

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009795.D
 Acq On : 22 May 2019 11:40
 Operator : JC/SP
 Sample : VX0522WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Quant Time: May 23 07:13:22 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	184230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109751	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
35) Dibromofluoromethane	5.49	113	78963	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
50) Toluene-d8	8.71	98	327602	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
62) 4-Bromofluorobenzene	11.13	95	119744	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28248	16.639	ug/l	98
3) Chloromethane	1.32	50	43181	18.630	ug/l	100
4) Vinyl Chloride	1.41	62	40589	17.958	ug/l	98
5) Bromomethane	1.64	94	25141	18.533	ug/l	99
6) Chloroethane	1.72	64	25668	17.689	ug/l	100
7) Trichlorofluoromethane	1.93	101	49454	18.001	ug/l	98
8) Diethyl Ether	2.18	74	22228	17.081	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29569	17.139	ug/l	96
10) Methyl Iodide	2.51	142	31051	18.661	ug/l	99
11) Tert butyl alcohol	3.04	59	48443	83.214	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29742	17.206	ug/l	99
13) Acrolein	2.29	56	41678	79.053	ug/l	99
14) Allyl chloride	2.73	41	73728	17.502	ug/l	98
15) Acrylonitrile	3.14	53	120581	84.713	ug/l	99
16) Acetone	2.44	43	126140	93.407	ug/l	98
17) Carbon Disulfide	2.57	76	88235	18.181	ug/l	99
18) Methyl Acetate	2.77	43	51667	16.088	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	114487	17.055	ug/l	98
20) Methylene Chloride	2.85	84	36548	16.715	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32540	17.358	ug/l	99
22) Diisopropyl ether	3.85	45	143718	17.740	ug/l	100
23) Vinyl Acetate	3.81	43	632688	91.201	ug/l	98
24) 1,1-Dichloroethane	3.70	63	68727	17.197	ug/l	100
25) 2-Butanone	4.67	43	185289	88.295	ug/l	97
26) 2,2-Dichloropropane	4.58	77	50723	17.051	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	38570	17.237	ug/l	99
28) Bromochloromethane	5.01	49	36722	21.250	ug/l	97
29) Tetrahydrofuran	5.12	42	117343	86.895	ug/l	98
30) Chloroform	5.21	83	62694	17.345	ug/l	99
31) Cyclohexane	5.58	56	68440	18.407	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	51604	17.150	ug/l	99
36) 1,1-Dichloropropene	5.79	75	48515	18.122	ug/l	99
37) Ethyl Acetate	4.82	43	67154	18.003	ug/l	99
38) Carbon Tetrachloride	5.78	117	43962	18.074	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009795.D
 Acq On : 22 May 2019 11:40
 Operator : JC/SP
 Sample : VX0522WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Quant Time: May 23 07:13:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61246	18.628	ug/l	98
40) Benzene	6.14	78	148550	17.929	ug/l	98
41) Methacrylonitrile	5.04	41	37750	17.001	ug/l	97
42) 1,2-Dichloroethane	6.19	62	55535	18.686	ug/l	98
43) Isopropyl Acetate	6.44	43	106757	17.893	ug/l	99
44) Trichloroethene	7.21	130	35189	17.568	ug/l	95
45) 1,2-Dichloropropane	7.51	63	42923	18.296	ug/l	96
46) Dibromomethane	7.66	93	24004	17.619	ug/l	99
47) Bromodichloromethane	7.89	83	47491	17.475	ug/l	95
48) Methyl methacrylate	7.77	41	54184	18.305	ug/l	98
49) 1,4-Dioxane	7.74	88	20541	342.176	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	350379	89.845	ug/l	98
52) Toluene	8.78	92	91442	18.156	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54554	17.780	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	60562	17.833	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35828	17.437	ug/l	97
56) Ethyl methacrylate	9.18	69	64207	17.506	ug/l	97
57) 1,3-Dichloropropane	9.37	76	64963	17.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	168741	86.723	ug/l	99
59) 2-Hexanone	9.49	43	279118	91.130	ug/l	97
60) Dibromochloromethane	9.58	129	35343	17.611	ug/l	100
61) 1,2-Dibromoethane	9.67	107	36756	17.721	ug/l	100
64) Tetrachloroethene	9.34	164	31938	17.999	ug/l	98
65) Chlorobenzene	10.13	112	93408	18.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33148	17.669	ug/l	99
67) Ethyl Benzene	10.25	91	174217	18.294	ug/l	99
68) m/p-Xylenes	10.35	106	127474	36.629	ug/l	97
69) o-Xylene	10.69	106	62208	18.117	ug/l	99
70) Styrene	10.71	104	106879	17.909	ug/l	97
71) Bromoform	10.85	173	25667	16.836	ug/l #	99
73) Isopropylbenzene	11.02	105	169210	17.973	ug/l	100
74) N-amyl acetate	10.90	43	95228	17.349	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60327	17.188	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68988	22.971	ug/l	82
77) Bromobenzene	11.25	156	41512	17.764	ug/l	99
78) n-propylbenzene	11.36	91	194786	18.116	ug/l	100
79) 2-Chlorotoluene	11.42	91	114978	17.333	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	142605	17.989	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19276	16.422	ug/l	94
82) 4-Chlorotoluene	11.51	91	134459	17.942	ug/l	98
83) tert-Butylbenzene	11.77	119	134673	17.463	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	142543	17.914	ug/l	100
85) sec-Butylbenzene	11.94	105	164428	17.984	ug/l	100
86) p-Isopropyltoluene	12.06	119	147830	17.986	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	72415	17.383	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	73832	17.580	ug/l	98
89) n-Butylbenzene	12.38	91	134583	18.116	ug/l	100
90) Hexachloroethane	12.59	117	24242	17.312	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	73448	17.310	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12968	16.471	ug/l	98

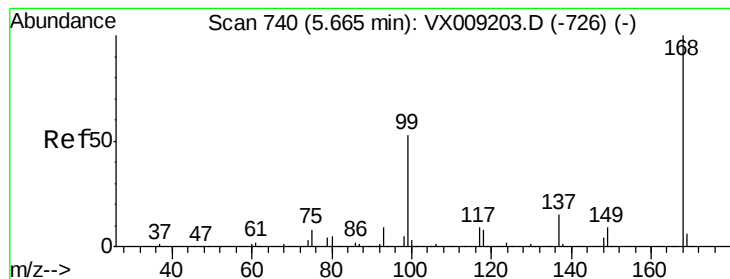
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009795.D
Acq On : 22 May 2019 11:40
Operator : JC/SP
Sample : VX0522WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Quant Time: May 23 07:13:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51594	17.782	ug/l	100
94) Hexachlorobutadiene	13.78	225	27143	18.319	ug/l	99
95) Naphthalene	13.83	128	157791	16.715	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	52276	17.774	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

