

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009820.D
 Acq On : 22 May 2019 22:34
 Operator : JC/SP
 Sample : VX0522MBS02
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

Quant Time: May 23 01:00:31 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	173457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123392	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110774	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.50	113	79056	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
50) Toluene-d8	8.71	98	321394	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
62) 4-Bromofluorobenzene	11.13	95	114099	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24472	15.310	ug/l	96
3) Chloromethane	1.32	50	37701	17.276	ug/l	100
4) Vinyl Chloride	1.41	62	36985	17.380	ug/l	95
5) Bromomethane	1.64	94	24305	19.029	ug/l	95
6) Chloroethane	1.72	64	22628	16.562	ug/l	95
7) Trichlorofluoromethane	1.93	101	44645	17.260	ug/l	99
8) Diethyl Ether	2.19	74	20024	16.343	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26937	16.583	ug/l	99
10) Methyl Iodide	2.51	142	26635	17.410	ug/l	99
11) Tert butyl alcohol	3.04	59	56162	102.465	ug/l	98
12) 1,1-Dichloroethene	2.37	96	27722	17.033	ug/l	93
13) Acrolein	2.29	56	37840	76.231	ug/l	99
14) Allyl chloride	2.73	41	67246	16.954	ug/l	99
15) Acrylonitrile	3.14	53	114115	85.150	ug/l	100
16) Acetone	2.45	43	101993	80.217	ug/l	99
17) Carbon Disulfide	2.57	76	79233	17.340	ug/l	99
18) Methyl Acetate	2.78	43	50092	16.566	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	106184	16.801	ug/l	99
20) Methylene Chloride	2.85	84	34041	16.535	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	30198	17.109	ug/l	91
22) Diisopropyl ether	3.85	45	134725	17.663	ug/l	92
23) Vinyl Acetate	3.81	43	586337	89.769	ug/l	99
24) 1,1-Dichloroethane	3.70	63	63643	16.914	ug/l	99
25) 2-Butanone	4.67	43	171070	86.582	ug/l	97
26) 2,2-Dichloropropane	4.59	77	39140	13.975	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	34821	16.528	ug/l	98
28) Bromochloromethane	5.01	49	32154	19.559	ug/l	98
29) Tetrahydrofuran	5.13	42	112515	88.495	ug/l	98
30) Chloroform	5.21	83	57332	16.846	ug/l	98
31) Cyclohexane	5.58	56	61452	17.554	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	47354	16.715	ug/l	99
36) 1,1-Dichloropropene	5.80	75	43843	16.911	ug/l	98
37) Ethyl Acetate	4.84	43	63975	17.711	ug/l	100
38) Carbon Tetrachloride	5.79	117	39843	16.915	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52869	16.605	ug/l	100
40) Benzene	6.14	78	137845	17.180	ug/l	99
41) Methacrylonitrile	5.04	41	36210	16.840	ug/l	99
42) 1,2-Dichloroethane	6.20	62	50626	17.590	ug/l	99
43) Isopropyl Acetate	6.45	43	99948	17.299	ug/l	99
44) Trichloroethene	7.21	130	32128	16.564	ug/l	100
45) 1,2-Dichloropropane	7.51	63	39166	17.239	ug/l	100
46) Dibromomethane	7.66	93	22356	16.945	ug/l	98
47) Bromodichloromethane	7.90	83	43843	16.660	ug/l	94
48) Methyl methacrylate	7.77	41	50116	17.483	ug/l	97
49) 1,4-Dioxane	7.74	88	19341	332.705	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	334297	88.520	ug/l	98
52) Toluene	8.78	92	83034	17.025	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	48752	16.408	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	53557	16.285	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	33669	16.921	ug/l	99
56) Ethyl methacrylate	9.18	69	59832	16.845	ug/l	96
57) 1,3-Dichloropropane	9.37	76	58681	16.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	158494	84.116	ug/l	99
59) 2-Hexanone	9.49	43	257501	86.817	ug/l	98
60) Dibromochloromethane	9.58	129	31606	16.264	ug/l	100
61) 1,2-Dibromoethane	9.67	107	33594	16.726	ug/l	99
64) Tetrachloroethene	9.34	164	29735	17.177	ug/l	98
65) Chlorobenzene	10.14	112	85149	16.867	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	30224	16.514	ug/l	99
67) Ethyl Benzene	10.25	91	157338	16.935	ug/l	99
68) m/p-Xylenes	10.36	106	115793	34.105	ug/l	97
69) o-Xylene	10.70	106	55783	16.652	ug/l	97
70) Styrene	10.71	104	97211	16.696	ug/l	99
71) Bromoform	10.85	173	23494	15.796	ug/l #	99
73) Isopropylbenzene	11.02	105	151248	16.856	ug/l	100
74) N-amyl acetate	10.90	43	88152	16.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	55476	16.585	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61774	21.582	ug/l	82
77) Bromobenzene	11.26	156	37017	16.621	ug/l	100
78) n-propylbenzene	11.36	91	171276	16.714	ug/l	100
79) 2-Chlorotoluene	11.42	91	103670	16.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	125853	16.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15875	14.191	ug/l	91
82) 4-Chlorotoluene	11.51	91	120440	16.863	ug/l	99
83) tert-Butylbenzene	11.77	119	119205	16.219	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	126542	16.686	ug/l	100
85) sec-Butylbenzene	11.94	105	142807	16.389	ug/l	100
86) p-Isopropyltoluene	12.06	119	130396	16.646	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64850	16.334	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	64846	16.200	ug/l	97
89) n-Butylbenzene	12.38	91	114351	16.151	ug/l	99
90) Hexachloroethane	12.60	117	20503	15.363	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	65430	16.180	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12654	16.864	ug/l	96

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Instrument :
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ClientSampleId :
VX0522MBS02

Quant Time: May 23 01:00:31 2019
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

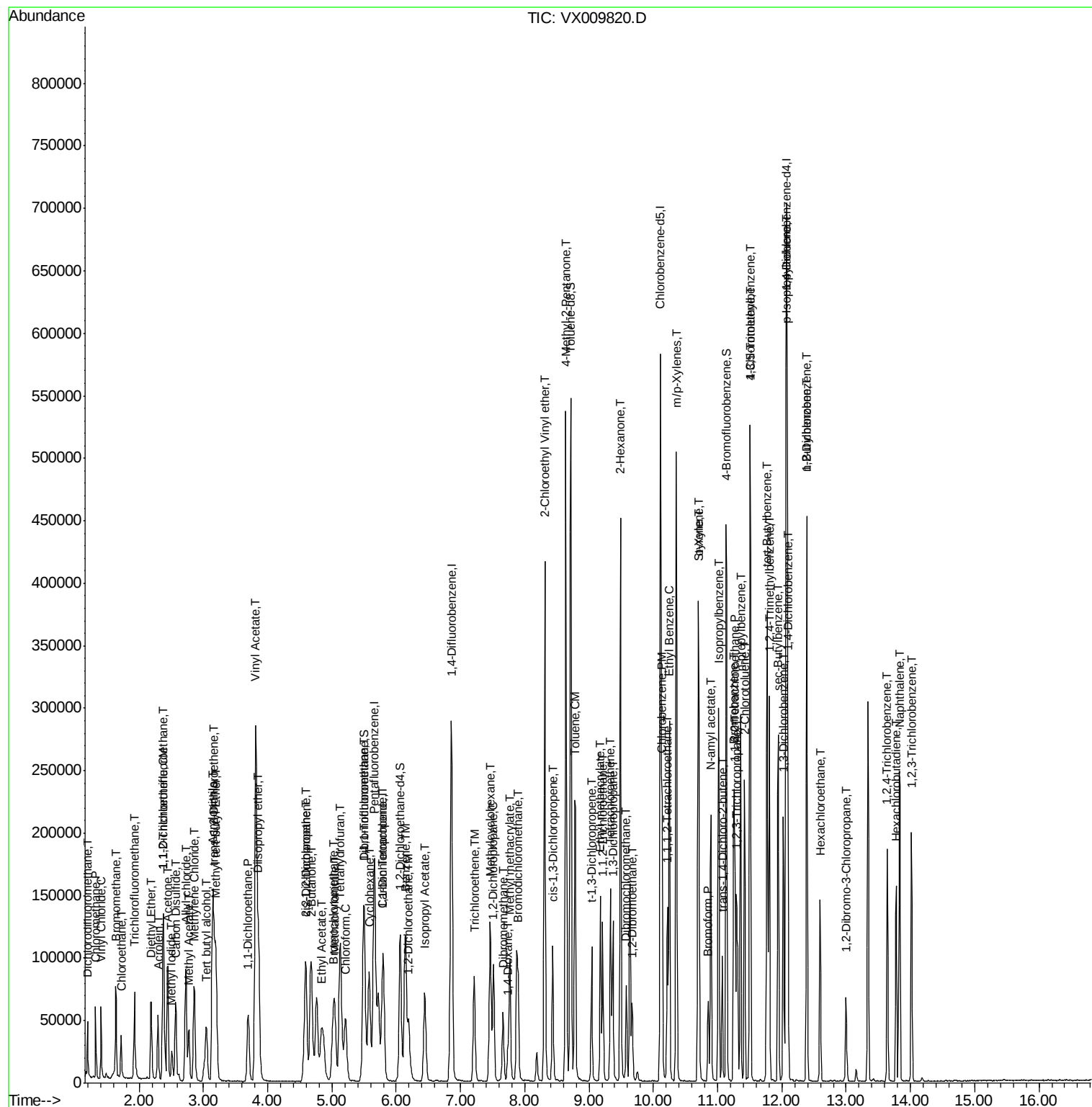
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45343	16.397	ug/l	99
94) Hexachlorobutadiene	13.78	225	23244	16.460	ug/l	99
95) Naphthalene	13.83	128	148736	16.532	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47057	16.787	ug/l	99

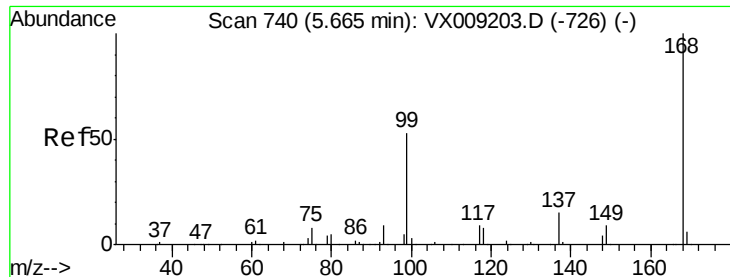
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009820.D
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Operator : JC/SP
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Misc : 5.0µL/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
MSVOA_X
Client Sample Id :
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Quant Time: May 23 01:00:31 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: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

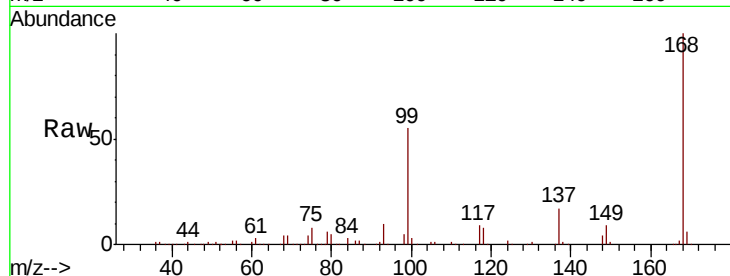
VX0522MBS02

Tot Ion:168 Resp: 173457

Ion Ratio Lower Upper

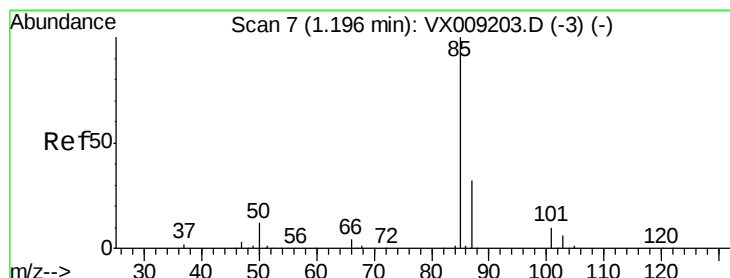
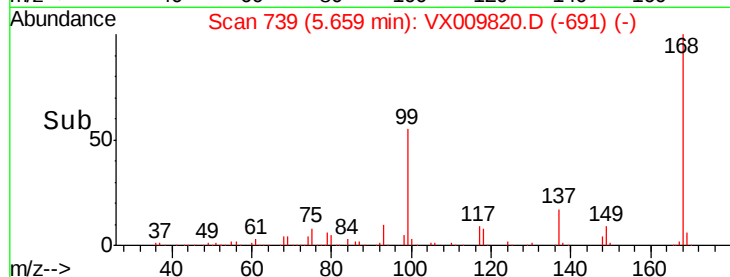
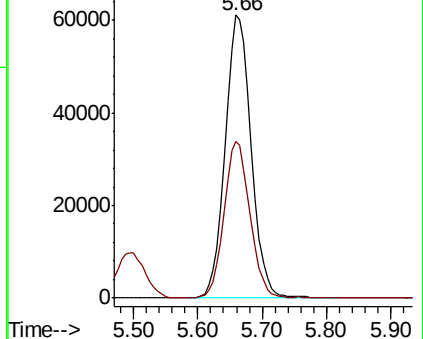
168 100

99 55.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.310 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009820.D

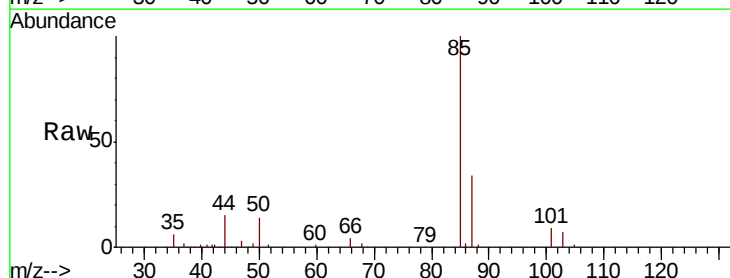
Acq: 22 May 2019 22:34

Tgt Ion: 85 Resp: 24472

Ion Ratio Lower Upper

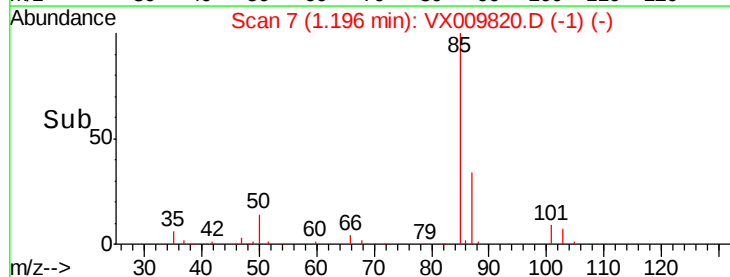
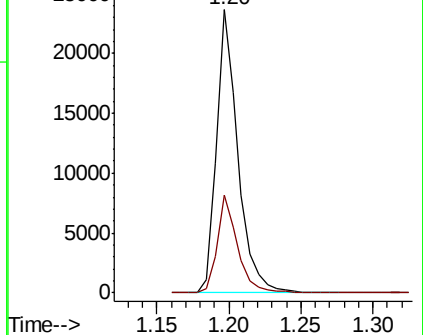
85 100

87 34.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.276 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

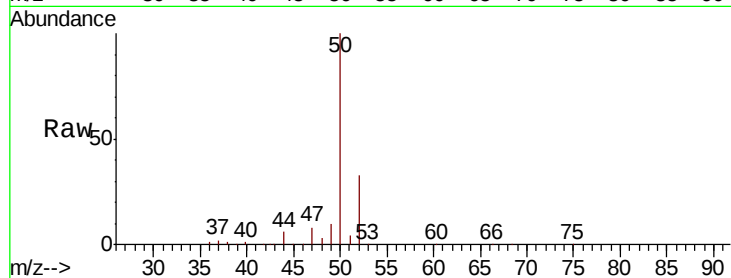
VX0522MBS02

Tot Ion: 50 Resp: 37701

Ion Ratio Lower Upper

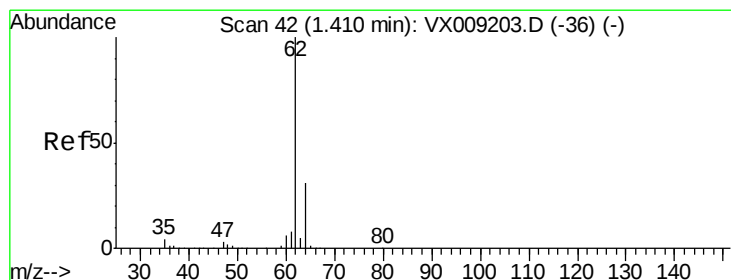
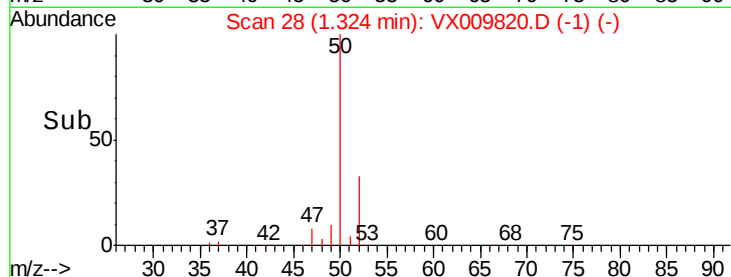
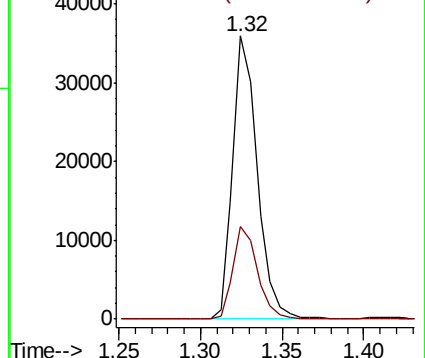
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.380 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009820.D

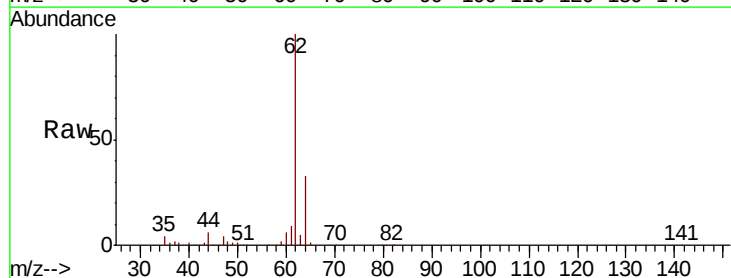
Acq: 22 May 2019 22:34

Tgt Ion: 62 Resp: 36985

Ion Ratio Lower Upper

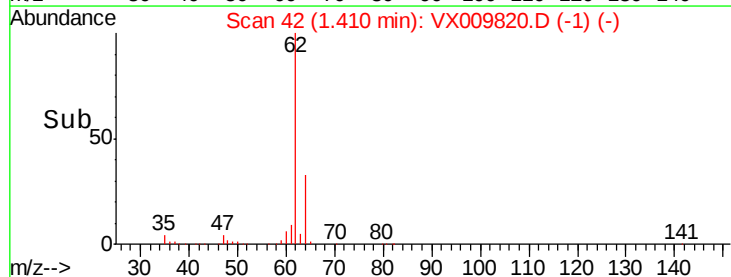
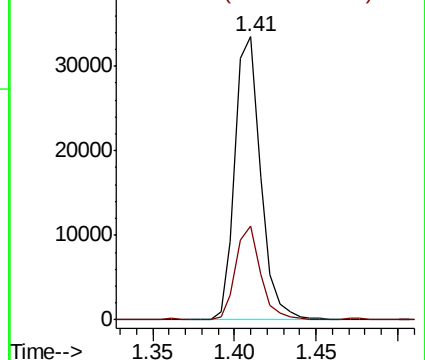
62 100

64 33.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.029 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

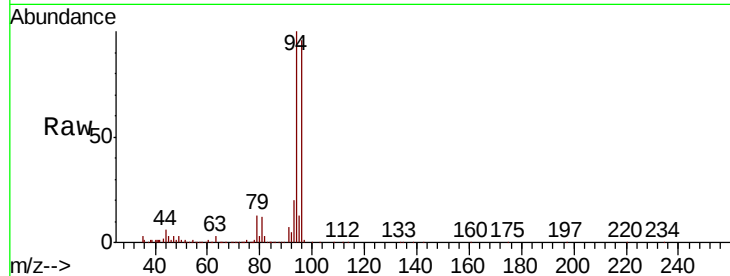
VX0522MBS02

Tot Ion: 94 Resp: 24305

Ion Ratio Lower Upper

94 100

96 96.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

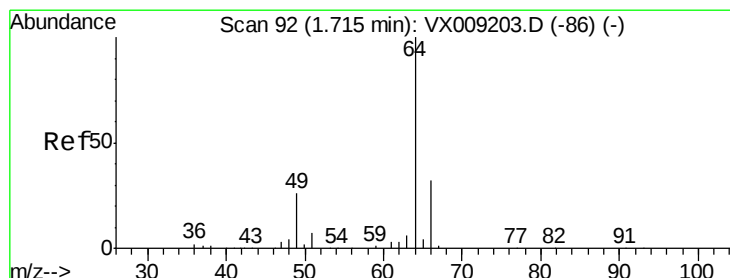
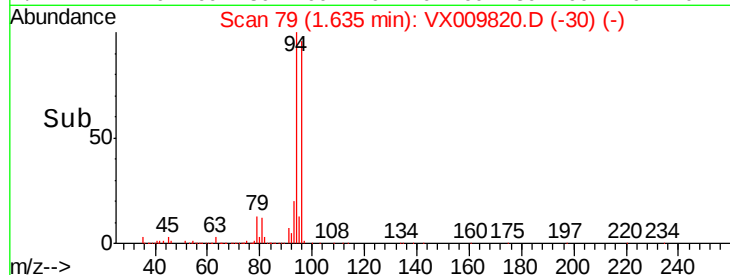
10000

5000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 16.562 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009820.D

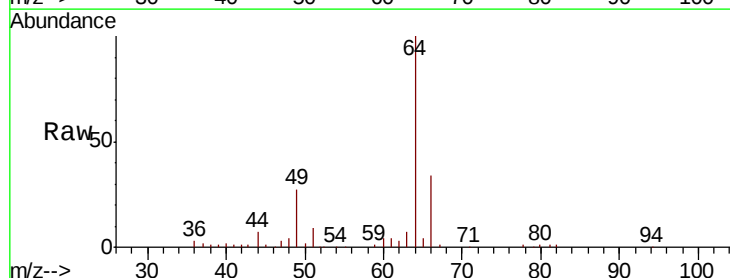
Acq: 22 May 2019 22:34

Tgt Ion: 64 Resp: 22628

Ion Ratio Lower Upper

64 100

66 34.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

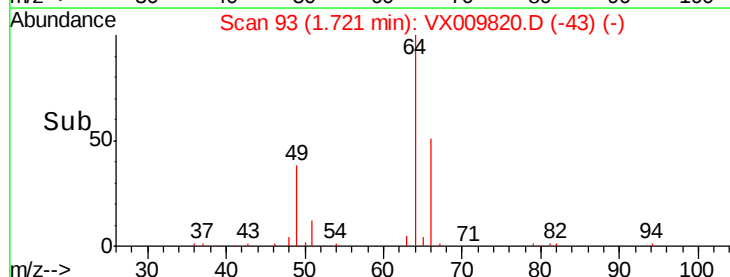
10000

5000

0

1.65 1.70 1.75 1.80

Time-->



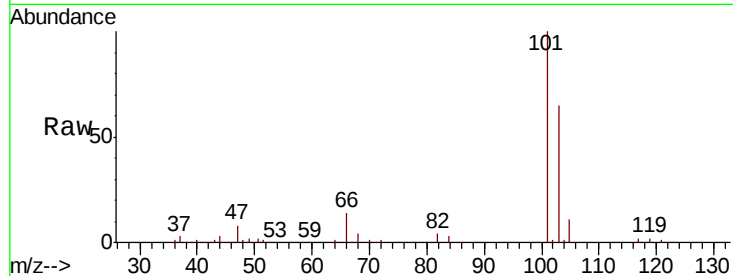


#7

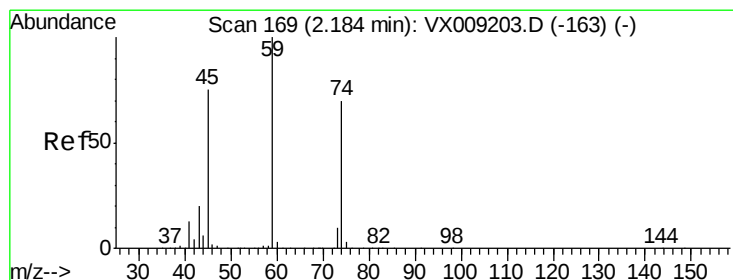
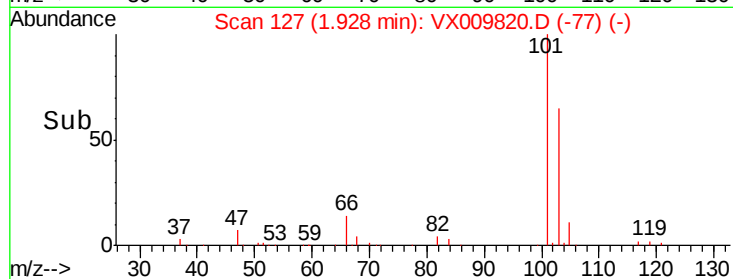
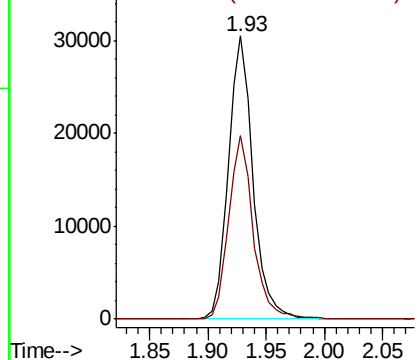
Trichlorofluoromethane
 Concen: 17.260 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

Tot Ion:101 Resp: 44645
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.4 78.6



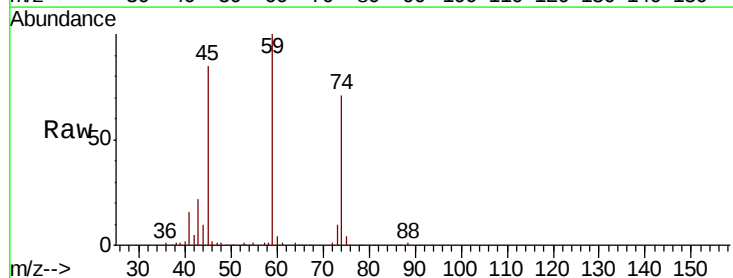
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



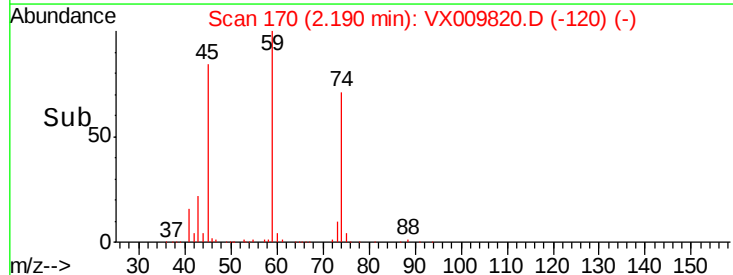
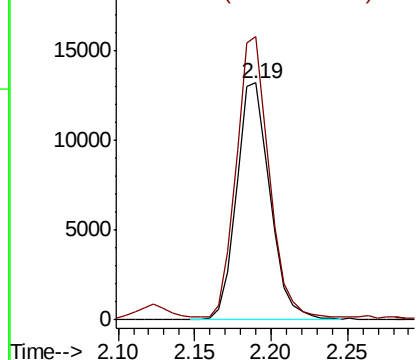
#8

Diethyl Ether
 Concen: 16.343 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 74 Resp: 20024
 Ion Ratio Lower Upper
 74 100
 45 115.5 53.3 159.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.583 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

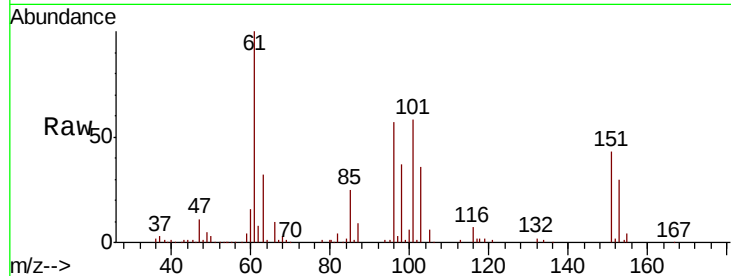
Tot Ion:101 Resp: 26937

Ion Ratio Lower Upper

101 100

85 45.8 35.7 53.5

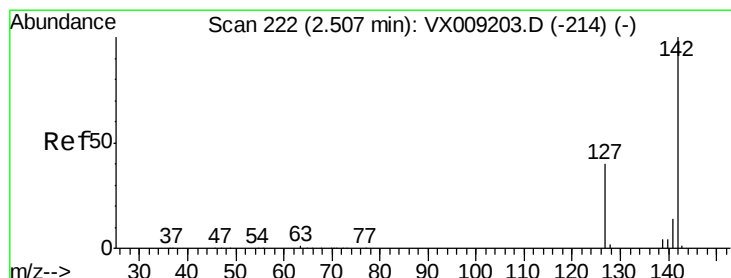
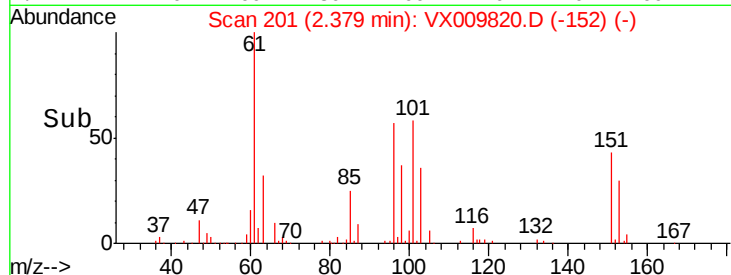
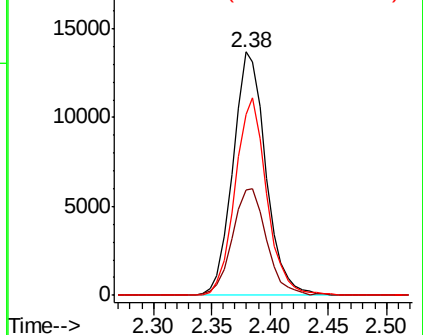
151 78.3 62.2 93.2



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: 17.410 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

