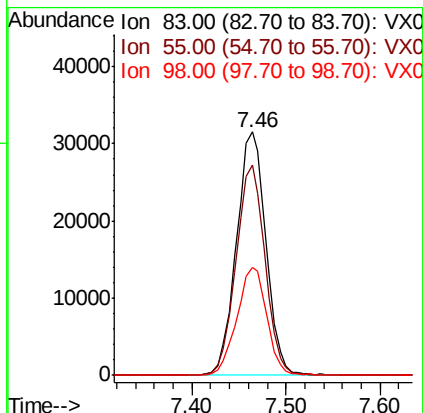
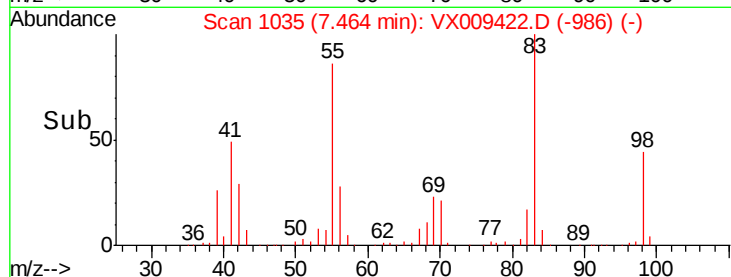
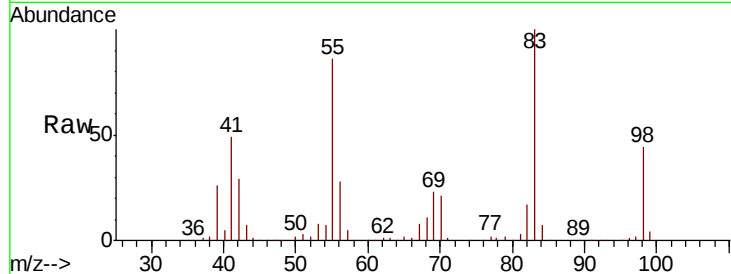




#39
Methvlcvclohexane
Concen: 23.581 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

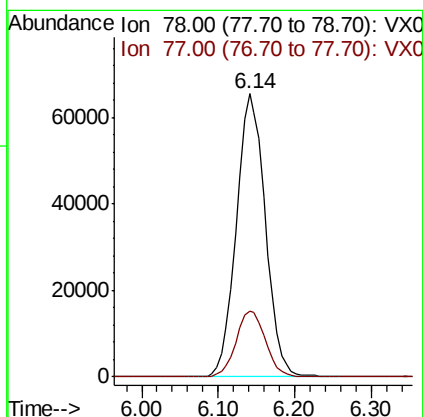
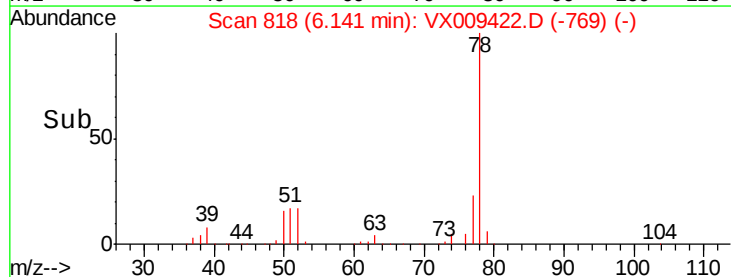
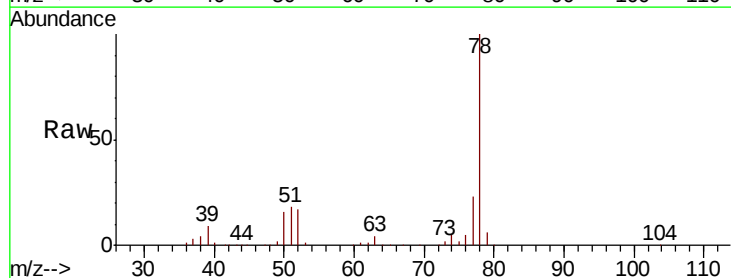
Instrument :
MSVOA_X
ClientSampleId :

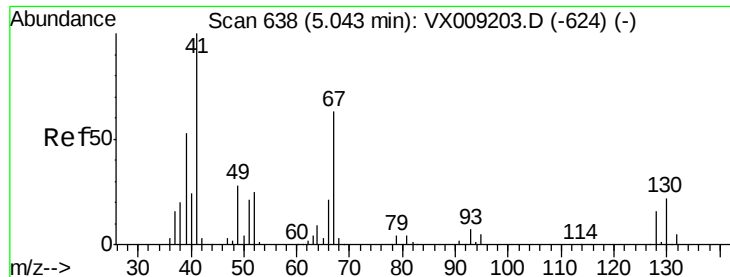
Tot Ion: 83 Resp: 68902
Ion Ratio Lower Upper
83 100
55 86.3 67.7 101.5
98 44.1 35.5 53.3



#40
Benzene
Concen: 23.385 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 78 Resp: 172191
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 21.952 ug/l

RT: 5.04 min Scan# 638

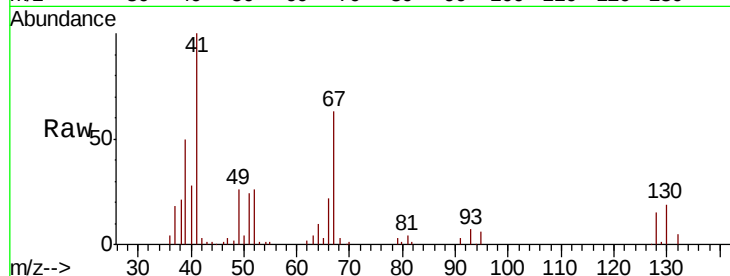
Delta R.T. 0.00 min

Lab File: VX009422.D

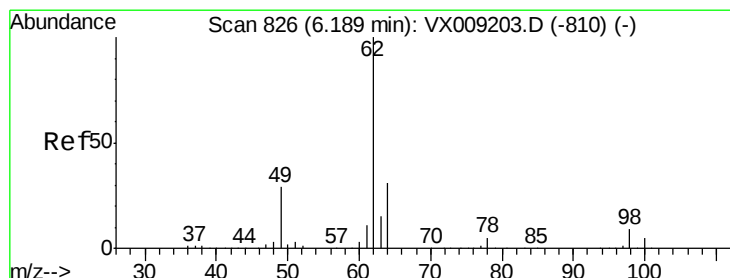
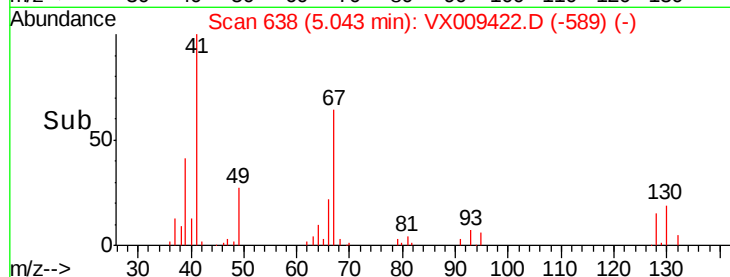
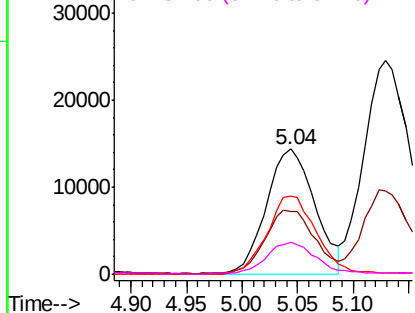
Acq: 09 May 2019 13:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	43318
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.0	63.0
67	64.4	49.8	74.8
52	25.6	20.3	30.5



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: 23.386 ug/l

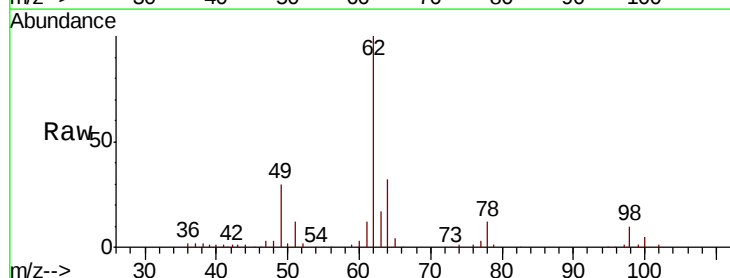
RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

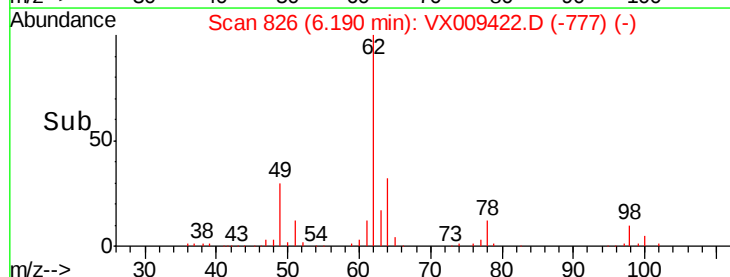
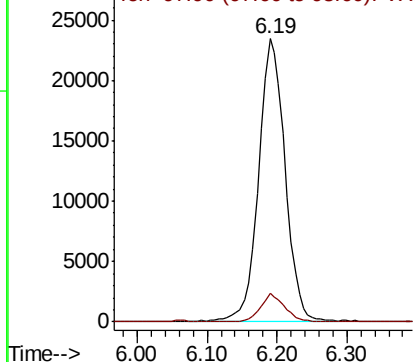
Lab File: VX009422.D

Acq: 09 May 2019 13:04

Tgt Ion:	62	Resp:	61771
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



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



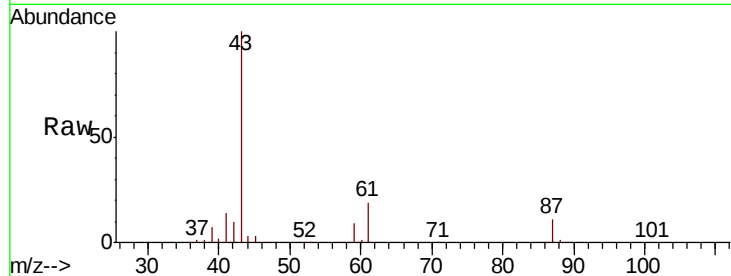


#43

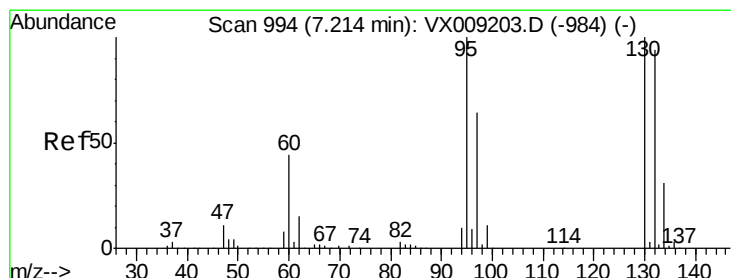
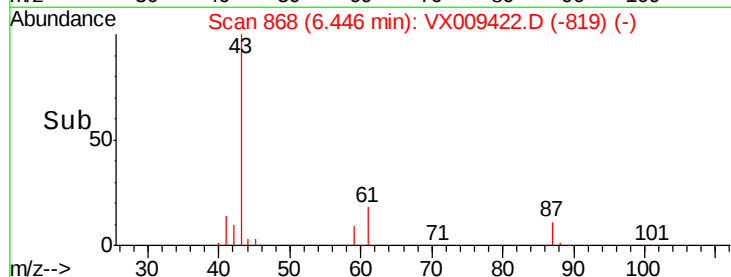
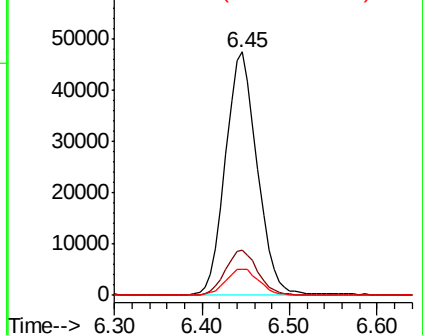
Isopropyl Acetate
 Concen: 22.537 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 119502
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.1 22.7
 87 11.3 9.0 13.6



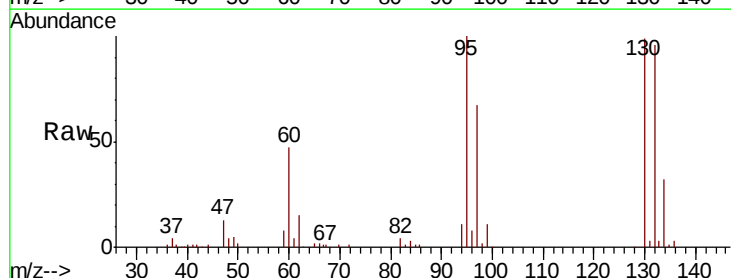
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



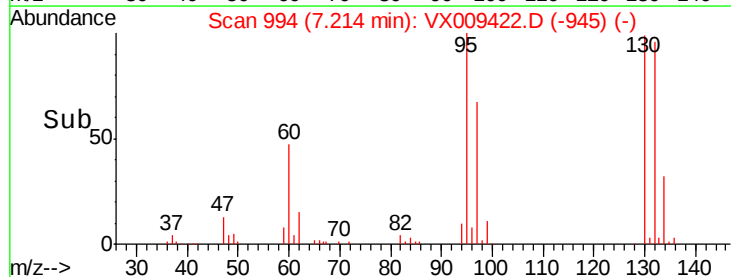
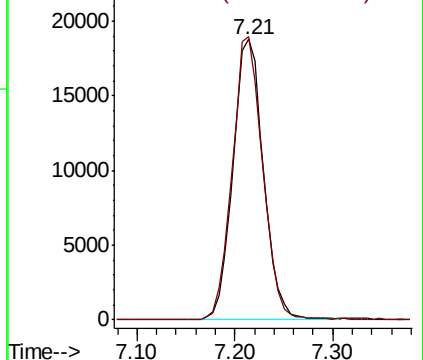
#44

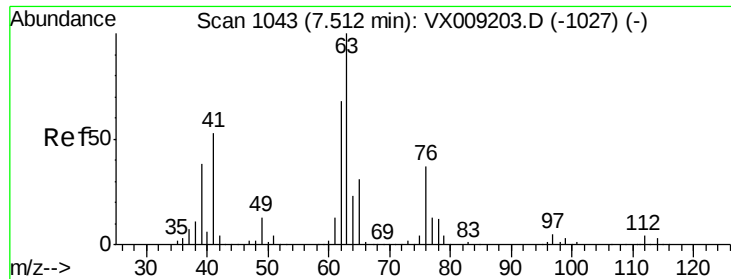
Trichloroethene
 Concen: 22.872 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion:130 Resp: 40714
 Ion Ratio Lower Upper
 130 100
 95 100.9 0.0 199.2



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

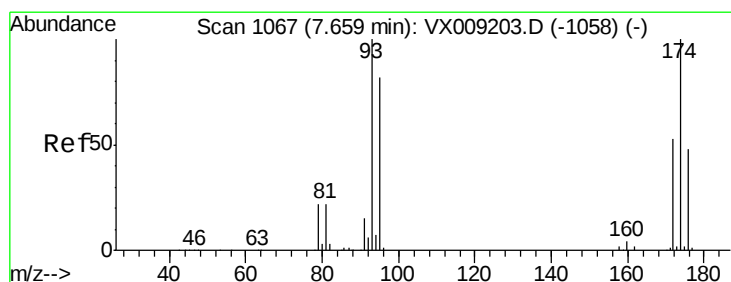
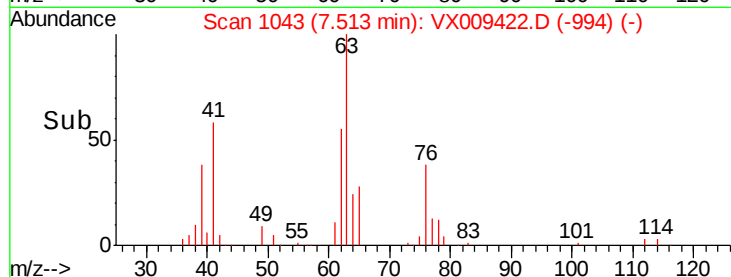
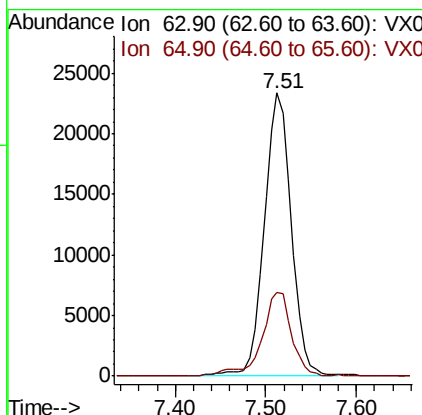
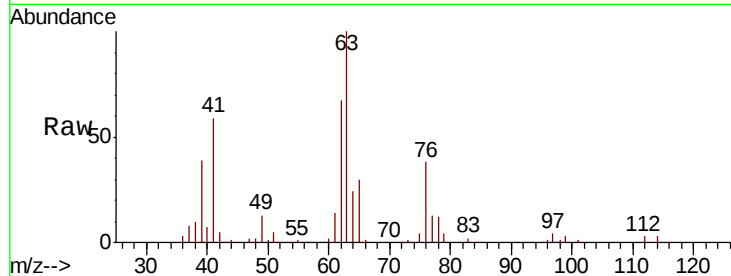




#45
 1,2-Dichloropropane
 Concen: 23.088 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