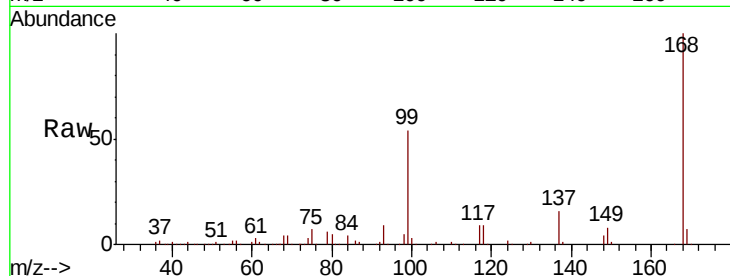
VX0522WBS01

Tot Ion:168 Resp: 184230

Ion Ratio Lower Upper

168 100

99 54.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

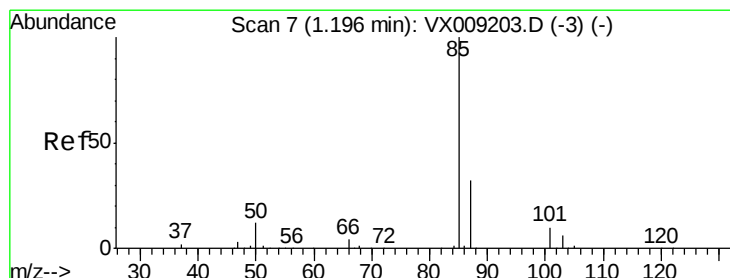
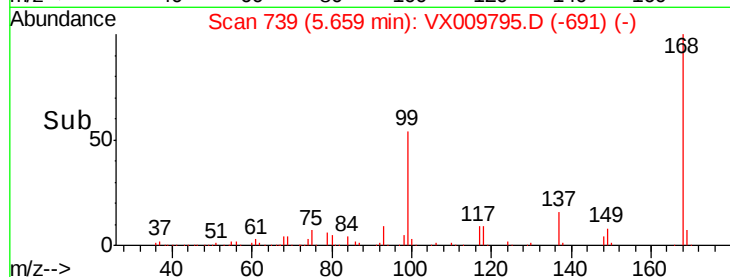
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.639 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009795.D

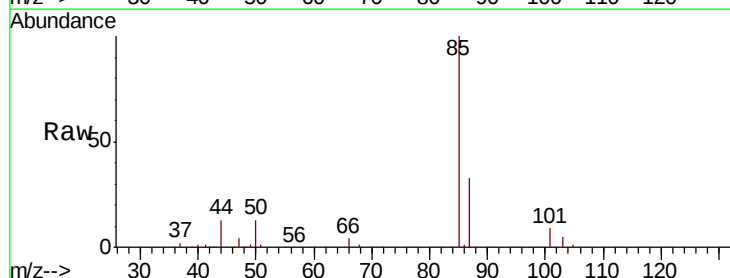
Acq: 22 May 2019 11:40

Tgt Ion: 85 Resp: 28248

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

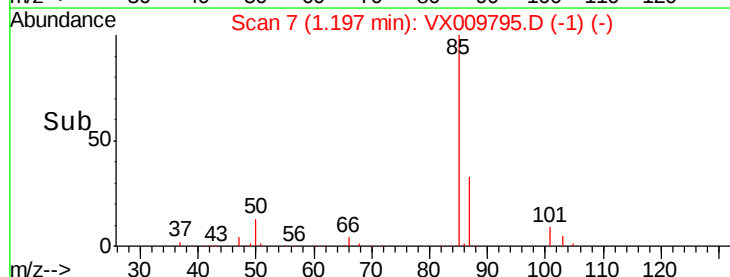
15000

10000

5000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.630 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

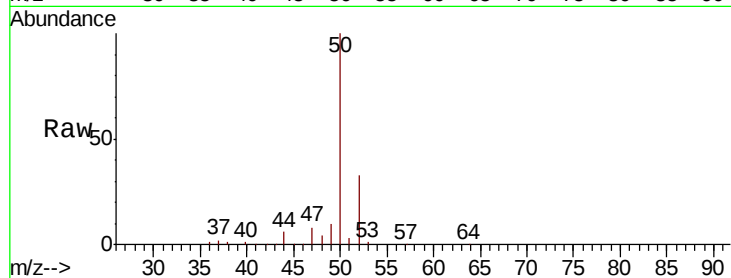
VX0522WBS01

Tot Ion: 50 Resp: 43181

Ion Ratio Lower Upper

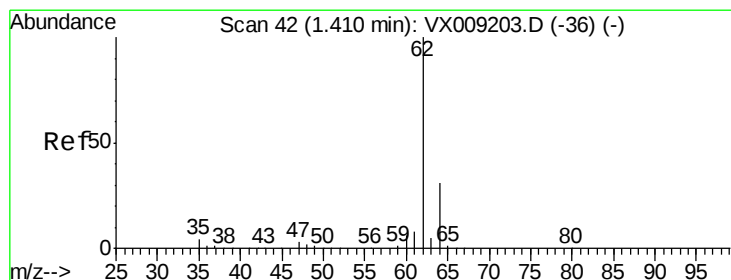
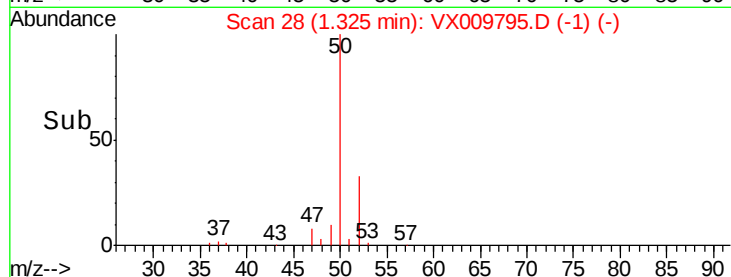
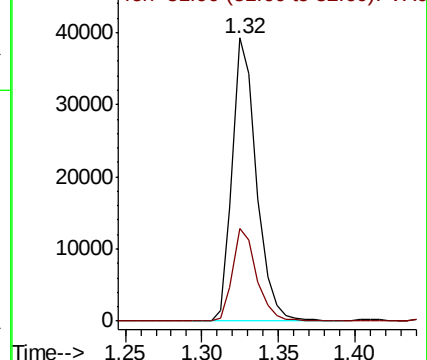
50 100

52 32.6 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: 17.958 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009795.D

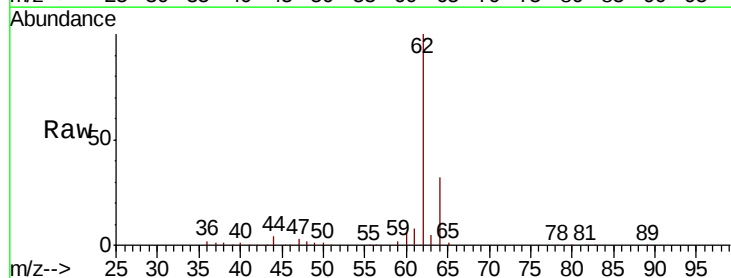
Acq: 22 May 2019 11:40

Tgt Ion: 62 Resp: 40589

Ion Ratio Lower Upper

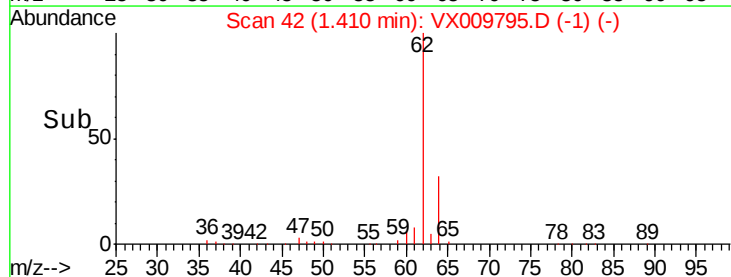
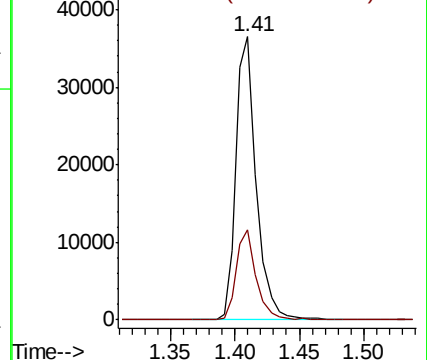
62 100