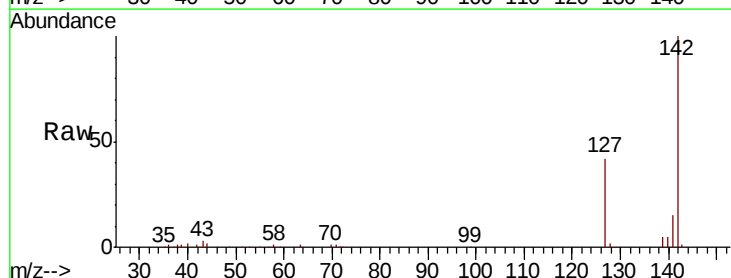
Tgt Ion:142 Resp: 26635

Ion Ratio Lower Upper

142 100

127 41.7 32.7 49.1

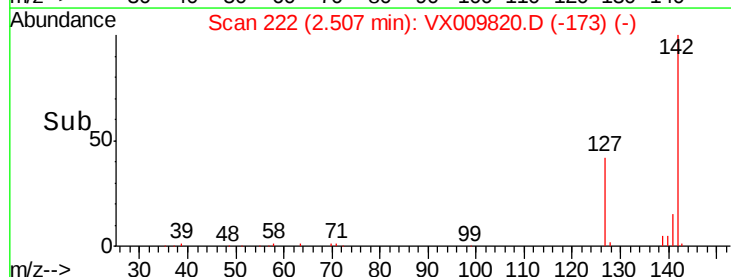
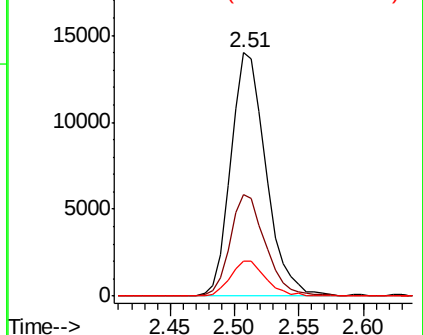
141 14.5 11.5 17.3

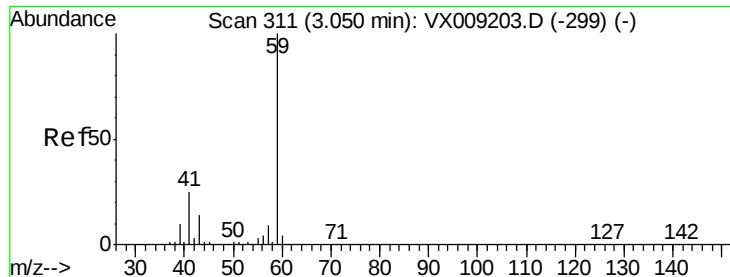


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

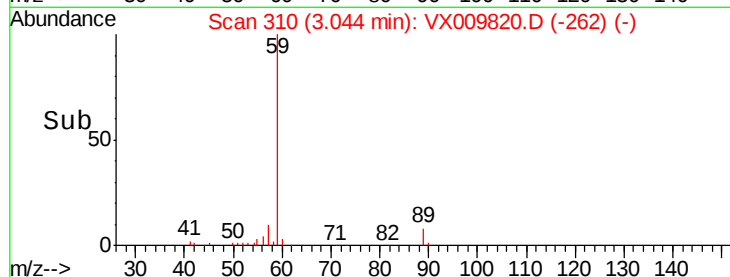
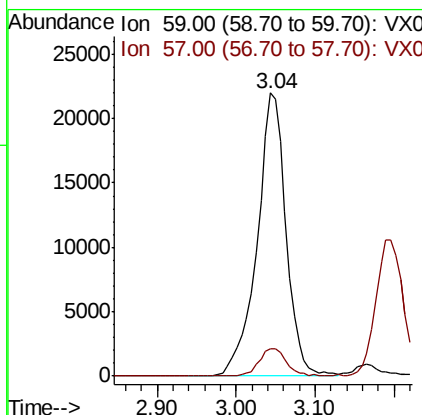
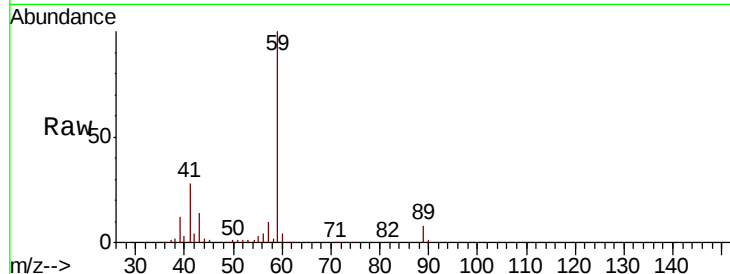




#11
Tert butyl alcohol
Concen: 102.465 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

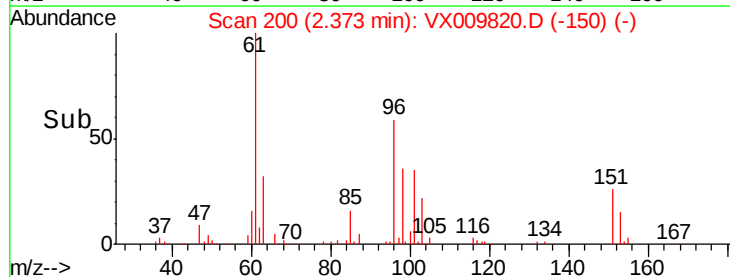
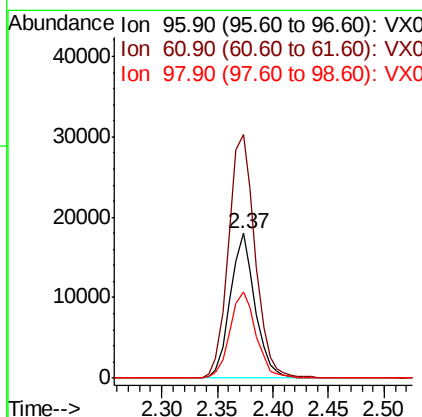
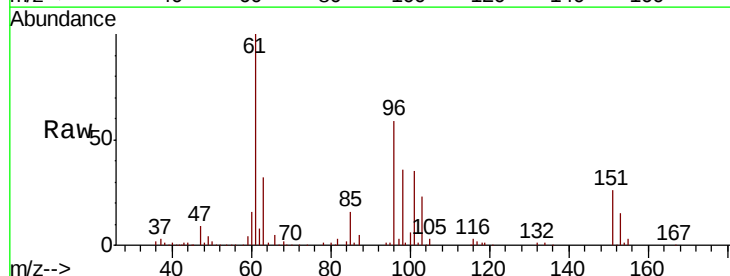
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

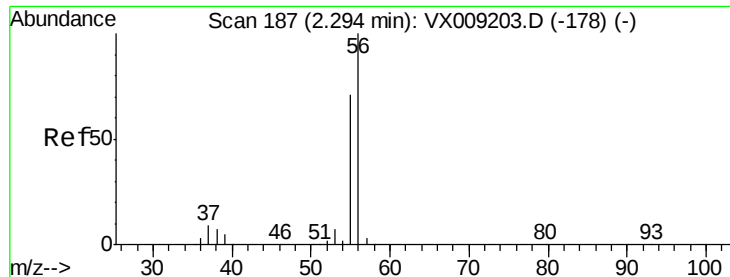
Tot Ion: 59 Resp: 56162
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.033 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion: 96 Resp: 27722
Ion Ratio Lower Upper
96 100
61 168.3 144.3 216.5
98 59.9 50.3 75.5





#13

Acrolein

Concen: 76.231 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

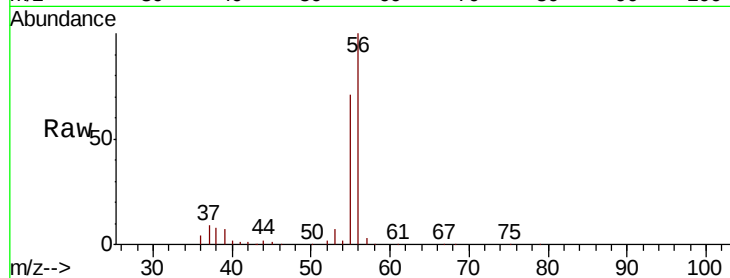
VX0522MBS02

Tot Ion: 56 Resp: 37840

Ion Ratio Lower Upper

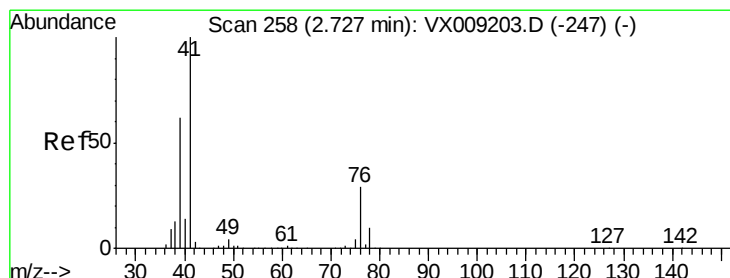
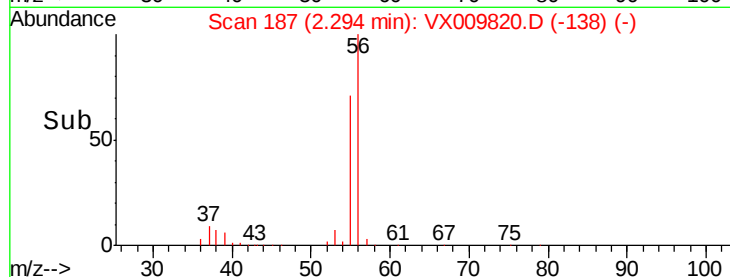
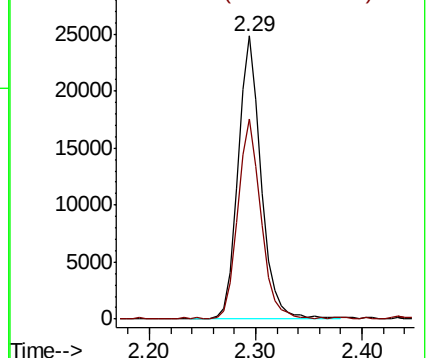
56 100

55 70.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 16.954 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

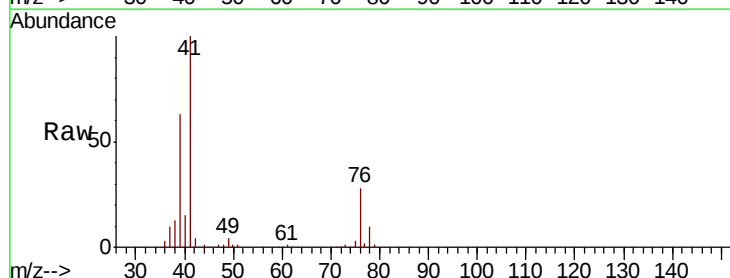
Tgt Ion: 41 Resp: 67246

Ion Ratio Lower Upper

41 100

39 58.3 46.7 70.1

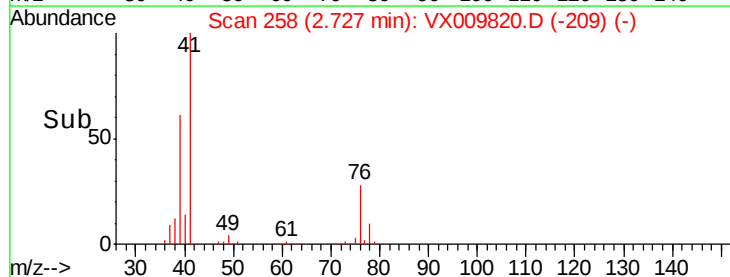
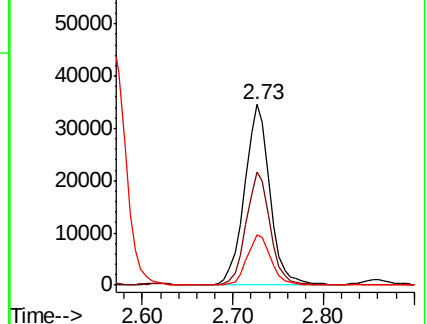
76 25.6 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 85.150 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

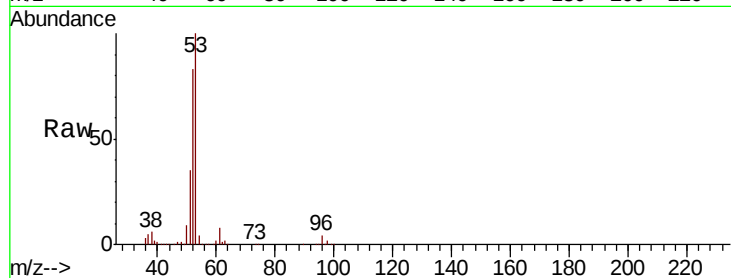
Tot Ion: 53 Resp: 114115

Ion Ratio Lower Upper

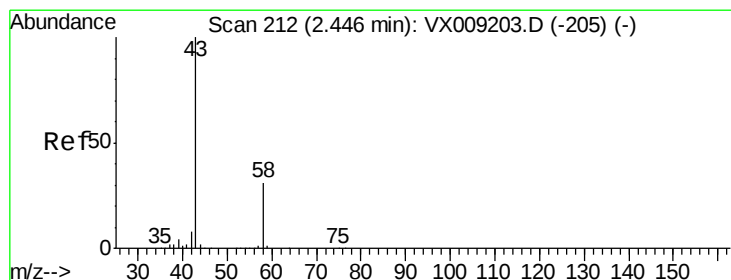
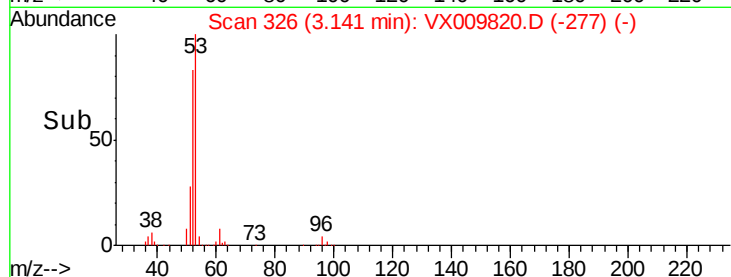
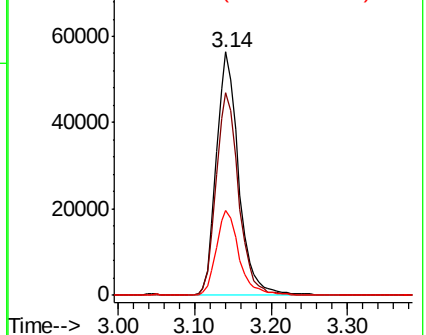
53 100

52 84.1 66.9 100.3

51 35.2 28.2 42.2



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



#16

Acetone

Concen: 80.217 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009820.D

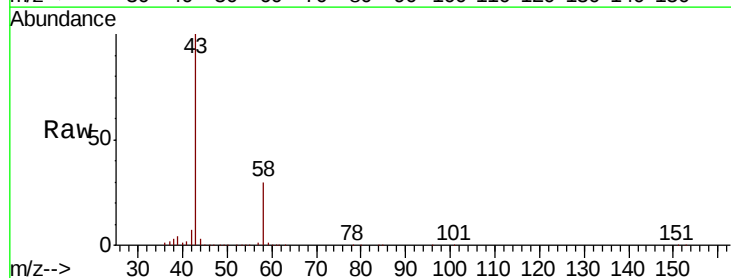
Acq: 22 May 2019 22:34

Tgt Ion: 43 Resp: 101993

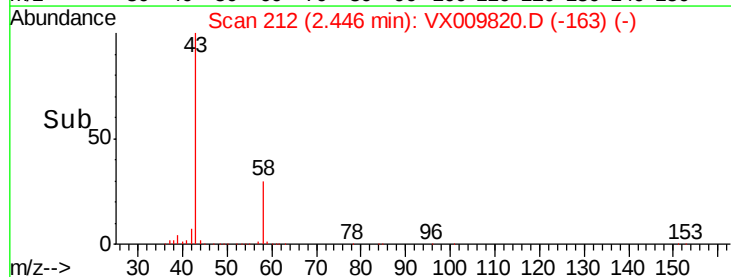
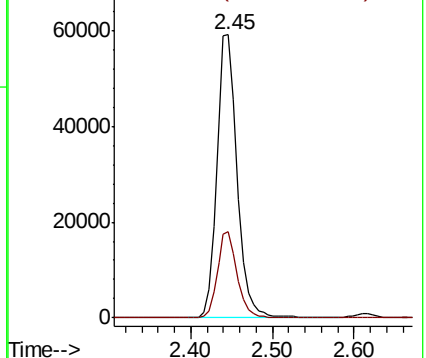
Ion Ratio Lower Upper

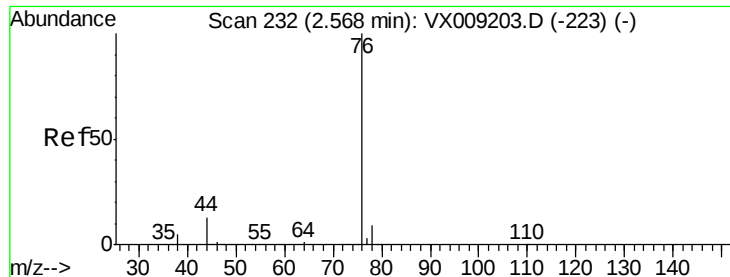
43 100

58 30.3 24.9 37.3



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

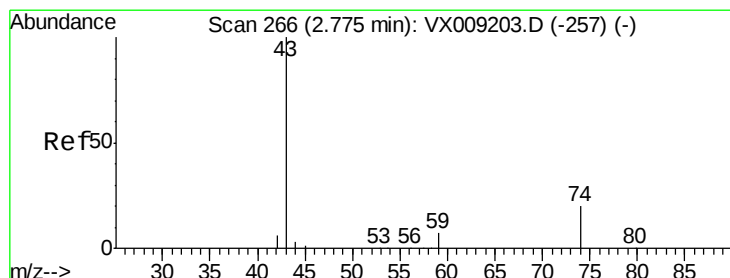
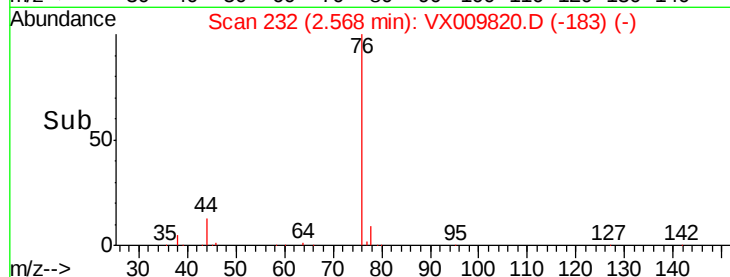
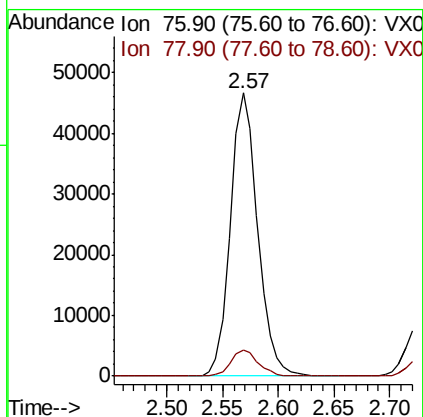
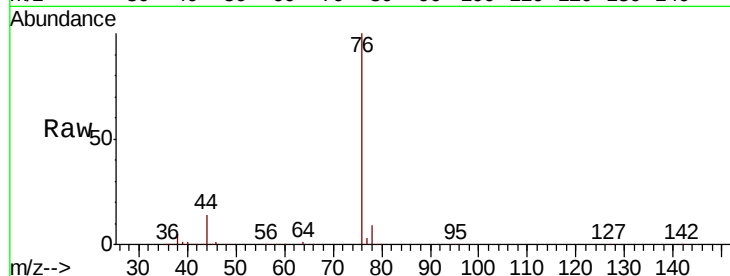




#17
Carbon Disulfide
Concen: 17.340 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

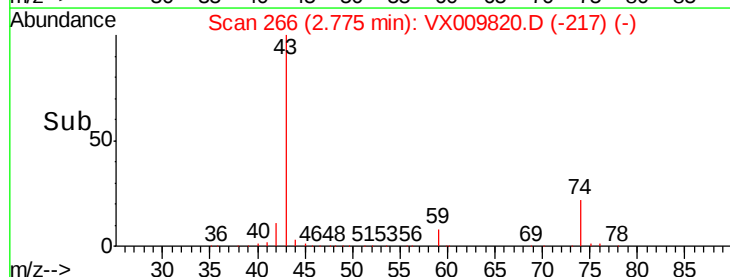
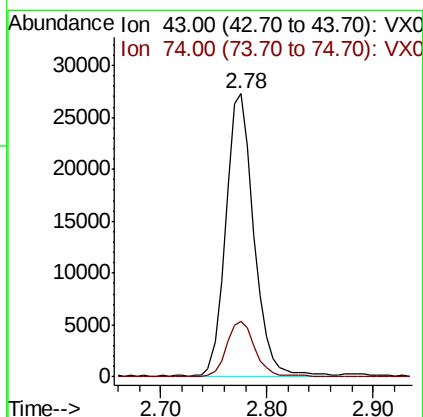
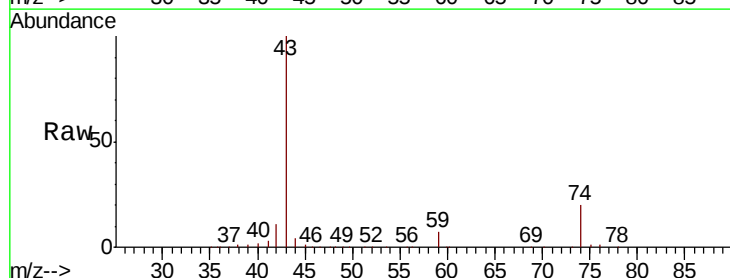
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

Tot Ion: 76 Resp: 79233
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 16.566 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion: 43 Resp: 50092
Ion Ratio Lower Upper
43 100
74 20.5 16.2 24.4



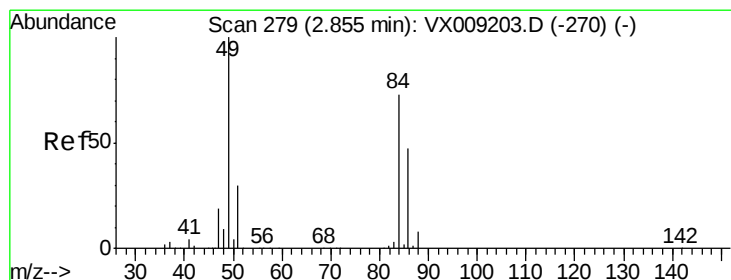
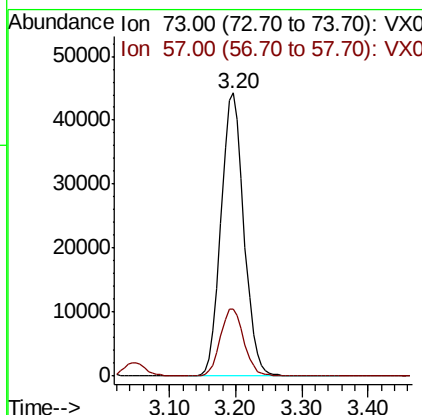
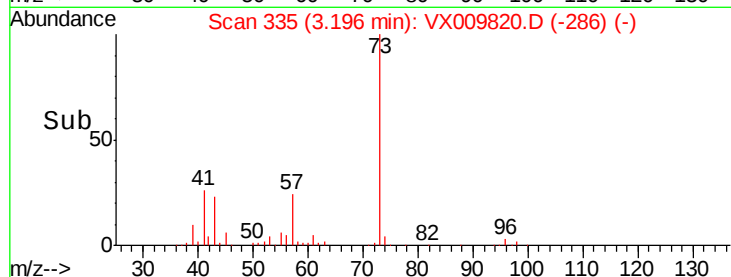
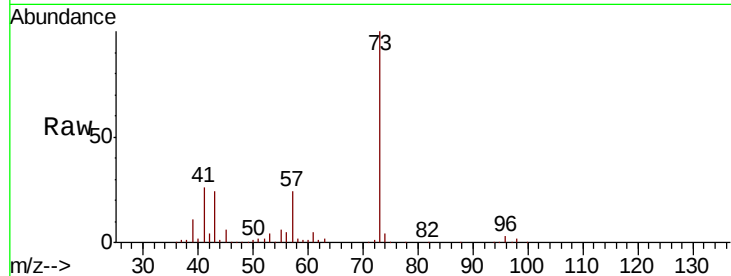


#19

Methyl tert-butyl Ether
 Concen: 16.801 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

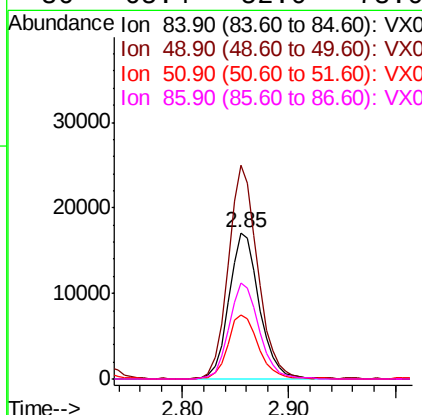
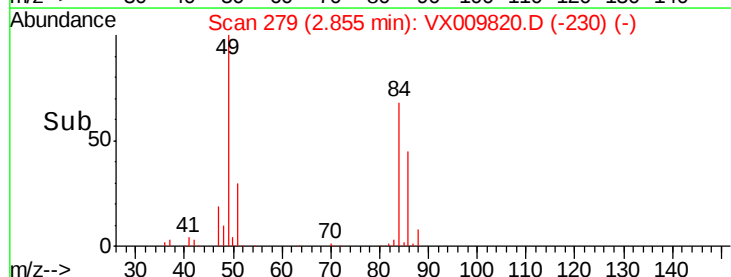
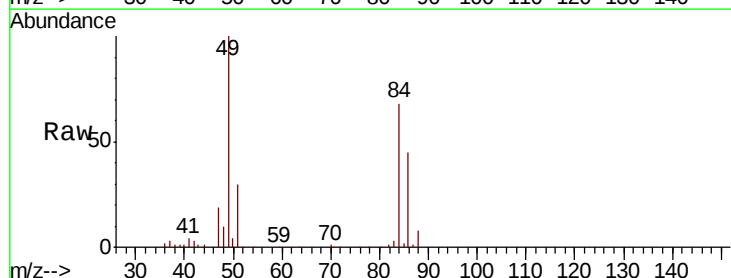
Tot Ion: 73 Resp: 106184
 Ion Ratio Lower Upper
 73 100
 57 23.8 19.3 28.9

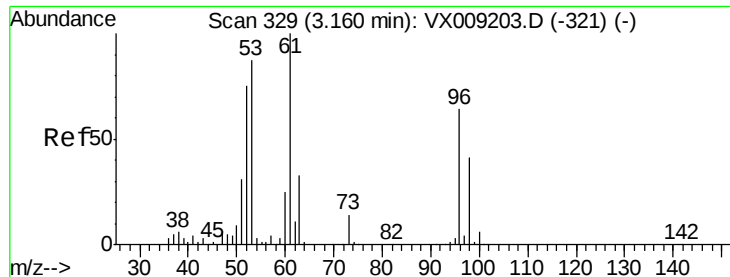


#20

Methylene Chloride
 Concen: 16.535 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 84 Resp: 34041
 Ion Ratio Lower Upper
 84 100
 49 145.9 109.9 164.9
 51 44.0 32.7 49.1
 86 65.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.109 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

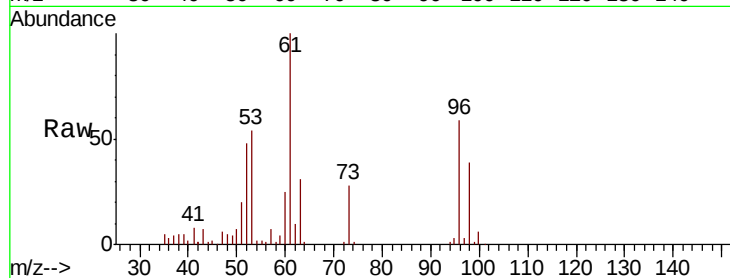
Tot Ion: 96 Resp: 30198

Ion Ratio Lower Upper

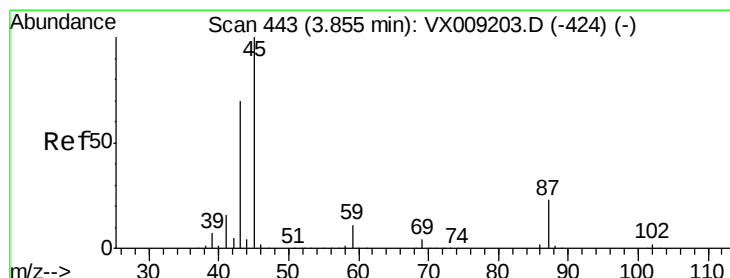
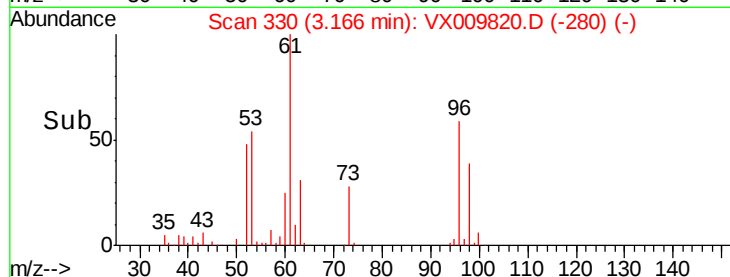
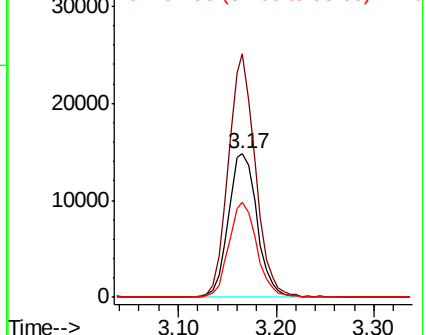
96 100

61 170.0 124.5 186.7

98 66.8 50.4 75.6



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



#22

Diisopropyl ether

Concen: 17.663 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Tgt Ion: 45 Resp: 134725

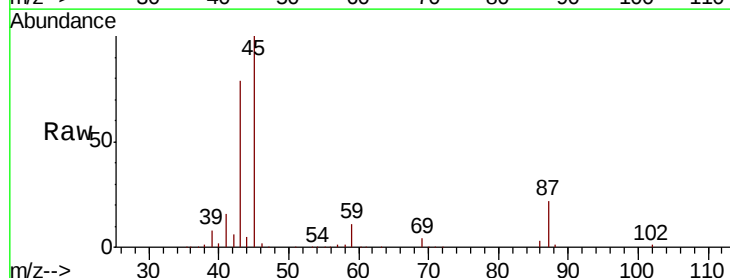
Ion Ratio Lower Upper

45 100

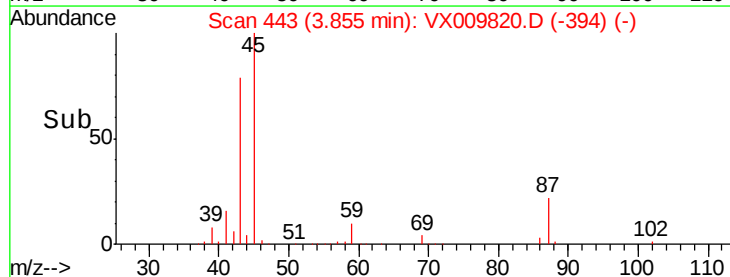
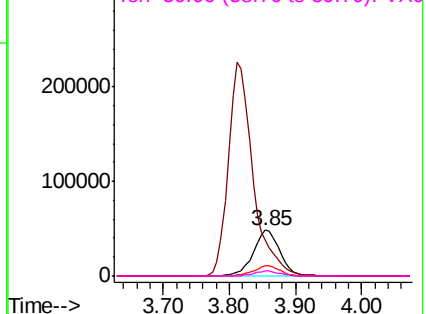
43 78.8 56.1 84.1