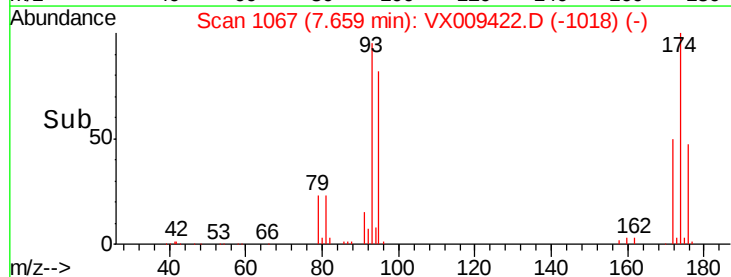
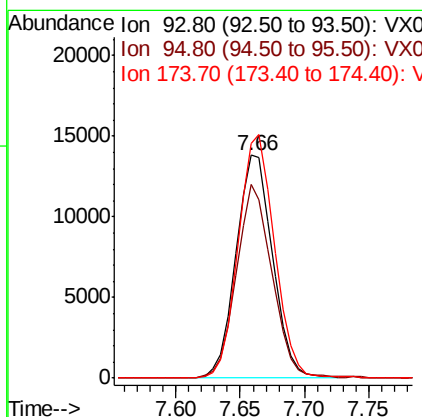
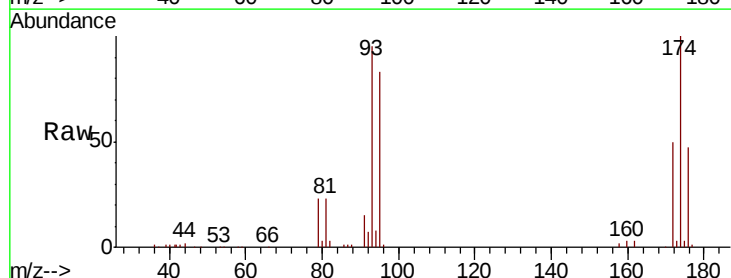
Instrument :
 MSVOA_X
 ClientSampled :

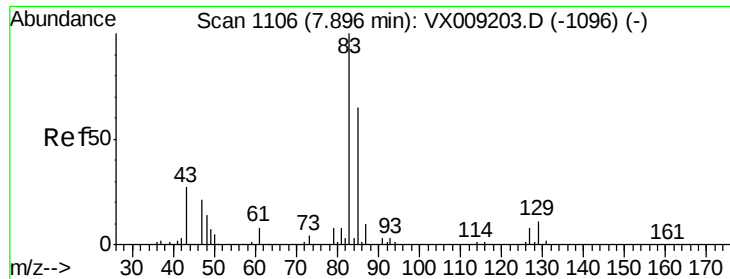
Tot Ion: 63 Resp: 48139
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 22.496 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion: 93 Resp: 27237
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.5 99.7
 174 107.8 82.1 123.1





#47

Bromodichloromethane

Concen: 22.702 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

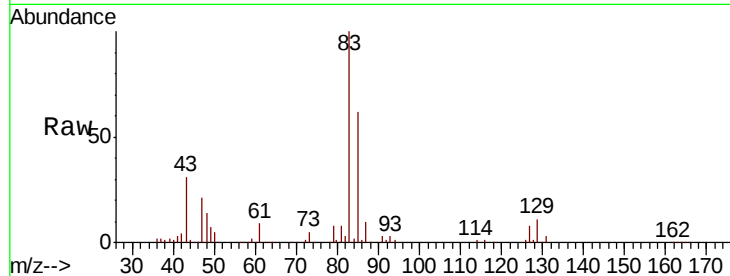
Tot Ion: 83 Resp: 54829

Ion Ratio Lower Upper

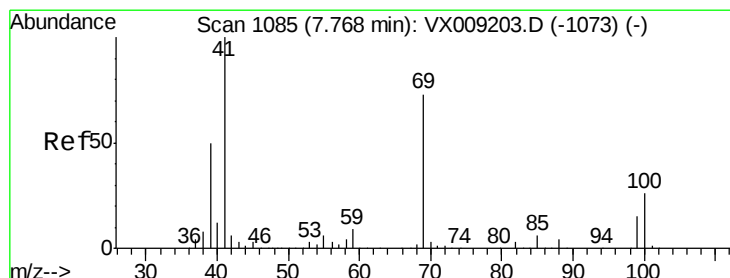
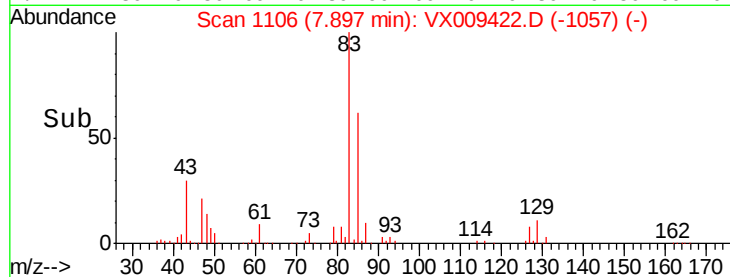
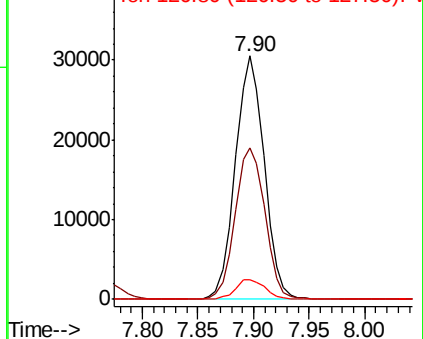
83 100

85 62.5 52.4 78.6

127 8.3 6.6 10.0



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



#48

Methyl methacrylate

Concen: 22.899 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

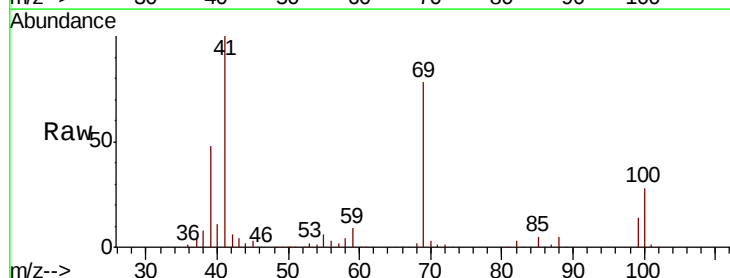
Tgt Ion: 41 Resp: 60239

Ion Ratio Lower Upper

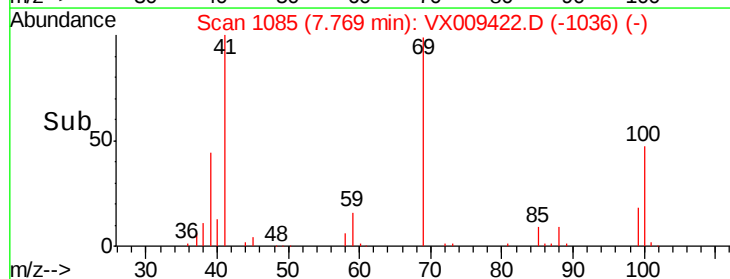
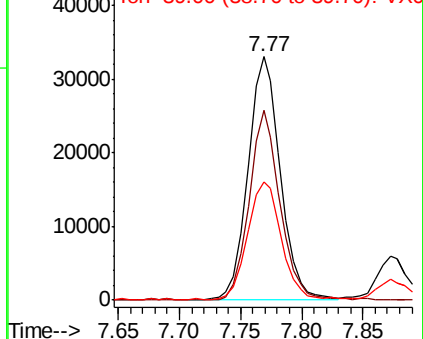
41 100

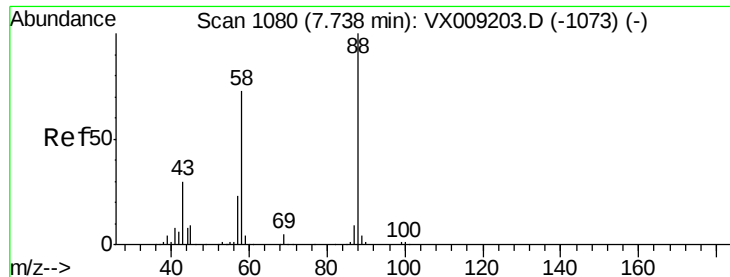
69 75.4 59.1 88.7

39 50.8 40.4 60.6



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: 449.373 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

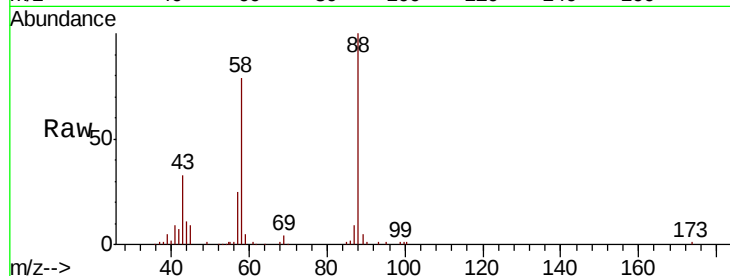
Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 23974

Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	42.8
58	78.9	61.7	92.5



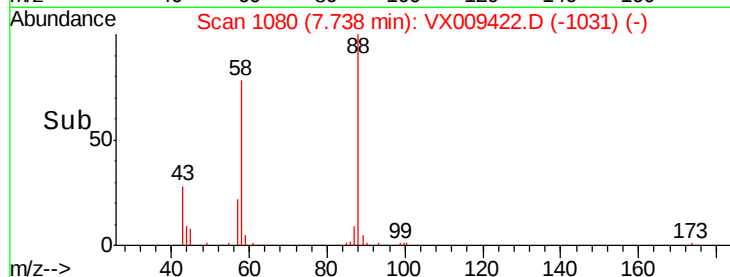
Abundance

Ion 88.00 (87.70 to 88.70): VX0

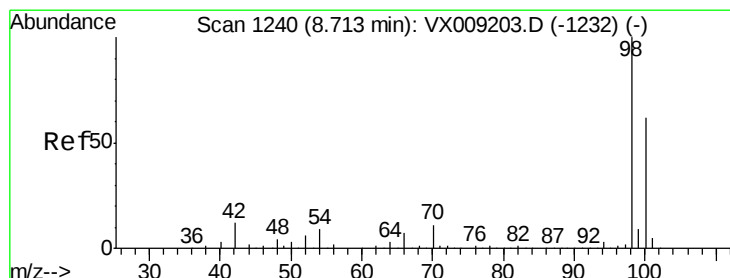
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 53.939 ug/l

RT: 8.71 min Scan# 1240

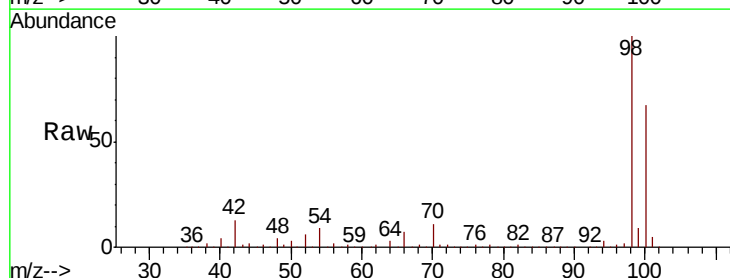
Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Tgt Ion: 98 Resp: 350483

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.2	76.8

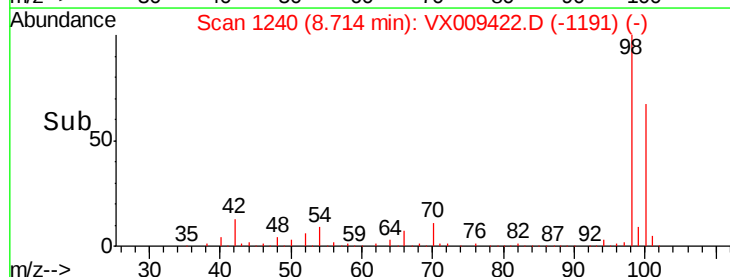


Abundance

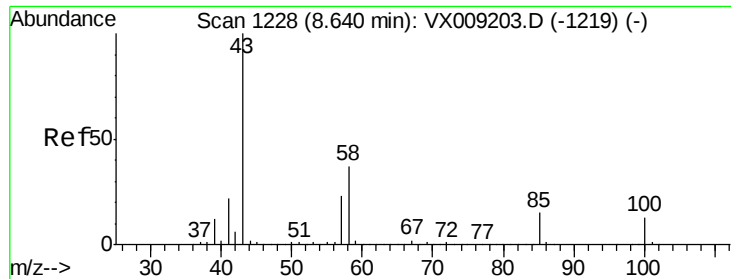
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

Time-->



Time-->



#51

4-Methyl-2-Pentanone

Concen: 115.051 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

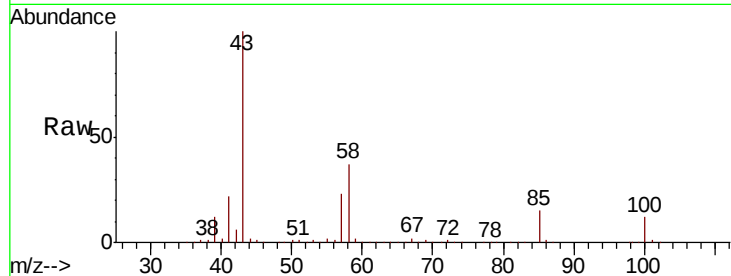
ClientSampled :

Tot Ion: 43 Resp: 398746

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

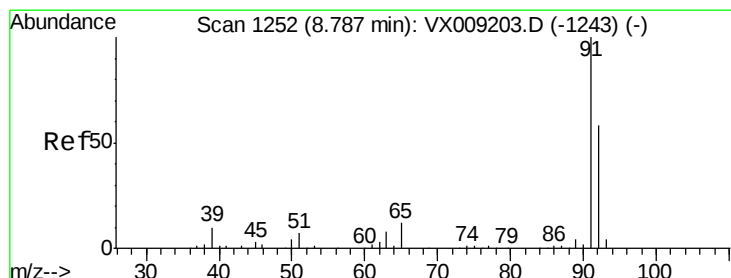
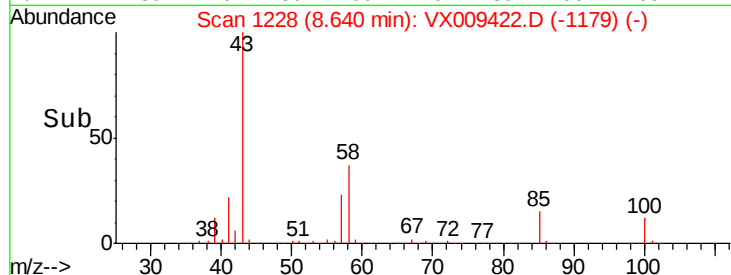
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 23.314 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009422.D

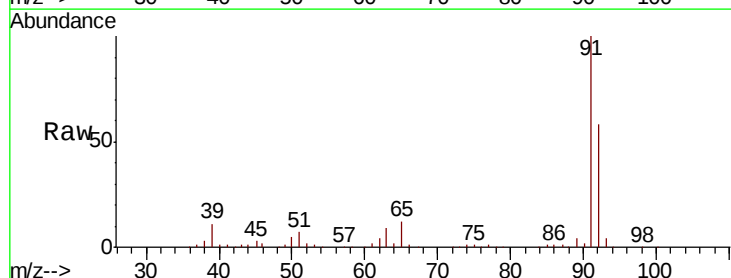
Acq: 09 May 2019 13:04

Tgt Ion: 92 Resp: 104353

Ion Ratio Lower Upper

92 100

91 174.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

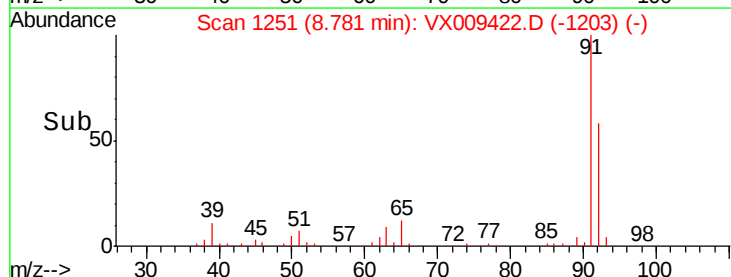
8.78

100000

50000

0

Time-->

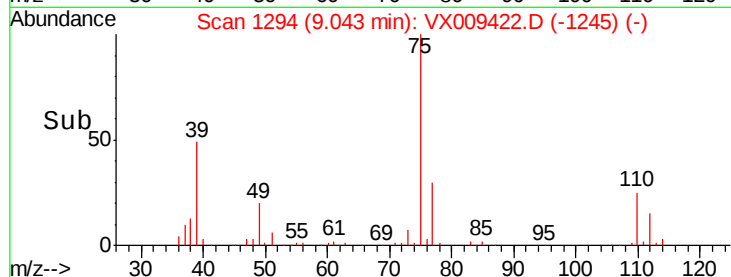
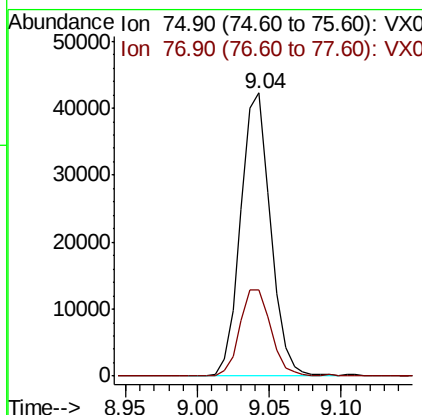
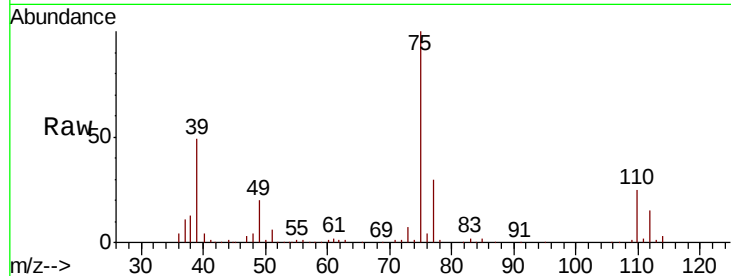




#53
t-1,3-Dichloropropene
Concen: 22.389 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

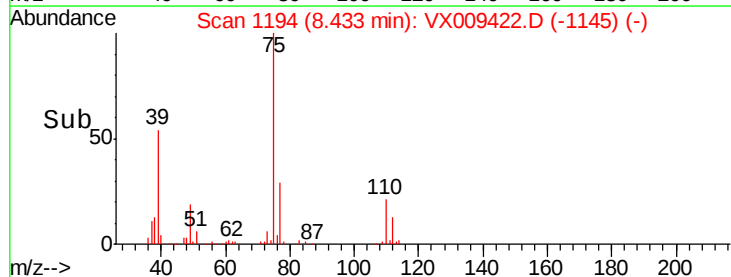
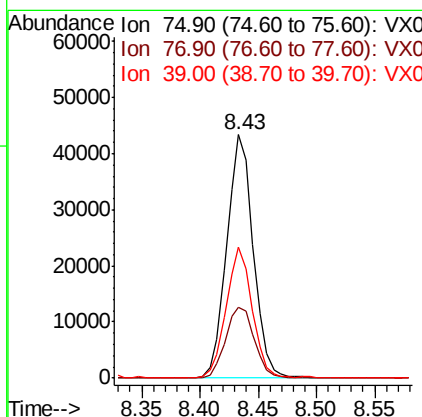
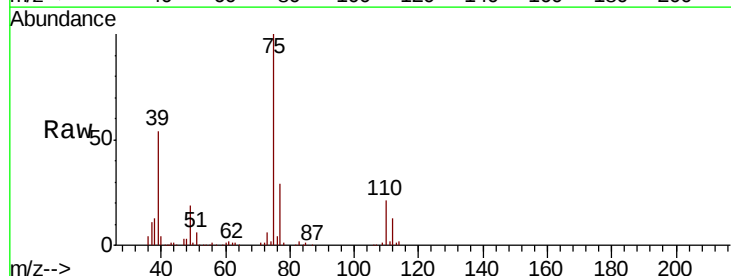
Instrument :
MSVOA_X
ClientSampleId :