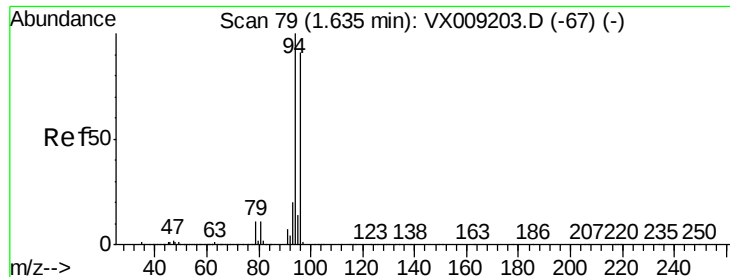
64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.533 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

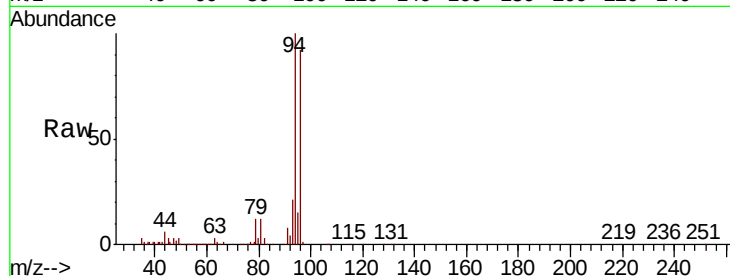
VX0522WBS01

Tot Ion: 94 Resp: 25141

Ion Ratio Lower Upper

94 100

96 91.8 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

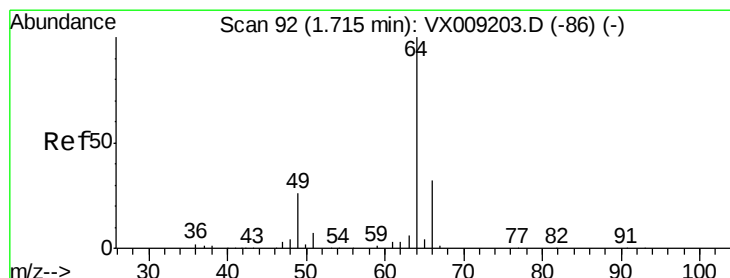
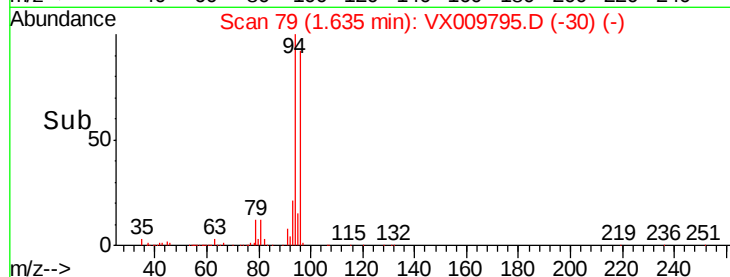
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 17.689 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009795.D

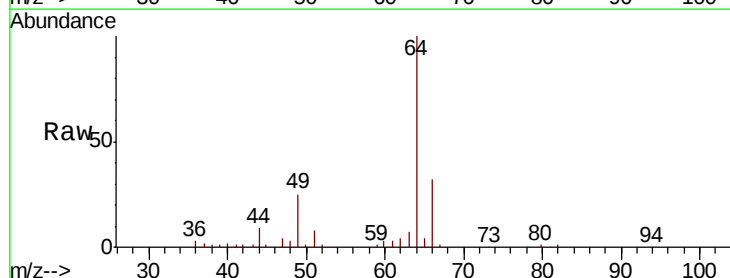
Acq: 22 May 2019 11:40

Tgt Ion: 64 Resp: 25668

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

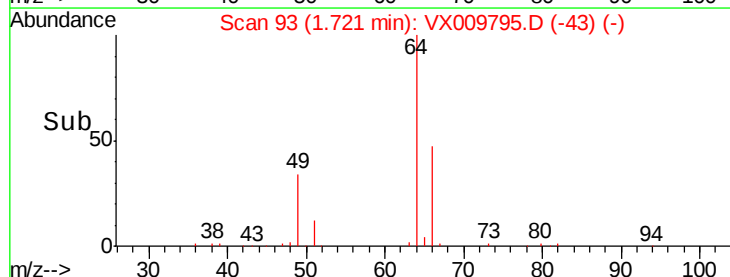
10000

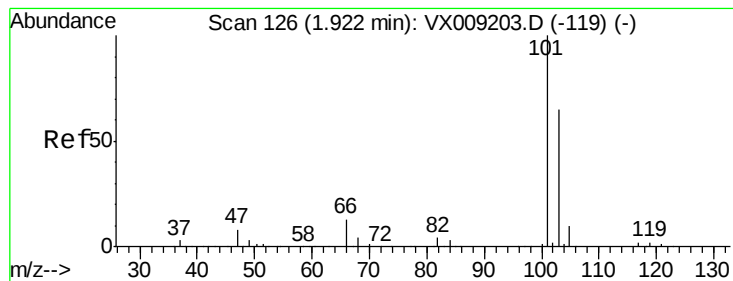
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



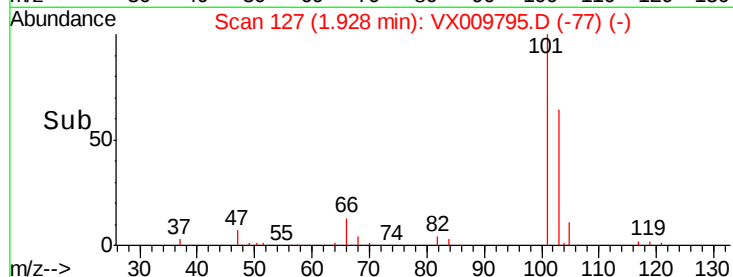
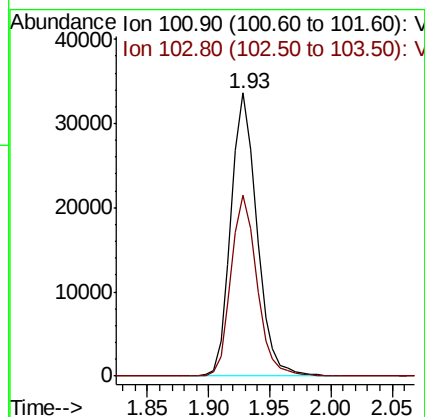
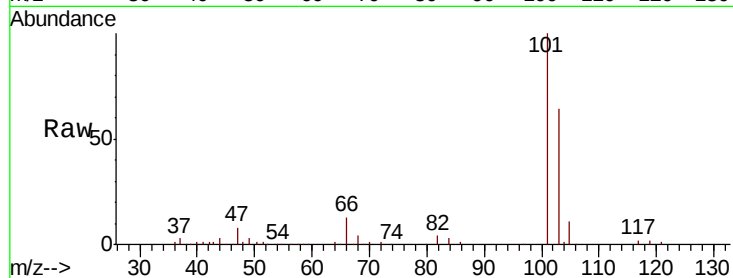


#7

Trichlorofluoromethane
 Concen: 18.001 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