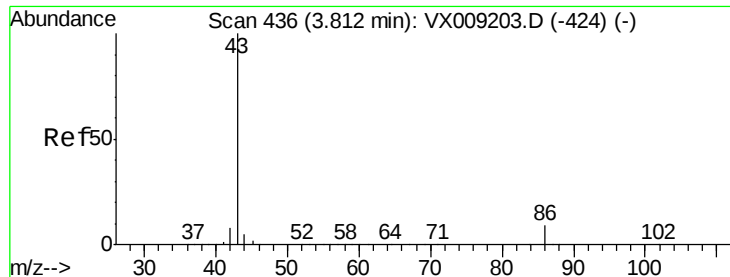
87 22.0 18.1 27.1

59 10.5 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 89.769 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

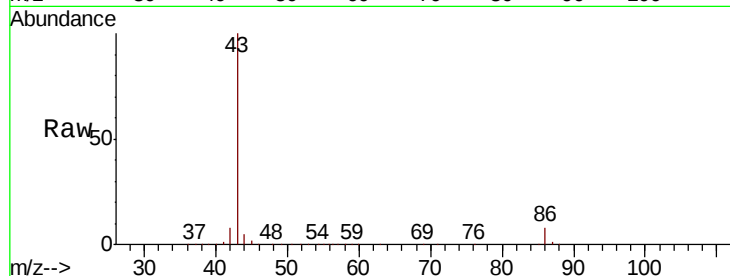
VX0522MBS02

Tot Ion: 43 Resp: 586337

Ion Ratio Lower Upper

43 100

86 8.3 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

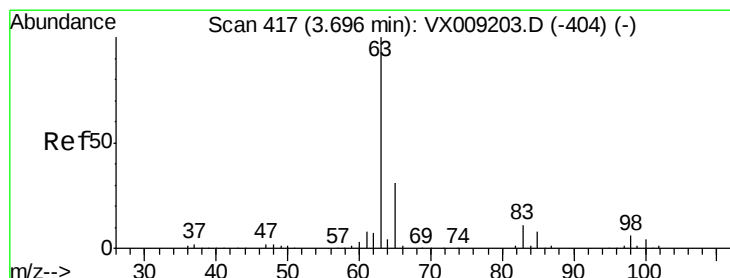
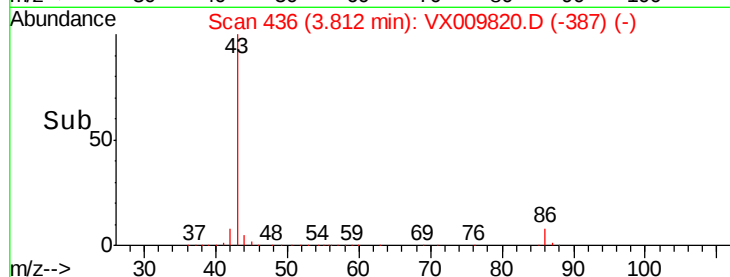
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 16.914 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

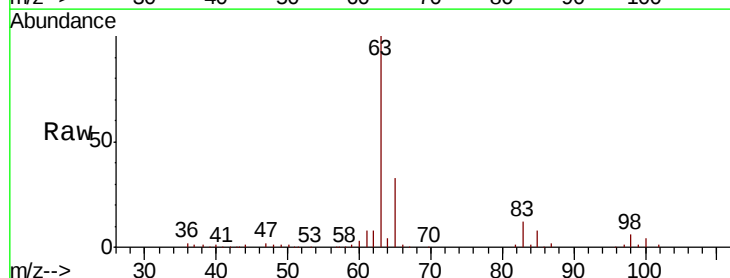
Tgt Ion: 63 Resp: 63643

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 4.1 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

30000

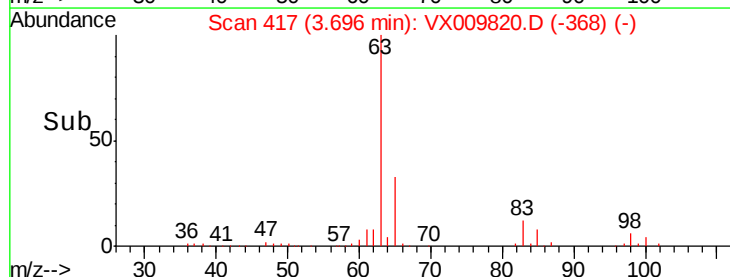
20000

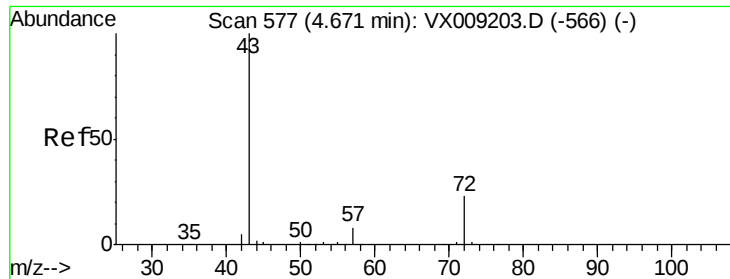
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 86.582 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

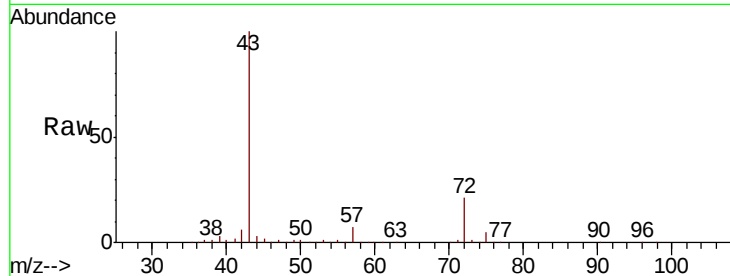
VX0522MBS02

Tot Ion: 43 Resp: 171070

Ion Ratio Lower Upper

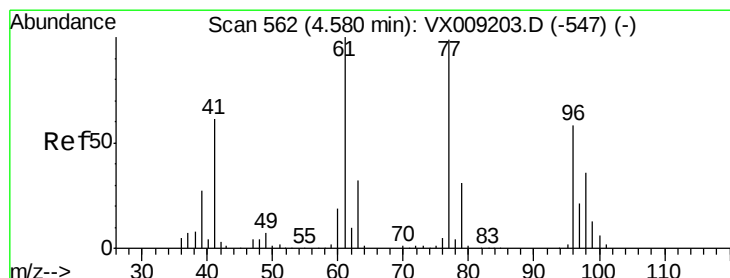
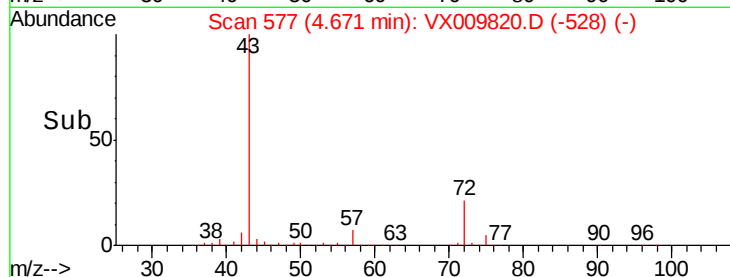
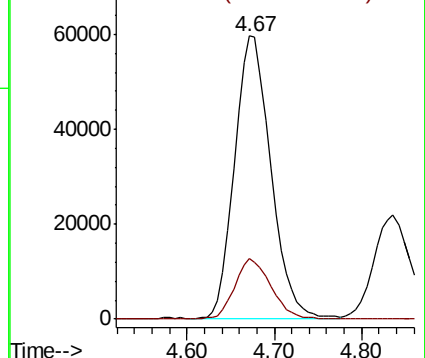
43 100

72 21.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.975 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009820.D

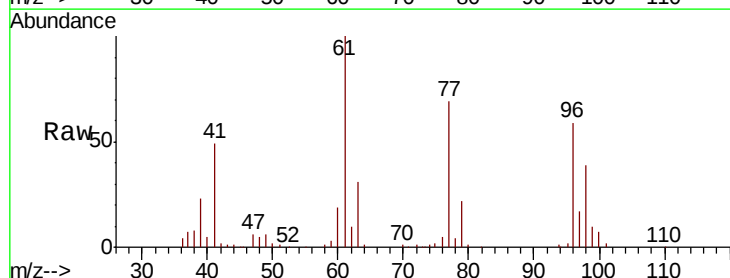
Acq: 22 May 2019 22:34

Tgt Ion: 77 Resp: 39140

Ion Ratio Lower Upper

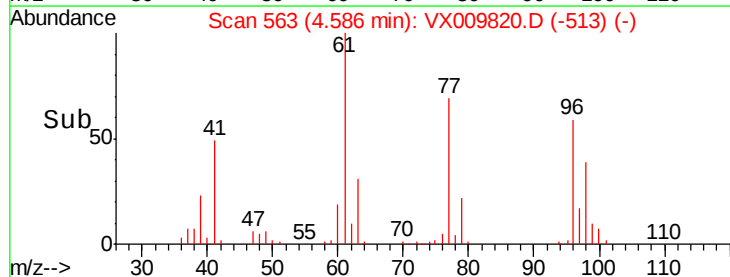
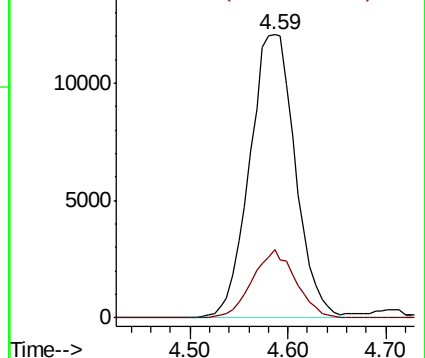
77 100

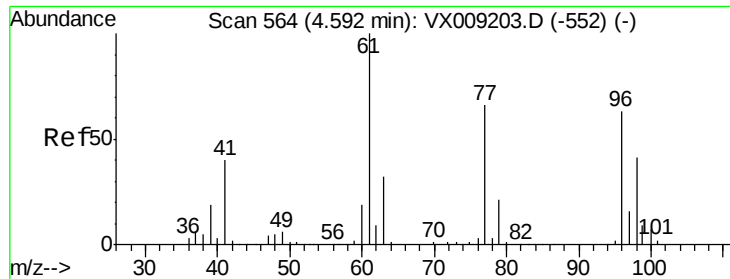
97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



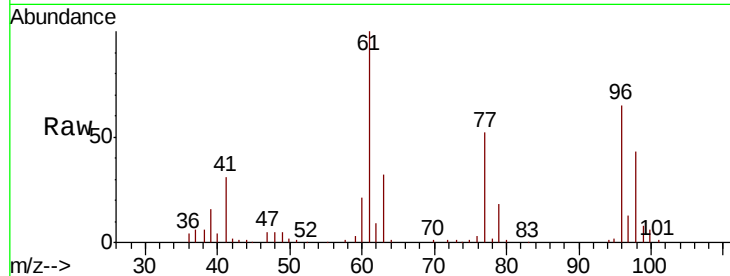


#27

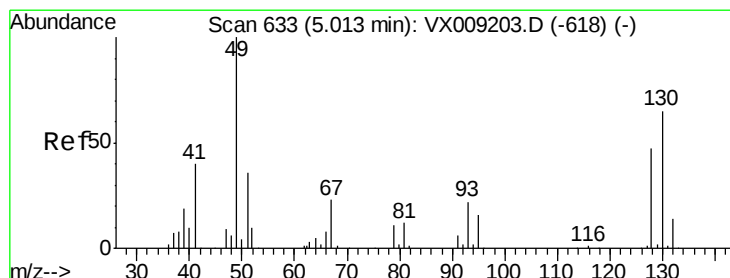
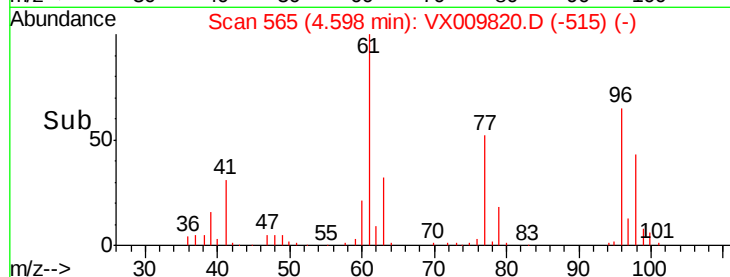
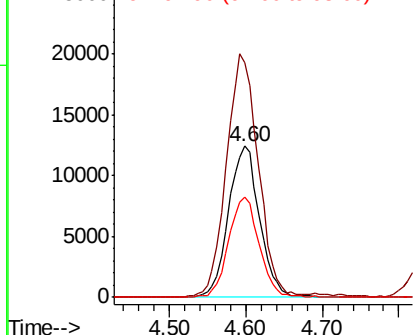
cis-1,2-Dichloroethene
 Concen: 16.528 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0522MBS02

Tot Ion: 96 Resp: 34821
 Ion Ratio Lower Upper
 96 100
 61 165.5 0.0 324.0
 98 65.1 0.0 130.4



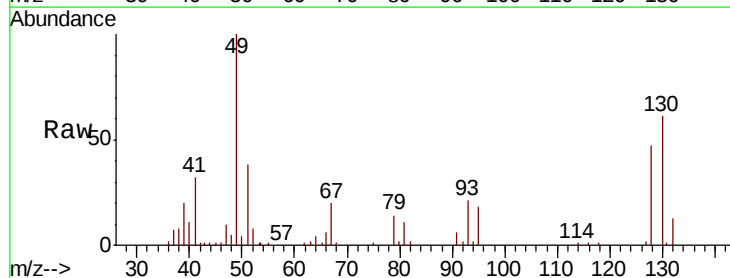
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



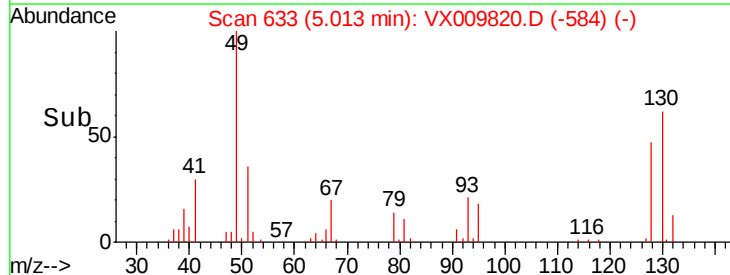
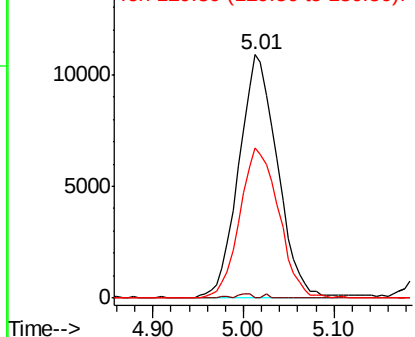
#28

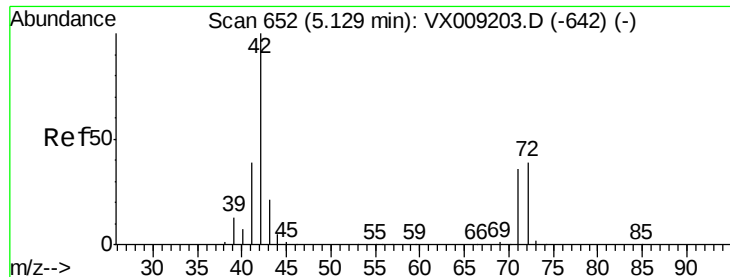
Bromochloromethane
 Concen: 19.559 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 49 Resp: 32154
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 62.1 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

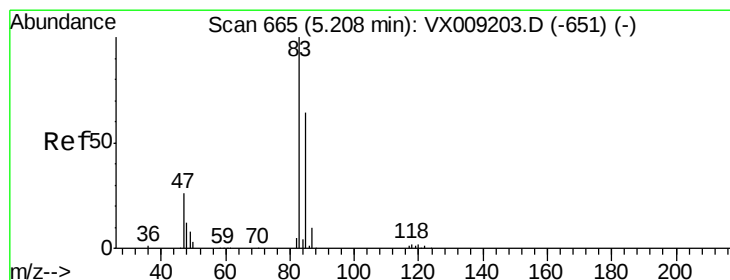
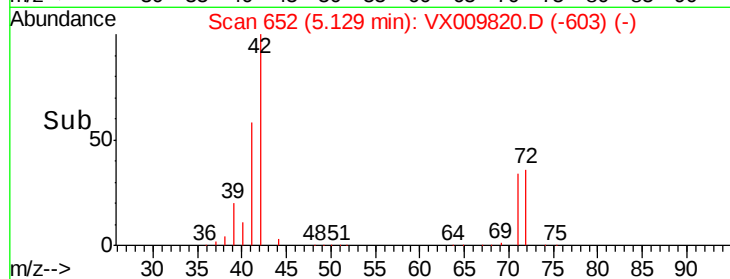
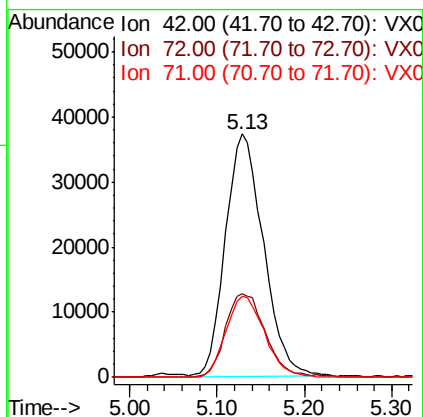
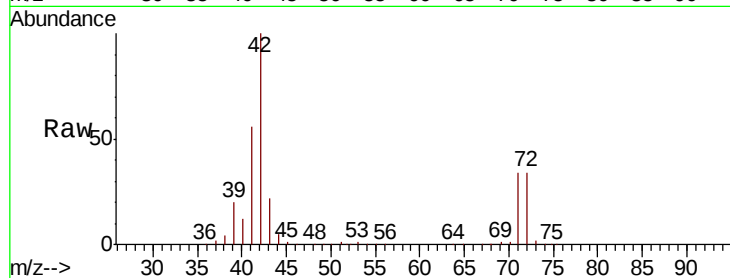




#29
Tetrahydrofuran
Concen: 88.495 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

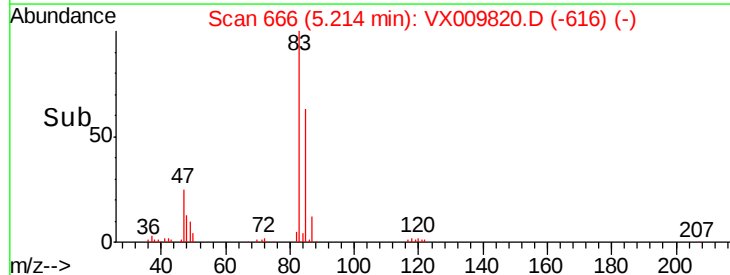
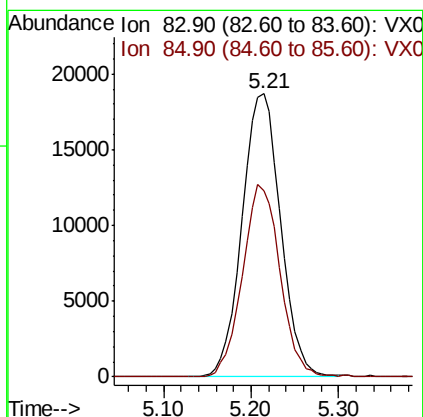
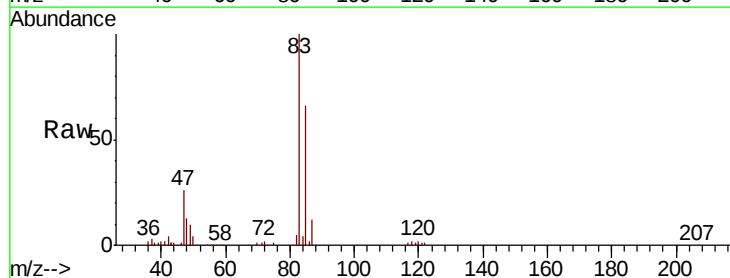
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

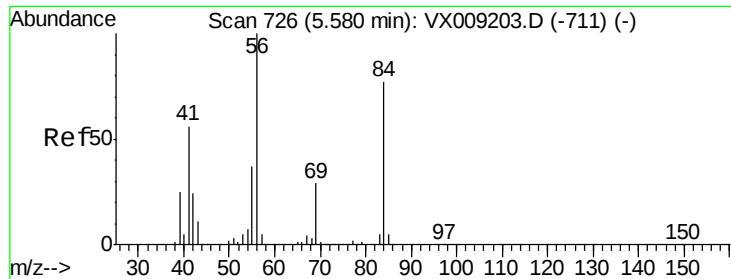
Tot Ion: 42 Resp: 112515
Ion Ratio Lower Upper
42 100
72 36.7 30.4 45.6
71 34.4 28.6 43.0



#30
Chloroform
Concen: 16.846 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion: 83 Resp: 57332
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3

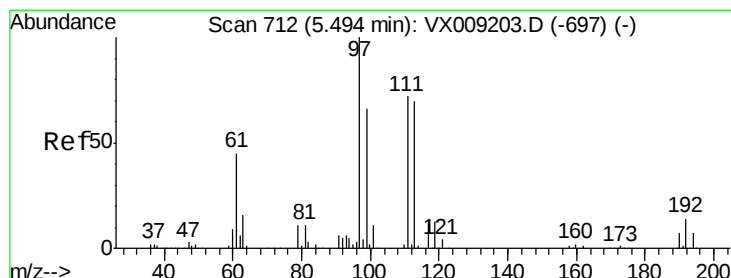
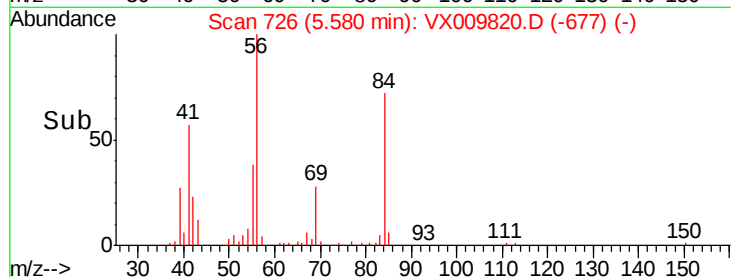
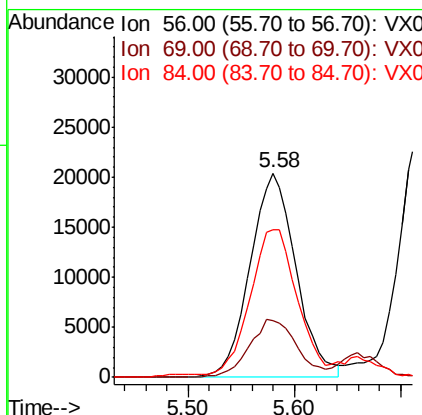
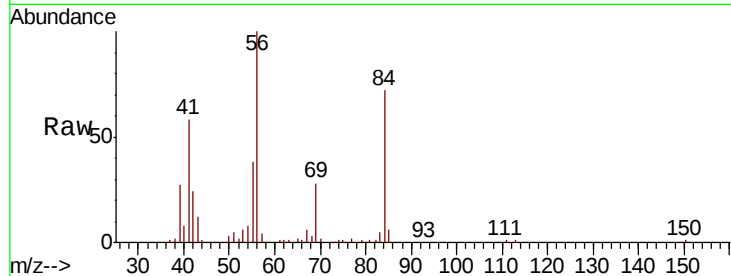




#31
Cyclohexane
Concen: 17.554 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

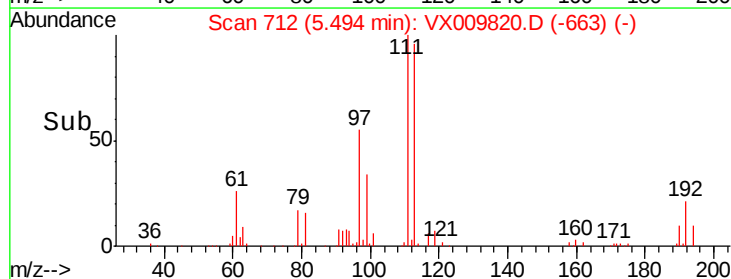
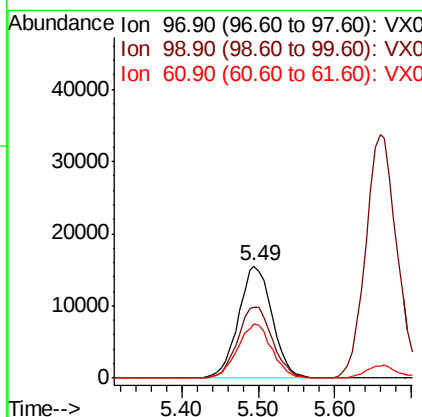
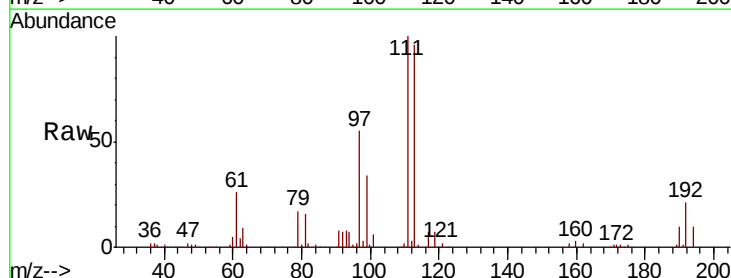
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

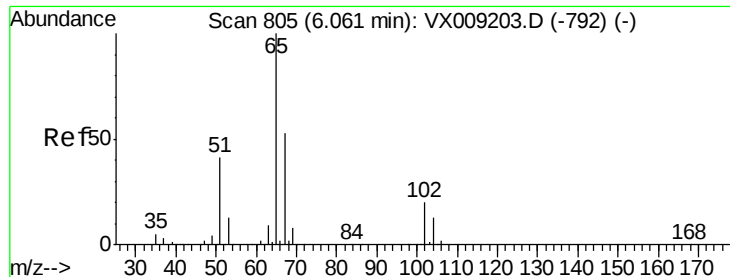
Tot Ion	56	Resp	61452
Ion Ratio	Lower	Upper	
56	100		
69	27.8	23.4	35.0
84	70.5	61.9	92.9



#32
1,1,1-Trichloroethane
Concen: 16.715 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion	97	Resp	47354
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.8	77.8
61	48.9	37.8	56.8

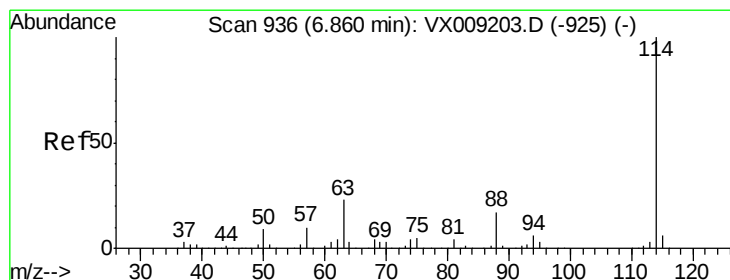
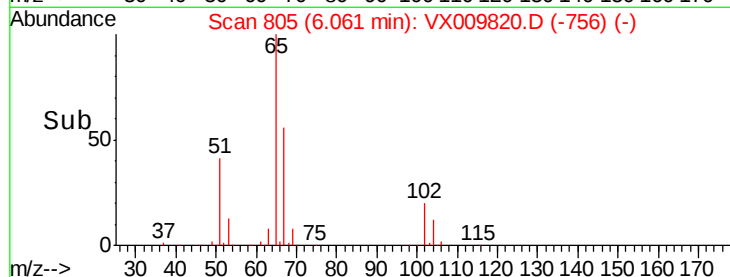
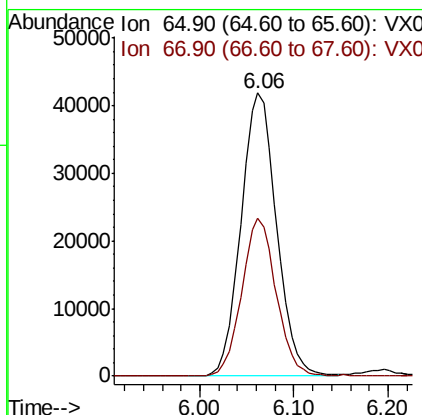
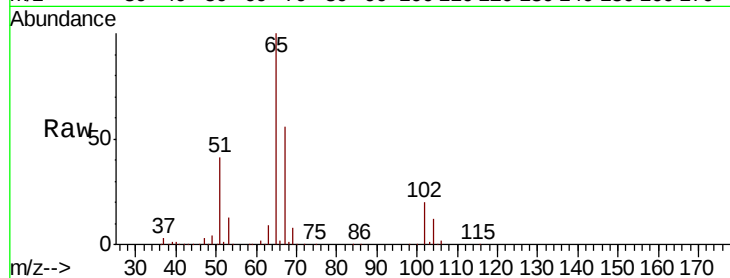




#33
 1,2-Dichloroethane-d4
 Concen: 46.782 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

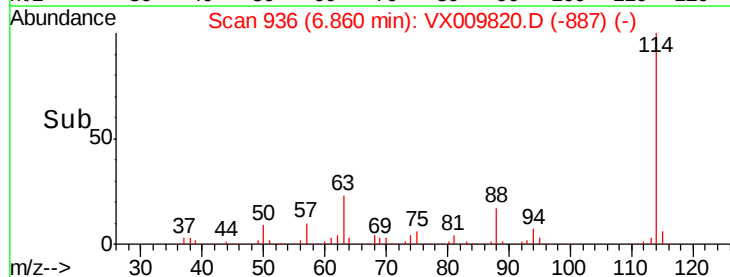
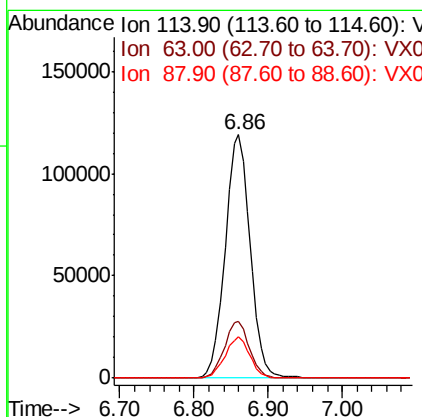
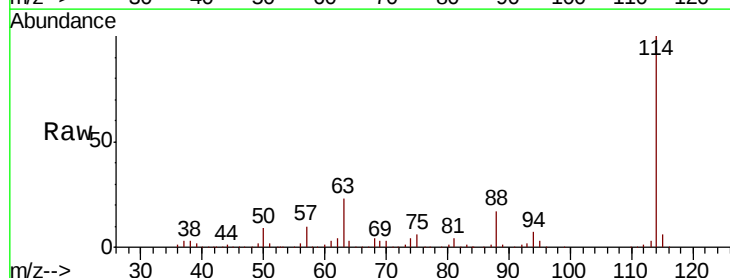
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