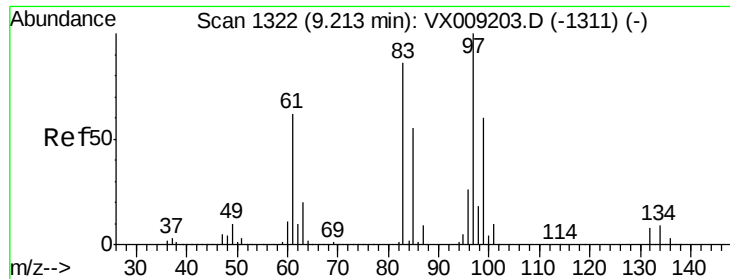
Tot Ion: 75 Resp: 61049
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 22.753 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 75 Resp: 68671
Ion Ratio Lower Upper
75 100
77 29.2 24.6 36.8
39 53.7 40.6 60.8

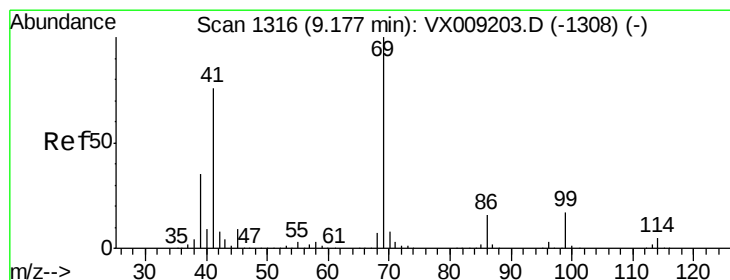
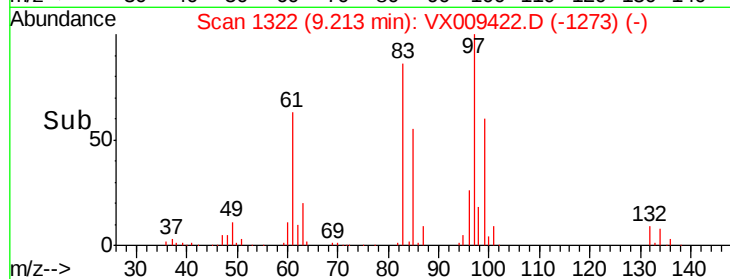
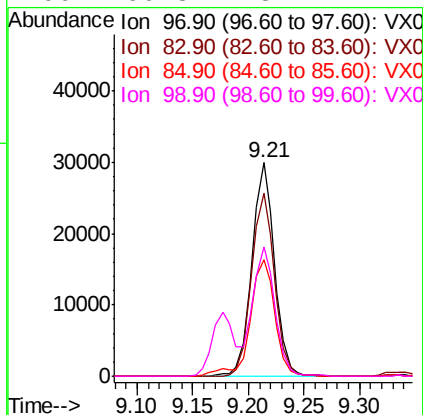
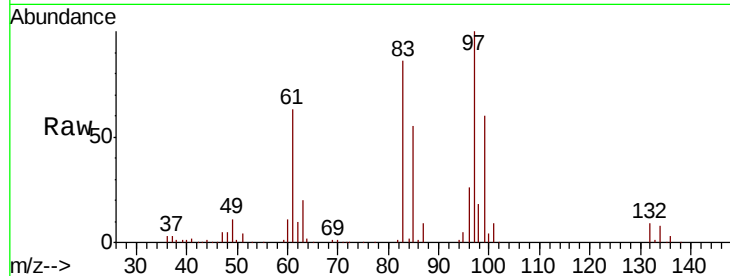




#55
 1,1,2-Trichloroethane
 Concen: 23.107 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

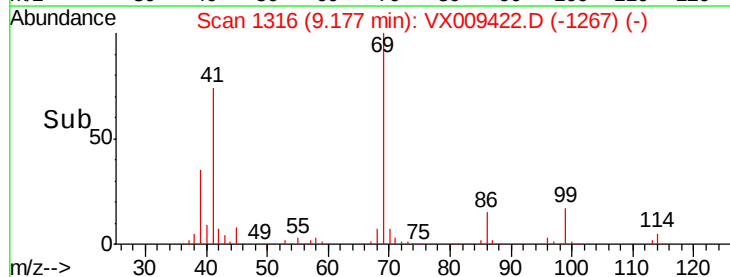
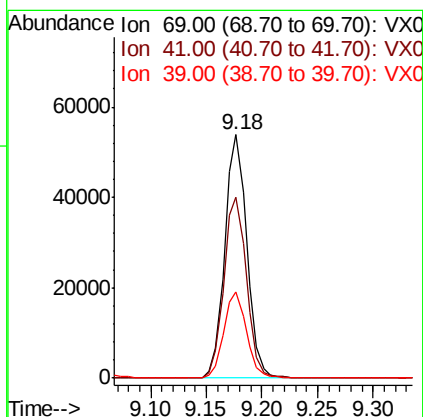
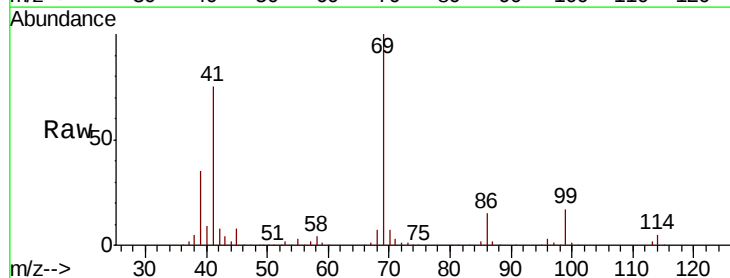
Instrument :
 MSVOA_X
 ClientSampled :

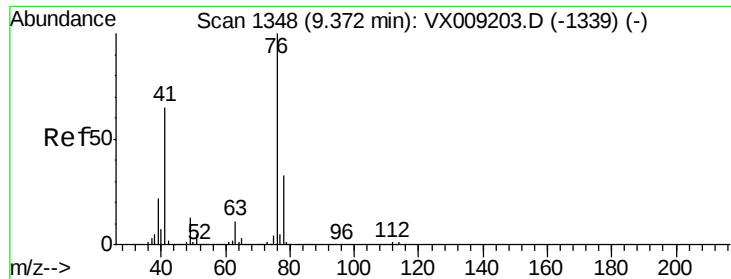
Tot Ion:	97	Resp:	42195
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.9	103.3
85	54.8	43.8	65.6
99	60.3	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 22.757 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion:	69	Resp:	74179
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.6	90.8
39	35.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 22.899 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

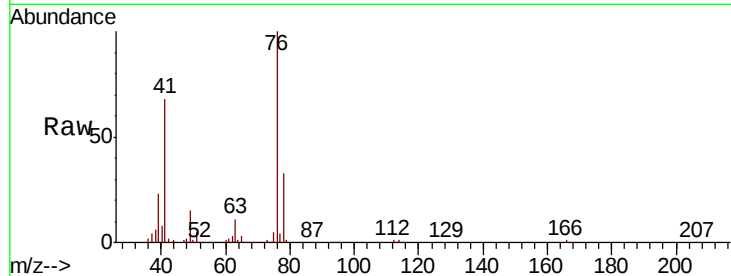
ClientSampled :

Tot Ion: 76 Resp: 73584

Ion Ratio Lower Upper

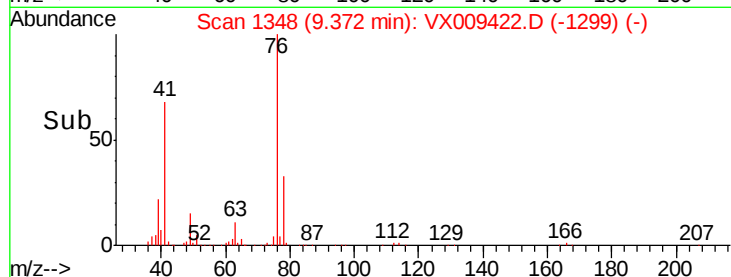
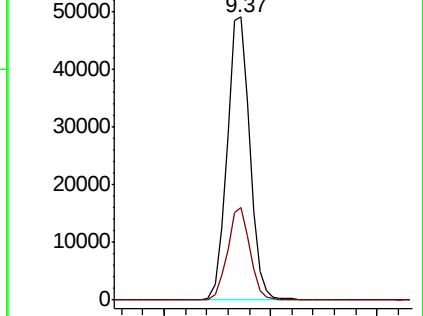
76 100

78 32.2 25.5 38.3

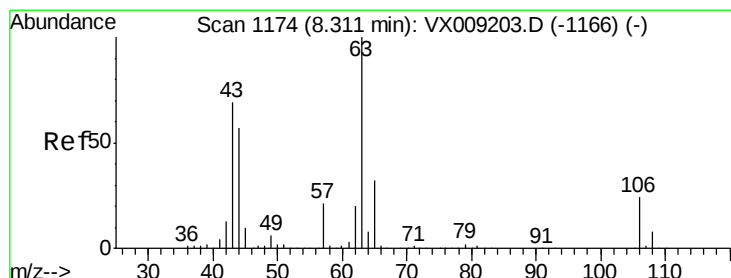


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 98.547 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009422.D

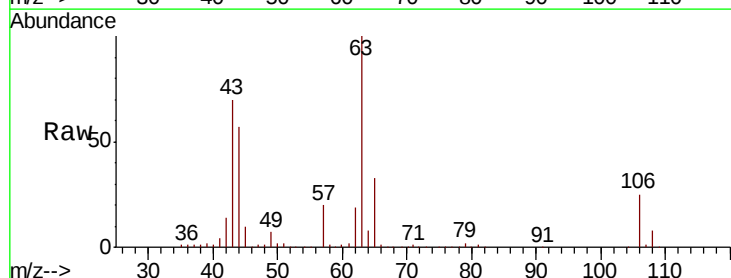
Acq: 09 May 2019 13:04

Tgt Ion: 63 Resp: 170410

Ion Ratio Lower Upper

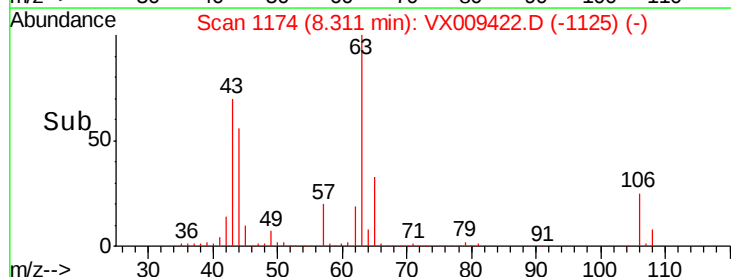
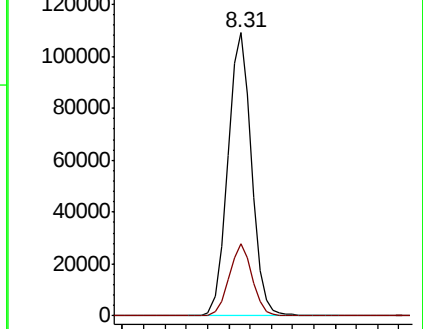
63 100

106 24.8 19.7 29.5

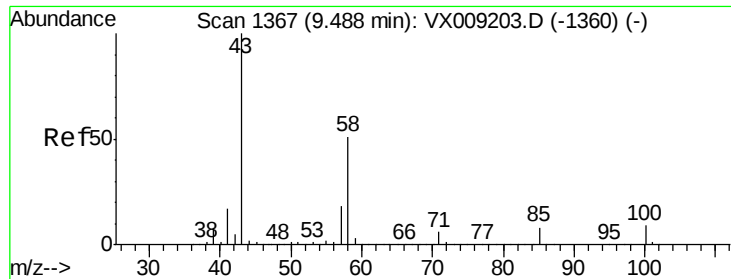


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



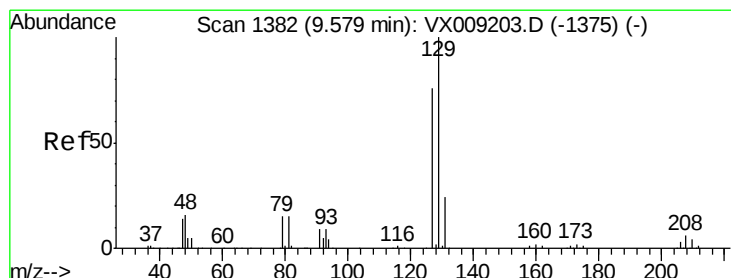
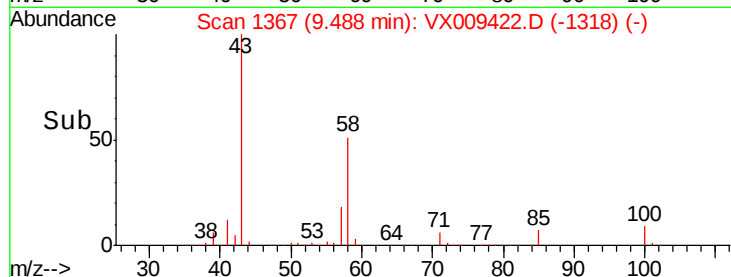
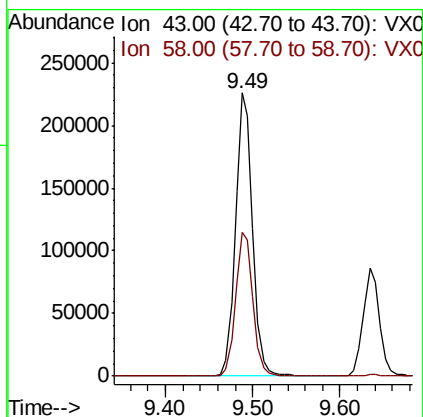
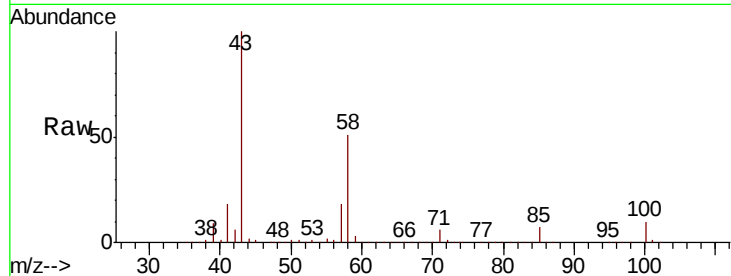
Time-->



#59
2-Hexanone
Concen: 112.913 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

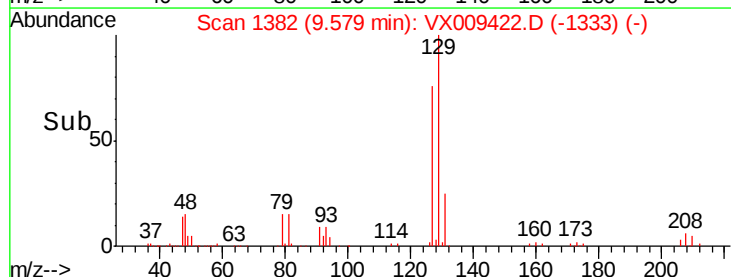
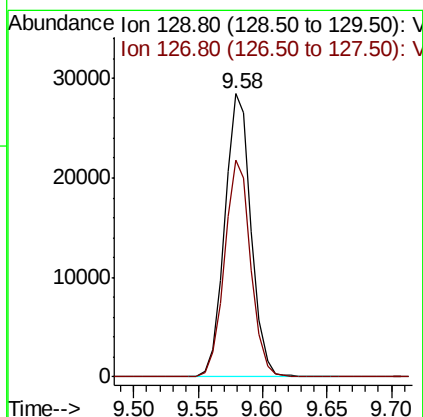
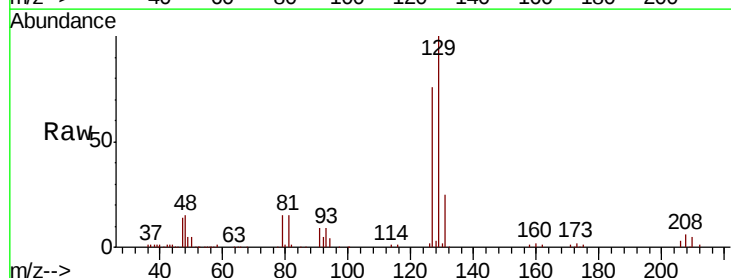
Instrument :
MSVOA_X
ClientSampled :

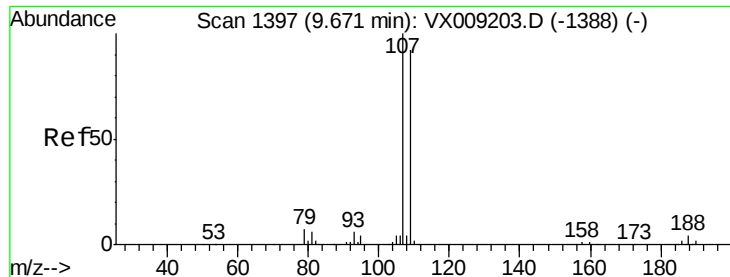
Tot Ion: 43 Resp: 307348
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 22.875 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion:129 Resp: 40797
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.1