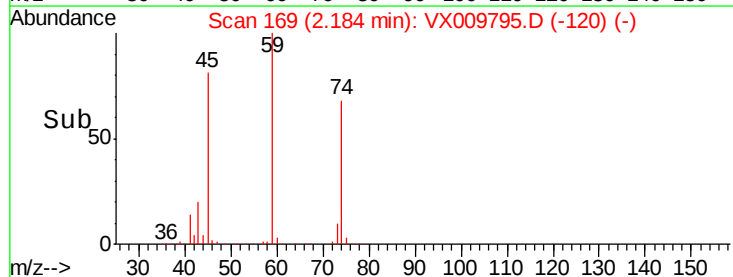
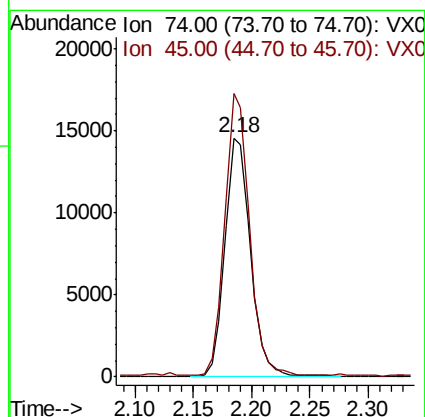
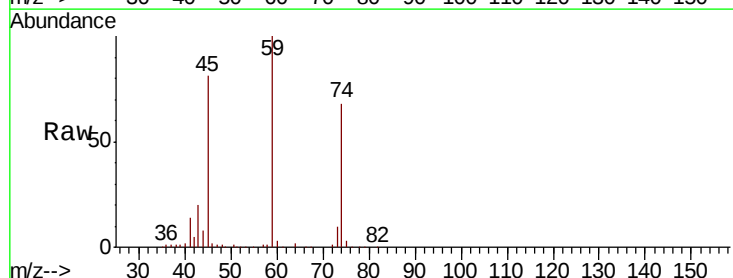
Tot Ion:101 Resp: 49454
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.4 78.6



#8

Diethyl Ether
 Concen: 17.081 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 74 Resp: 22228
 Ion Ratio Lower Upper
 74 100
 45 113.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.139 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

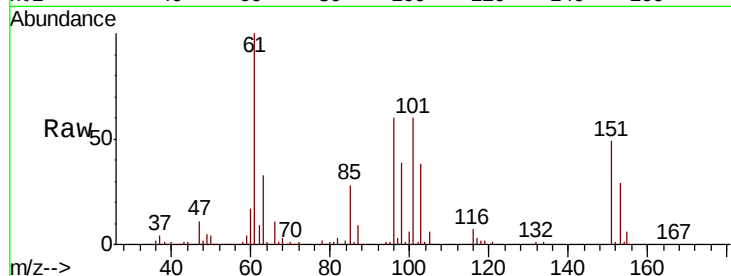
Tot Ion:101 Resp: 29569

Ion Ratio Lower Upper

101 100

85 45.8 35.7 53.5

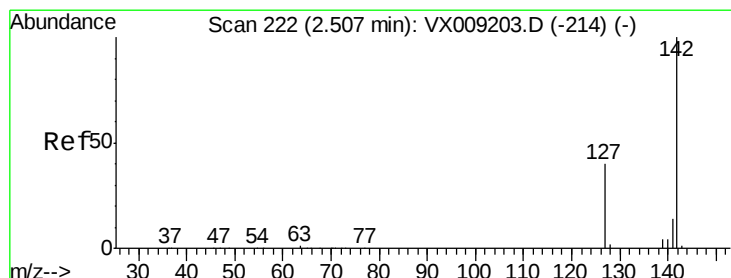
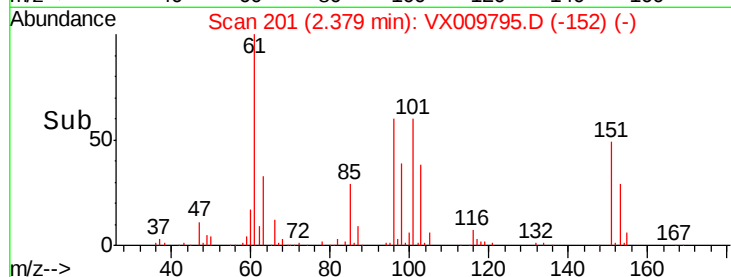
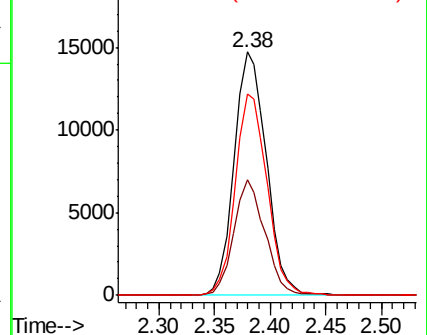
151 81.6 62.2 93.2



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: 18.661 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

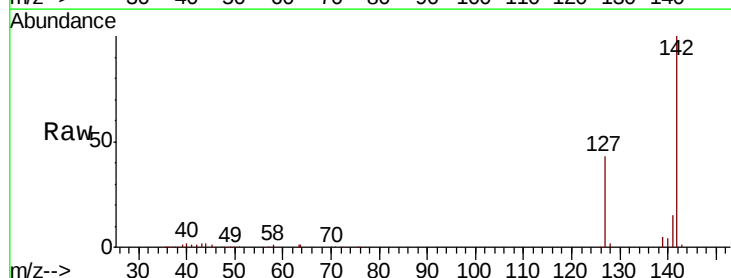
Tgt Ion:142 Resp: 31051

Ion Ratio Lower Upper

142 100

127 41.4 32.7 49.1

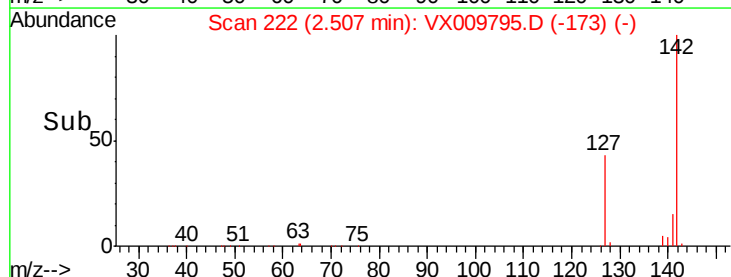
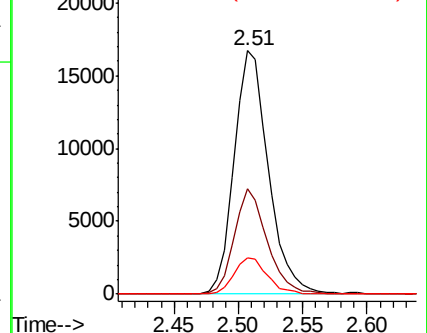
141 14.4 11.5 17.3