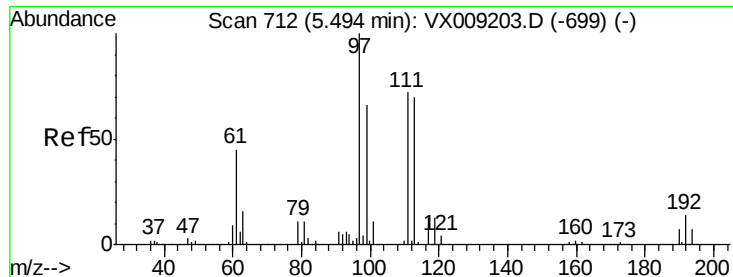
Tot Ion: 65 Resp: 110774
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 114 Resp: 278971
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 17.0 0.0 33.2

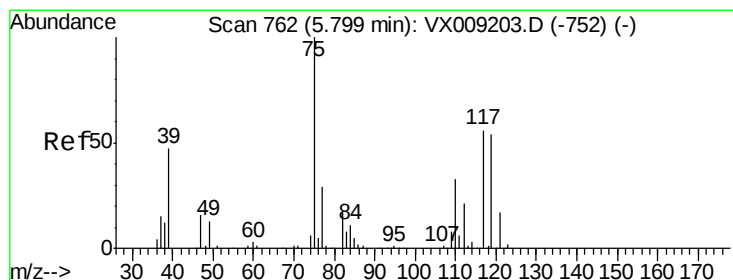
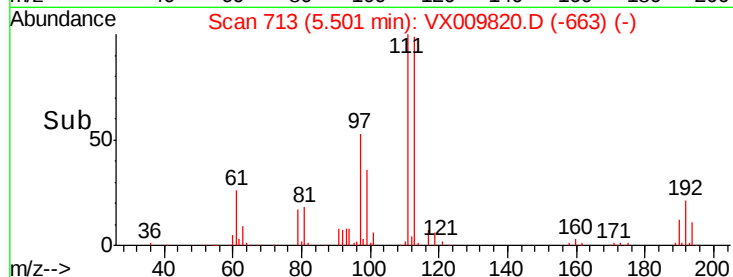
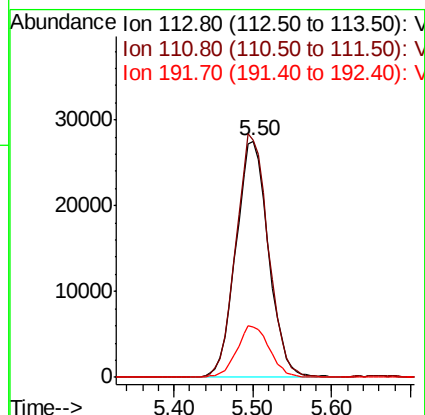
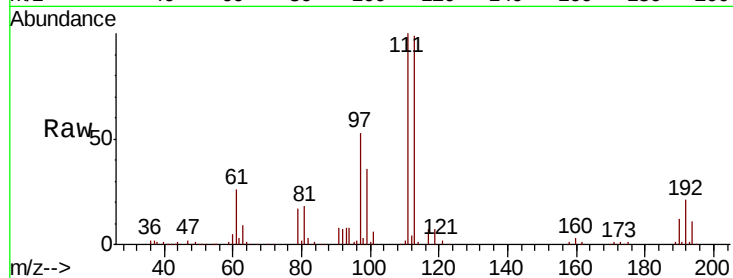




#35
 Dibromofluoromethane
 Concen: 45.079 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

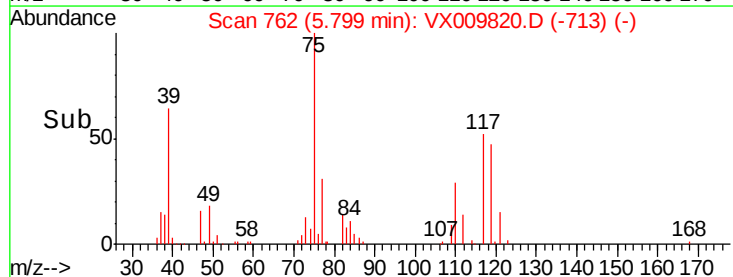
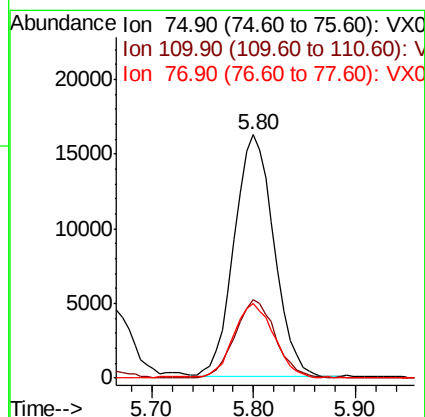
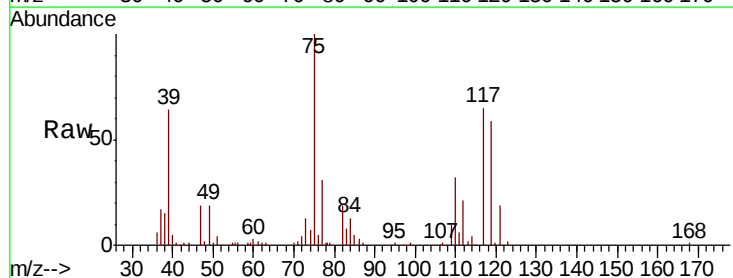
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

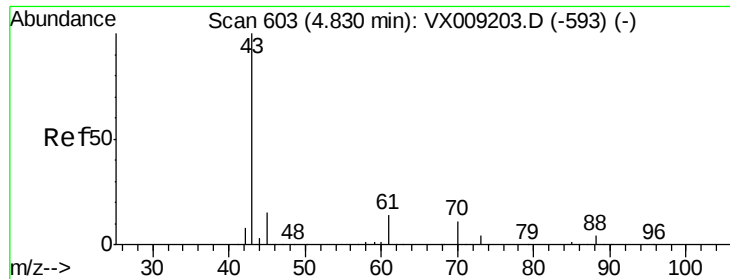
Tot Ion:113 Resp: 79056
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 16.911 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 75 Resp: 43843
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.9 50.6
 77 32.3 24.8 37.2





#37

Ethyl Acetate

Concen: 17.711 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

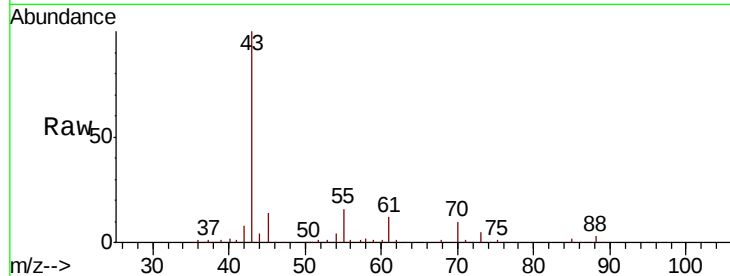
Tot Ion: 43 Resp: 63975

Ion Ratio Lower Upper

43 100

61 13.0 10.5 15.7

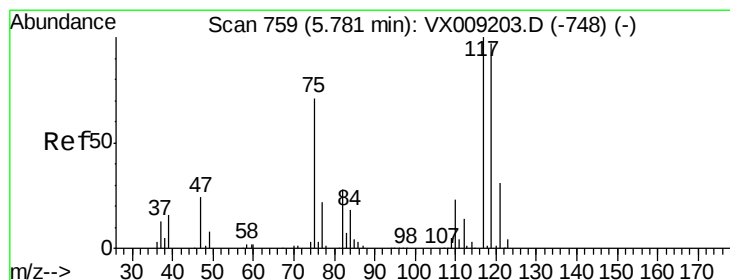
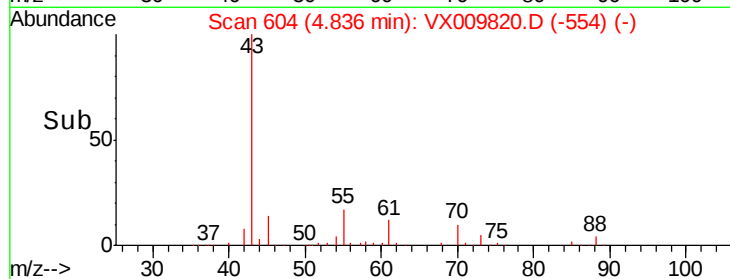
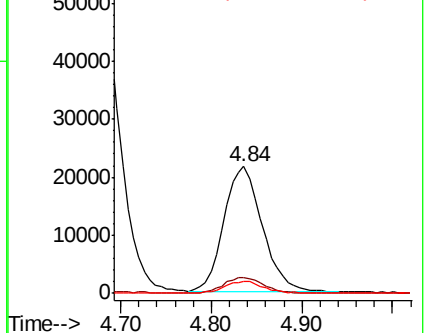
70 9.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 16.915 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

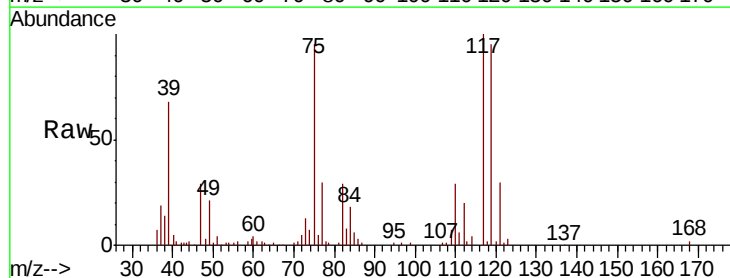
Tgt Ion: 117 Resp: 39843

Ion Ratio Lower Upper

117 100

119 94.5 77.5 116.3

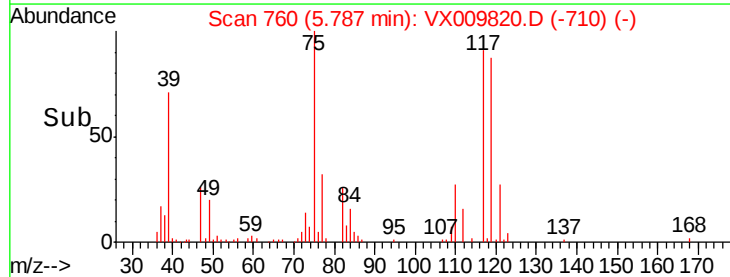
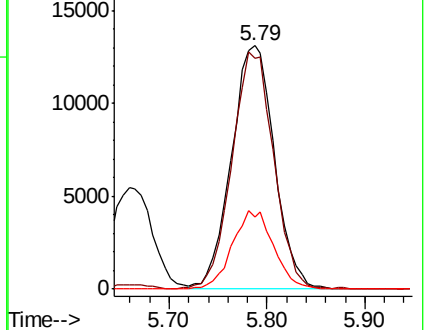
121 29.7 24.7 37.1

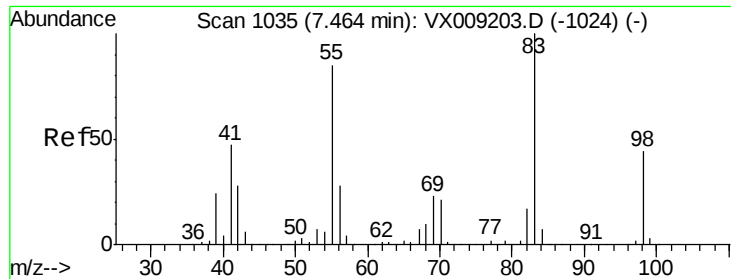


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

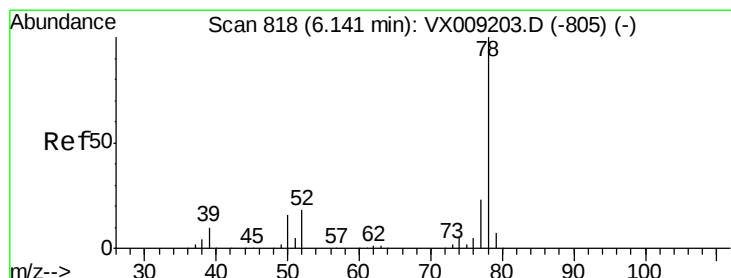
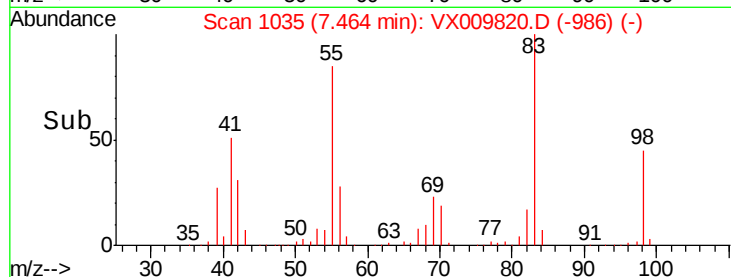
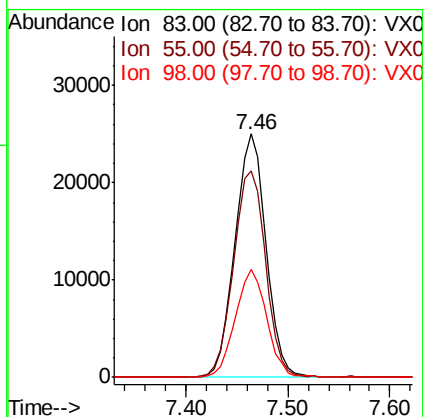
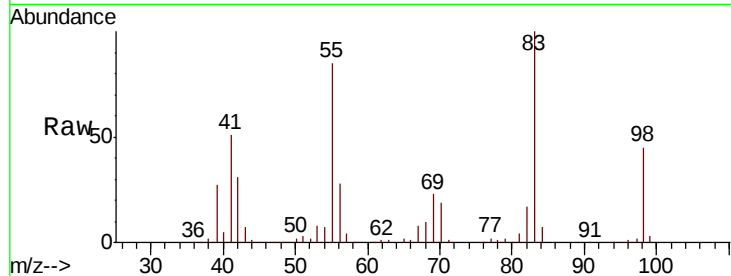




#39
Methvlcvclohexane
Concen: 16.605 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

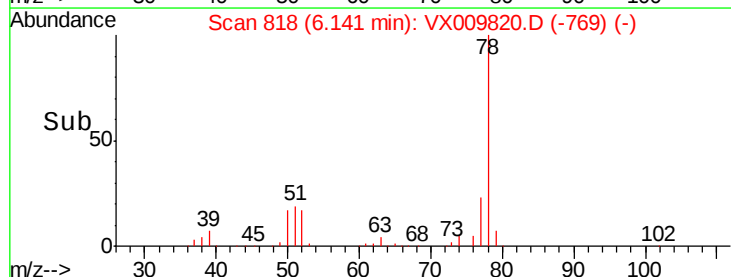
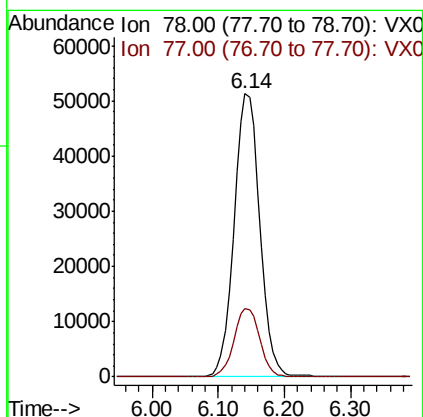
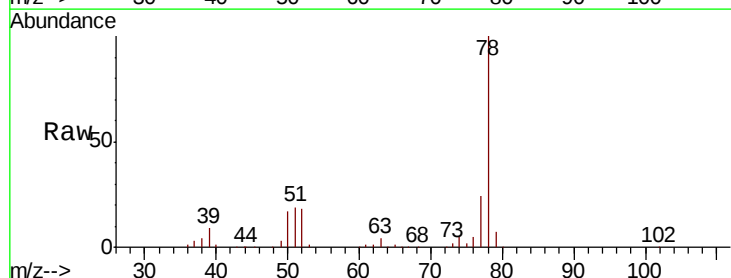
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

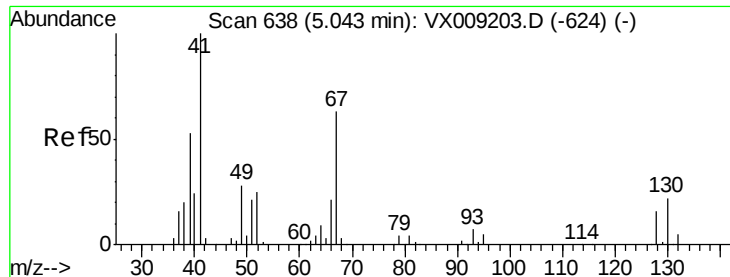
Tot Ion: 83 Resp: 52869
Ion Ratio Lower Upper
83 100
55 84.7 67.7 101.5
98 44.5 35.5 53.3



#40
Benzene
Concen: 17.180 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion: 78 Resp: 137845
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

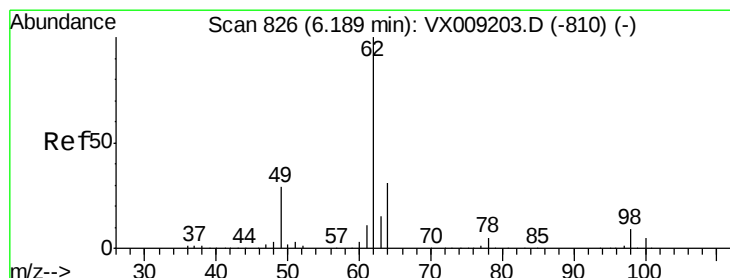
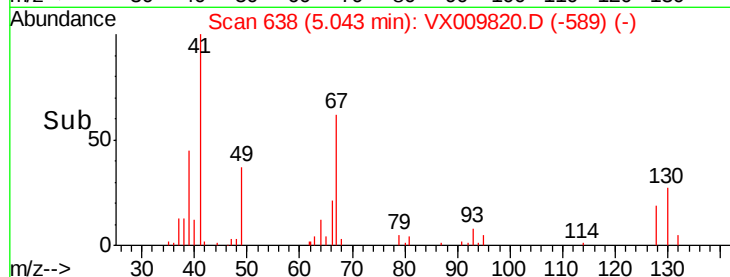
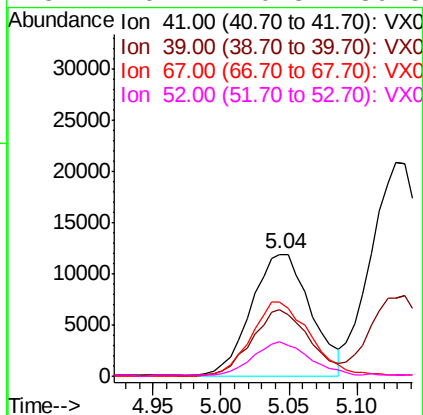
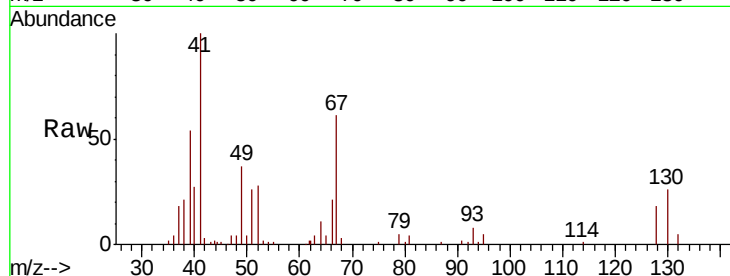




#41
Methacrylonitrile
Concen: 16.840 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

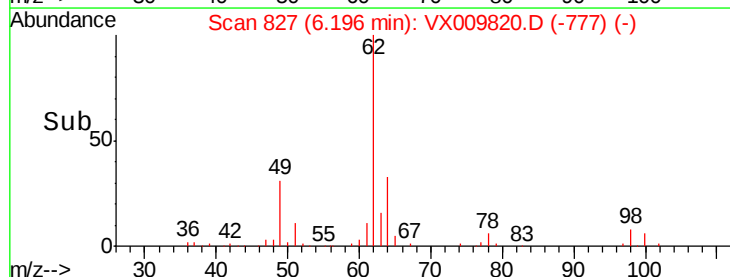
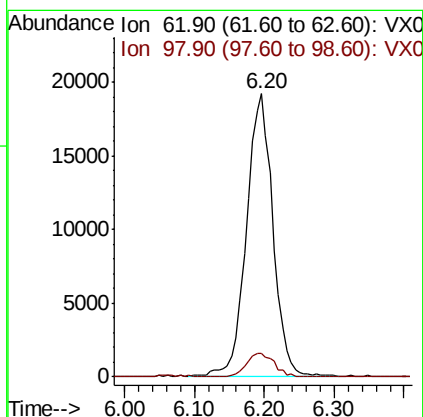
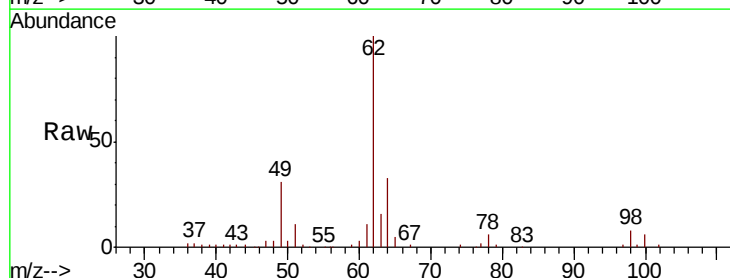
Instrument :
MSVOA_X
ClientSampled :
VX0522MBS02

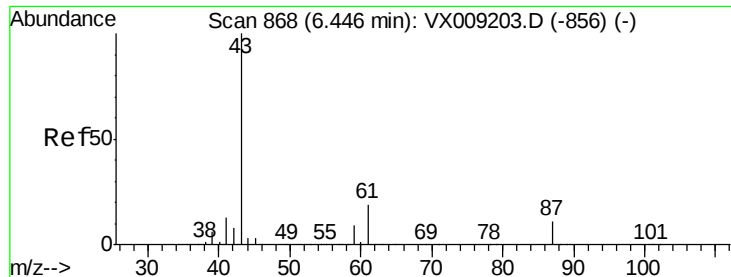
Tot Ion:	41	Resp:	36210
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.0	63.0
67	61.7	49.8	74.8
52	26.1	20.3	30.5



#42
1,2-Dichloroethane
Concen: 17.590 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion:	62	Resp:	50626
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



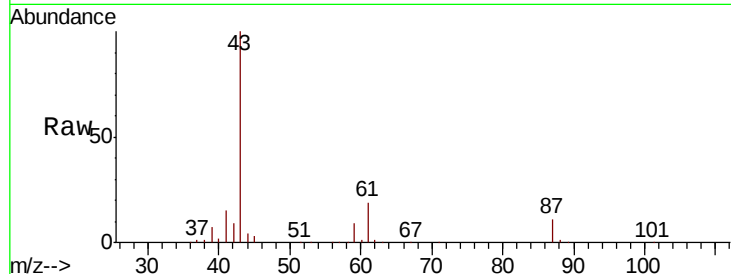


#43

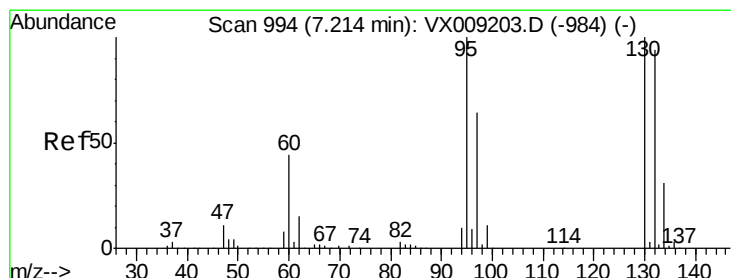
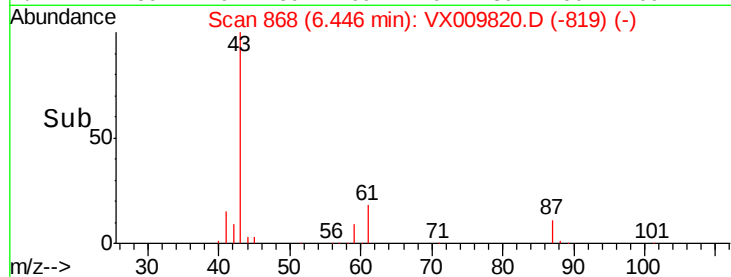
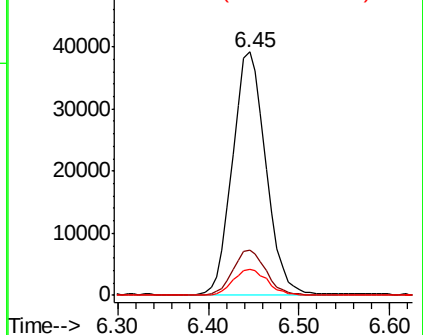
Isopropyl Acetate
 Concen: 17.299 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0522MBS02

Tot Ion	43	Resp	99948
Ion Ratio	100		
Lower	15.1		
Upper	22.7		
61	18.4		
87	11.0		
	9.0		
	13.6		



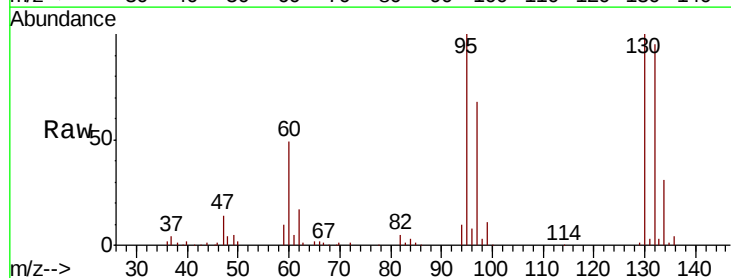
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



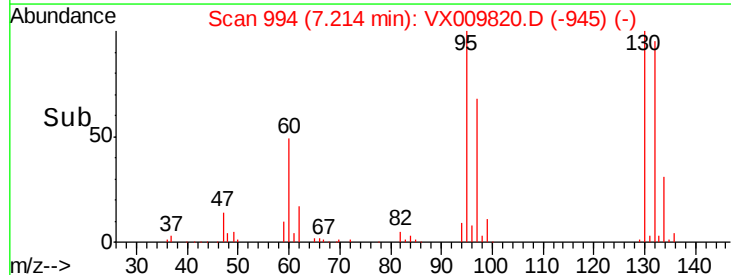
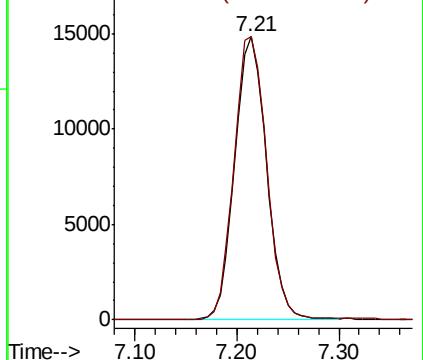
#44

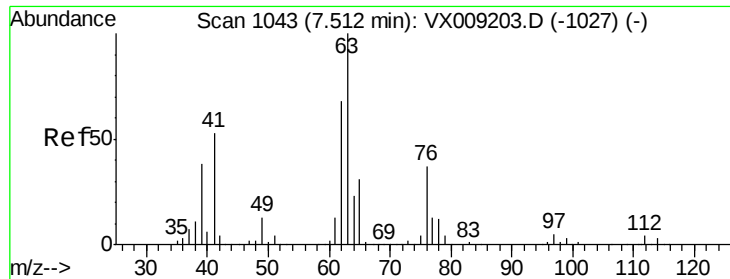
Trichloroethene
 Concen: 16.564 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion	130	Resp	32128
Ion Ratio	100		
Lower	0.0		
Upper	199.2		
95	100.0		



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

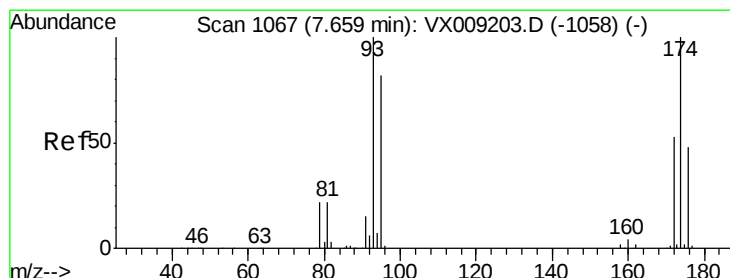
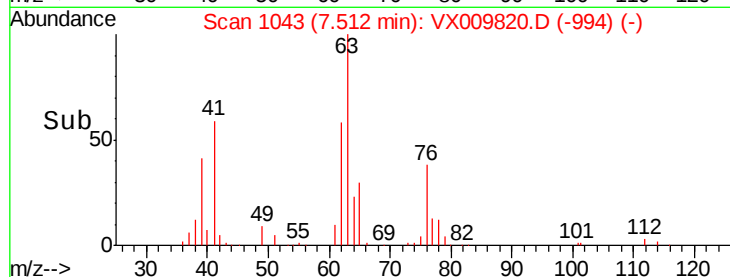
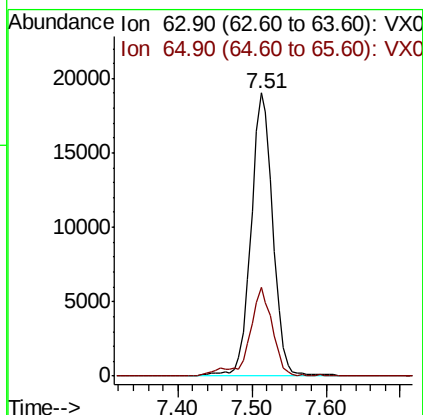
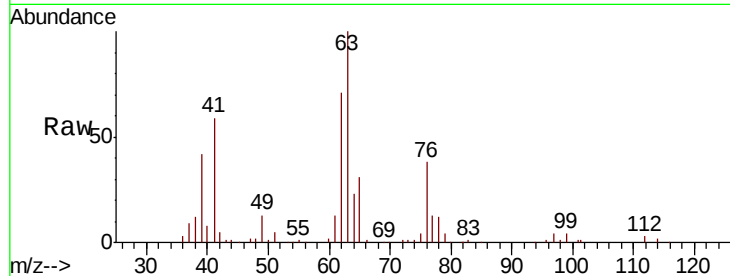




#45
 1,2-Dichloropropane
 Concen: 17.239 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

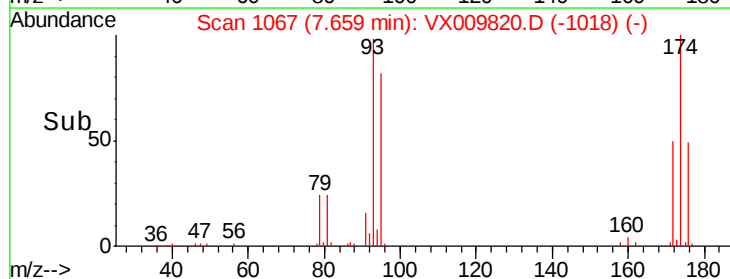
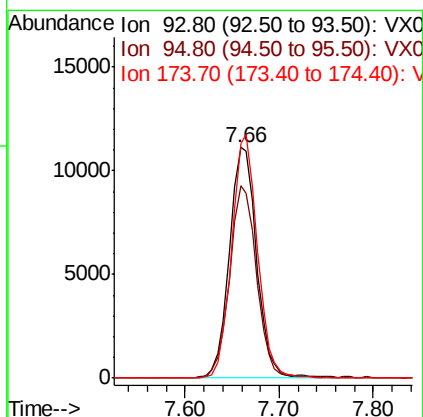
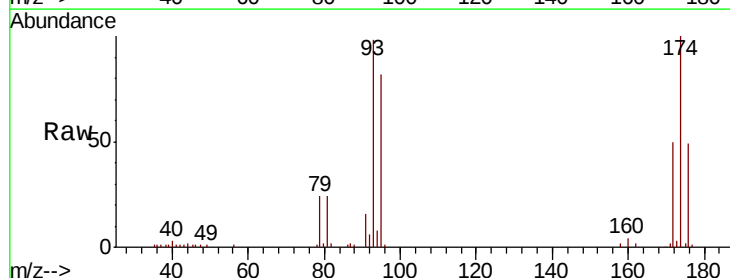
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