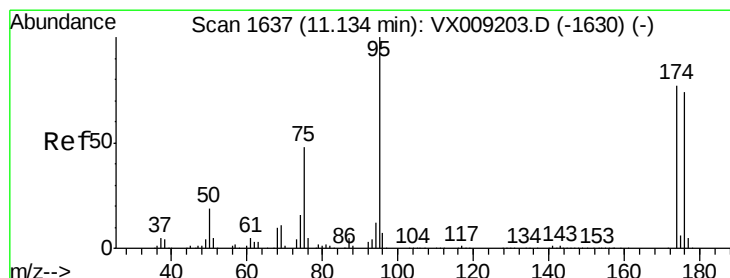
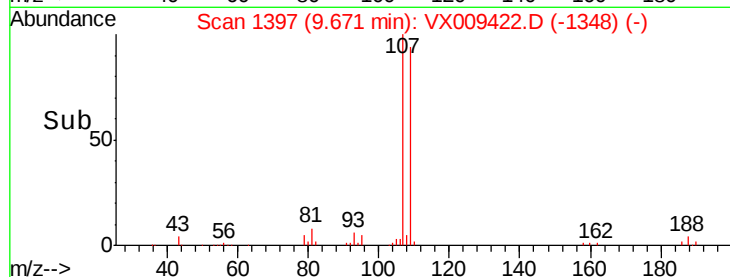
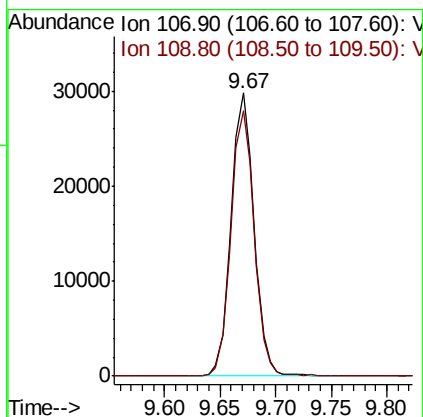
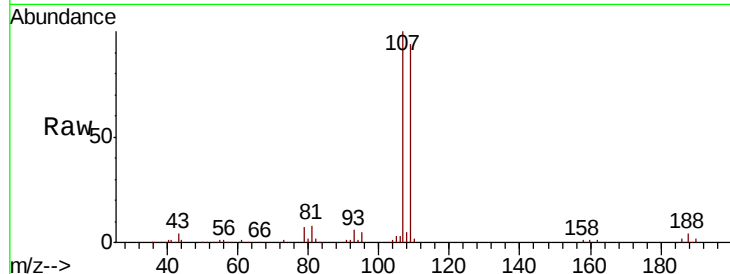




#61
 1,2-Dibromoethane
 Concen: 23.129 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

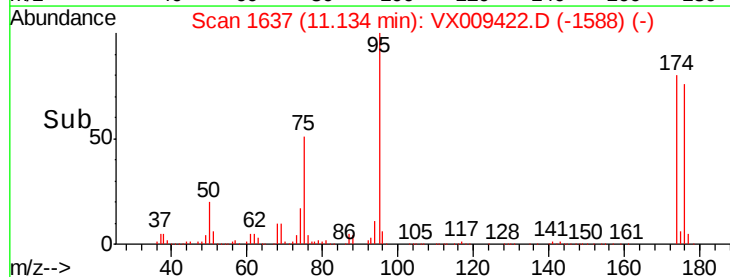
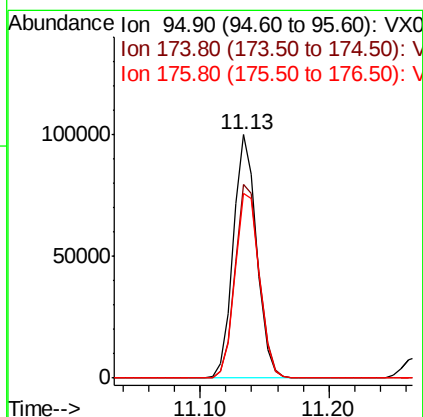
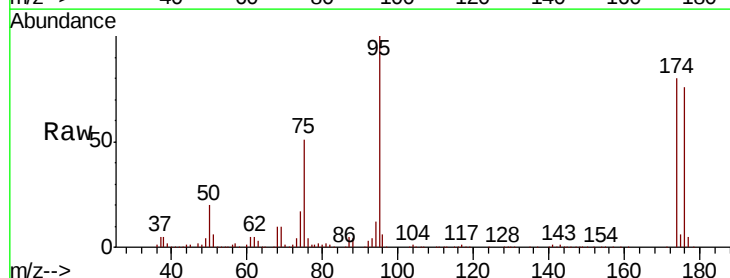
Instrument :
 MSVOA_X
 ClientSampleId :

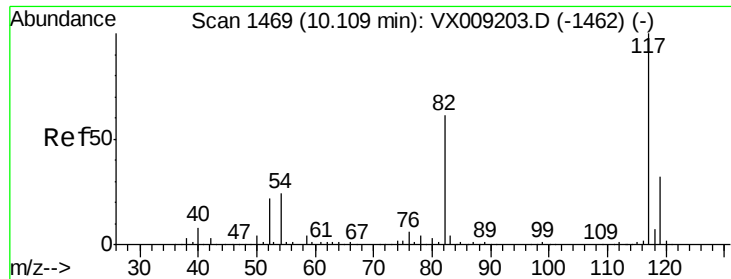
Tot Ion:107 Resp: 42633
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 53.636 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion: 95 Resp: 126637
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 161.6
 176 79.6 0.0 159.2

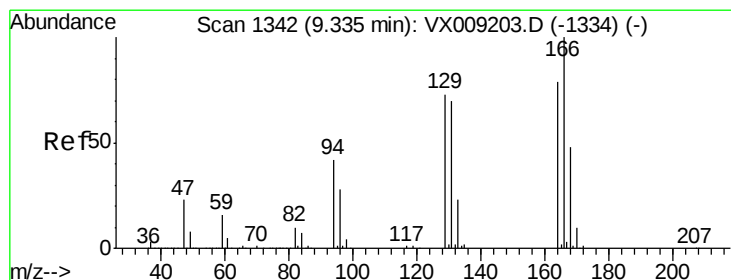
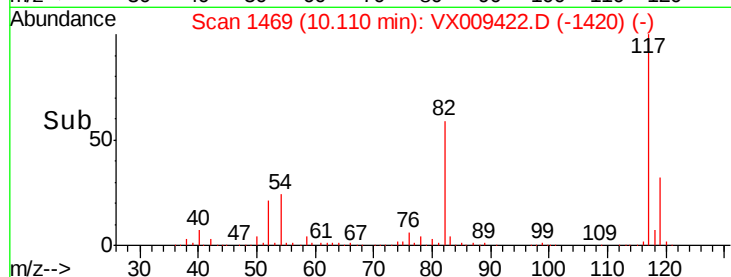
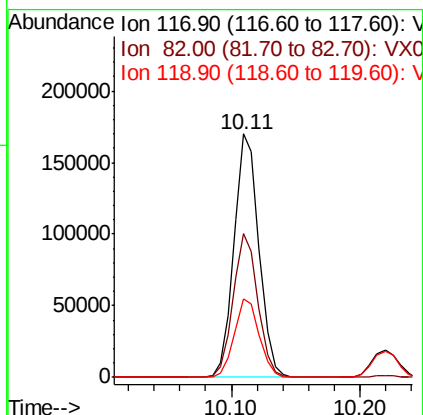
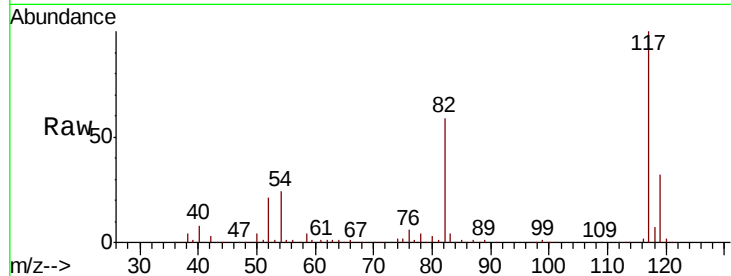




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

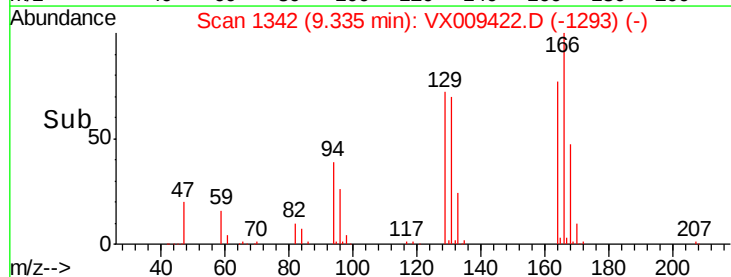
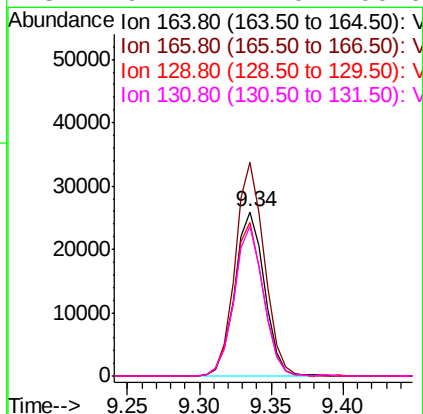
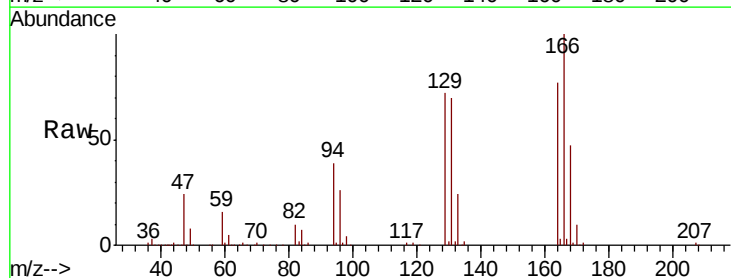
Instrument :
MSVOA_X
ClientSampleId :

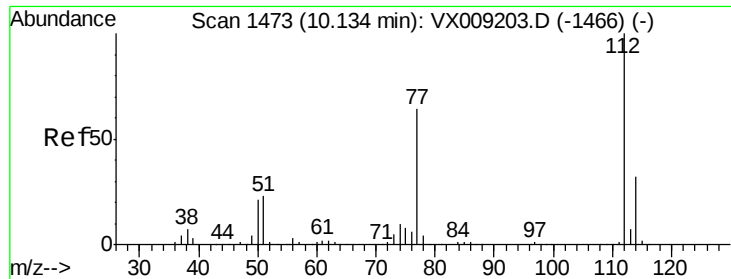
Tot Ion:117 Resp: 228958
Ion Ratio Lower Upper
117 100
82 59.0 48.8 73.2
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 23.717 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion:164 Resp: 37249
Ion Ratio Lower Upper
164 100
166 130.3 101.2 151.8
129 93.9 74.3 111.5
131 91.1 71.0 106.6

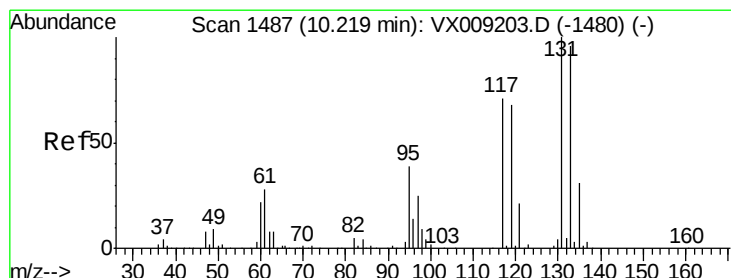
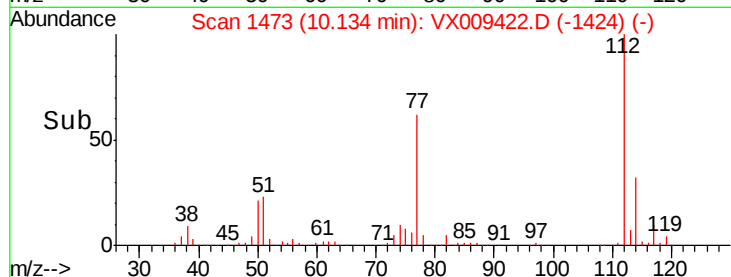
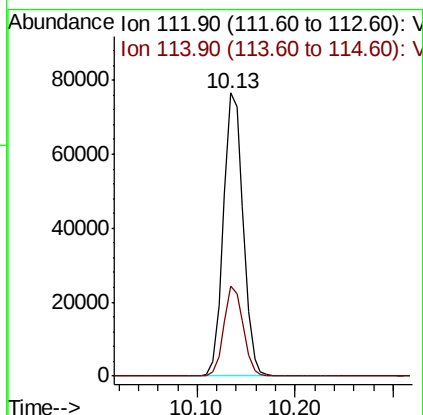
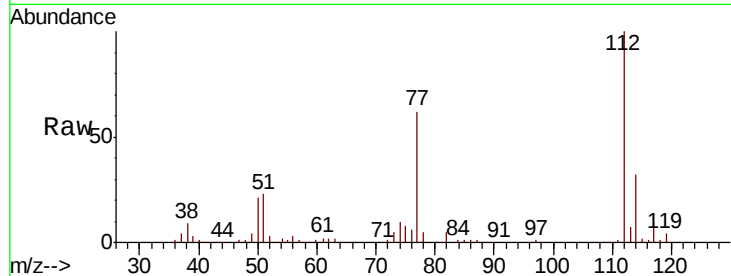




#65
Chlorobenzene
Concen: 23.399 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

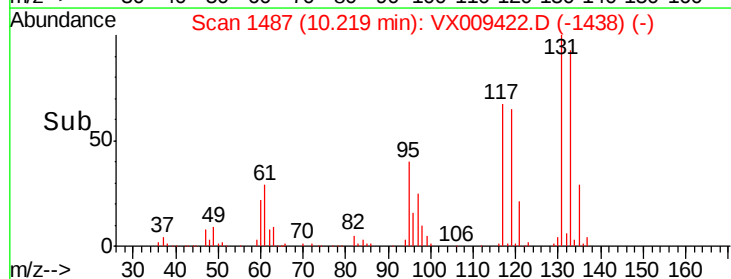
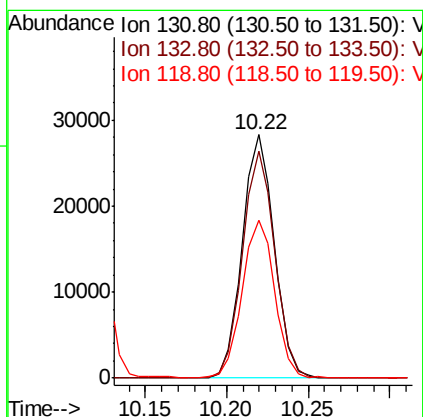
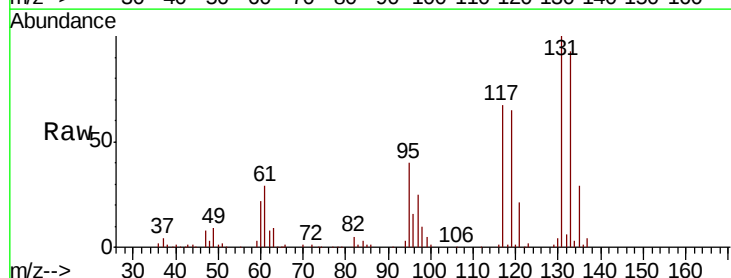
Instrument :
MSVOA_X
ClientSampleId :

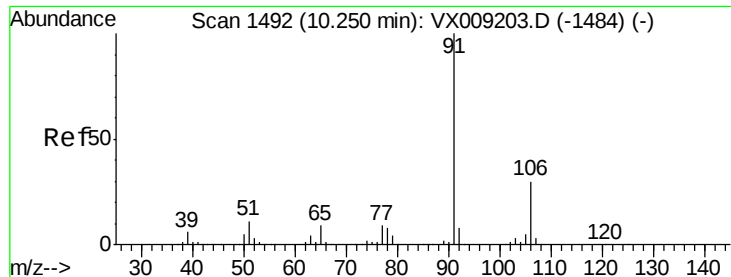
Tot Ion:112 Resp: 107170
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.280 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion:131 Resp: 38656
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 66.1 33.5 100.4

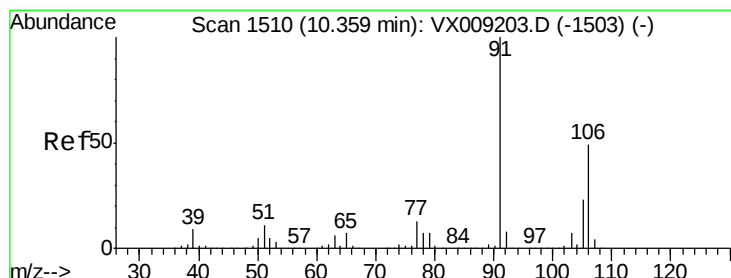
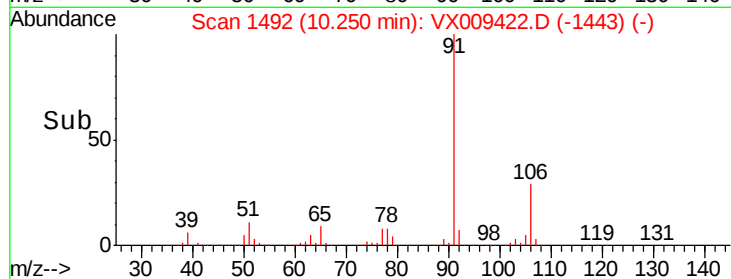
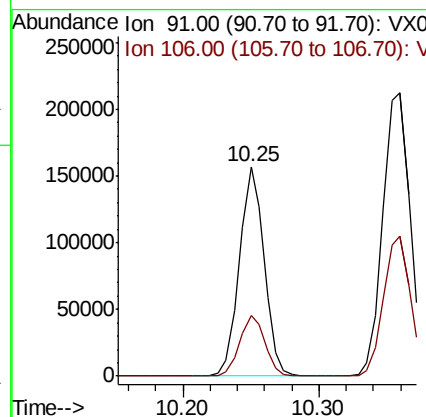
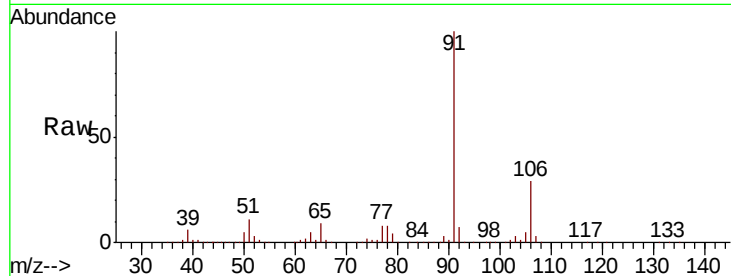




#67
Ethyl Benzene
Concen: 23.564 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