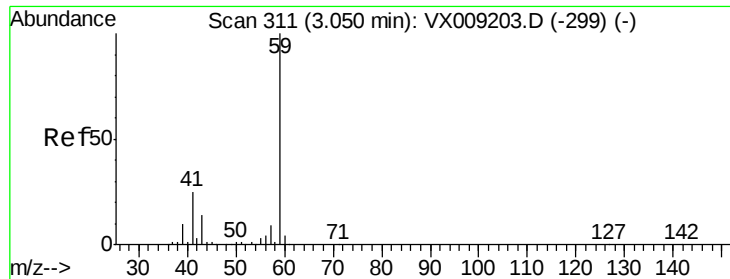


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



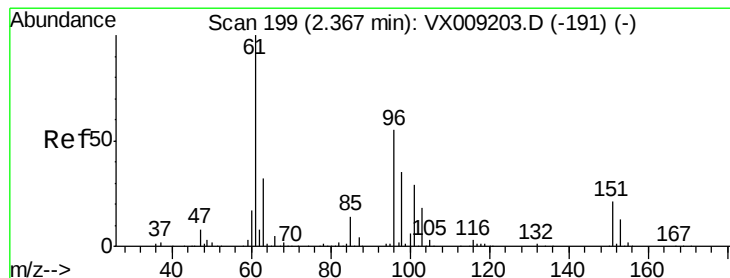
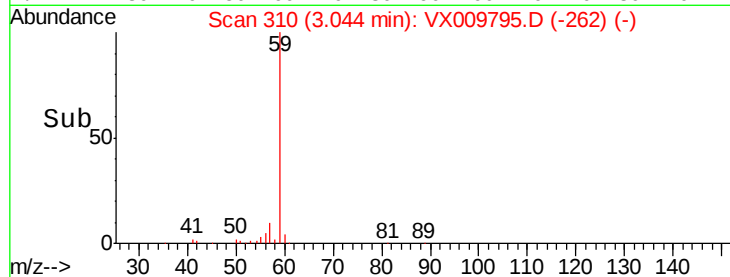
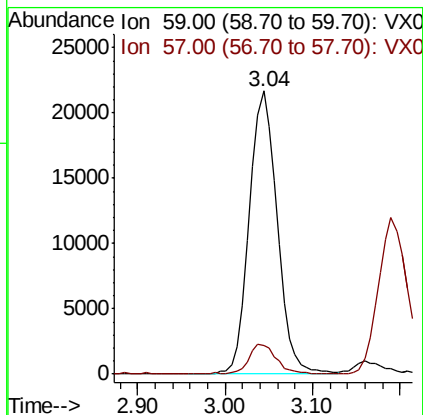
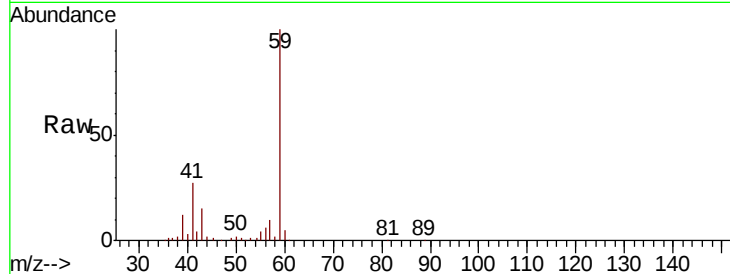


#11

Tert butyl alcohol
 Concen: 83.214 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

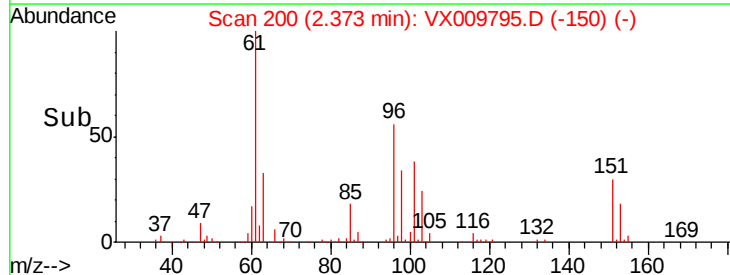
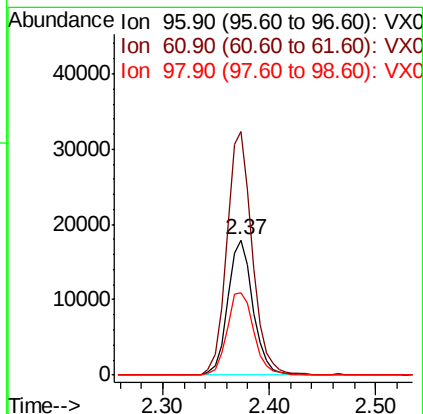
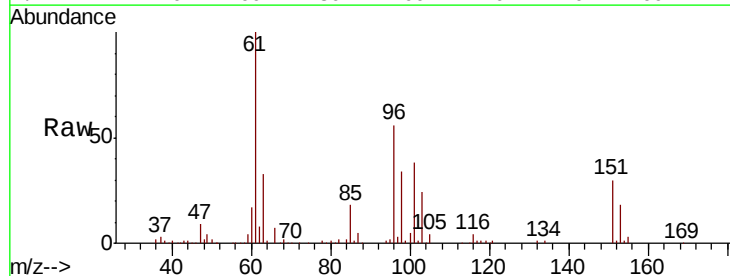
Tot Ion: 59 Resp: 48443
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

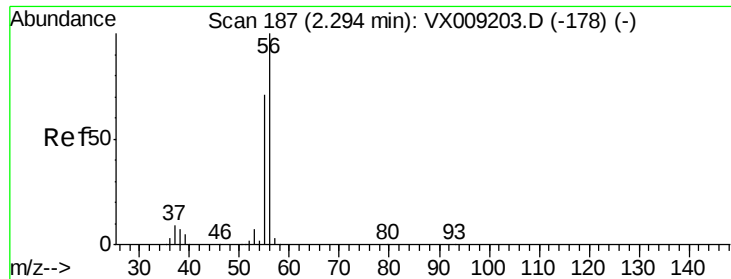


#12

1,1-Dichloroethene
 Concen: 17.206 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 96 Resp: 29742
 Ion Ratio Lower Upper
 96 100
 61 179.5 144.3 216.5
 98 61.0 50.3 75.5





#13

Acrolein

Concen: 79.053 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

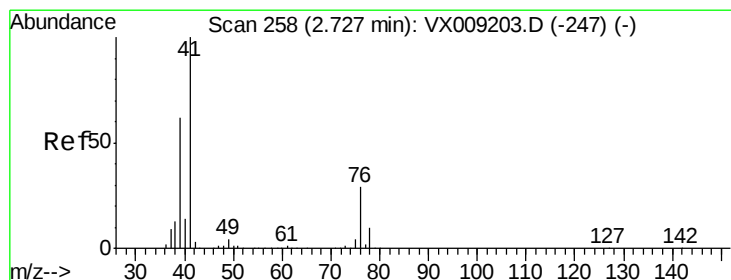
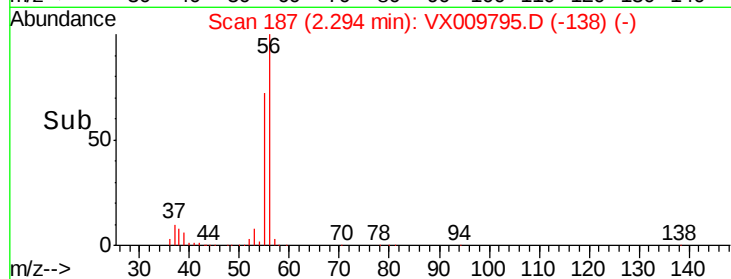
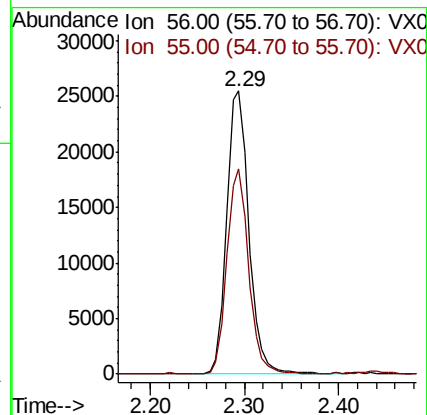
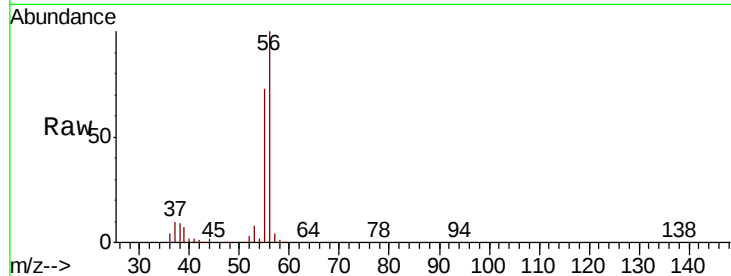
VX0522WBS01