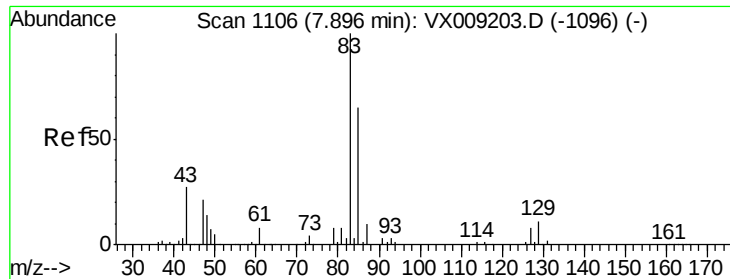
Tot Ion: 63 Resp: 39166
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 16.945 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 93 Resp: 22356
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.5 99.7
 174 99.9 82.1 123.1

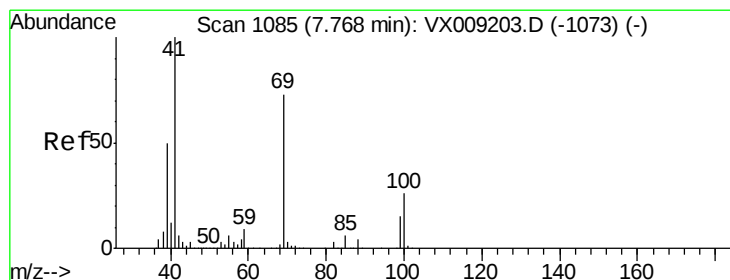
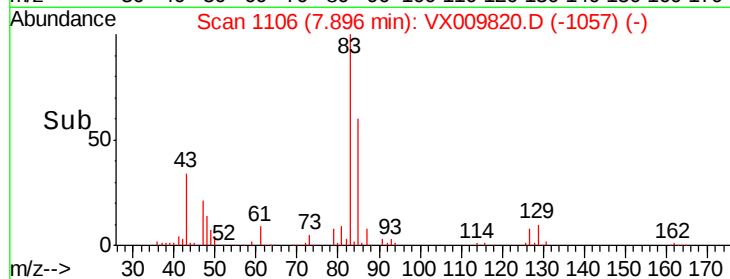
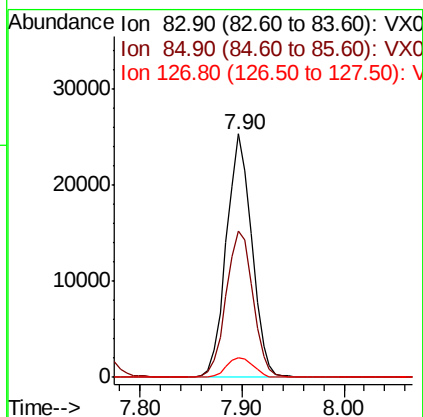
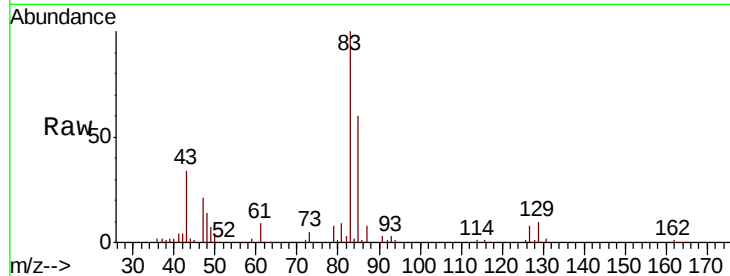




#47
 Bromodichloromethane
 Concen: 16.660 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

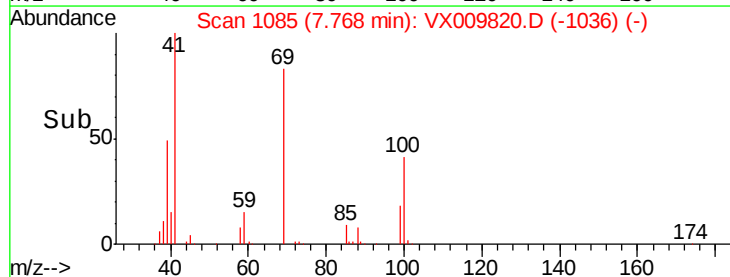
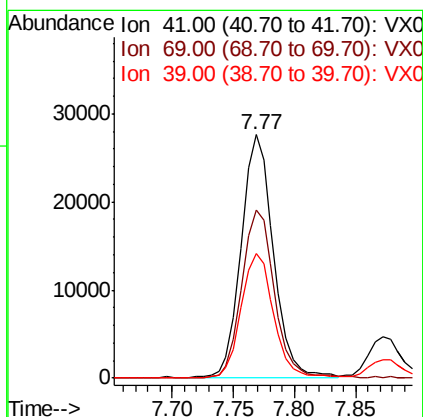
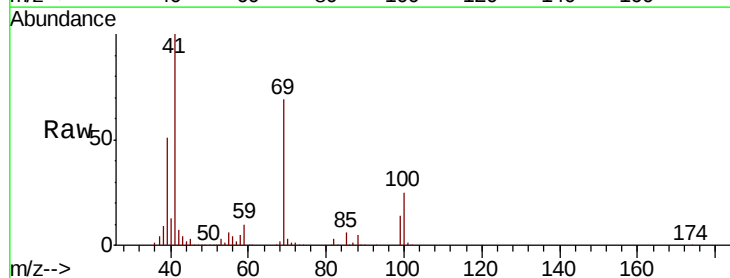
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

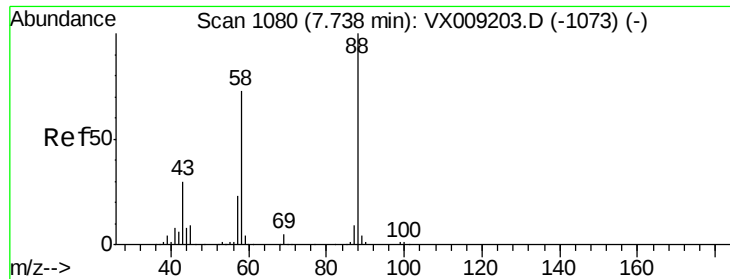
Tot Ion: 83 Resp: 43843
 Ion Ratio Lower Upper
 83 100
 85 60.1 52.4 78.6
 127 7.9 6.6 10.0



#48
 Methyl methacrylate
 Concen: 17.483 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 41 Resp: 50116
 Ion Ratio Lower Upper
 41 100
 69 71.1 59.1 88.7
 39 51.9 40.4 60.6

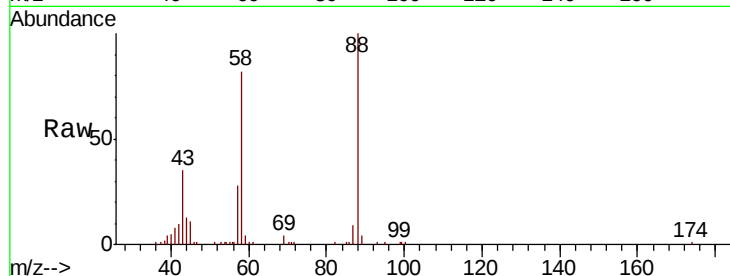




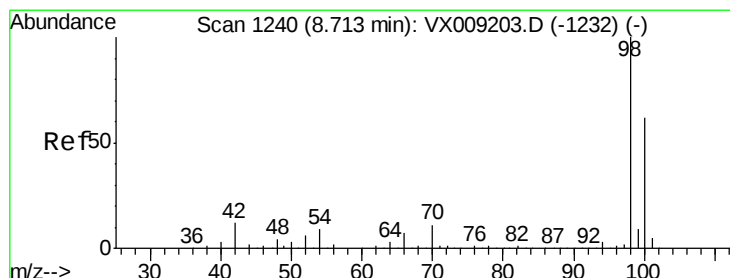
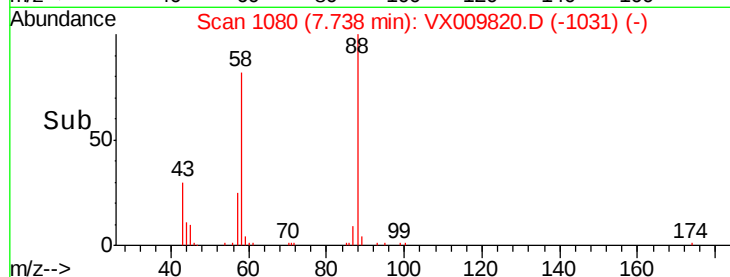
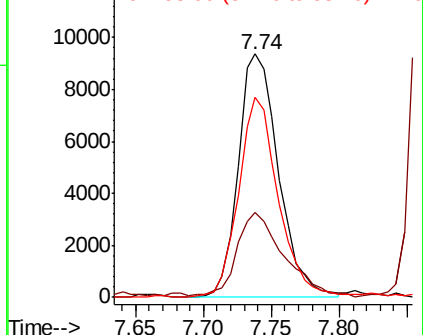
#49
 1,4-Dioxane
 Concen: 332.705 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

Tot Ion: 88 Resp: 19341
 Ion Ratio Lower Upper
 88 100
 43 41.5 28.6 42.8
 58 81.3 61.7 92.5

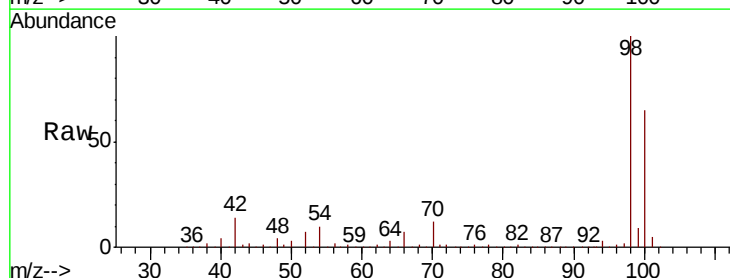


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

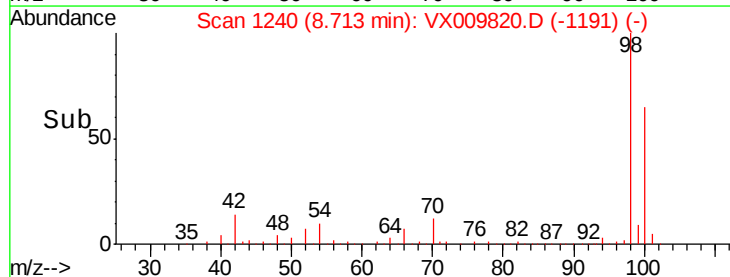
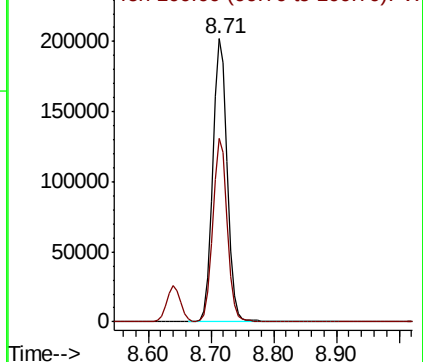


#50
 Toluene-d8
 Concen: 45.393 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 98 Resp: 321394
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 88.520 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

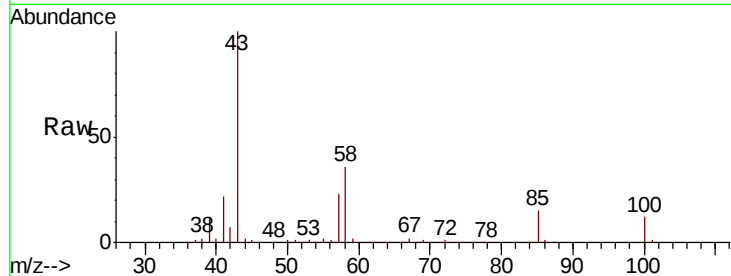
VX0522MBS02

Tot Ion: 43 Resp: 334297

Ion Ratio Lower Upper

43 100

58 35.8 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

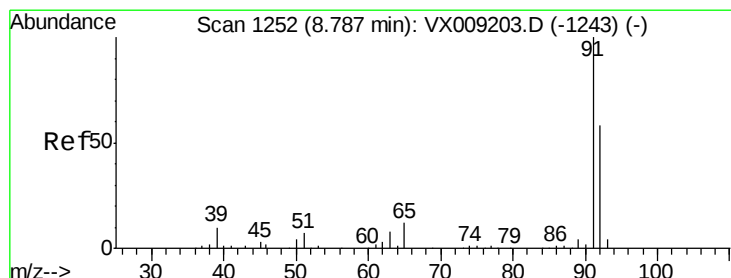
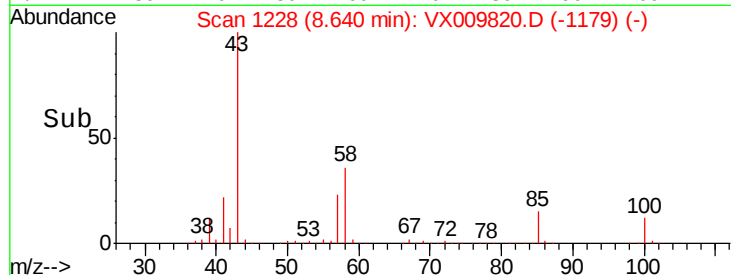
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 17.025 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009820.D

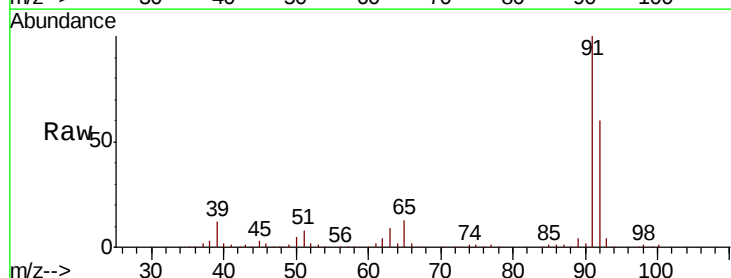
Acq: 22 May 2019 22:34

Tgt Ion: 92 Resp: 83034

Ion Ratio Lower Upper

92 100

91 171.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

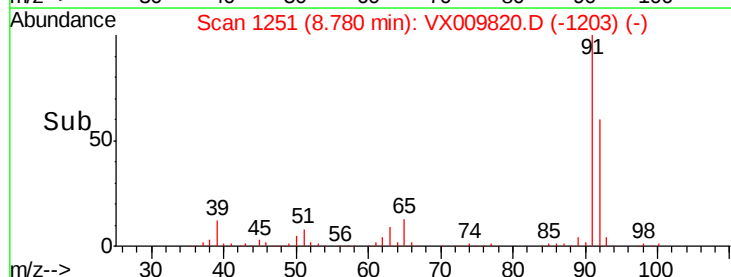
60000

40000

20000

0

Time--> 8.70 8.80 8.90

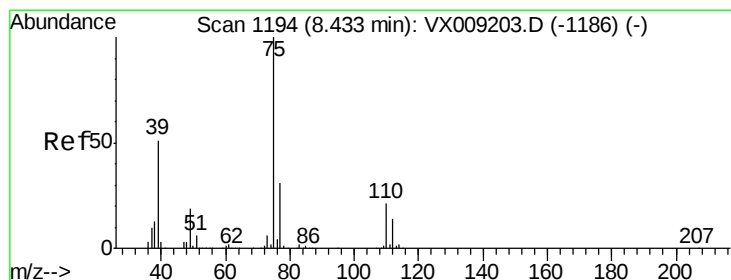
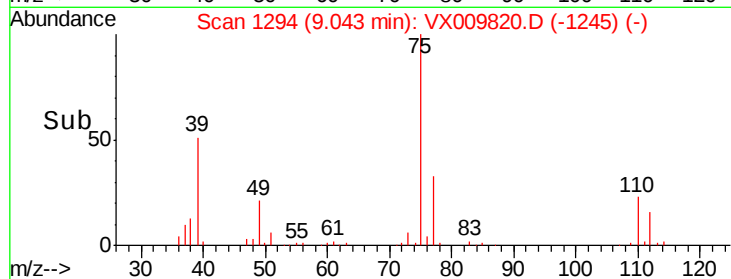
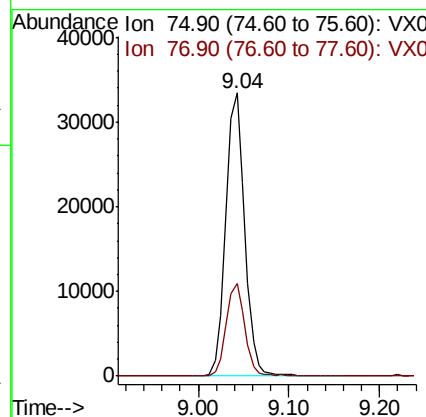
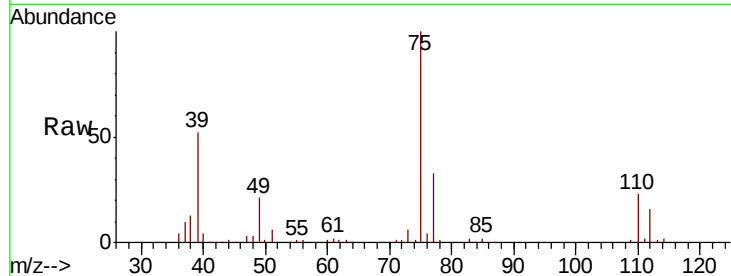




#53
 t-1,3-Dichloropropene
 Concen: 16.408 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

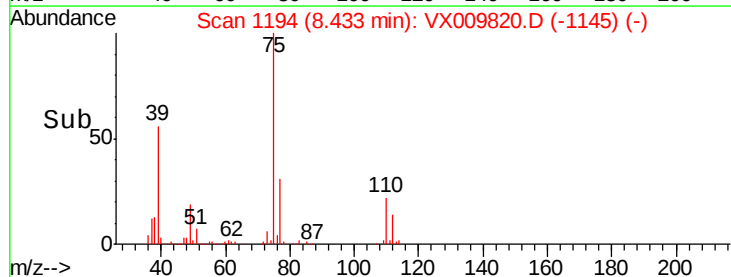
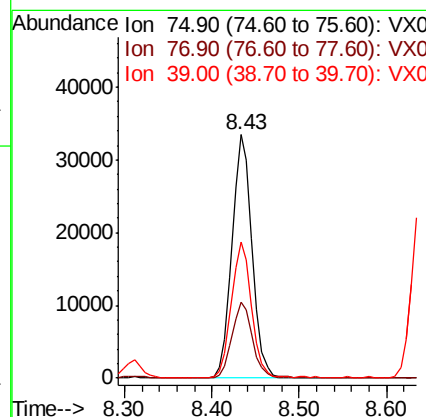
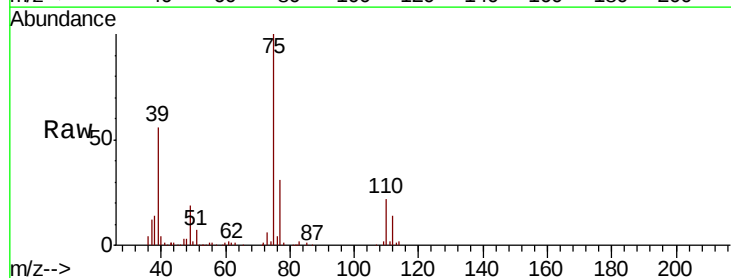
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

Tot Ion: 75 Resp: 48752
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 16.285 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion: 75 Resp: 53557
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8
 39 55.9 40.6 60.8

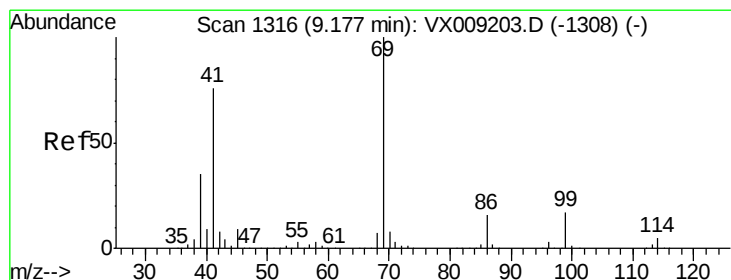
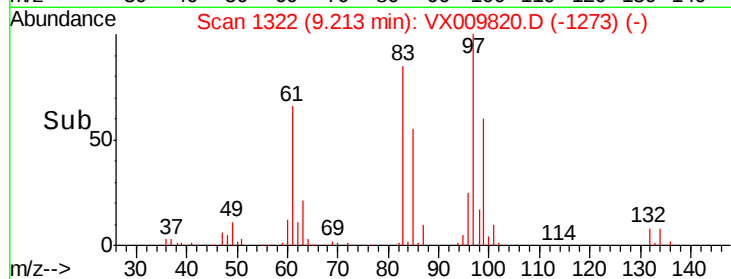
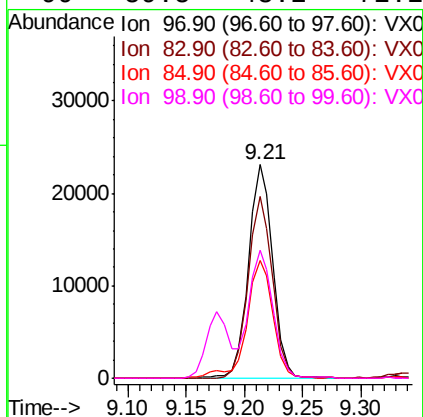
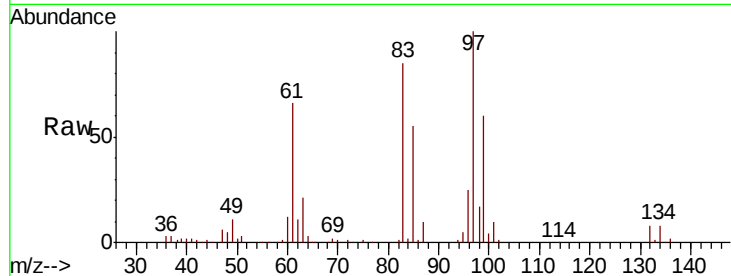




#55
 1,1,2-Trichloroethane
 Concen: 16.921 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

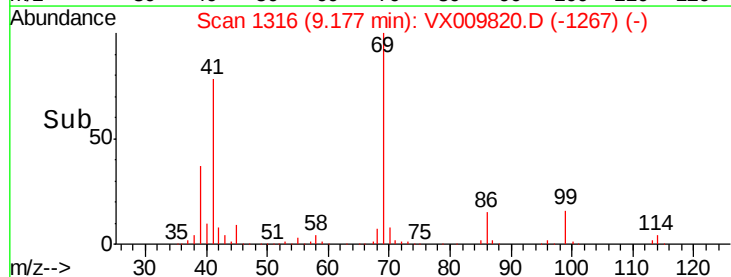
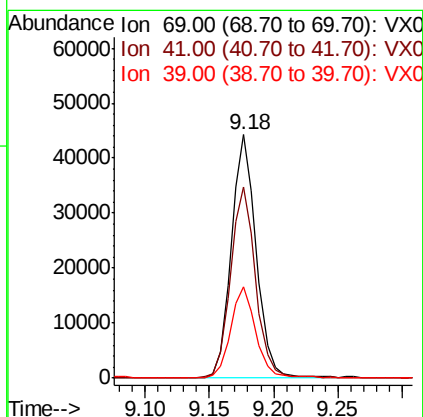
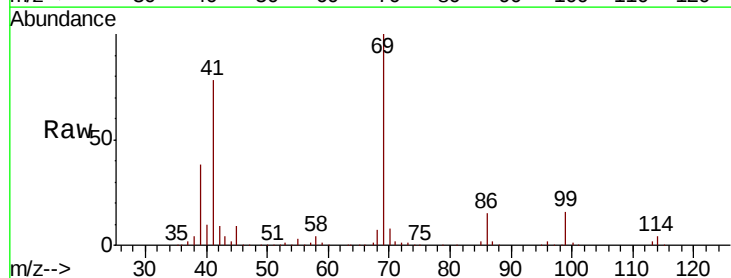
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

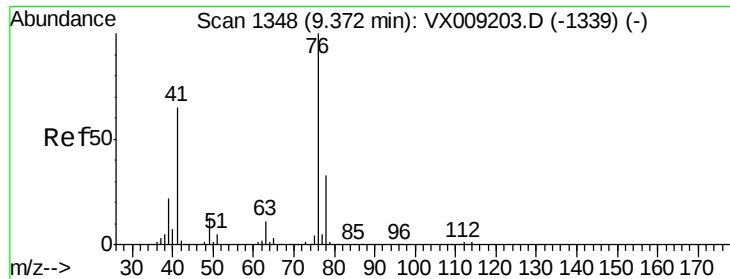
Tot Ion:	97	Resp:	33669
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.9	103.3
85	55.0	43.8	65.6
99	59.5	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 16.845 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion:	69	Resp:	59832
Ion	Ratio	Lower	Upper
69	100		
41	78.7	60.6	90.8
39	37.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 16.759 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

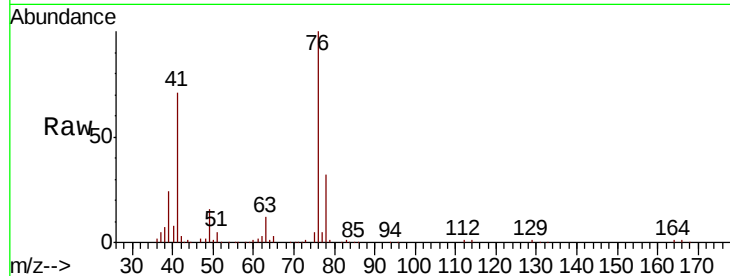
VX0522MBS02

Tot Ion: 76 Resp: 58681

Ion Ratio Lower Upper

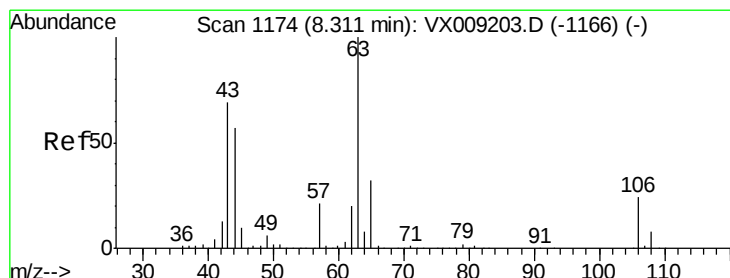
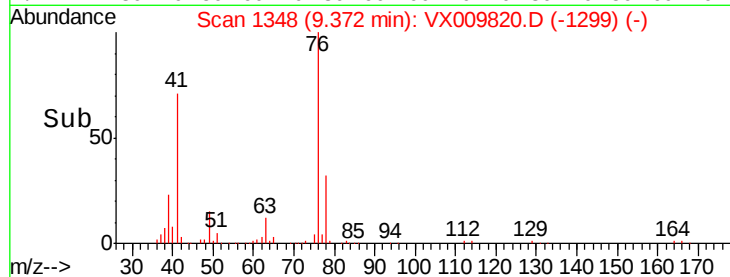
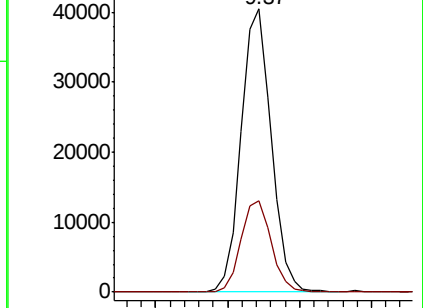
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 84.116 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009820.D

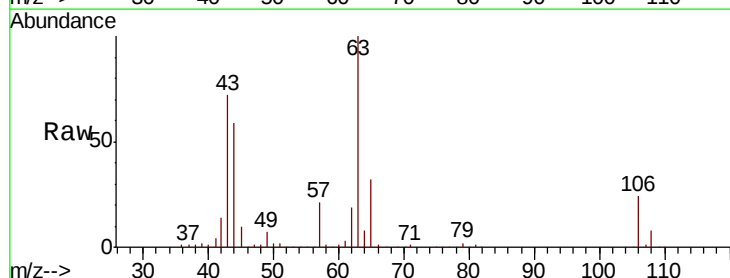
Acq: 22 May 2019 22:34

Tgt Ion: 63 Resp: 158494

Ion Ratio Lower Upper

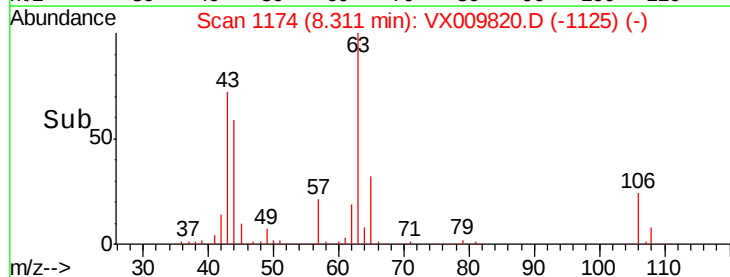
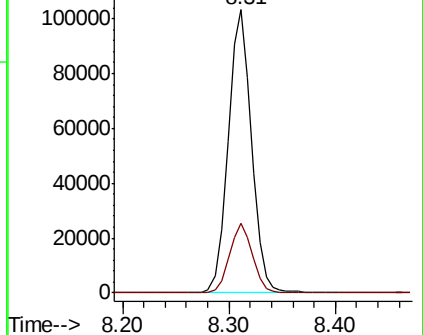
63 100

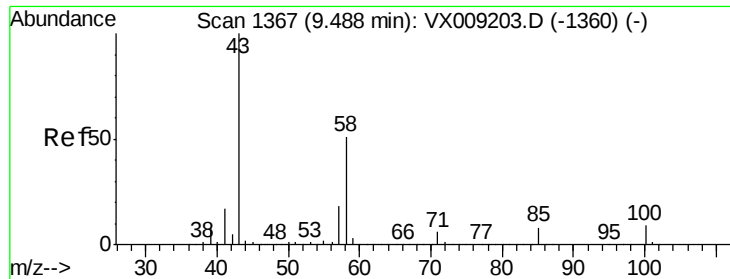
106 24.1 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