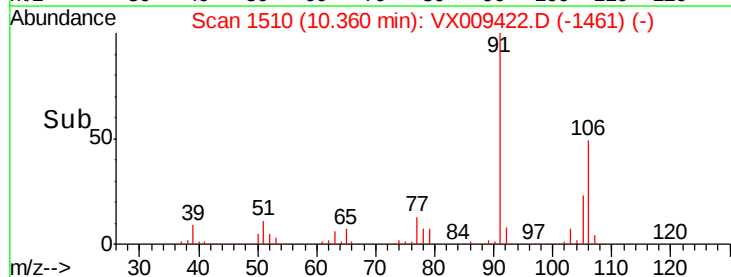
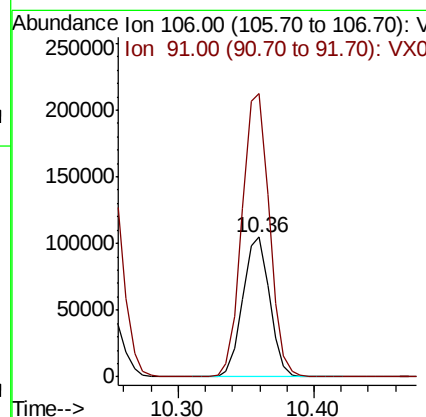
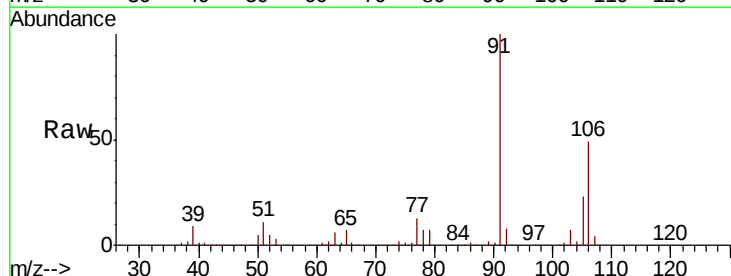
Instrument :
MSVOA_X
ClientSampled :

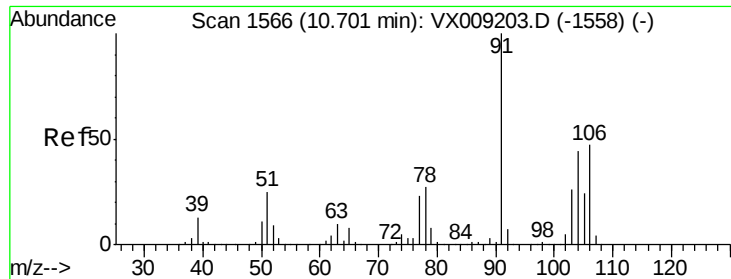
Tot Ion: 91 Resp: 198630
Ion Ratio Lower Upper
91 100
106 29.0 24.0 36.0



#68
m/p-Xylenes
Concen: 46.962 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 106 Resp: 144657
Ion Ratio Lower Upper
106 100
91 206.4 164.0 246.0

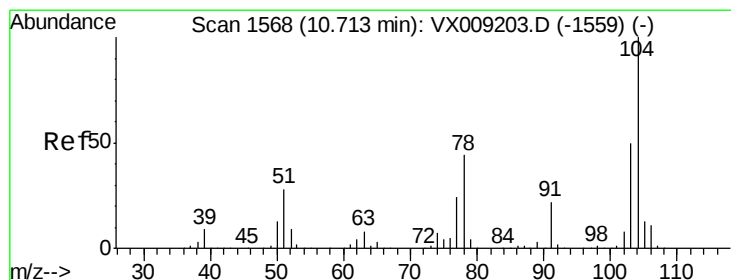
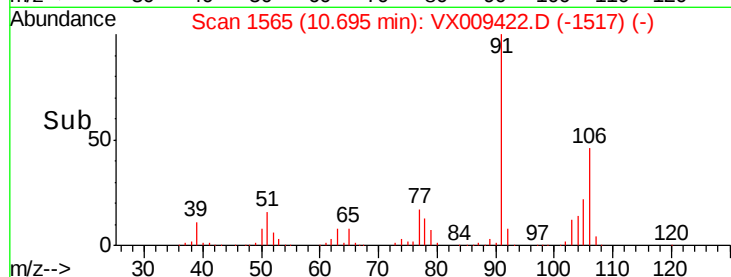
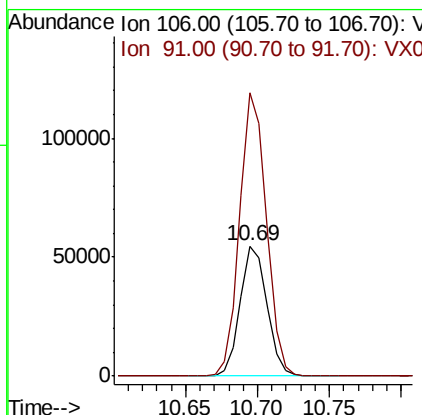
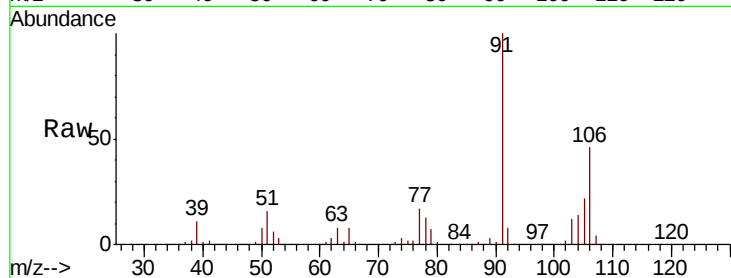




#69
o-Xylene
Concen: 23.356 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

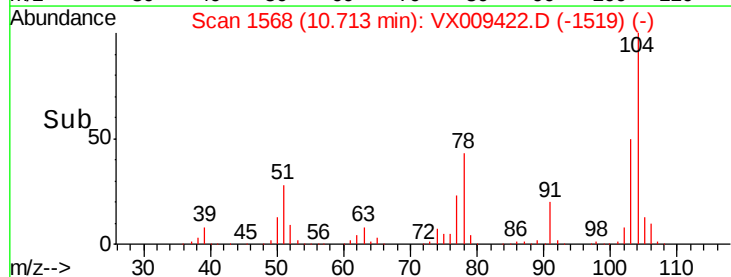
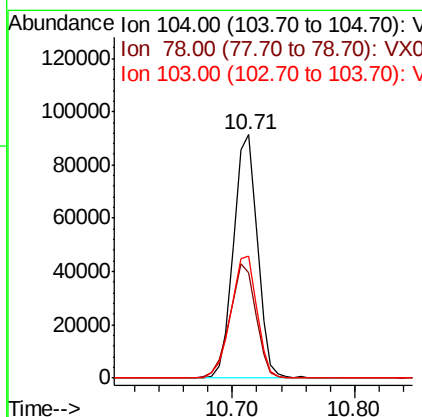
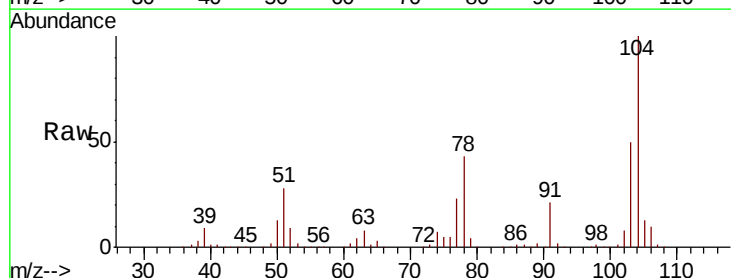
Instrument :
MSVOA_X
ClientSampled :

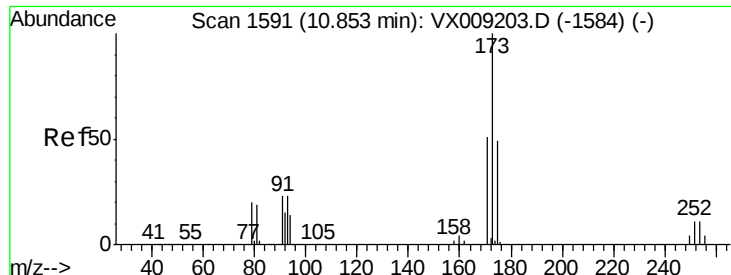
Tot Ion:106 Resp: 70983
Ion Ratio Lower Upper
106 100
91 216.6 109.5 328.4



#70
Styrene
Concen: 23.246 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion:104 Resp: 122794
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.2 43.8 65.6





#71

Bromoform

Concen: 22.727 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

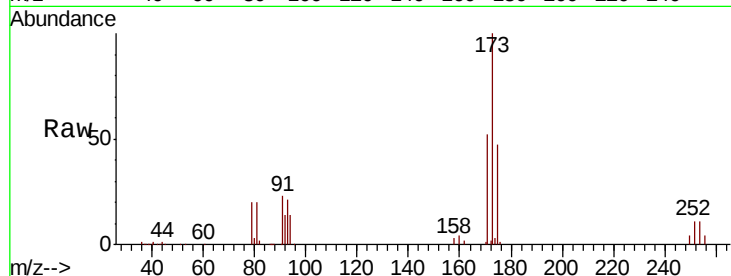
Tot Ion:173 Resp: 30668

Ion Ratio Lower Upper

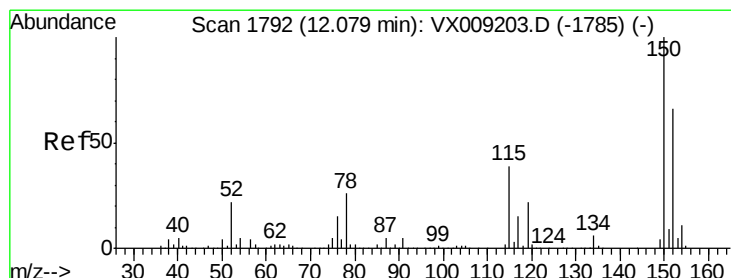
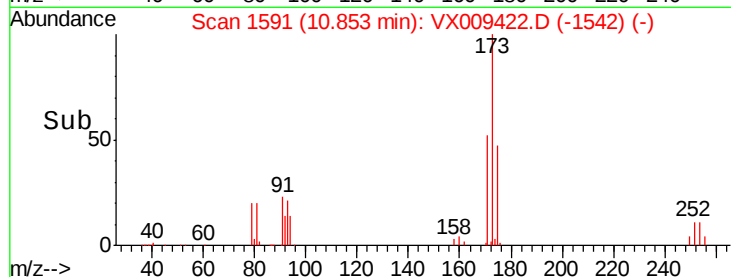
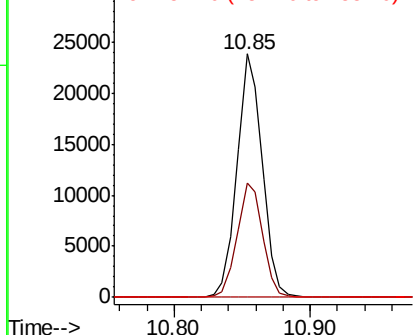
173 100

175 47.6 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

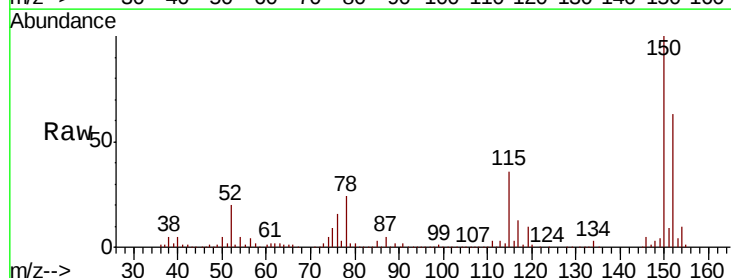
Tgt Ion:152 Resp: 111427

Ion Ratio Lower Upper

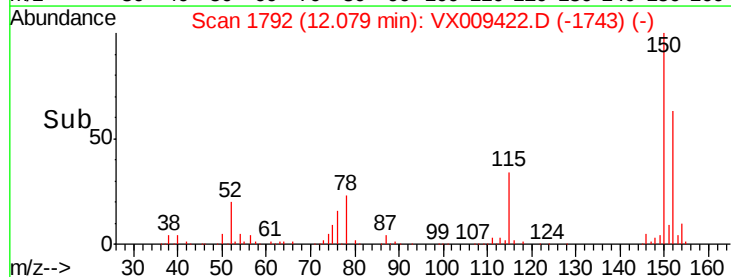
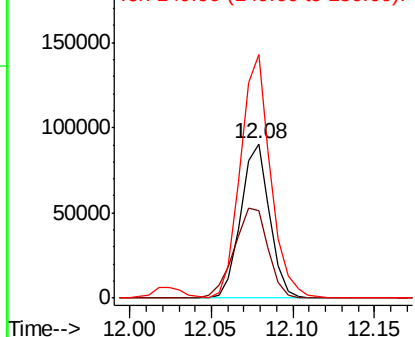
152 100

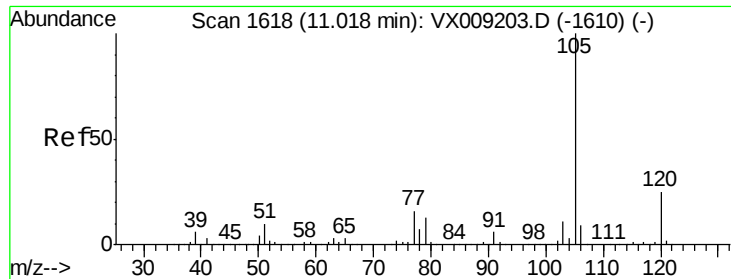
115 69.0 41.2 123.6

150 164.7 0.0 346.4



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





#73

Isopropylbenzene

Concen: 23.305 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

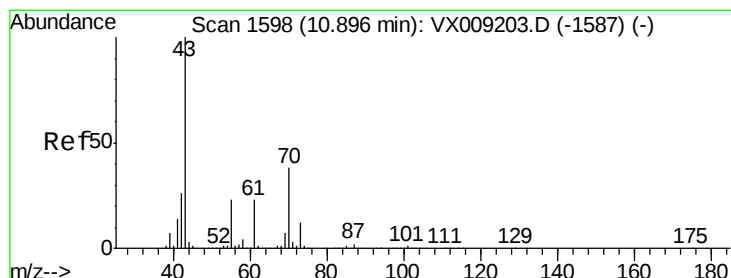
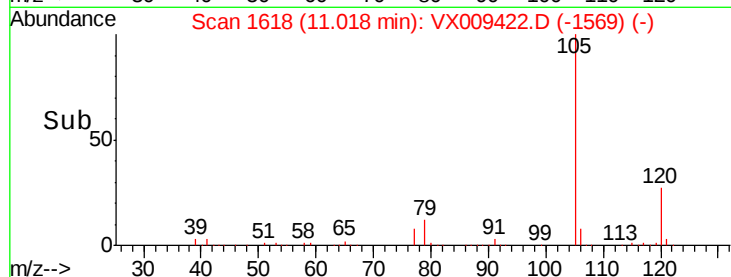
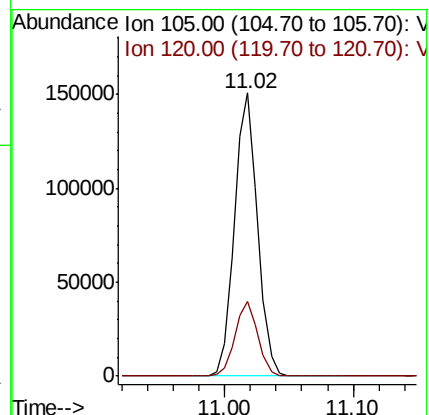
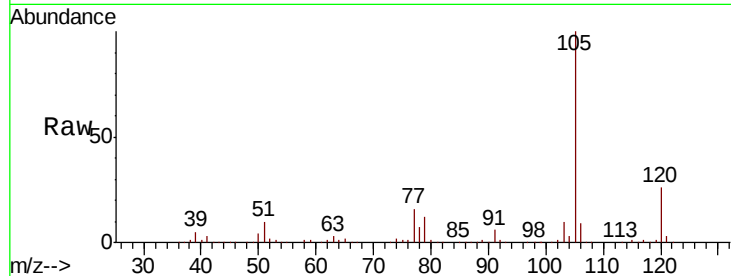
ClientSampleId :

Tot Ion:105 Resp: 188838

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



#74

N-ethyl acetate

Concen: 22.662 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Tgt Ion: 43 Resp: 107058

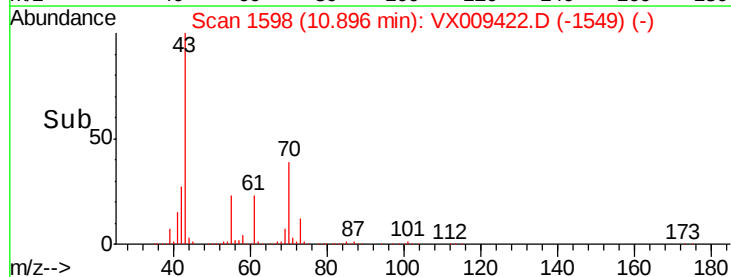
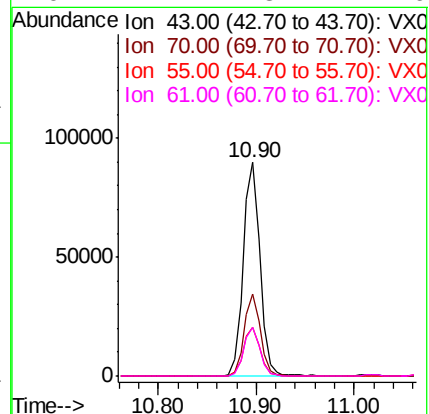
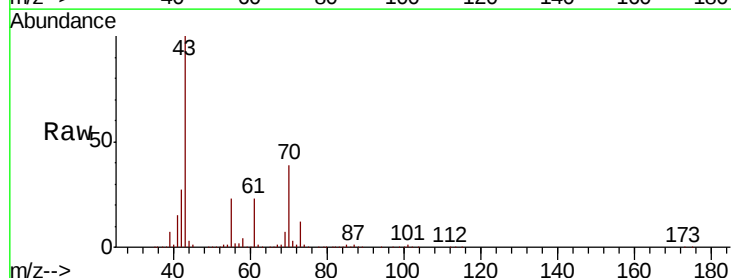
Ion Ratio Lower Upper