Tot Ion: 56 Resp: 41678

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



#14

Allyl chloride

Concen: 17.502 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

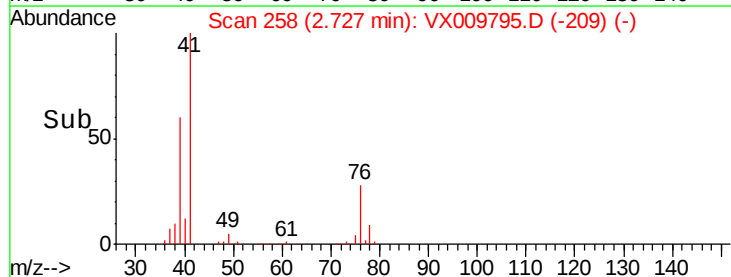
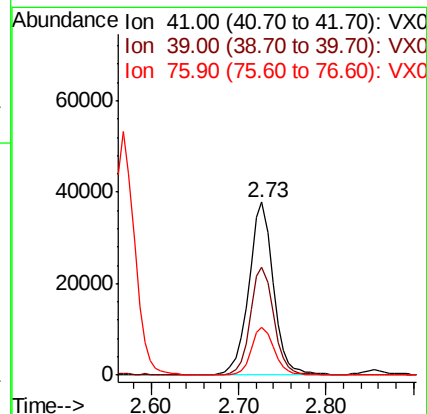
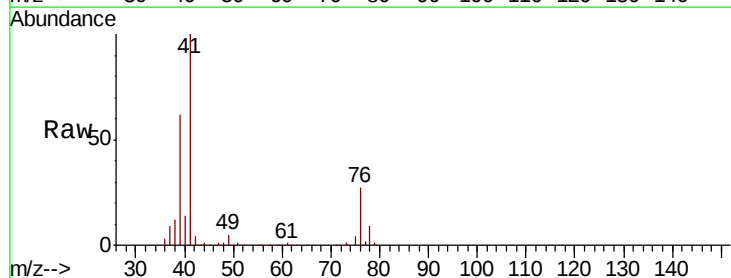
Tgt Ion: 41 Resp: 73728

Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

76 25.6 21.8 32.8





#15

Acrylonitrile

Concen: 84.713 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

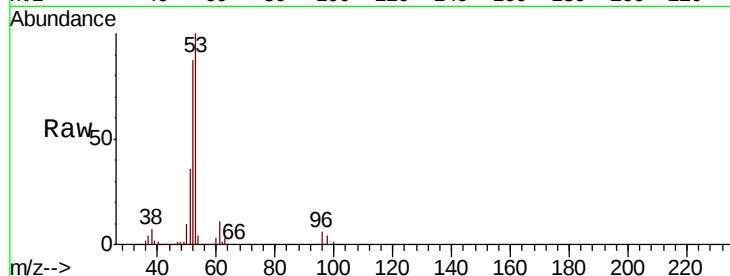
Tot Ion: 53 Resp: 120581

Ion Ratio Lower Upper

53 100

52 83.1 66.9 100.3

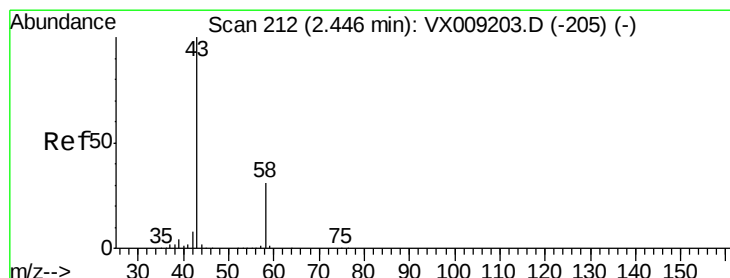
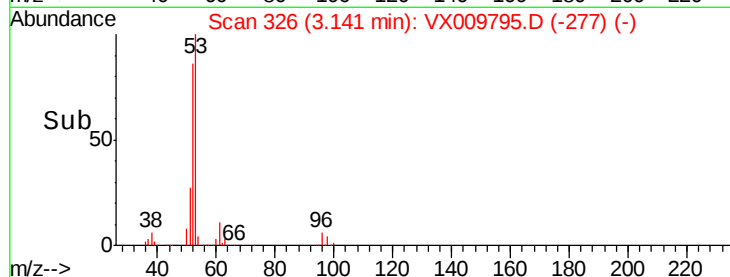
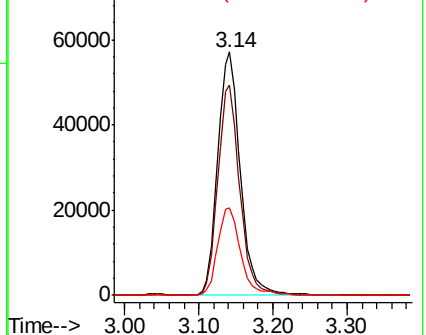
51 36.5 28.2 42.2



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: 93.407 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009795.D

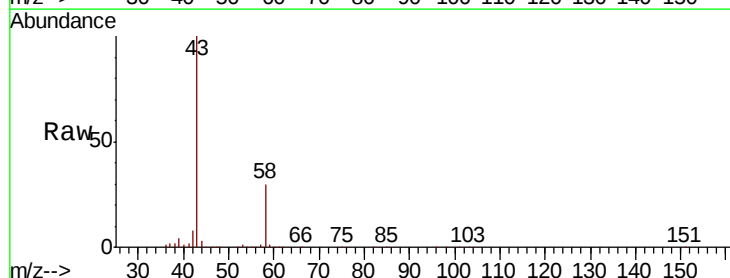
Acq: 22 May 2019 11:40

Tgt Ion: 43 Resp: 126140

Ion Ratio Lower Upper

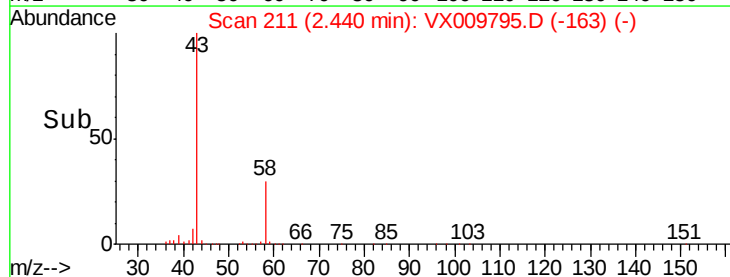
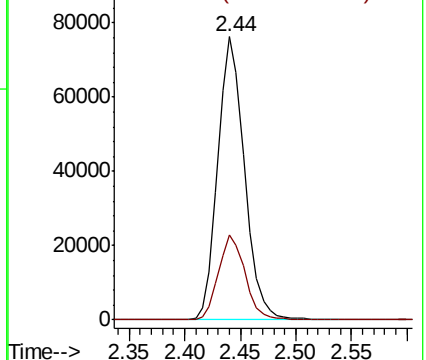
43 100