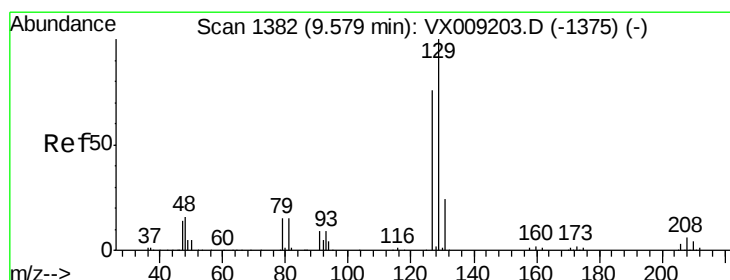
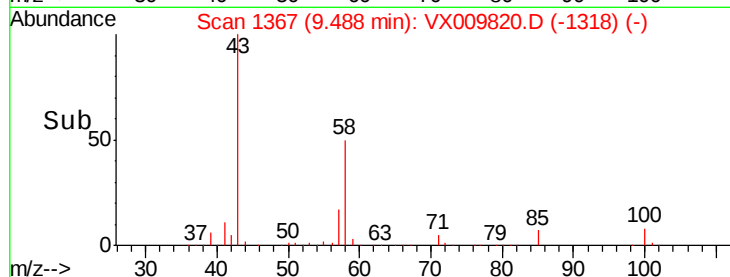
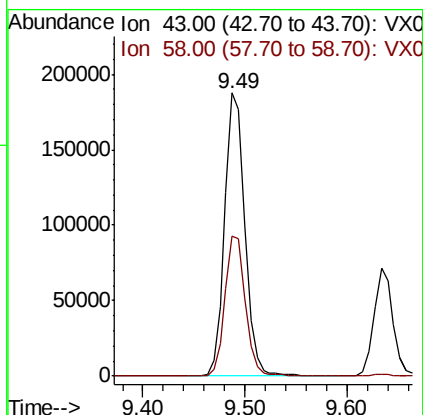
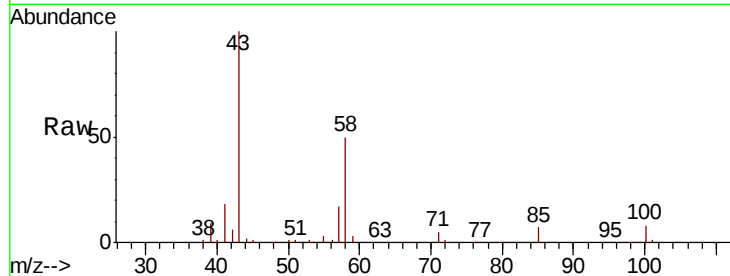




#59
2-Hexanone
Concen: 86.817 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

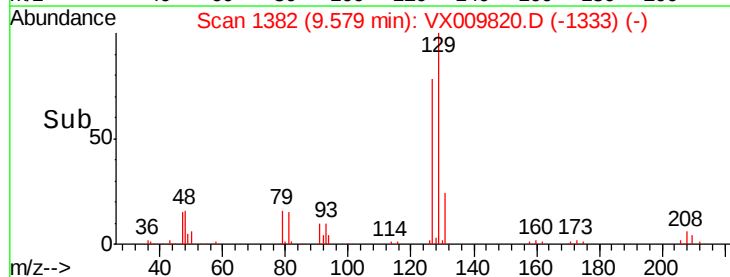
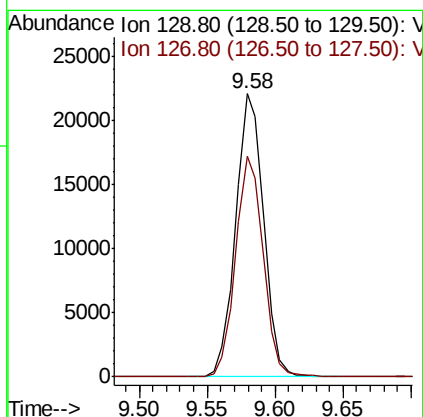
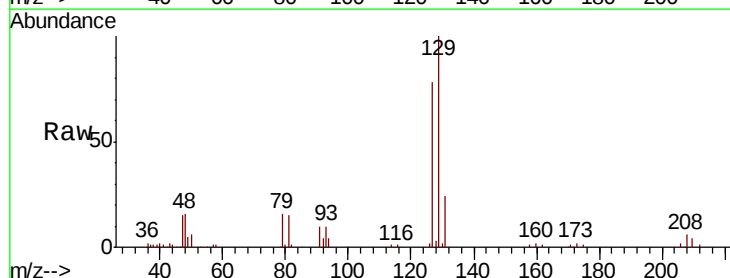
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

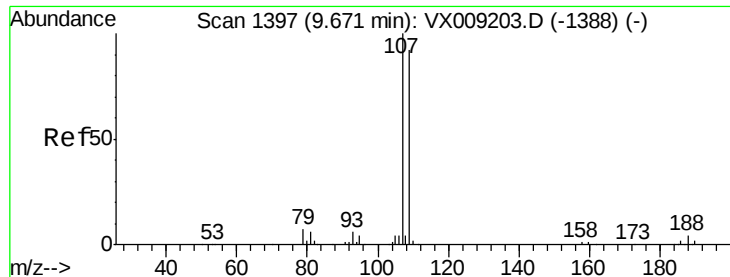
Tot Ion: 43 Resp: 257501
Ion Ratio Lower Upper
43 100
58 50.4 25.9 77.7



#60
Dibromochloromethane
Concen: 16.264 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion: 129 Resp: 31606
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 16.726 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

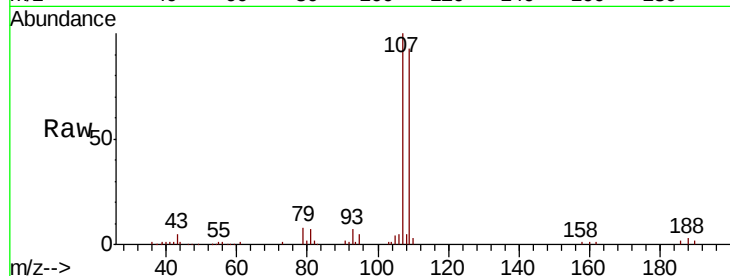
VX0522MBS02

Tot Ion:107 Resp: 33594

Ion Ratio Lower Upper

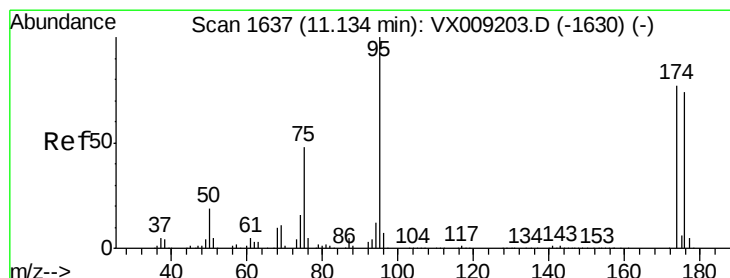
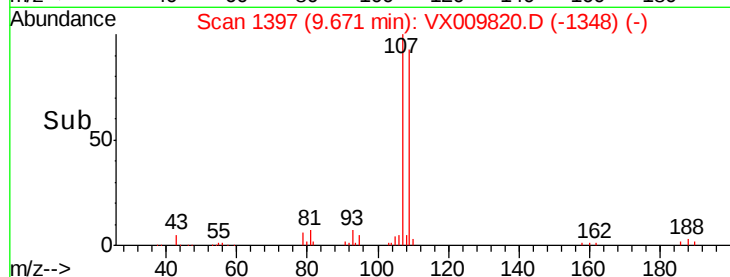
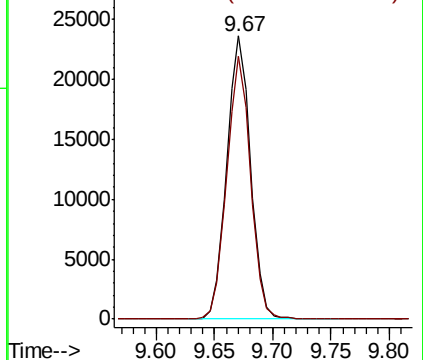
107 100

109 92.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.350 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

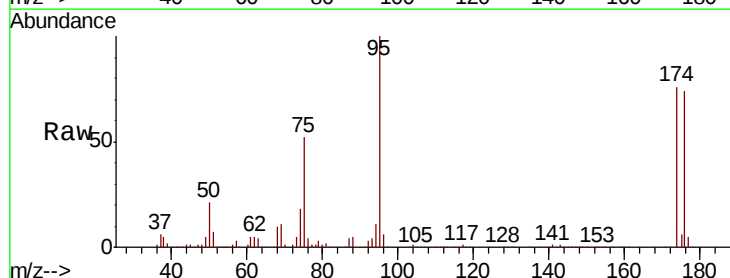
Tgt Ion: 95 Resp: 114099

Ion Ratio Lower Upper

95 100

174 81.9 0.0 161.6

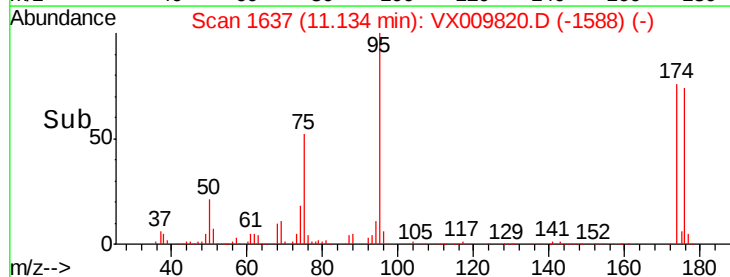
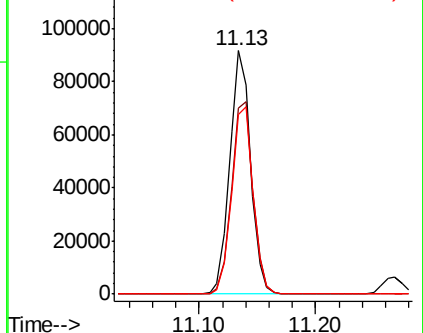
176 79.3 0.0 159.2

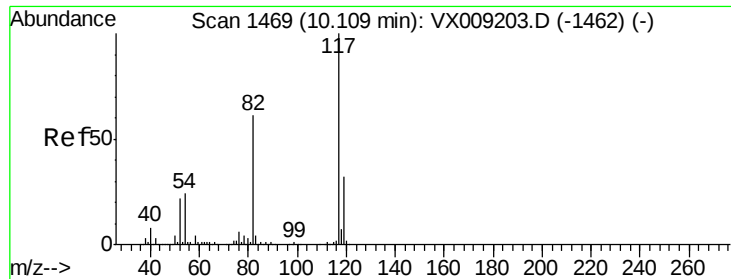


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

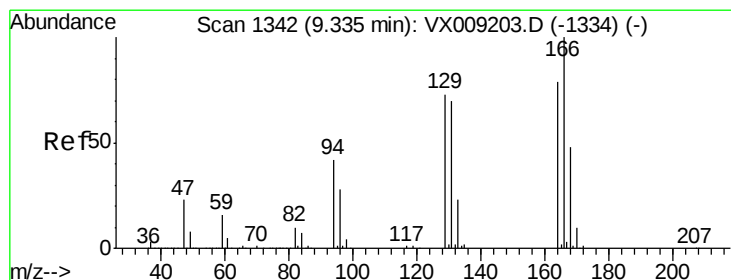
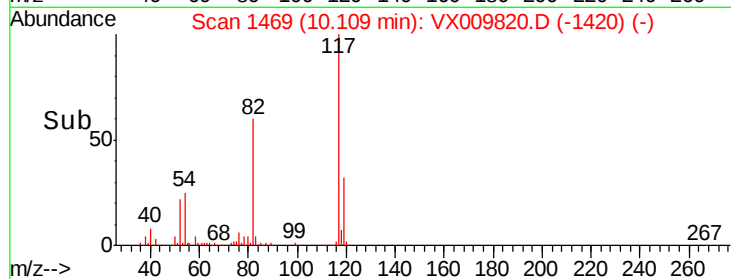
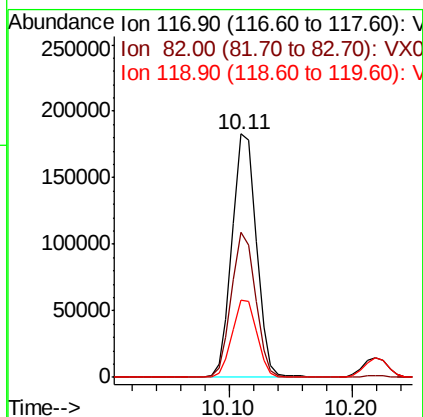
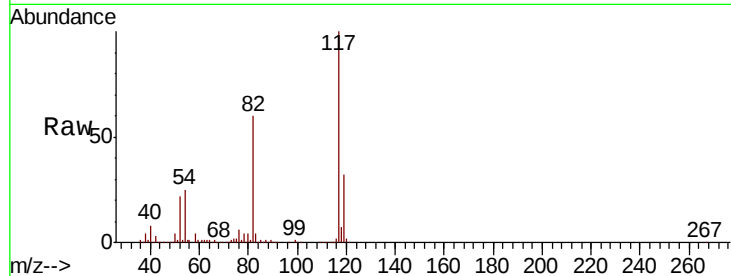




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

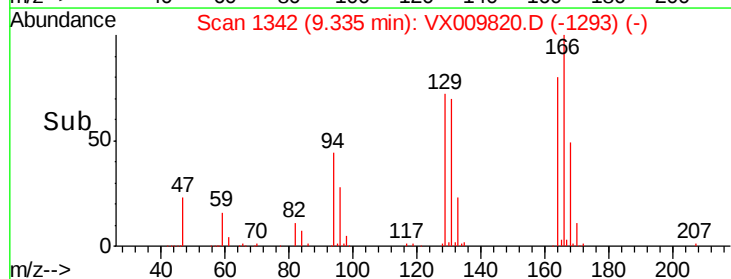
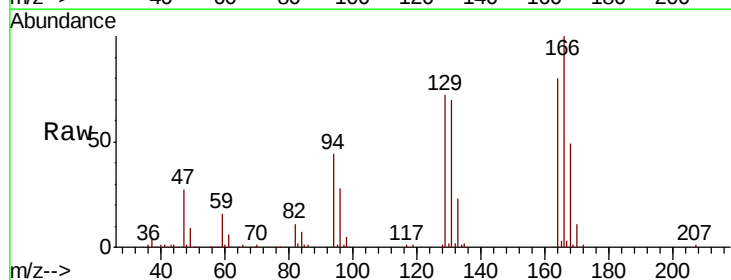
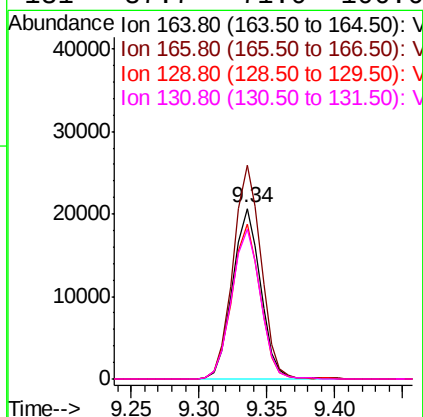
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

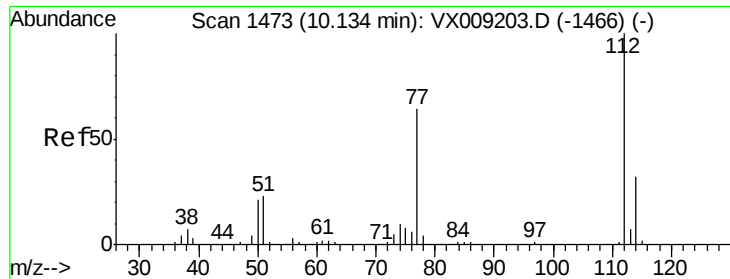
Tot Ion:117 Resp: 252360
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 17.177 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion:164 Resp: 29735
Ion Ratio Lower Upper
164 100
166 125.0 101.2 151.8
129 90.5 74.3 111.5
131 87.7 71.0 106.6

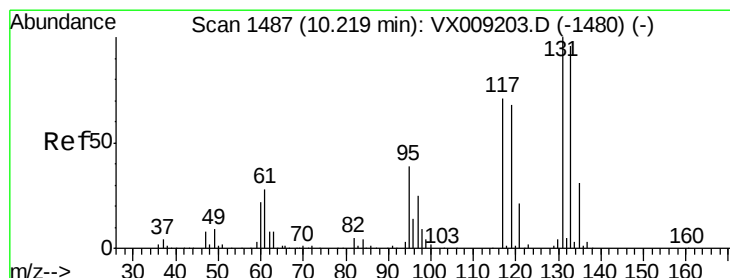
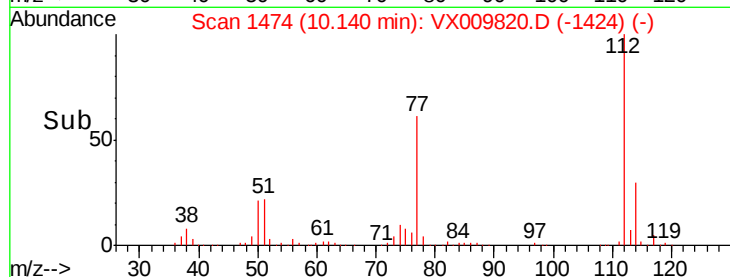
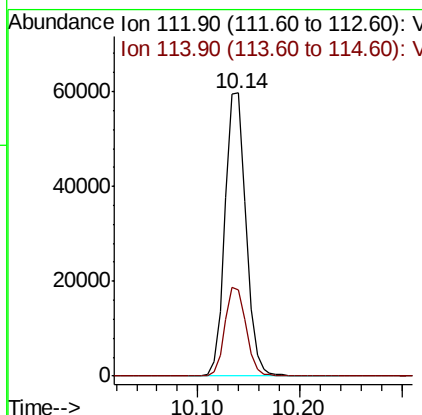
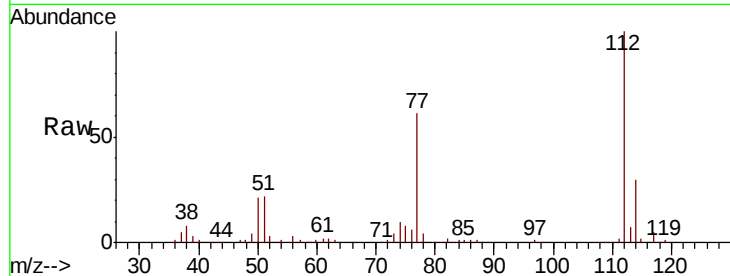




#65
Chlorobenzene
Concen: 16.867 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

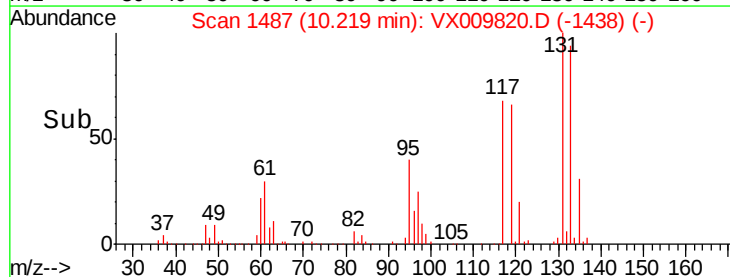
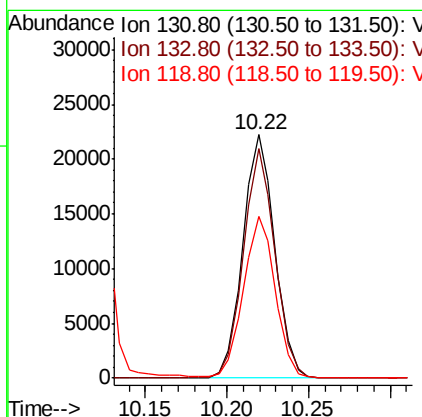
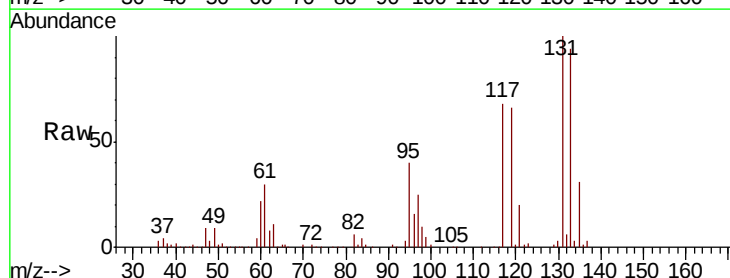
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

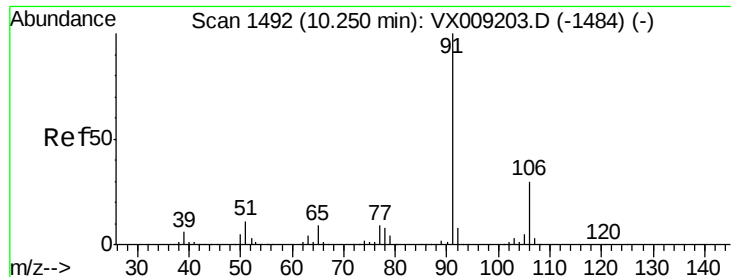
Tot Ion:112 Resp: 85149
Ion Ratio Lower Upper
112 100
114 30.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 16.514 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion:131 Resp: 30224
Ion Ratio Lower Upper
131 100
133 93.2 47.7 143.1
119 67.2 33.5 100.4

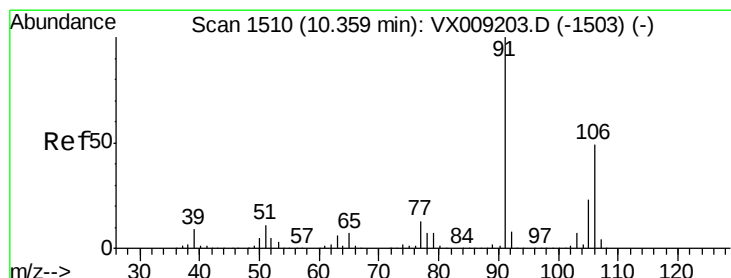
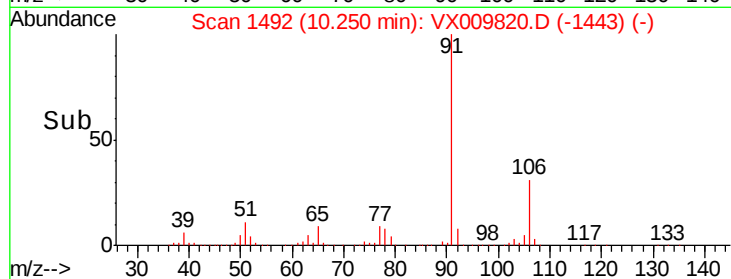
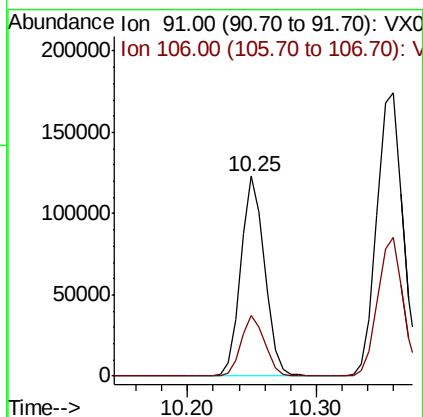
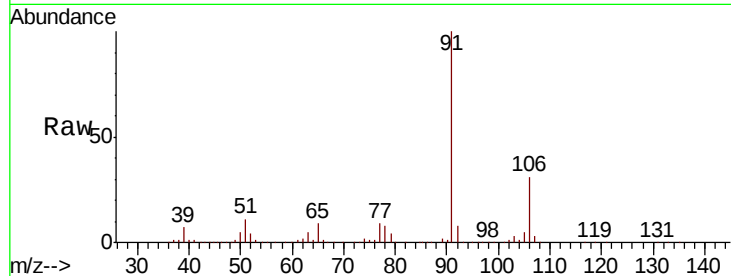




#67
Ethyl Benzene
Concen: 16.935 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

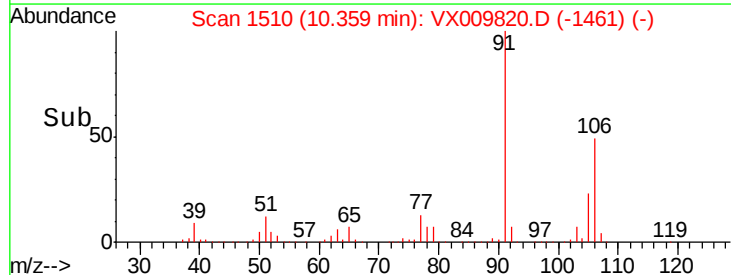
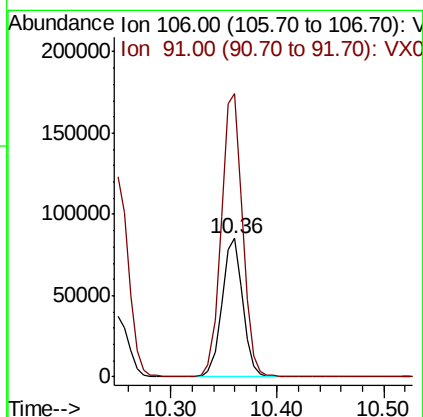
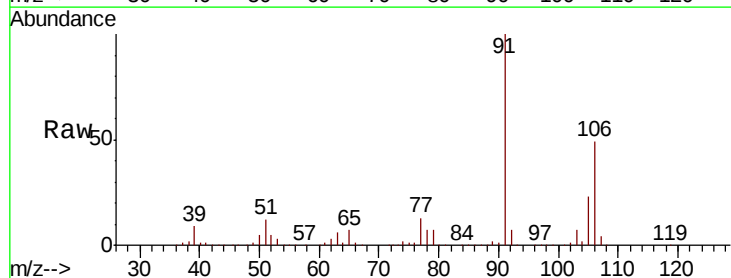
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

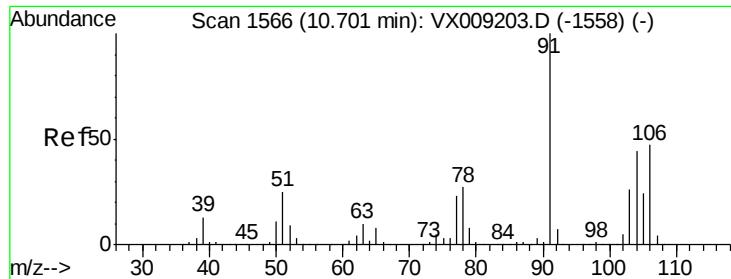
Tot Ion: 91 Resp: 157338
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0



#68
m/p-Xylenes
Concen: 34.105 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion: 106 Resp: 115793
Ion Ratio Lower Upper
106 100
91 209.2 164.0 246.0

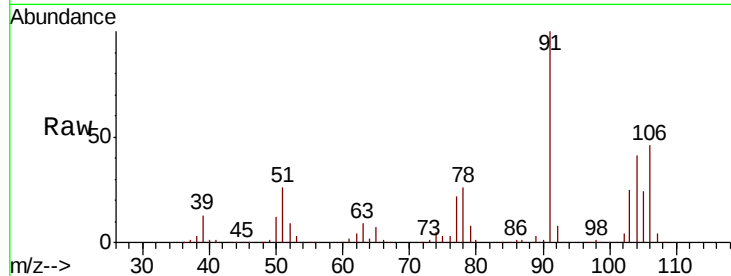




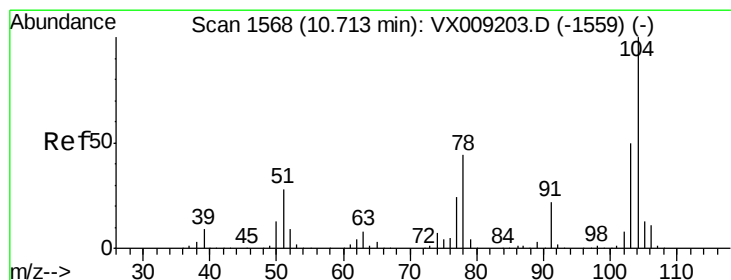
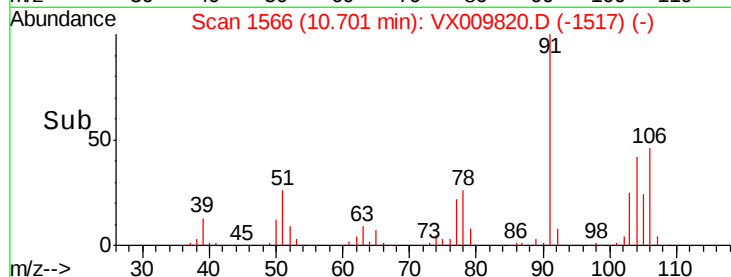
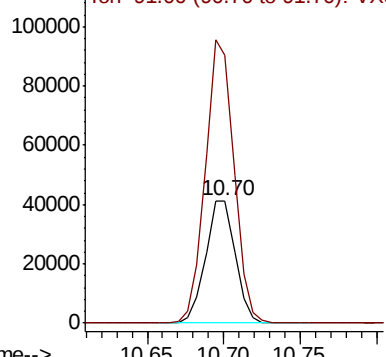
#69
o-Xylene
Concen: 16.652 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Instrument :
MSVOA_X
ClientSampled :
VX0522MBS02

Tot Ion:106 Resp: 55783
Ion Ratio Lower Upper
106 100
91 223.0 109.5 328.4

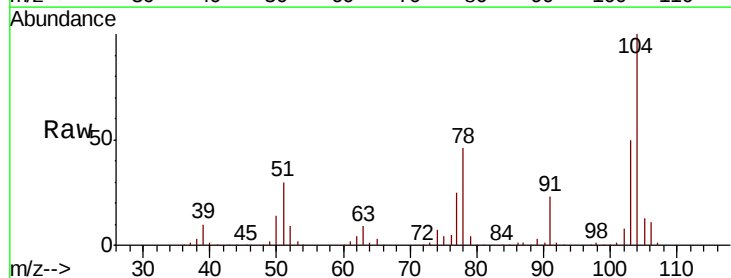


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

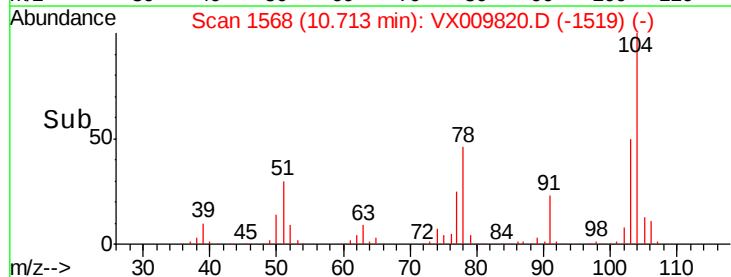
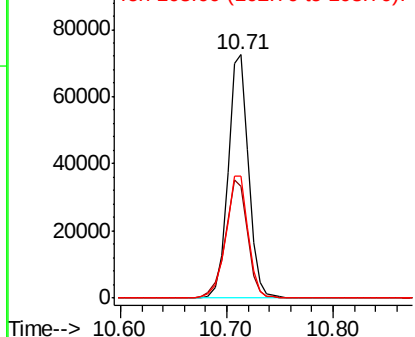


#70
Styrene
Concen: 16.696 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion:104 Resp: 97211
Ion Ratio Lower Upper
104 100
78 52.6 41.0 61.4
103 54.5 43.8 65.6