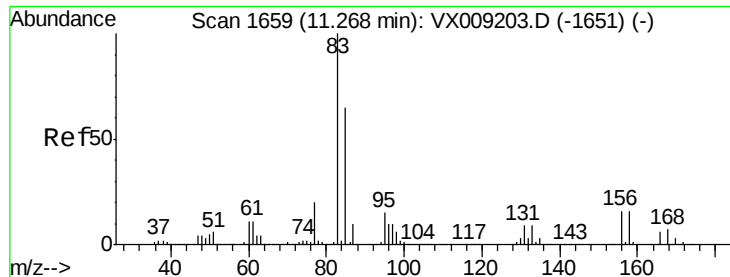
43 100

70 37.1 30.0 45.0

55 22.7 17.9 26.9

61 22.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.796 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

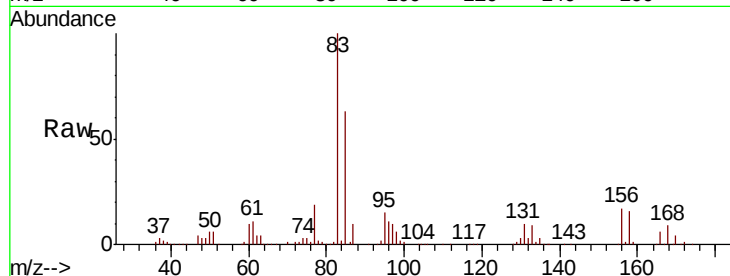
Tot Ion: 83 Resp: 68858

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

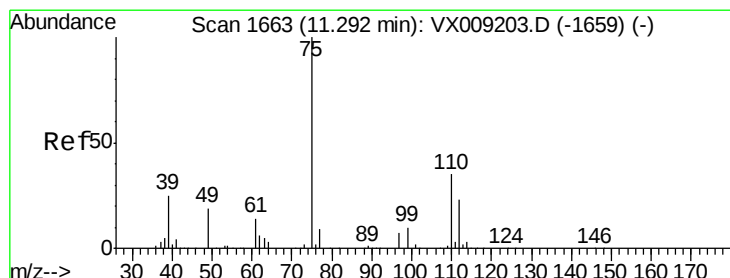
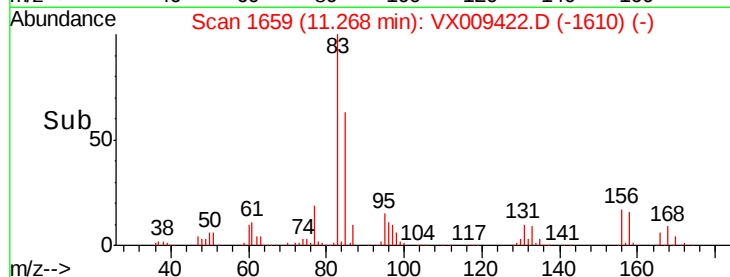
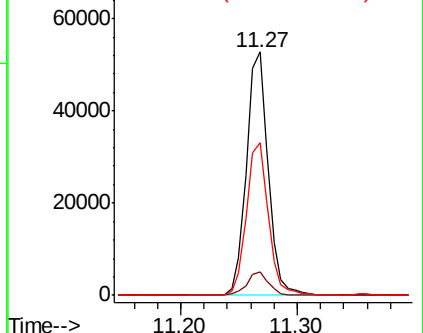
85 63.6 32.0 96.2



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: 30.146 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009422.D

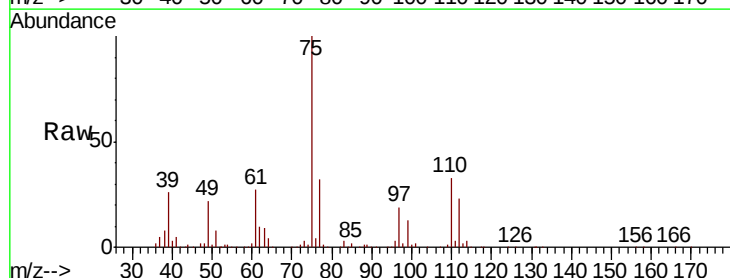
Acq: 09 May 2019 13:04

Tgt Ion: 75 Resp: 77919

Ion Ratio Lower Upper

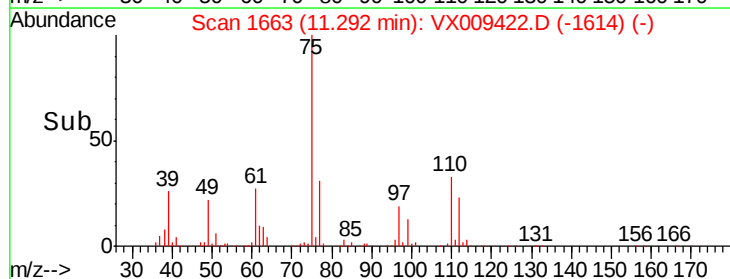
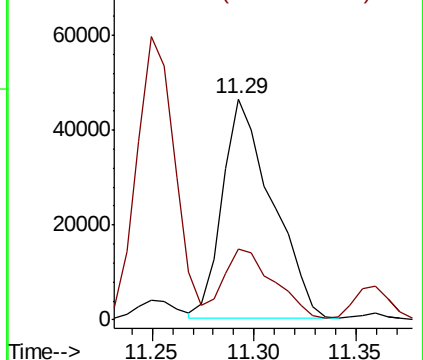
75 100

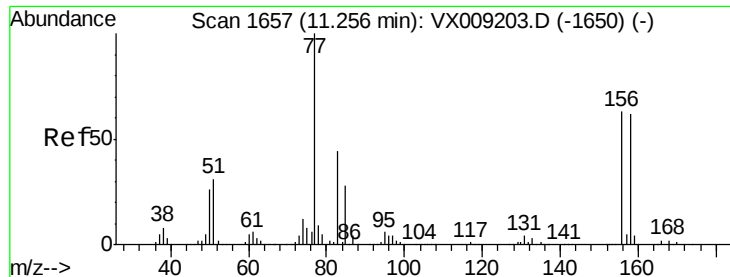
77 33.2 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.531 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

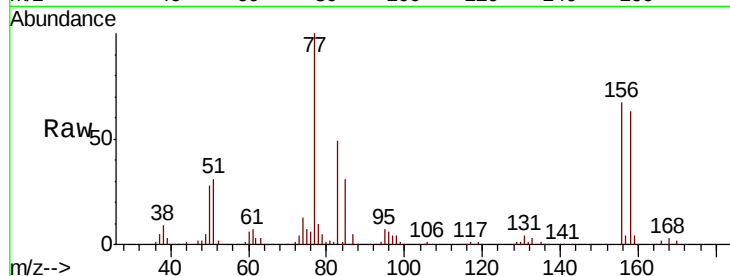
Tot Ion:156 Resp: 47325

Ion Ratio Lower Upper

156 100

77 163.4 84.8 254.3

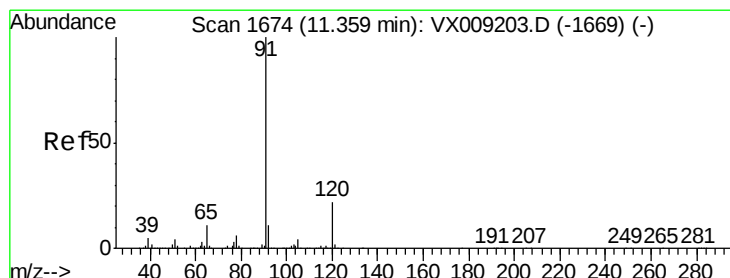
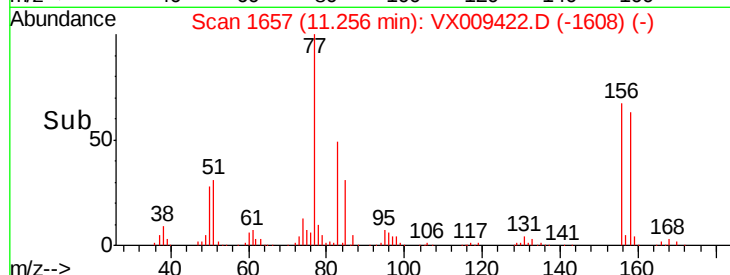
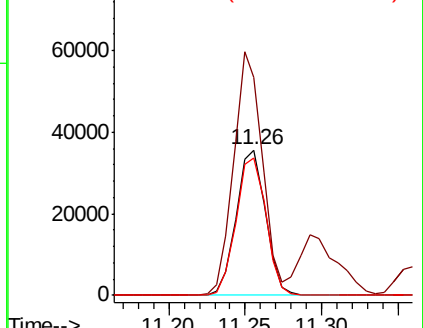
158 96.1 49.1 147.3



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: 23.356 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009422.D

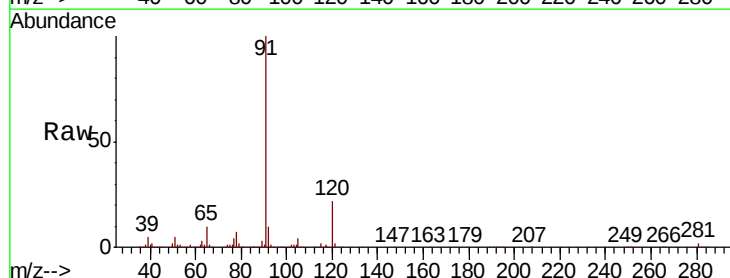
Acq: 09 May 2019 13:04

Tgt Ion: 91 Resp: 216132

Ion Ratio Lower Upper

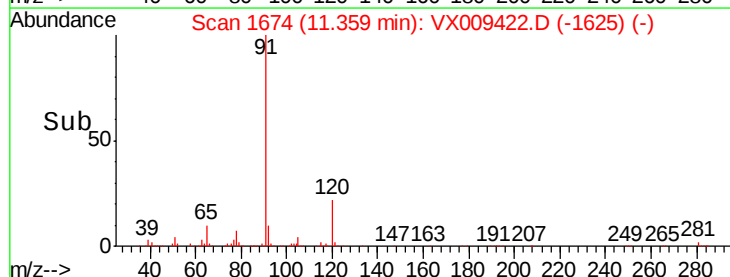
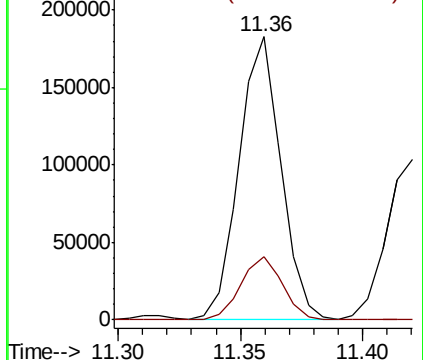
91 100

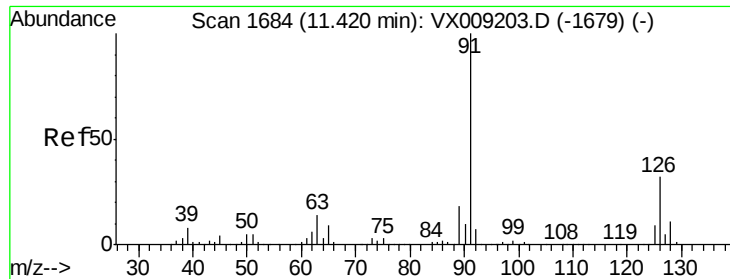
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.567 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

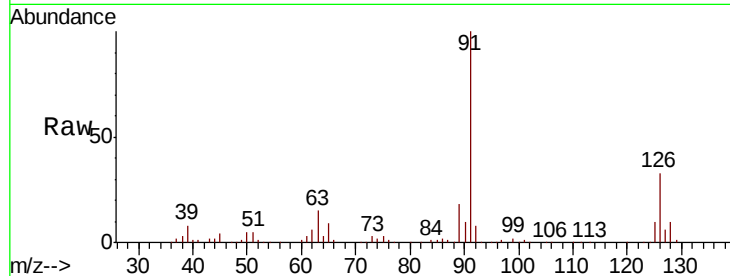
ClientSampled :

Tot Ion: 91 Resp: 128840

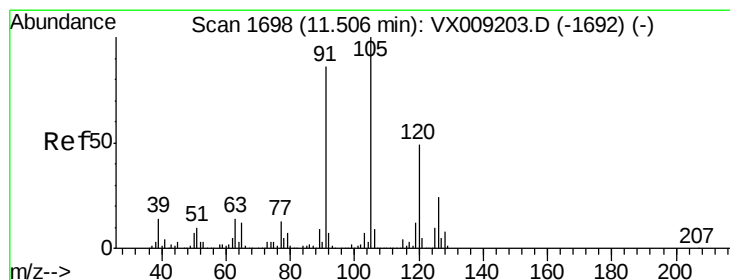
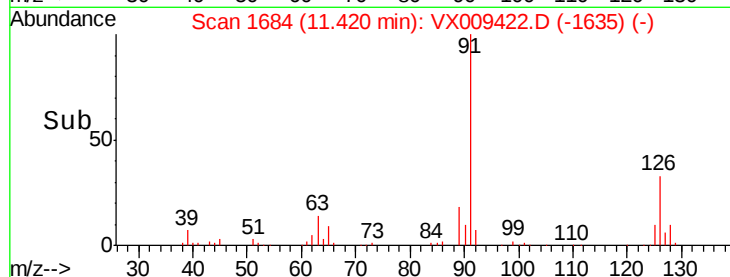
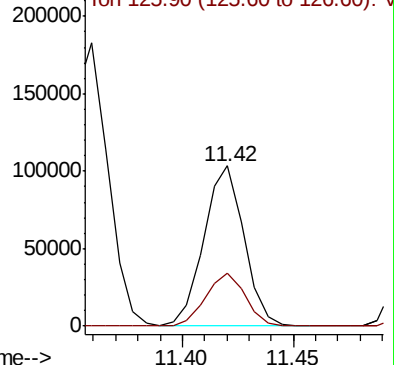
Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009422.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 23.493 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009422.D

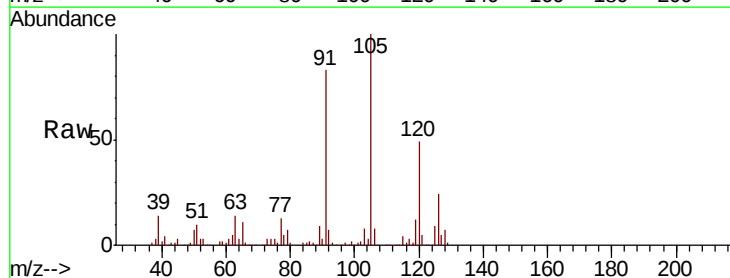
Acq: 09 May 2019 13:04

Tgt Ion:105 Resp: 160282

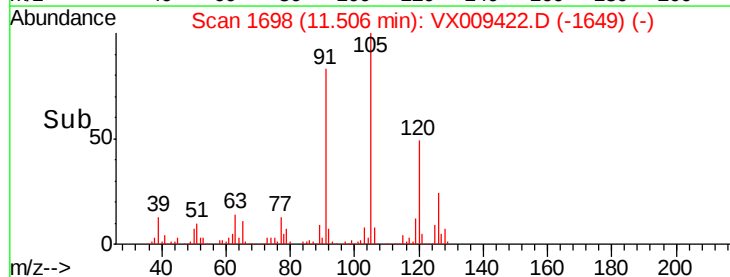
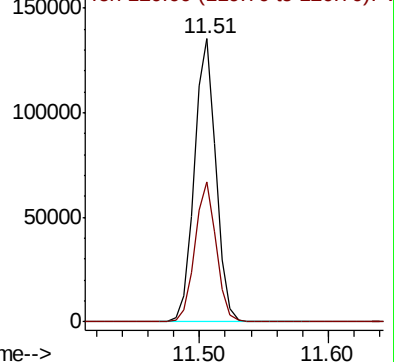
Ion Ratio Lower Upper

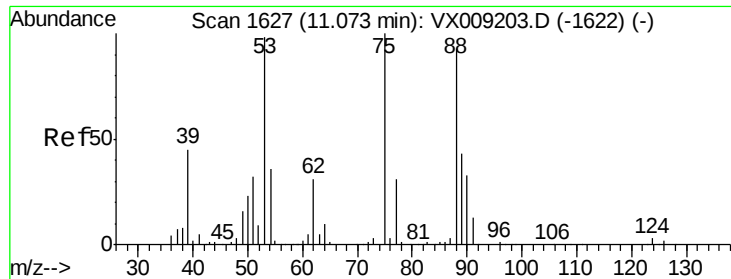
105 100

120 48.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009422.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.492 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

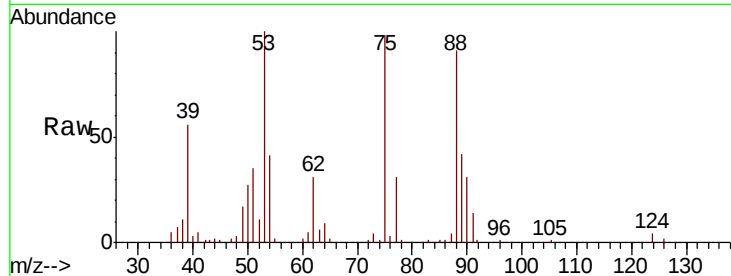
Tot Ion: 75 Resp: 21711

Ion Ratio Lower Upper

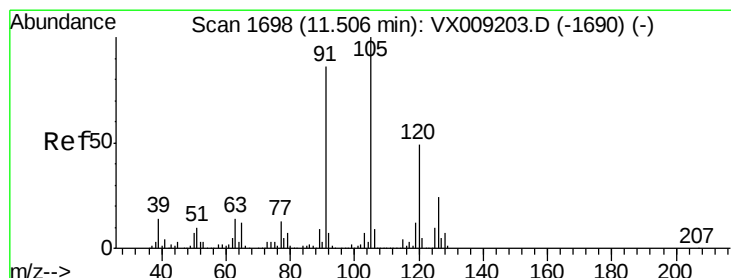
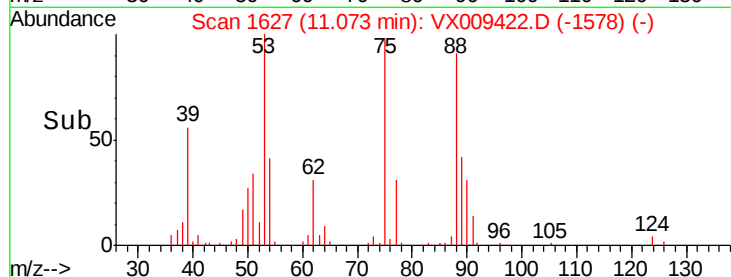
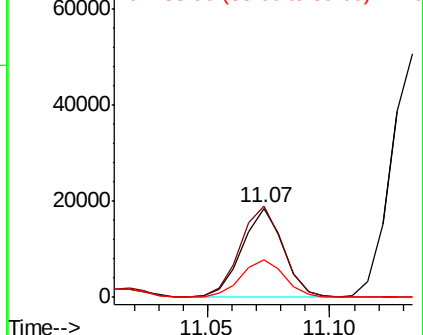
75 100