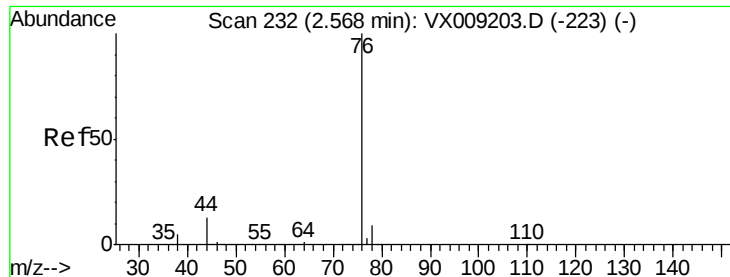
58 29.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

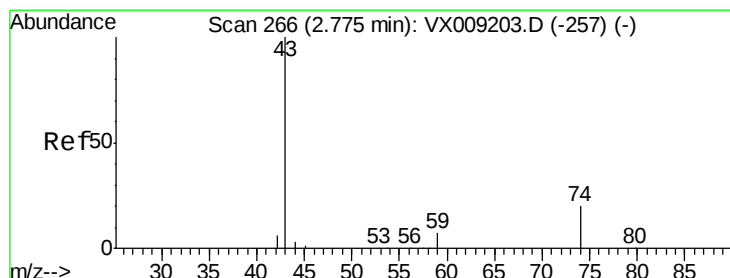
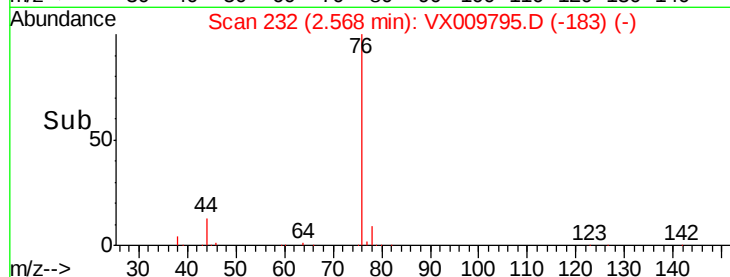
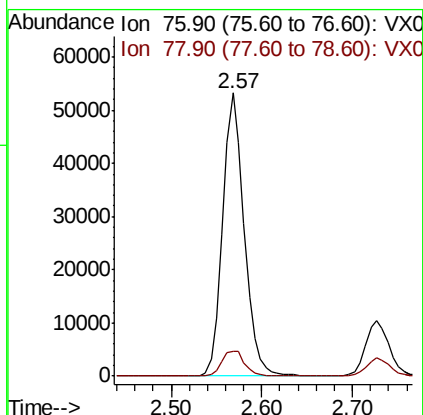
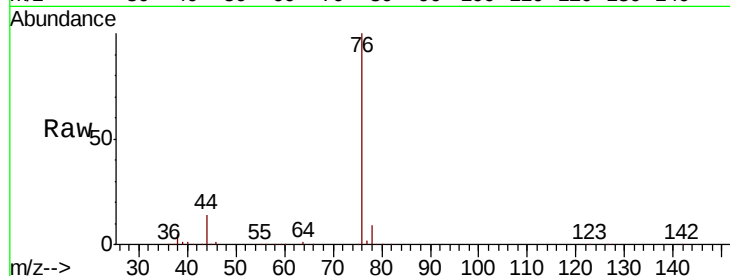




#17
Carbon Disulfide
Concen: 18.181 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

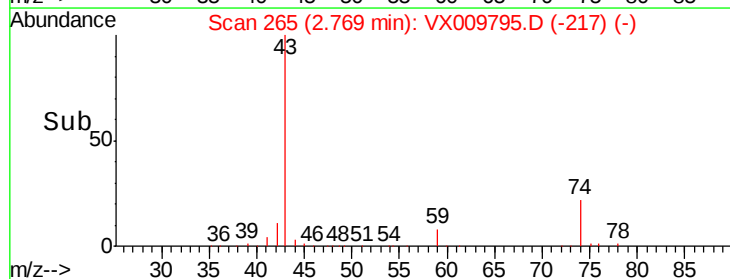
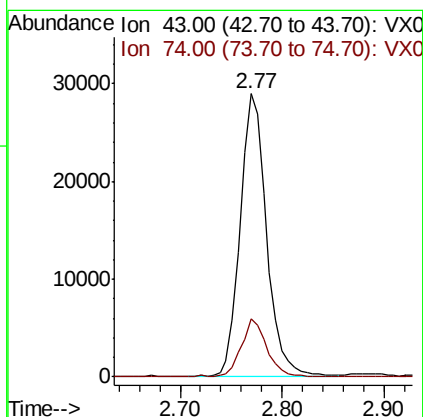
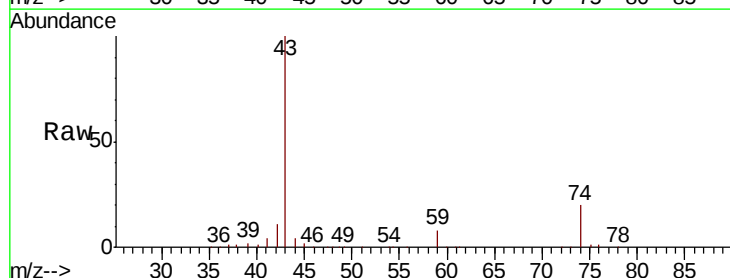
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion: 76 Resp: 88235
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 16.088 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 43 Resp: 51667
Ion Ratio Lower Upper
43 100
74 19.9 16.2 24.4

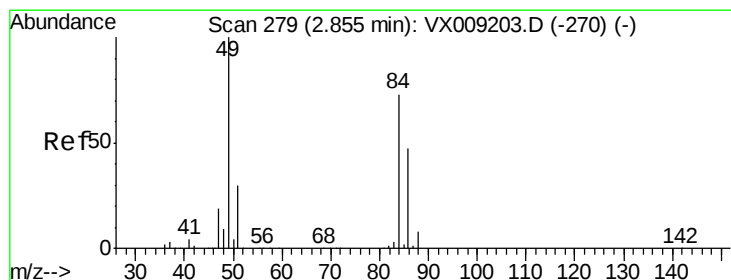
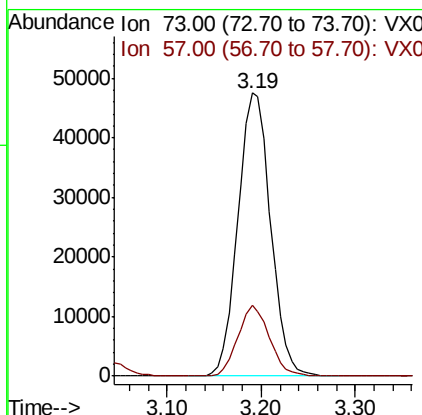
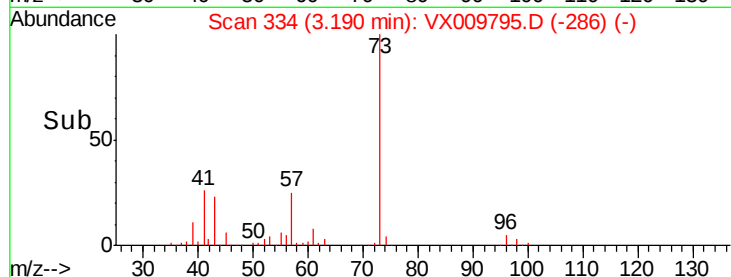
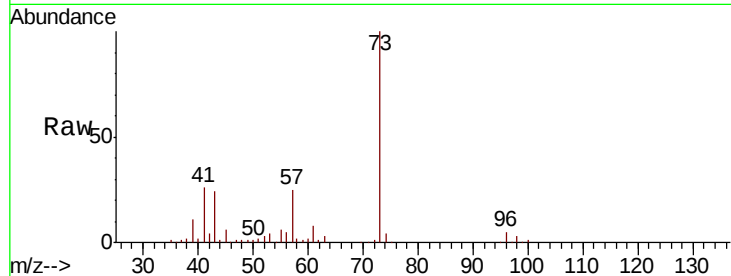