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





#71

Bromoform

Concen: 15.796 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

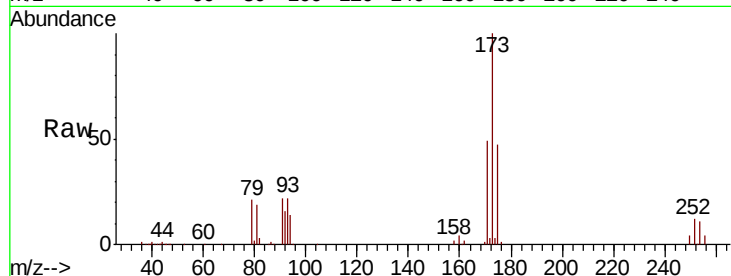
Tot Ion:173 Resp: 23494

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

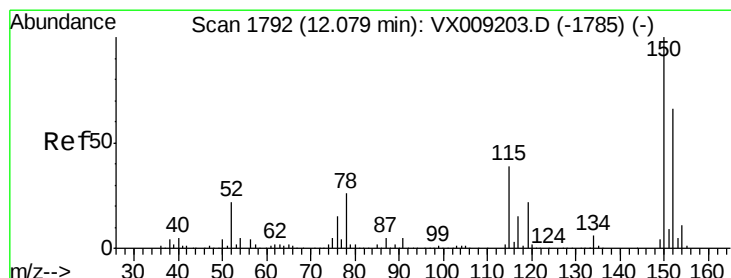
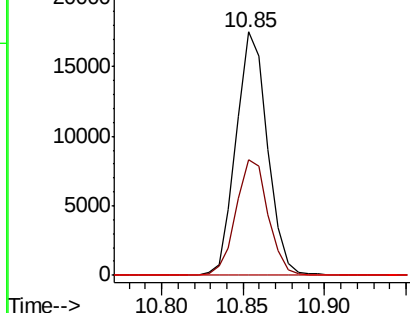
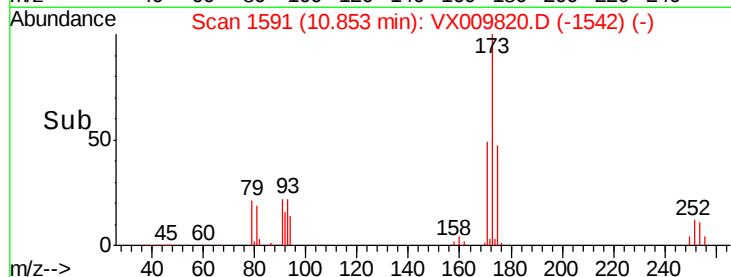
254 0.0 0.1 0.1#



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: VX009820.D

Acq: 22 May 2019 22:34

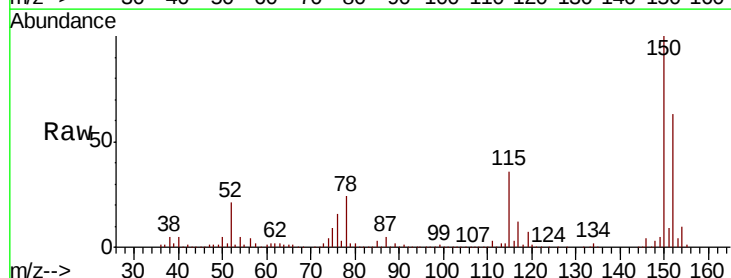
Tgt Ion:152 Resp: 123392

Ion Ratio Lower Upper

152 100

115 65.8 41.2 123.6

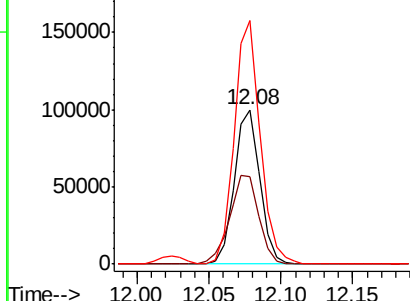
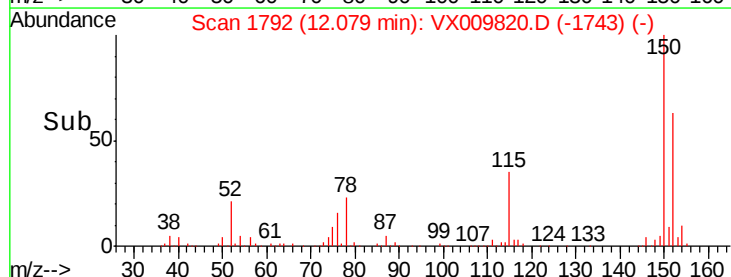
150 161.1 0.0 346.4



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: 16.856 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

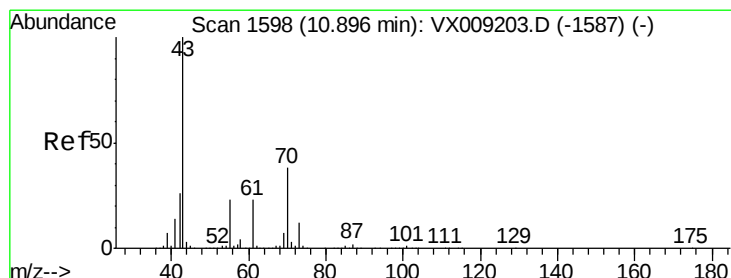
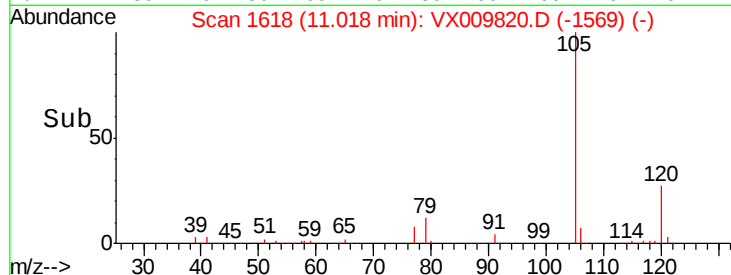
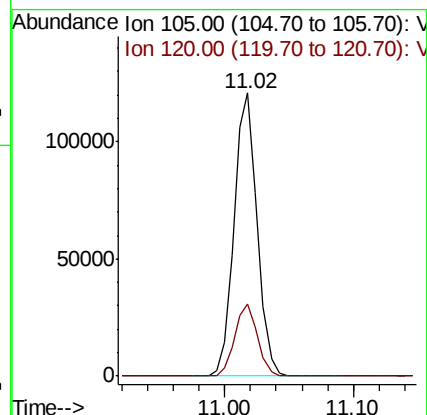
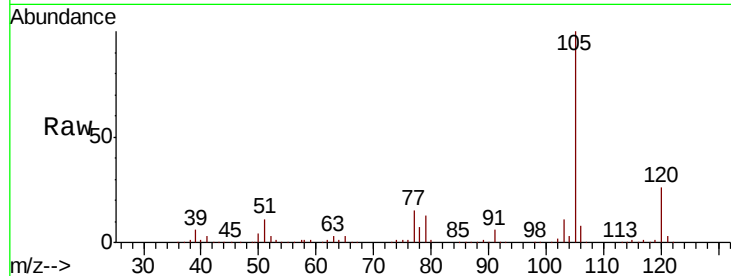
VX0522MBS02

Tot Ion:105 Resp: 151248

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



#74

N-ethyl acetate

Concen: 16.851 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Tgt Ion: 43 Resp: 88152

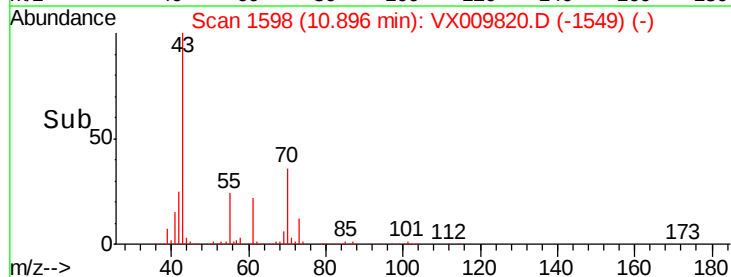
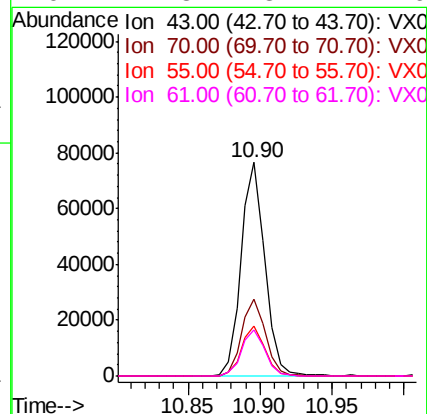
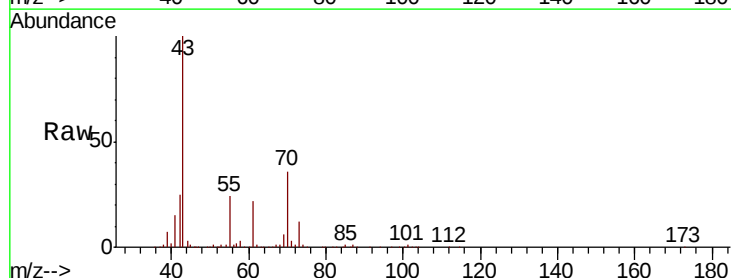
Ion Ratio Lower Upper

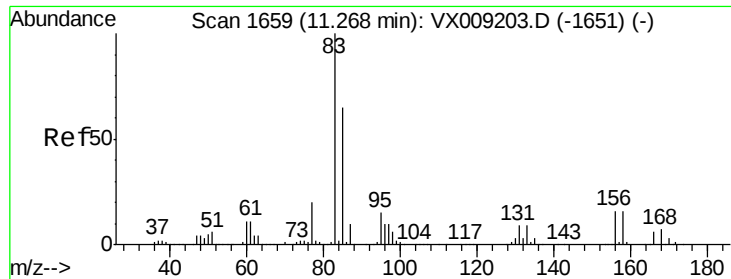
43 100

70 36.5 30.0 45.0

55 23.5 17.9 26.9

61 21.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.585 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

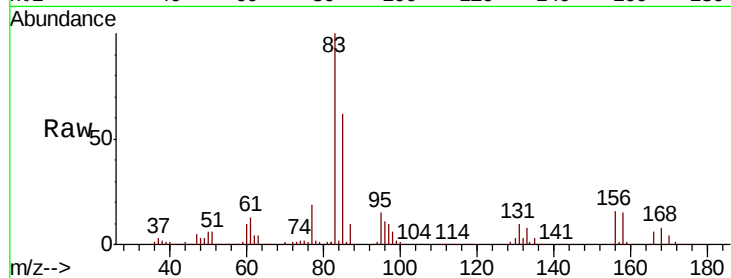
Tot Ion: 83 Resp: 55476

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

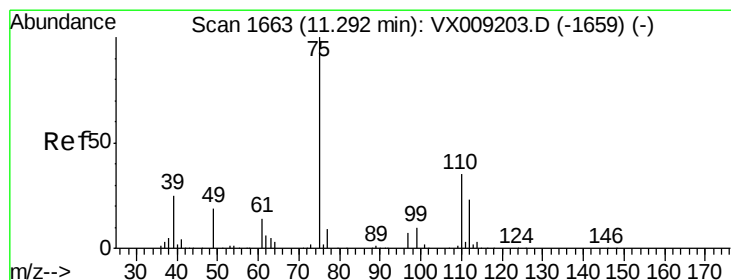
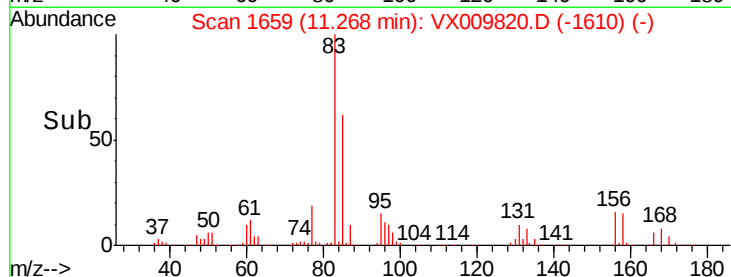
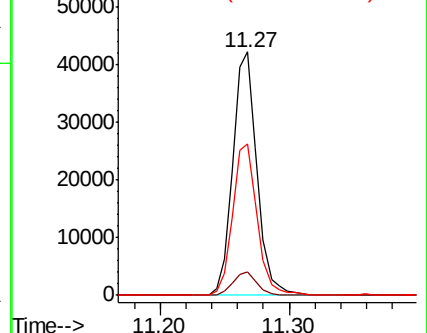
85 63.4 32.0 96.2



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: 21.582 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009820.D

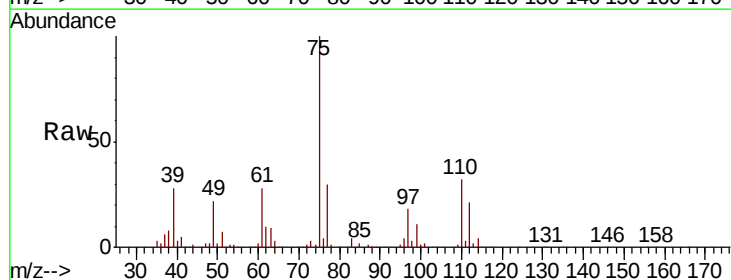
Acq: 22 May 2019 22:34

Tgt Ion: 75 Resp: 61774

Ion Ratio Lower Upper

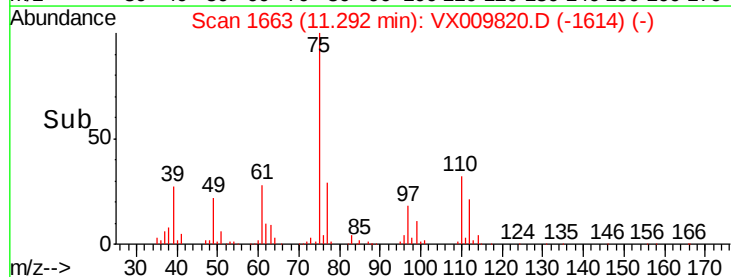
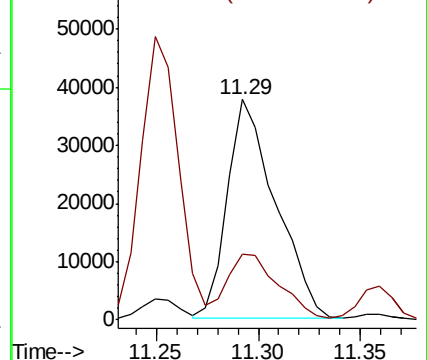
75 100

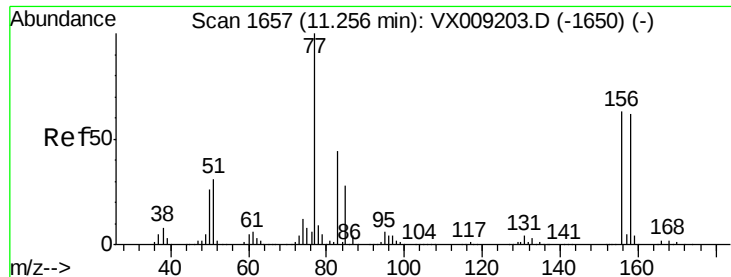
77 32.5 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.621 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

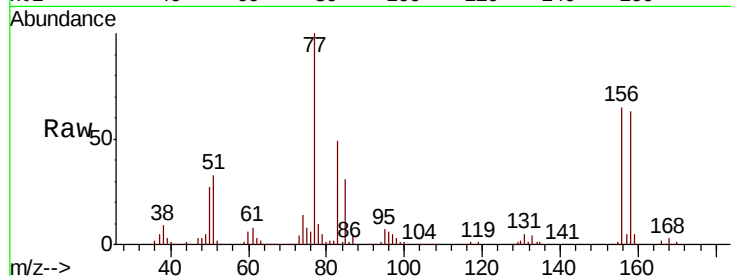
Tot Ion:156 Resp: 37017

Ion Ratio Lower Upper

156 100

77 169.5 84.8 254.3

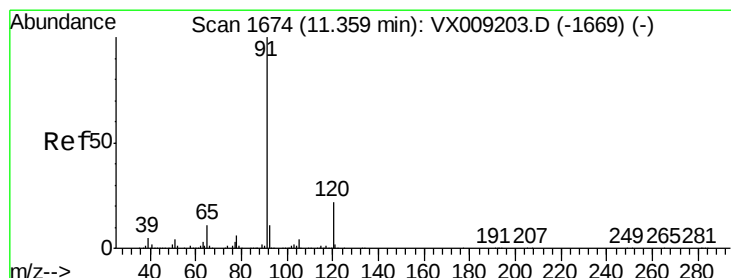
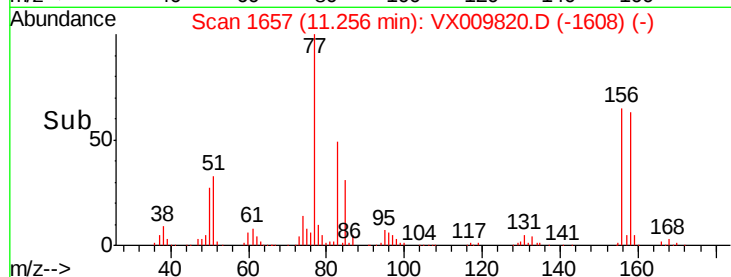
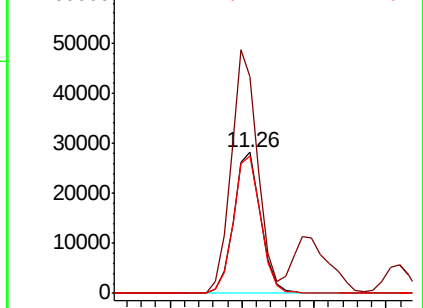
158 98.1 49.1 147.3



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: 16.714 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009820.D

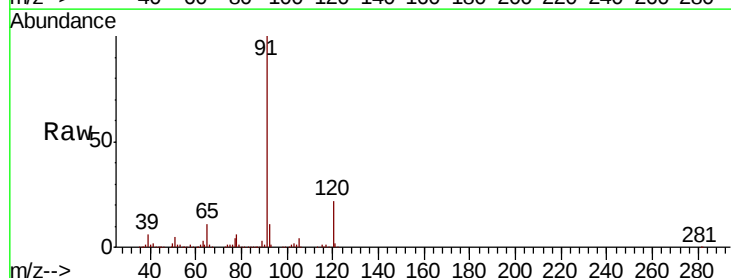
Acq: 22 May 2019 22:34

Tgt Ion: 91 Resp: 171276

Ion Ratio Lower Upper

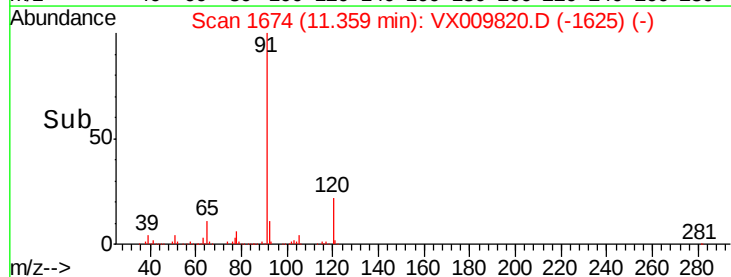
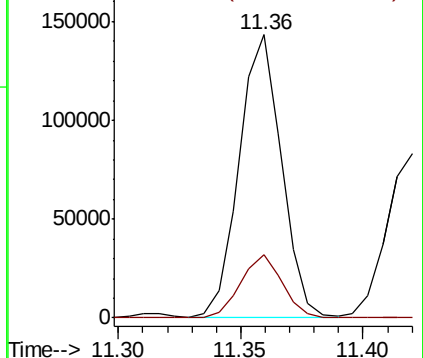
91 100

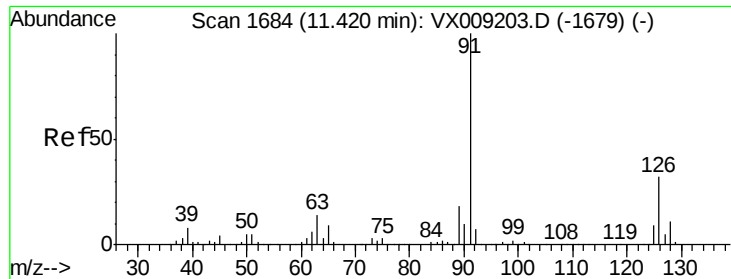
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.398 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

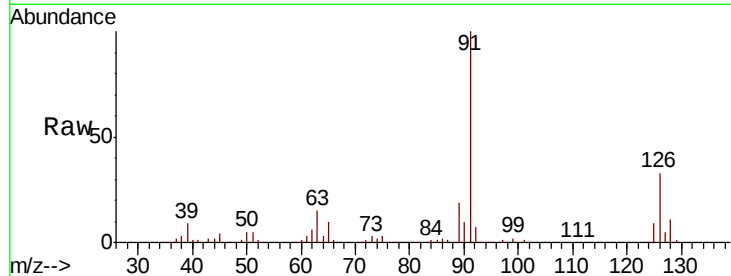
VX0522MBS02

Tot Ion: 91 Resp: 103670

Ion Ratio Lower Upper

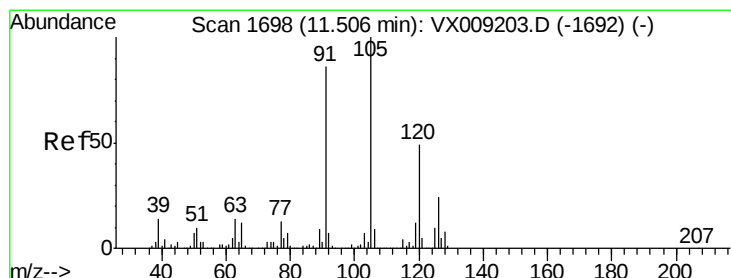
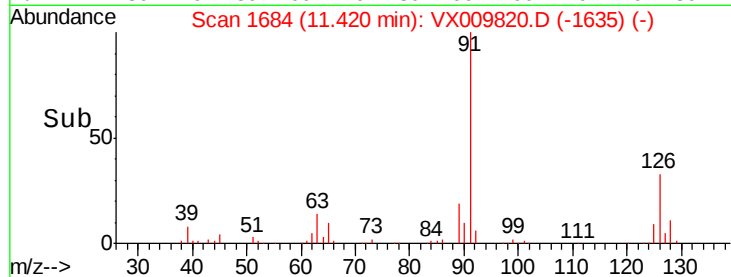
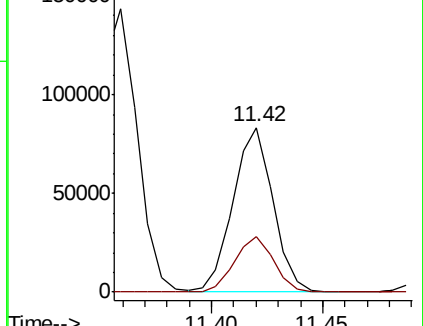
91 100

126 33.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.658 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009820.D

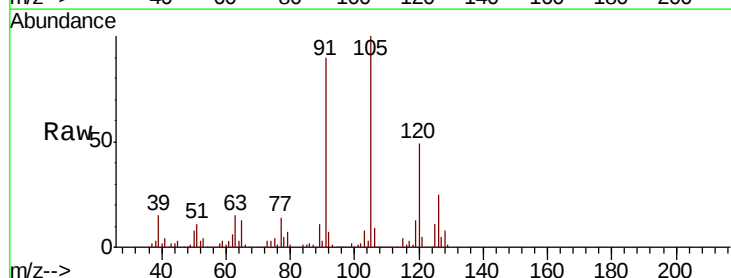
Acq: 22 May 2019 22:34

Tgt Ion:105 Resp: 125853

Ion Ratio Lower Upper

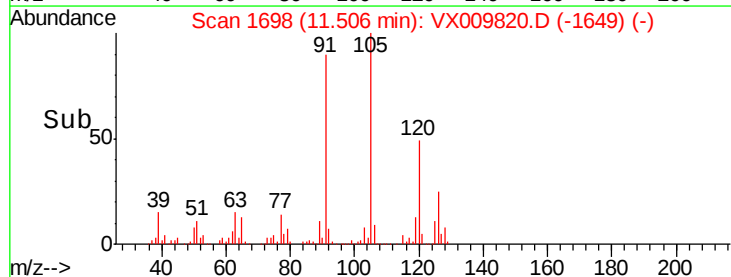
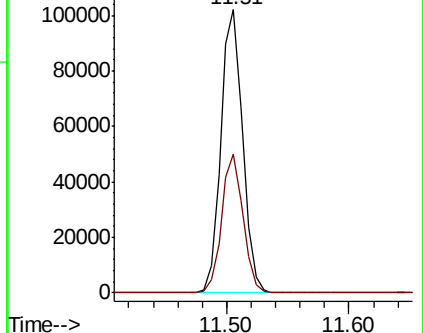
105 100

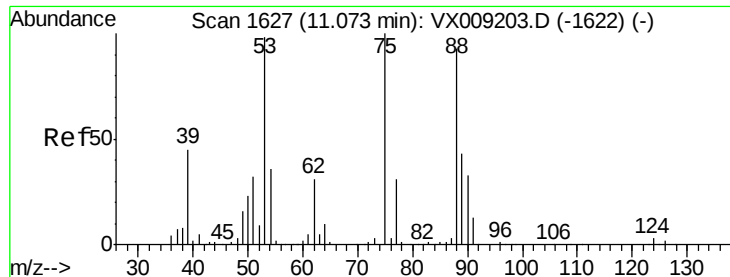
120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.191 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

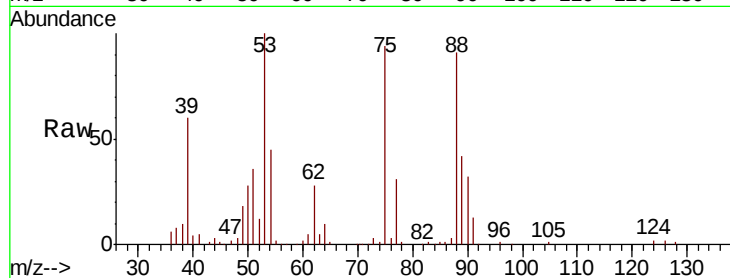
Tot Ion: 75 Resp: 15875

Ion Ratio Lower Upper

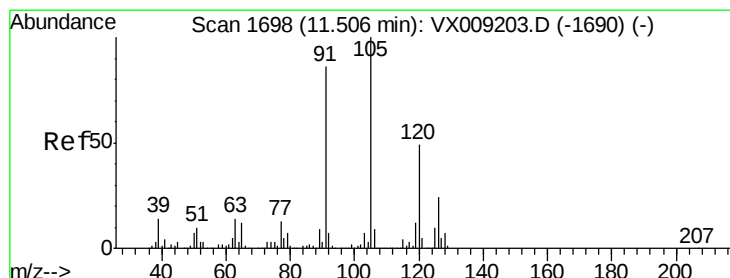
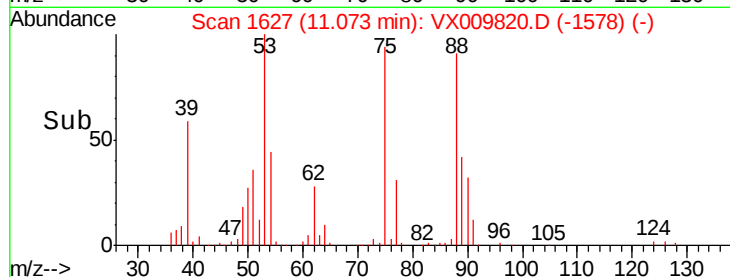
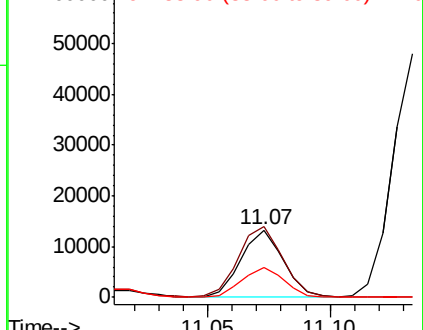
75 100

53 110.9 79.0 118.6

89 45.1 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: 16.863 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009820.D

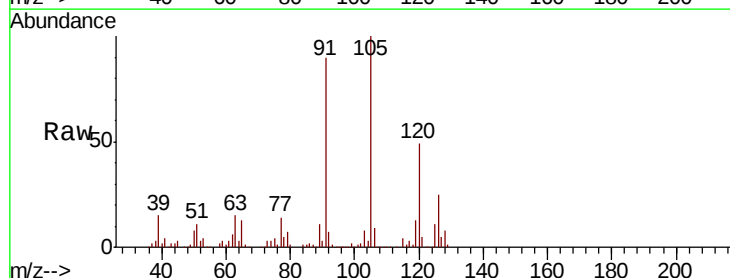
Acq: 22 May 2019 22:34

Tgt Ion: 91 Resp: 120440

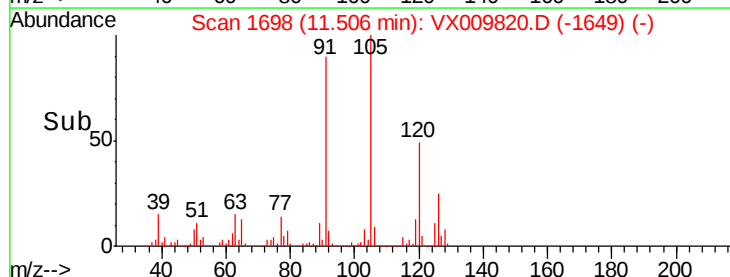
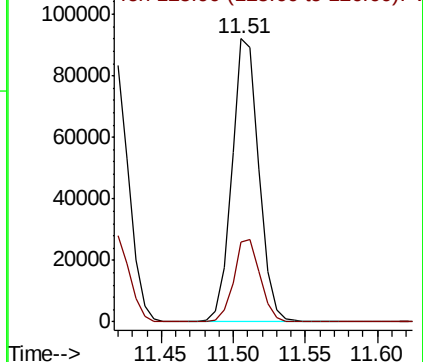
Ion Ratio Lower Upper

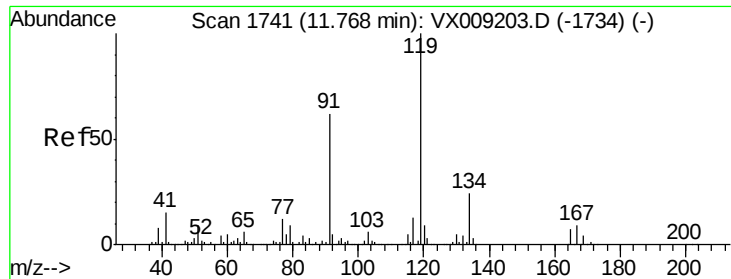
91 100

126 28.7 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: 16.219 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