53 106.1 79.0 118.6

89 44.3 34.7 52.1



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



#82

4-Chlorotoluene

Concen: 22.792 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009422.D

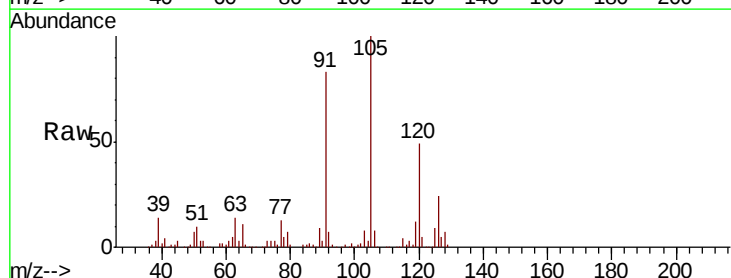
Acq: 09 May 2019 13:04

Tgt Ion: 91 Resp: 147004

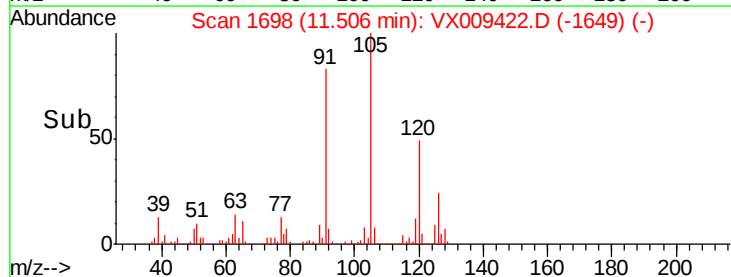
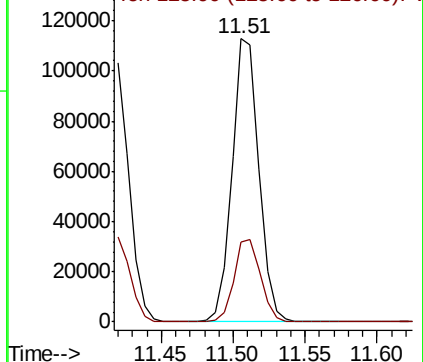
Ion Ratio Lower Upper

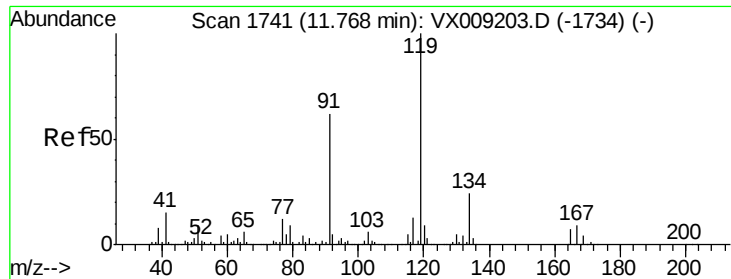
91 100

126 29.0 14.5 43.6



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

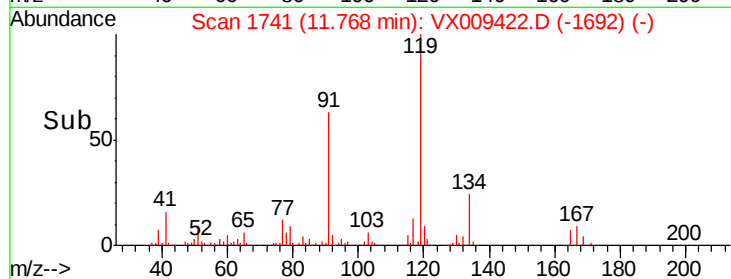
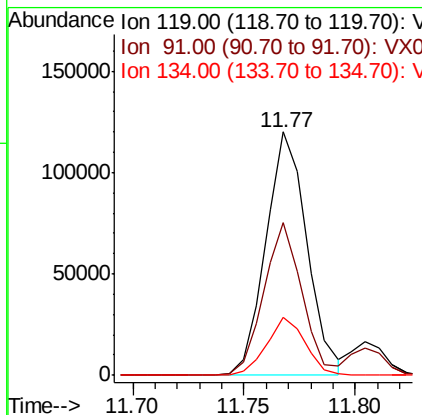
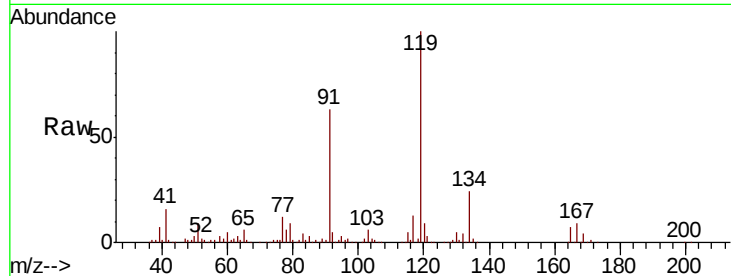




#83
 tert-Butylbenzene
 Concen: 23.178 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

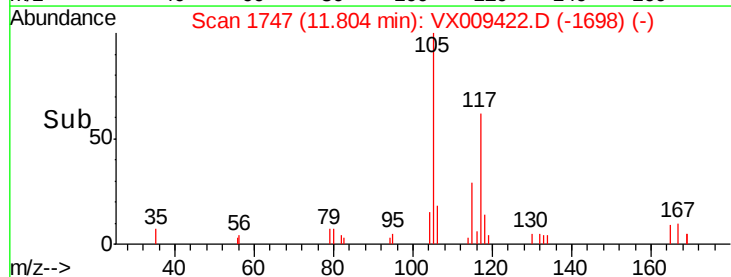
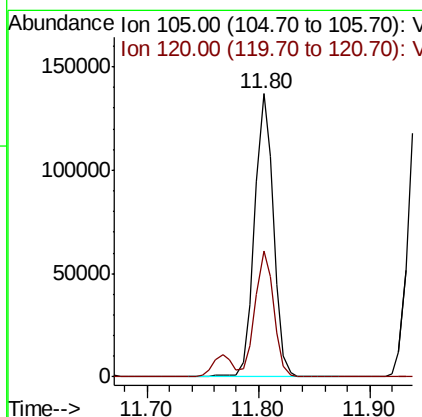
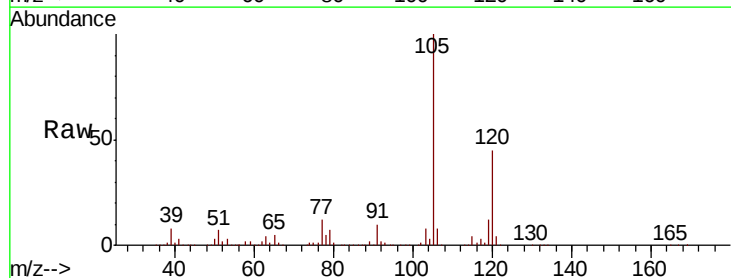
Instrument :
 MSVOA_X
 ClientSampleId :

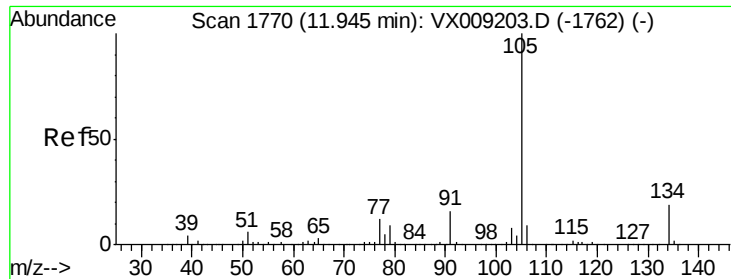
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	29.5	88.5
134	22.4	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.584 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.0	66.0





#85

sec-Butylbenzene

Concen: 23.042 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

Instrument :

MSVOA_X

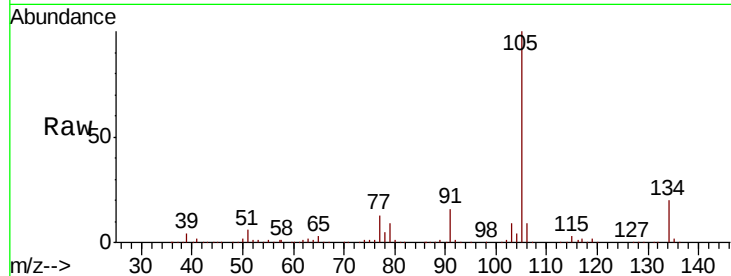
ClientSampleId :

Tot Ion:105 Resp: 181310

Ion Ratio Lower Upper

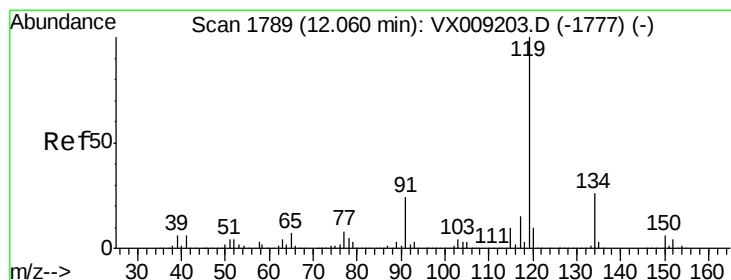
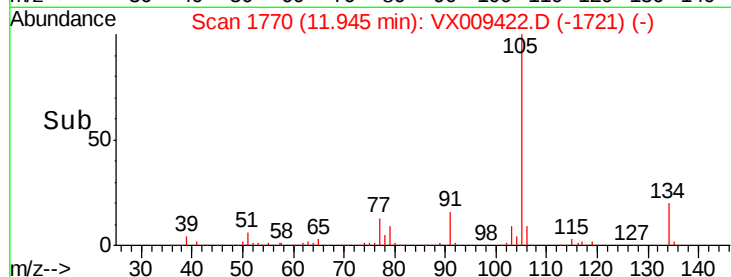
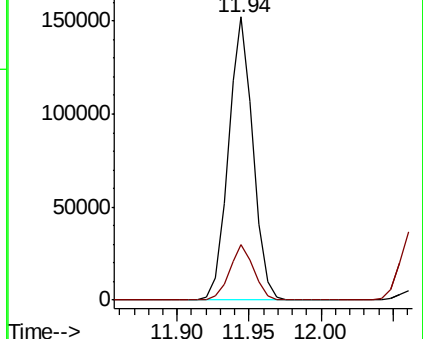
105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.487 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009422.D

Acq: 09 May 2019 13:04

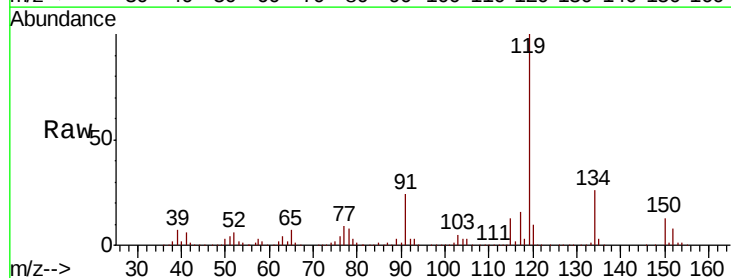
Tgt Ion:119 Resp: 166147

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

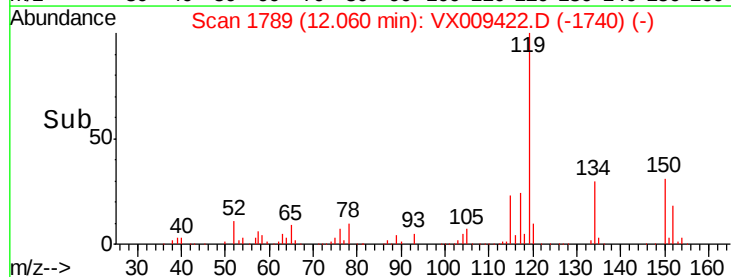
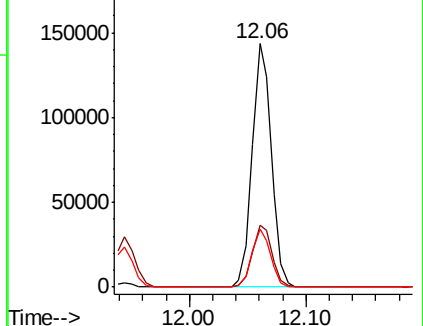
91 23.2 11.8 35.4

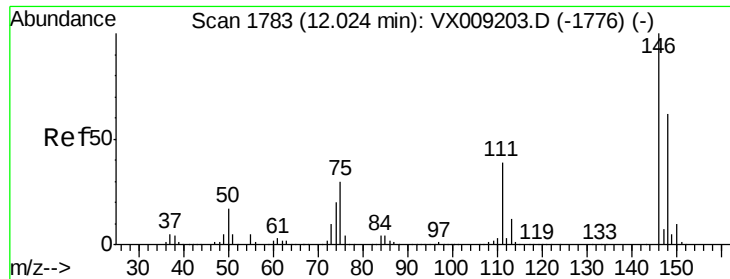


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

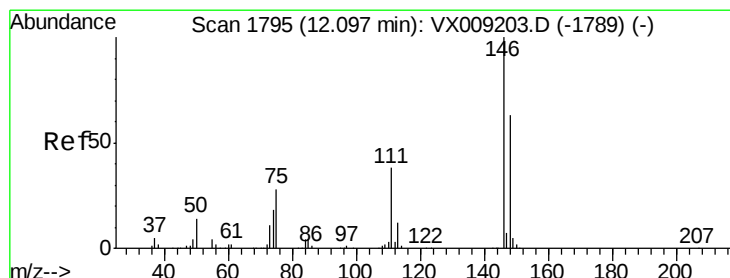
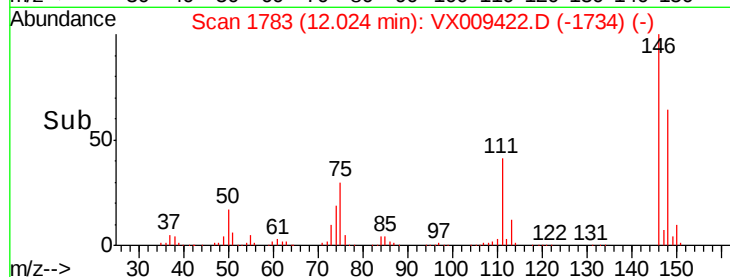
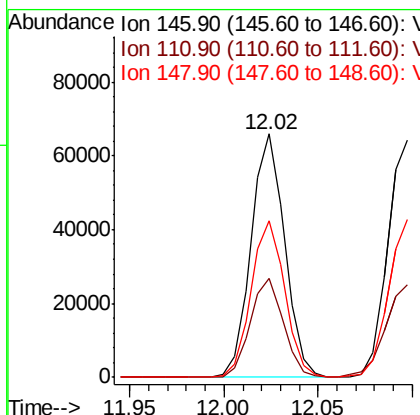
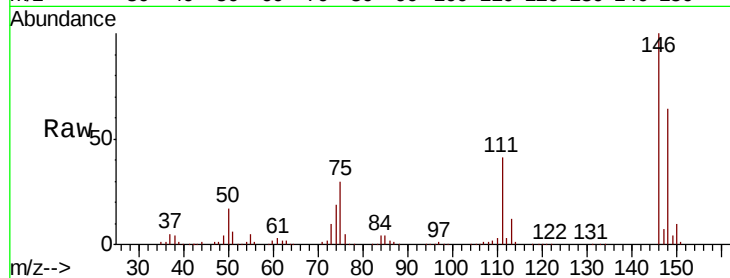




#87
 1,3-Dichlorobenzene
 Concen: 22.691 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

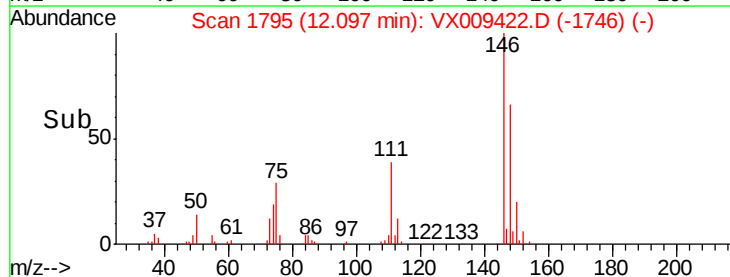
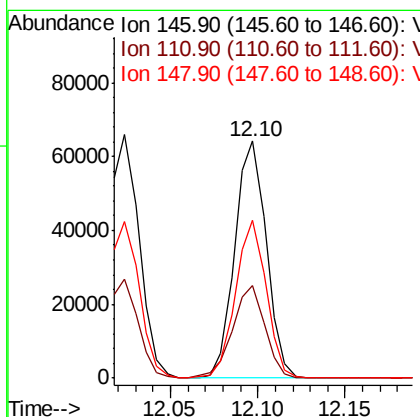
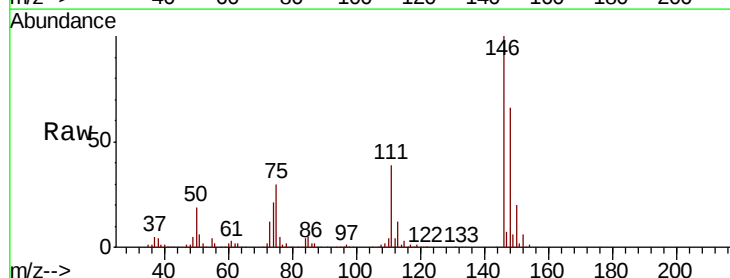
Instrument :
 MSVOA_X
 ClientSampleId :

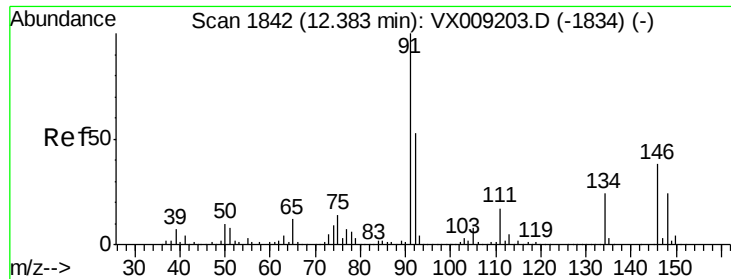
Tot Ion:146 Resp: 81353
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 59.9
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 22.285 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion:146 Resp: 80551
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.8
 148 65.1 31.8 95.3

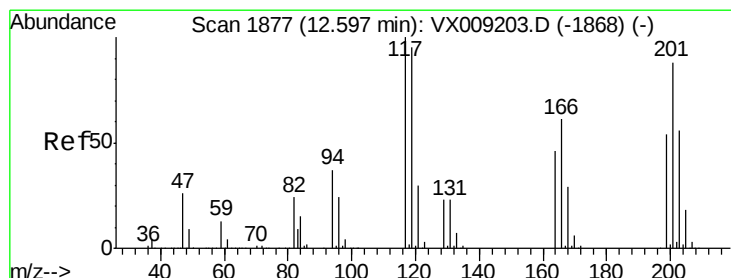
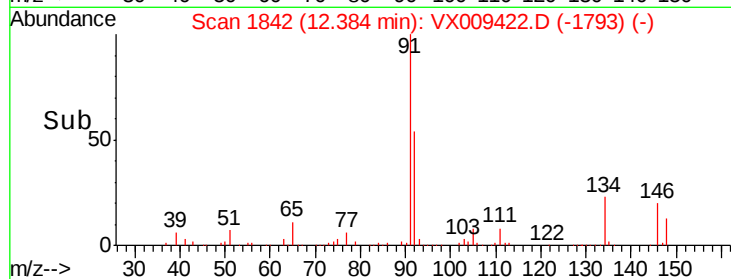
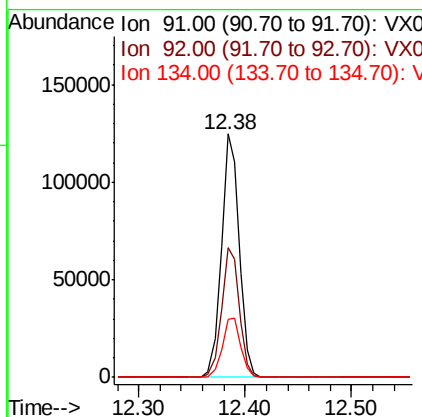
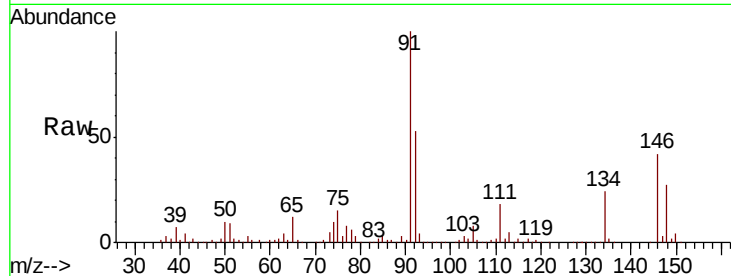




#89
n-Butylbenzene
Concen: 22.699 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

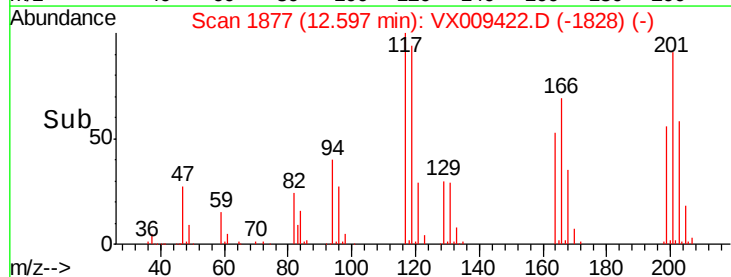
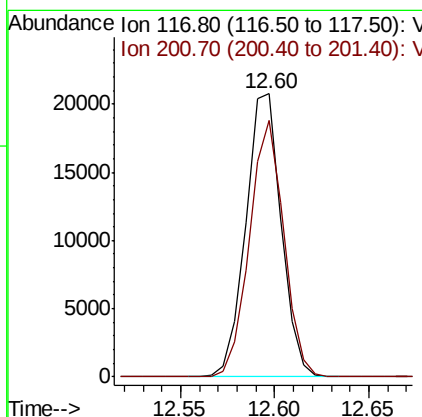
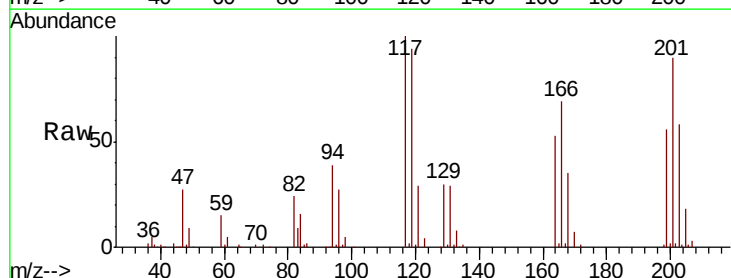
Instrument :
MSVOA_X
ClientSampleId :

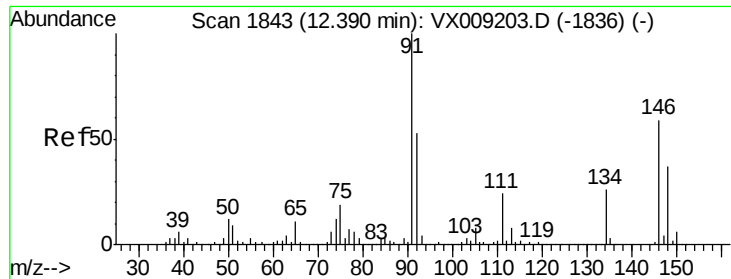
Tot Ion: 91 Resp: 145126
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 25.1 12.4 37.2



#90
Hexachloroethane
Concen: 22.534 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion: 117 Resp: 27157
Ion Ratio Lower Upper
117 100
201 87.2 42.3 126.9

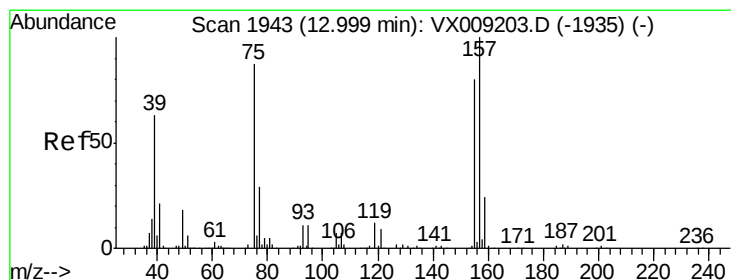
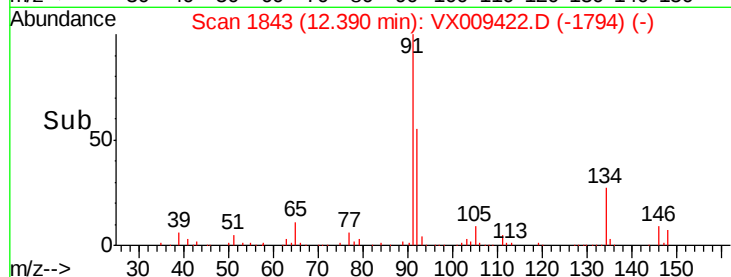
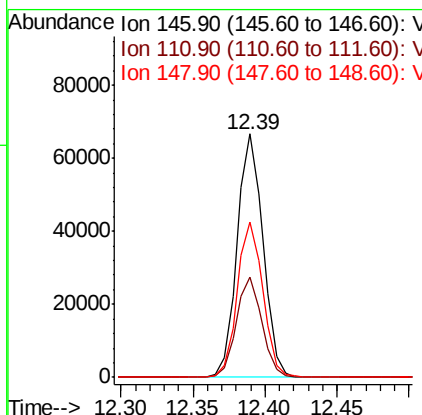
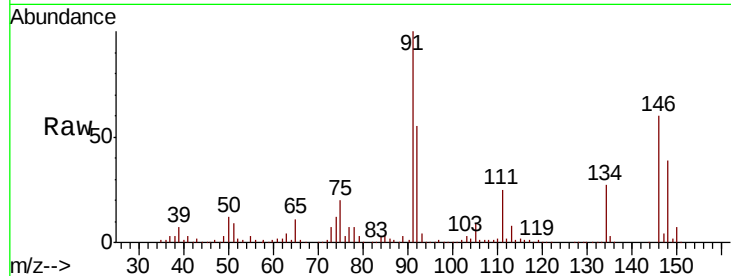




#91
 1,2-Dichlorobenzene
 Concen: 22.863 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

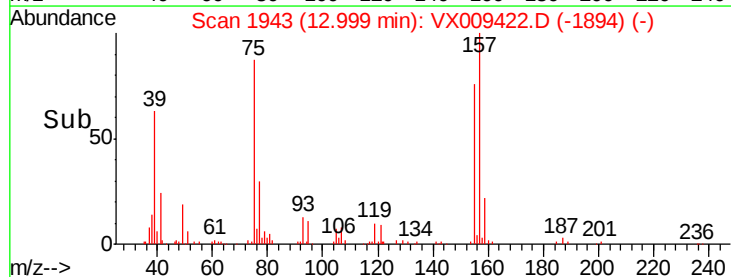
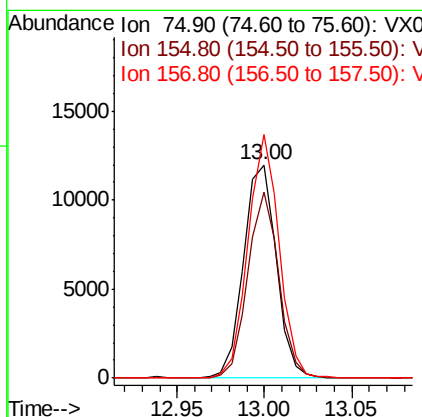
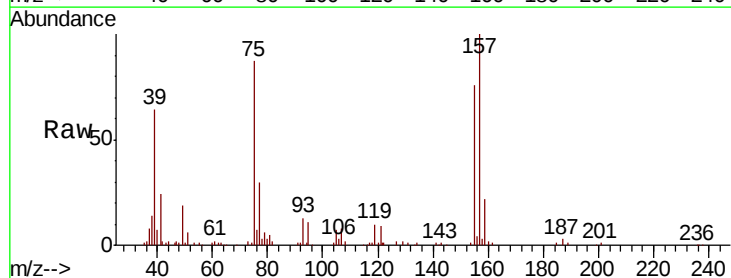
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 83488
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.4
 148 63.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.146 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion: 75 Resp: 15684
 Ion Ratio Lower Upper
 75 100
 155 82.1 42.0 126.0
 157 107.8 53.2 159.6

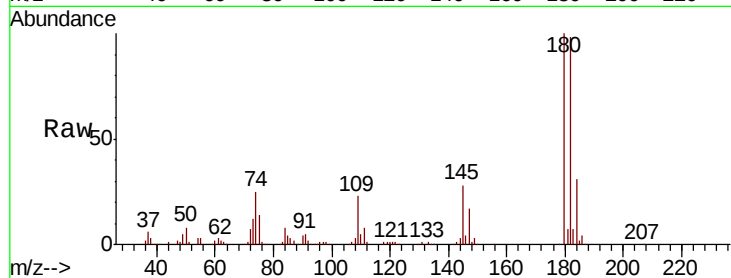




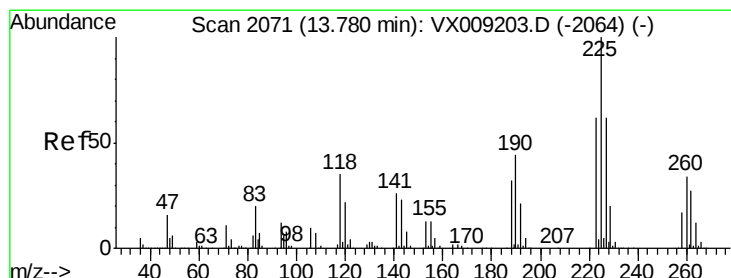
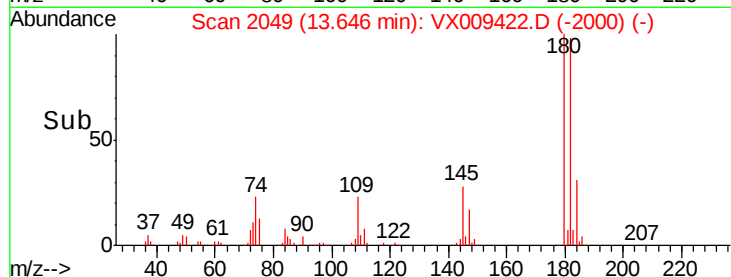
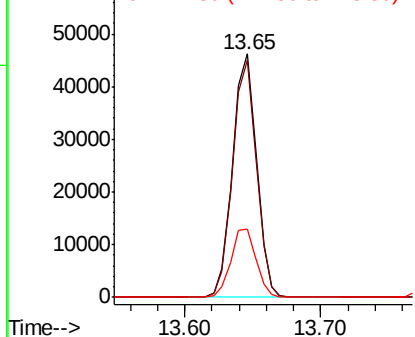
#93
 1,2,4-Trichlorobenzene
 Concen: 22.813 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 56968
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.4 145.2
 145 29.3 14.6 43.8

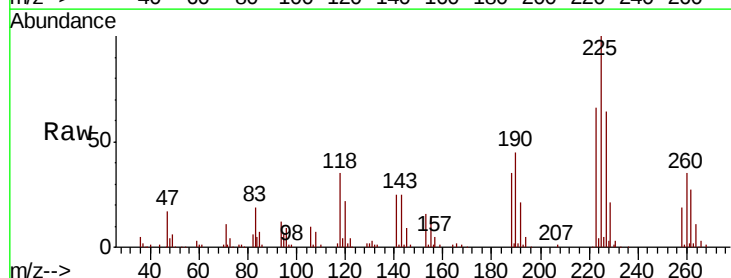


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

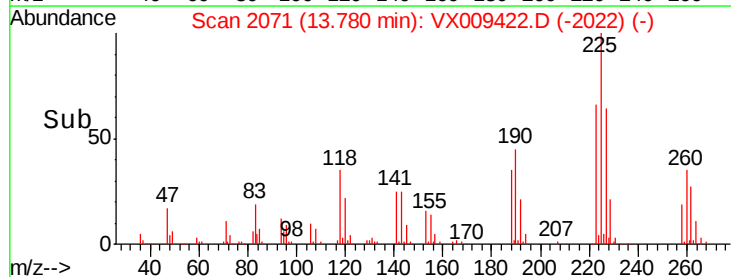
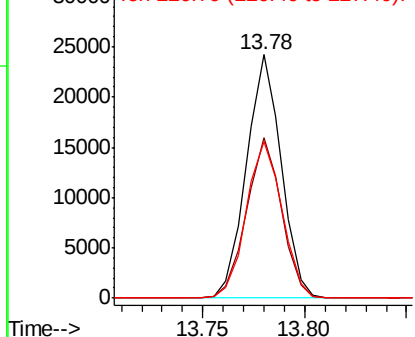


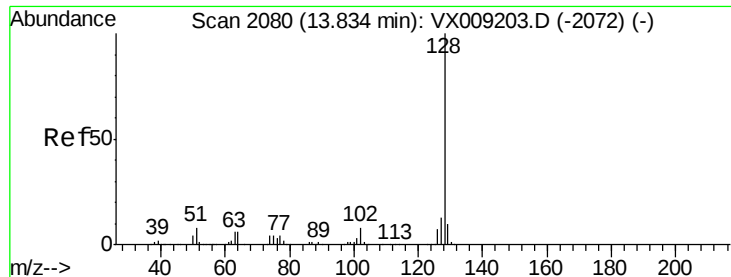
#94
 Hexachlorobutadiene
 Concen: 22.512 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009422.D
 Acq: 09 May 2019 13:04

Tgt Ion:225 Resp: 28708
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.3 93.8
 227 66.2 31.8 95.3



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

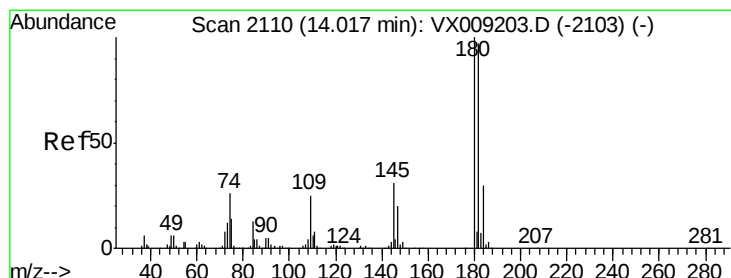
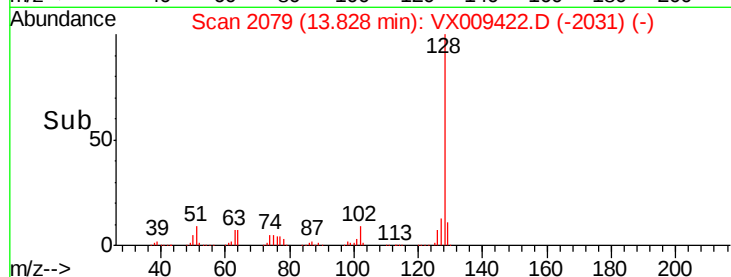
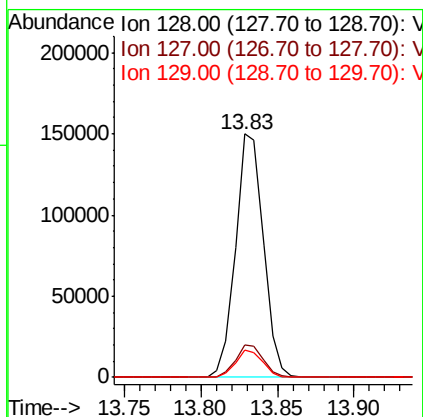
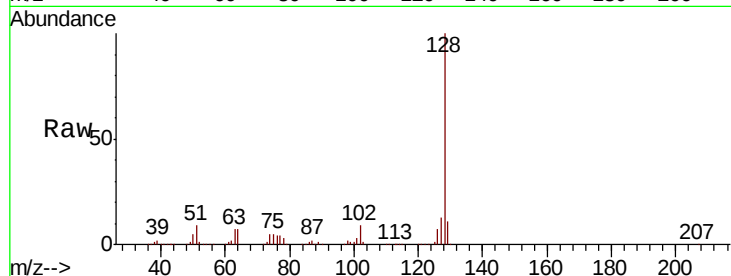




#95
Naphthalene
Concen: 23.321 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 23.414 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009422.D
Acq: 09 May 2019 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.8	143.4
145	31.0	15.4	46.4