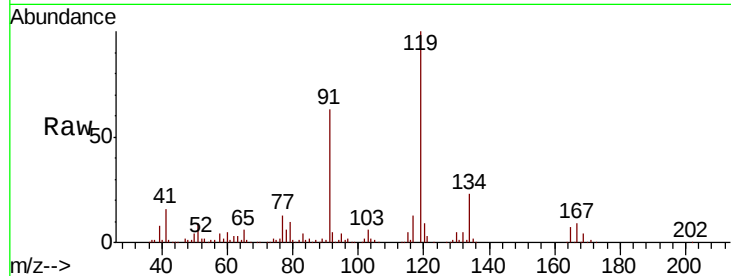
Tot Ion:119 Resp: 119205

Ion Ratio Lower Upper

119 100

91 60.5 29.5 88.5

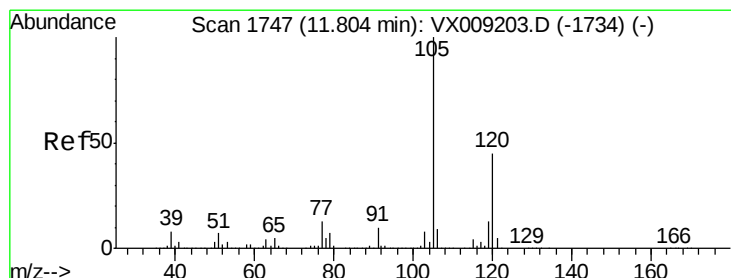
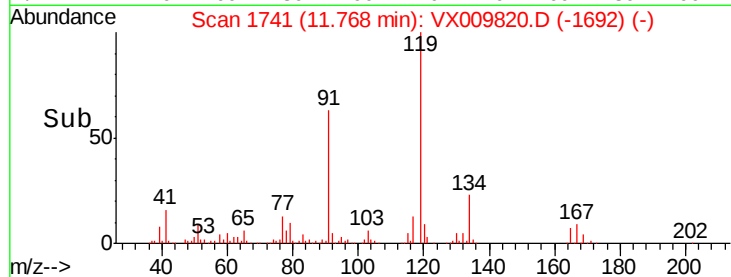
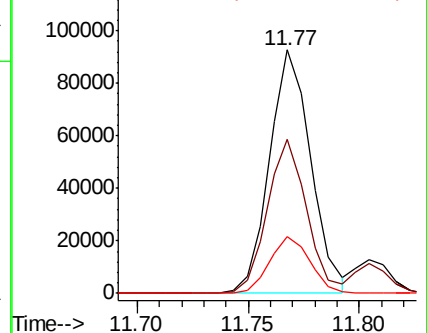
134 22.8 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 16.686 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009820.D

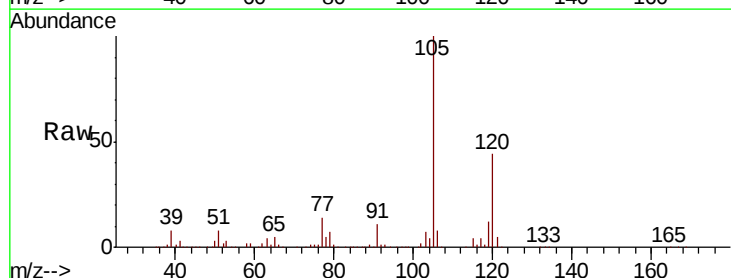
Acq: 22 May 2019 22:34

Tgt Ion:105 Resp: 126542

Ion Ratio Lower Upper

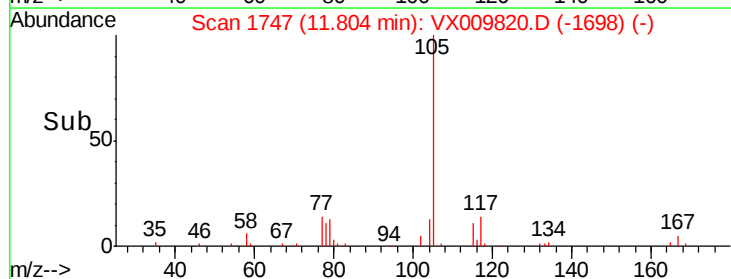
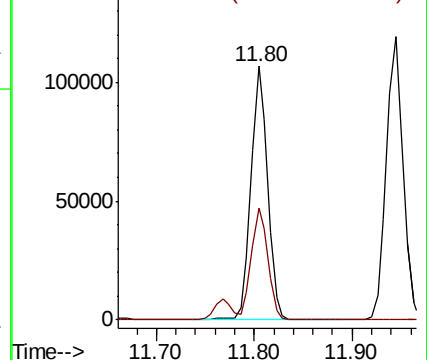
105 100

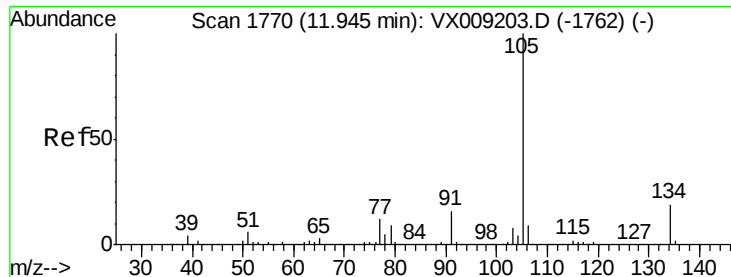
120 43.8 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.389 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampled :

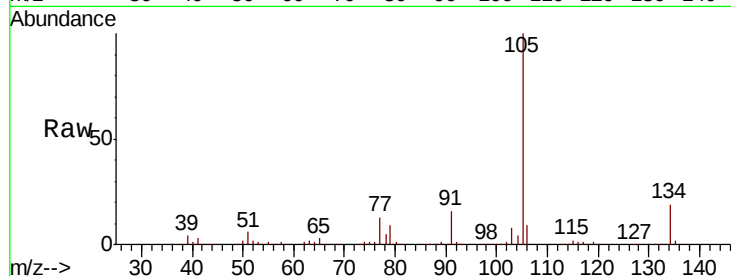
VX0522MBS02

Tot Ion:105 Resp: 142807

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

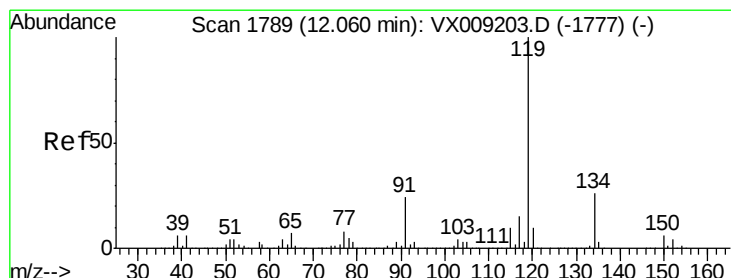
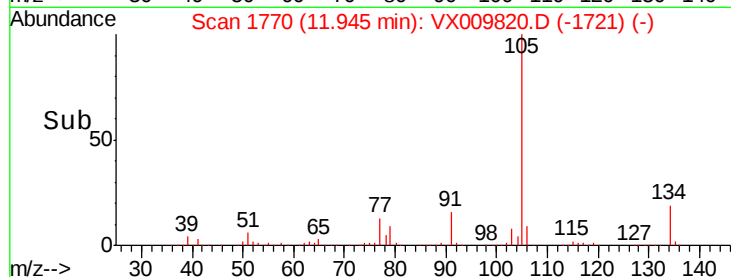
11.94

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 16.646 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

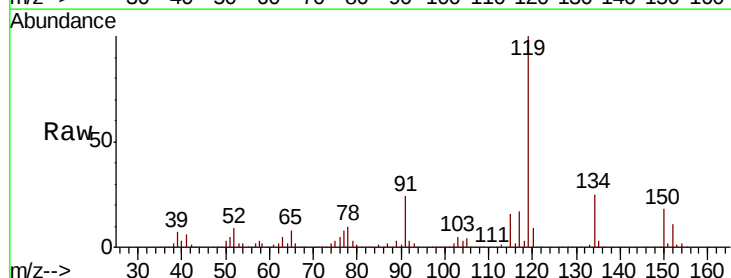
Tgt Ion:119 Resp: 130396

Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 24.2 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

12.06

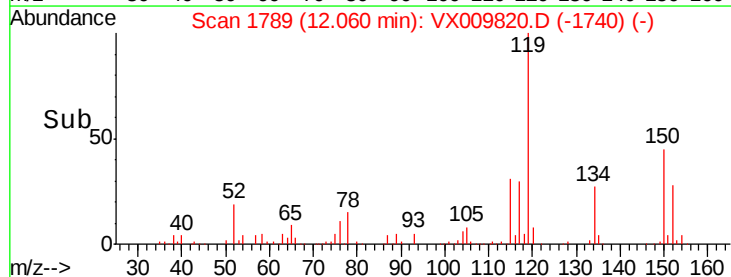
150000

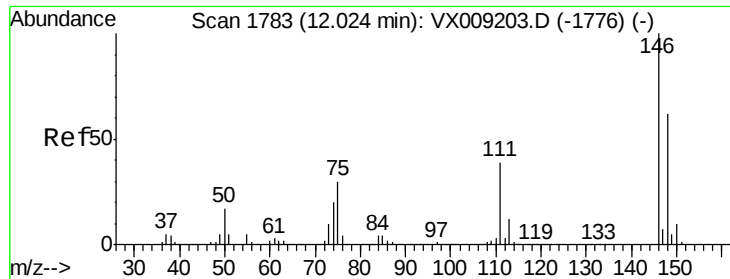
100000

50000

0

Time--> 12.00 12.10

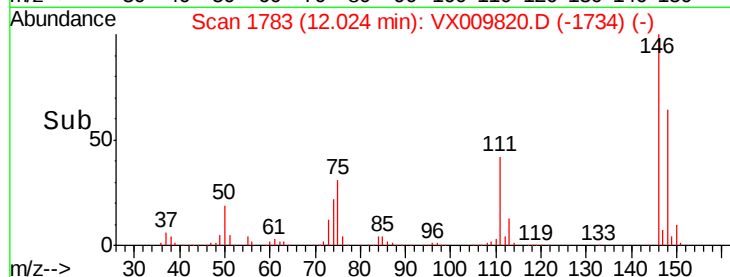
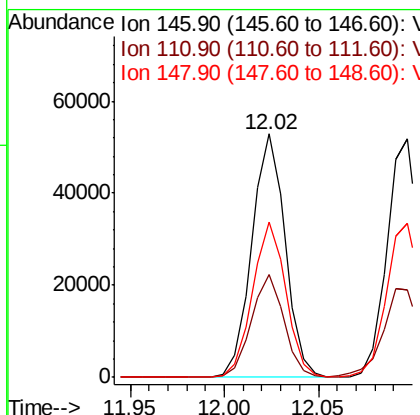
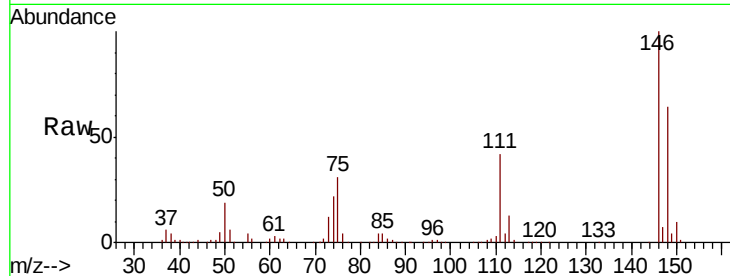




#87
 1,3-Dichlorobenzene
 Concen: 16.334 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

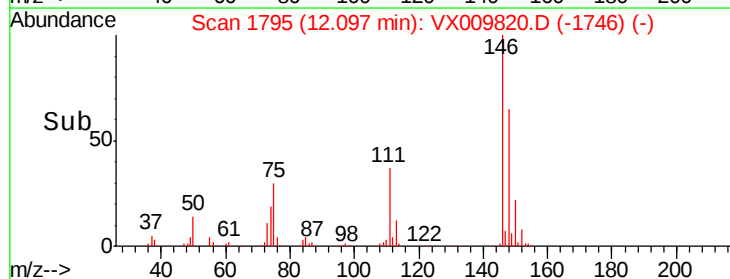
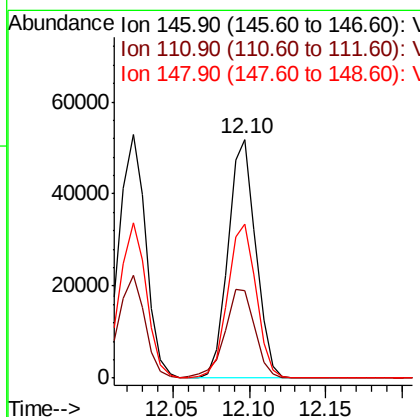
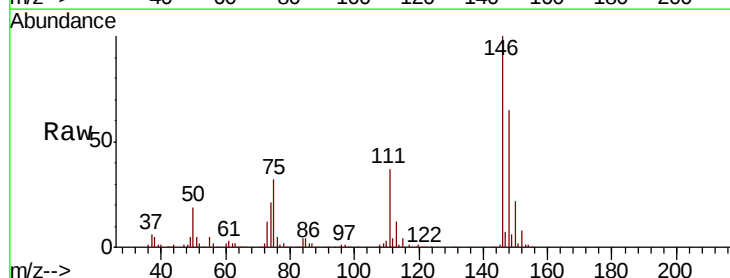
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

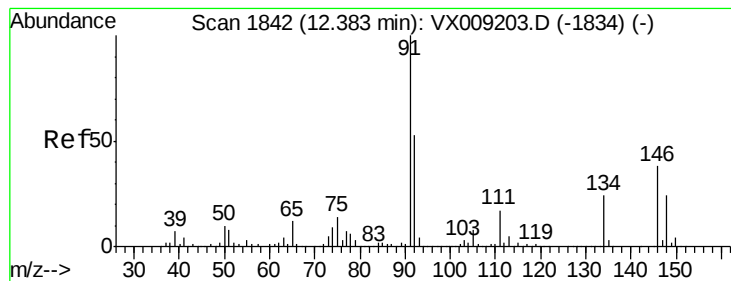
Tot Ion:146 Resp: 64850
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 59.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 16.200 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion:146 Resp: 64846
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.6 58.8
 148 66.3 31.8 95.3





#89

n-Butylbenzene

Concen: 16.151 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009820.D

Acq: 22 May 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS02

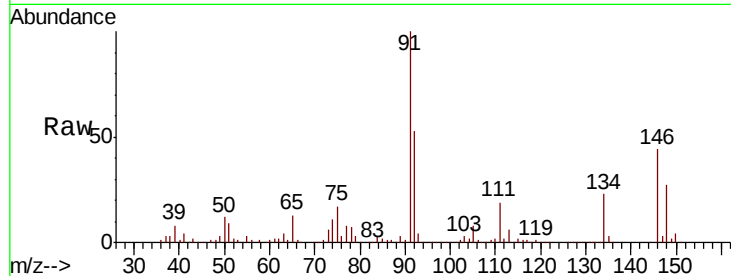
Tot Ion: 91 Resp: 114351

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

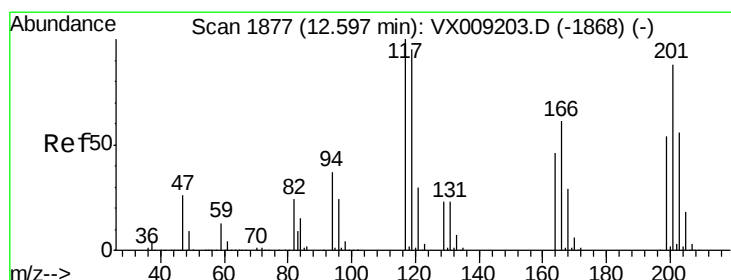
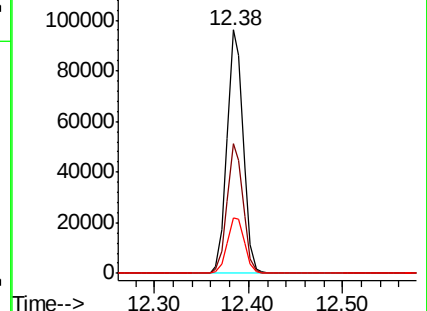
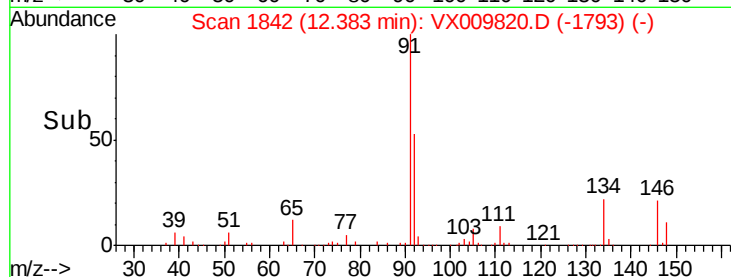
134 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX009820.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009820.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009820.D (-1793) (-)



#90

Hexachloroethane

Concen: 15.363 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009820.D

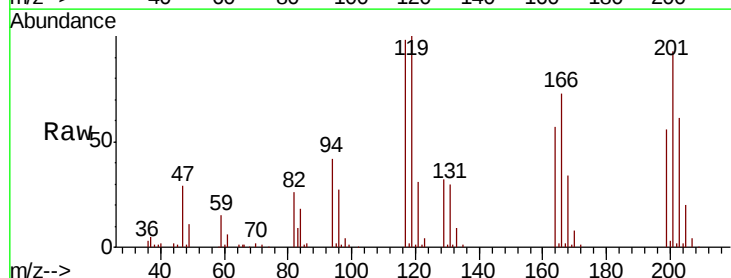
Acq: 22 May 2019 22:34

Tgt Ion: 117 Resp: 20503

Ion Ratio Lower Upper

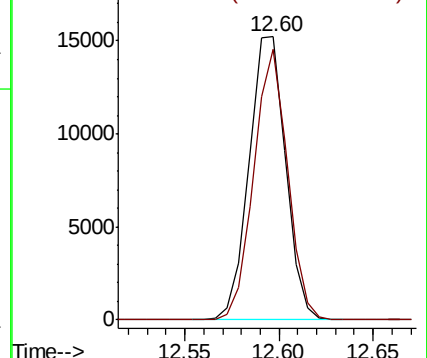
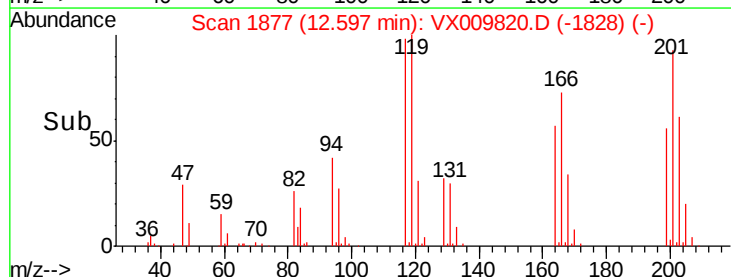
117 100

201 88.0 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): VX009820.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009820.D (-1828) (-)

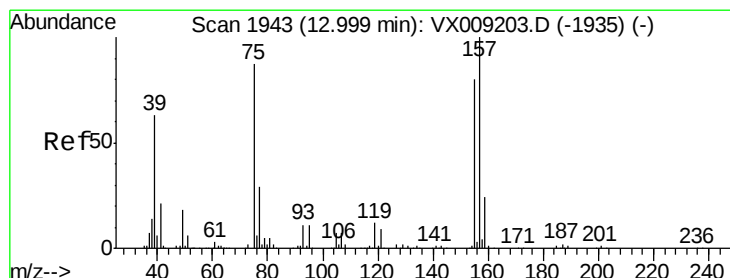
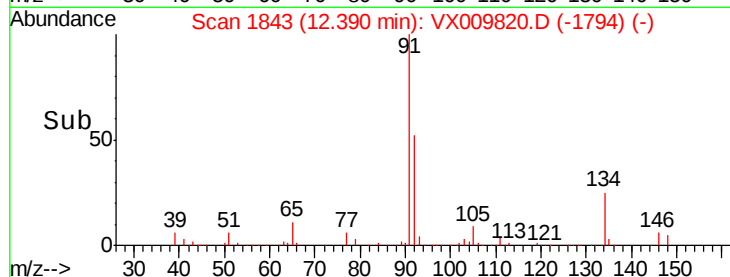
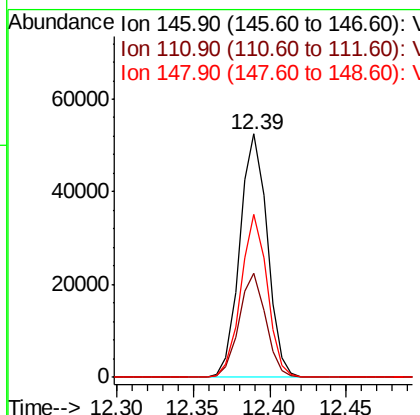
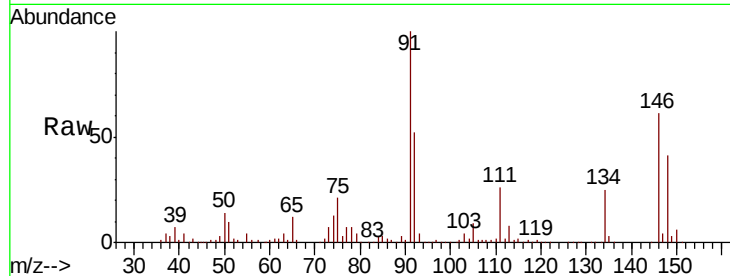




#91
1,2-Dichlorobenzene
Concen: 16.180 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

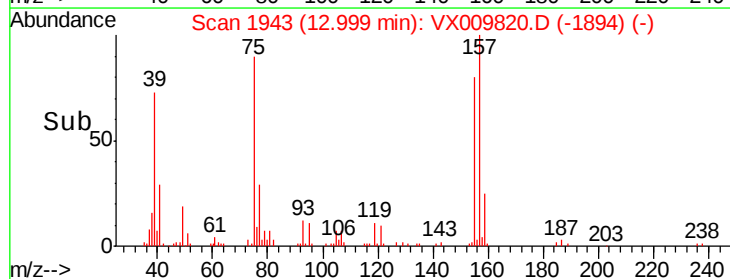
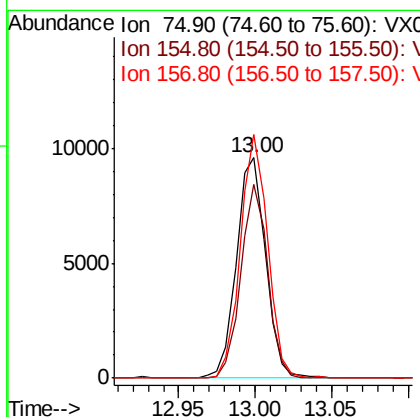
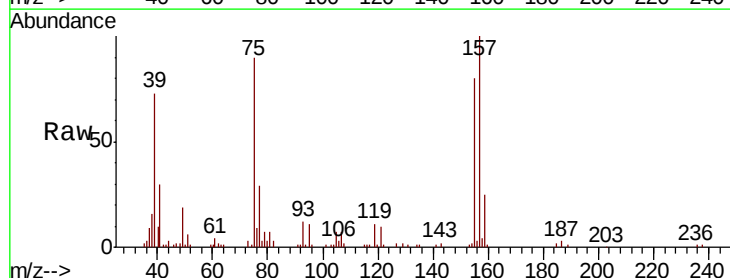
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

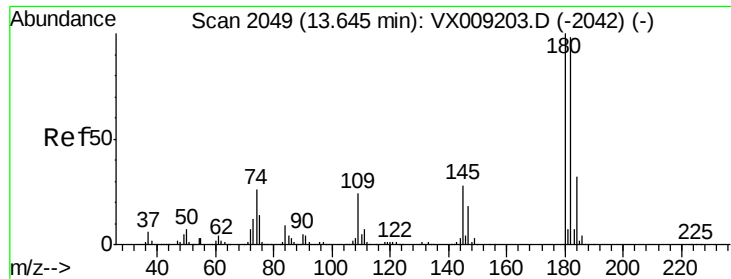
Tot Ion:146 Resp: 65430
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 64.4 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.864 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion: 75 Resp: 12654
Ion Ratio Lower Upper
75 100
155 80.4 42.0 126.0
157 103.2 53.2 159.6

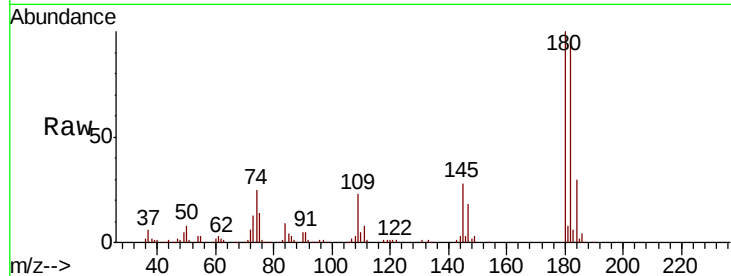




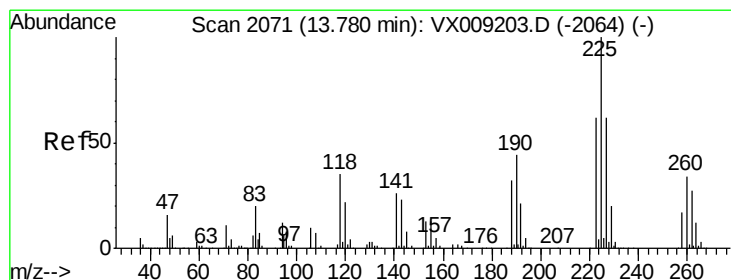
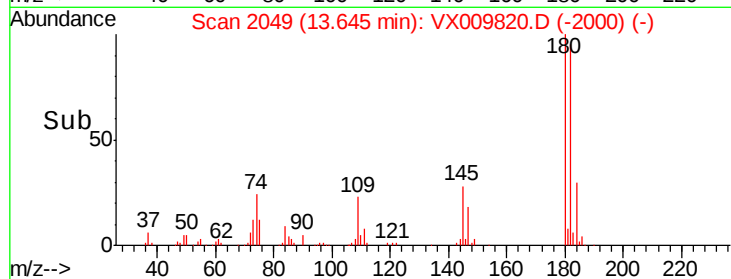
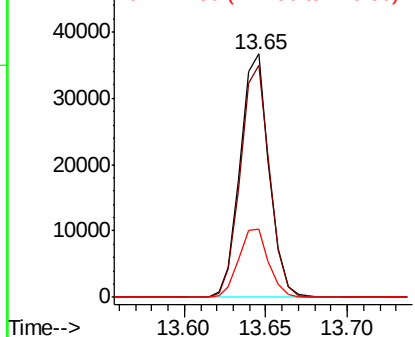
#93
 1,2,4-Trichlorobenzene
 Concen: 16.397 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

Tot Ion:180 Resp: 45343
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.4 145.2
 145 29.0 14.6 43.8

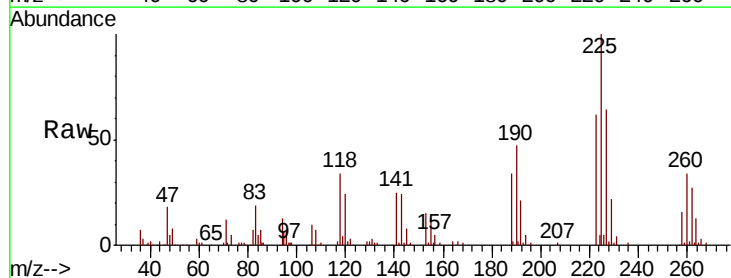


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

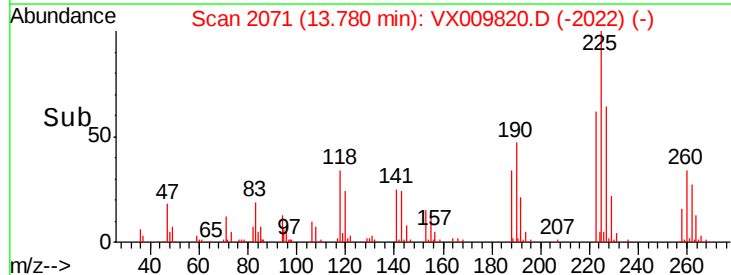
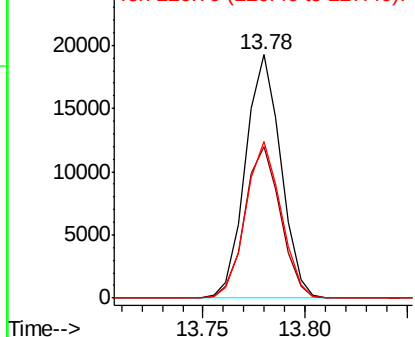


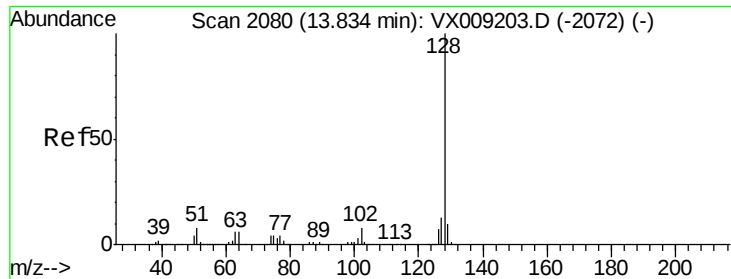
#94
 Hexachlorobutadiene
 Concen: 16.460 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009820.D
 Acq: 22 May 2019 22:34

Tgt Ion:225 Resp: 23244
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 64.1 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

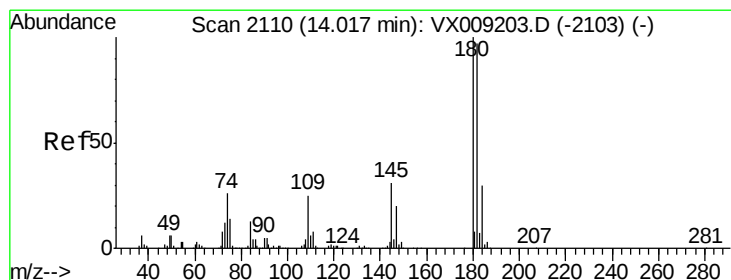
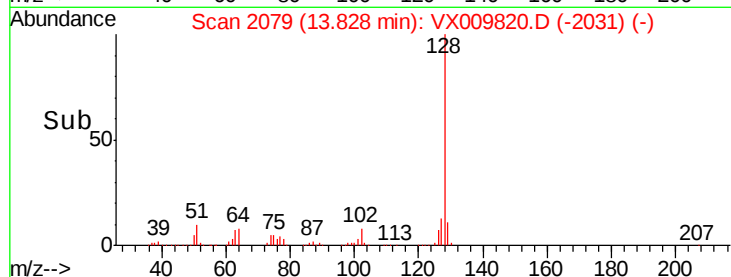
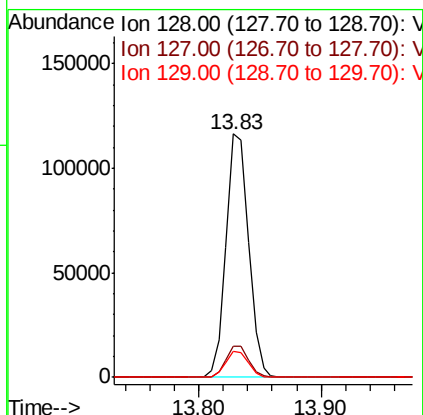
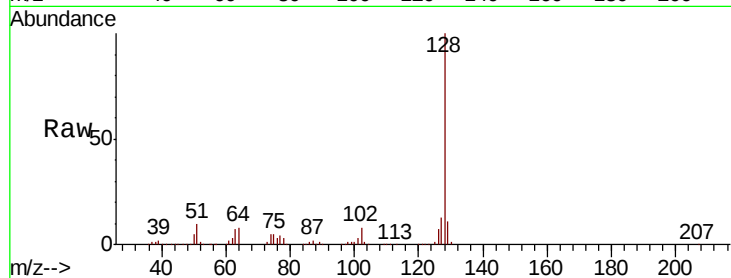




#95
Naphthalene
Concen: 16.532 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS02

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



#96
1,2,3-Trichlorobenzene
Concen: 16.787 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009820.D
Acq: 22 May 2019 22:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.4
145	30.4	15.4	46.4