#19
Methyl tert-butyl Ether
Concen: 17.055 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

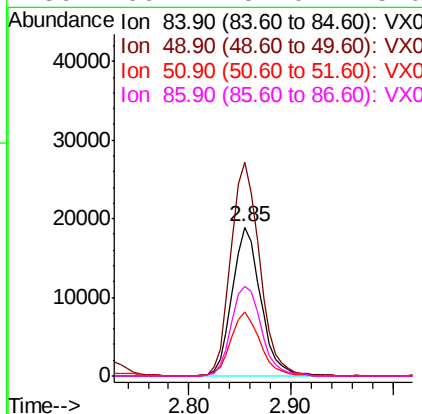
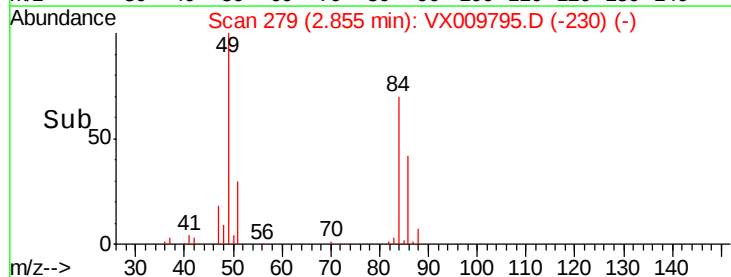
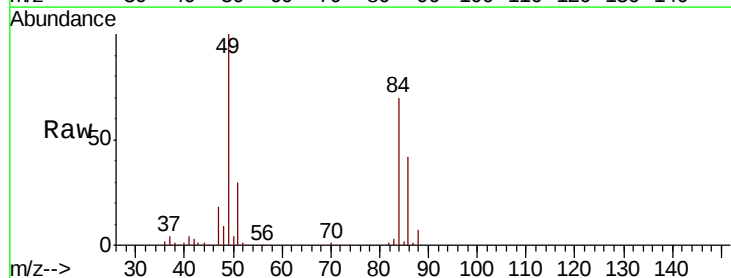
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

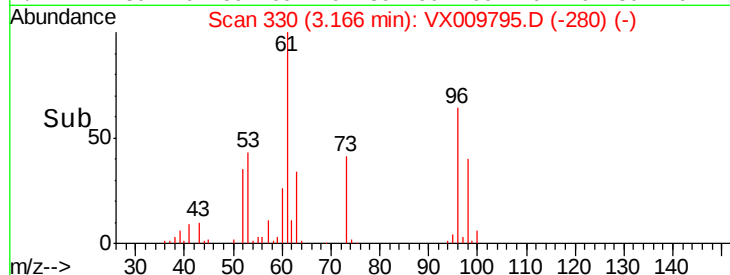
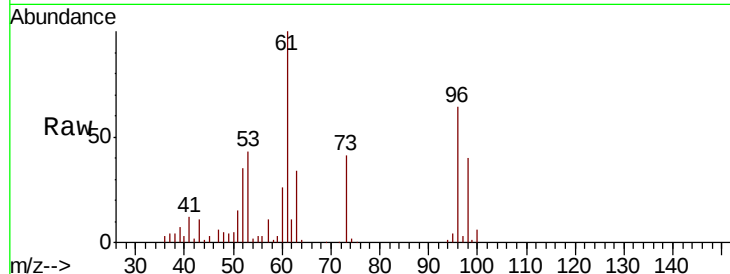
Tot Ion: 73 Resp: 114487
Ion Ratio Lower Upper
73 100
57 25.2 19.3 28.9



#20
Methylene Chloride
Concen: 16.715 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 84 Resp: 36548
Ion Ratio Lower Upper
84 100
49 143.8 109.9 164.9
51 43.4 32.7 49.1
86 60.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.358 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

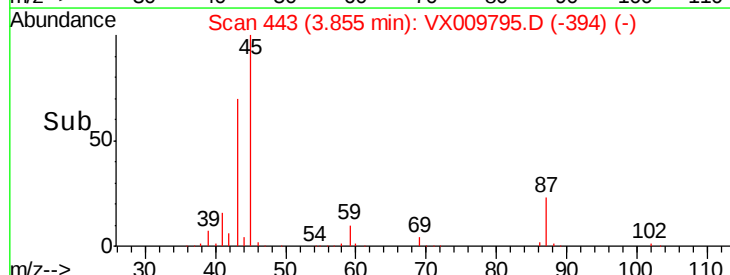
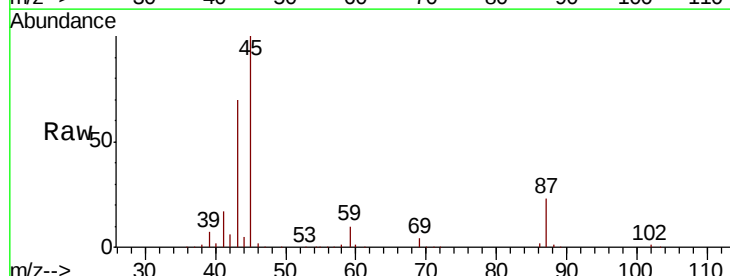
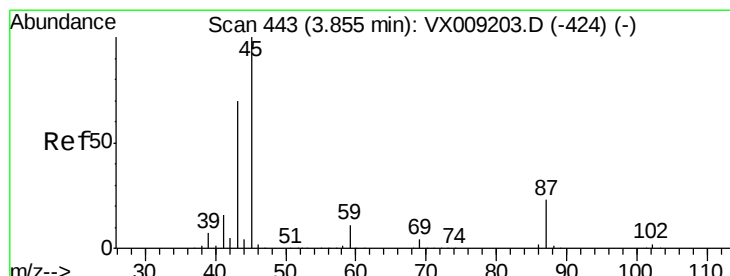
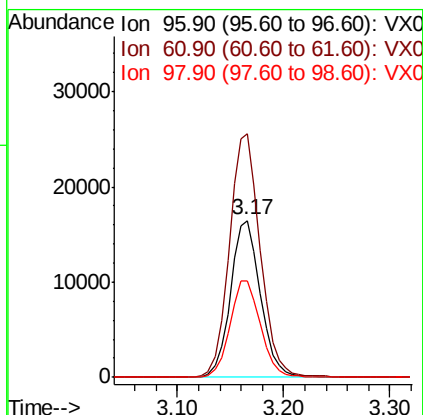
Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion: 96 Resp: 32540

Ion	Ratio	Lower	Upper
96	100		
61	155.5	124.5	186.7
98	61.7	50.4	75.6



#22

Diisopropyl ether

Concen: 17.740 ug/l

RT: 3.85 min Scan# 443

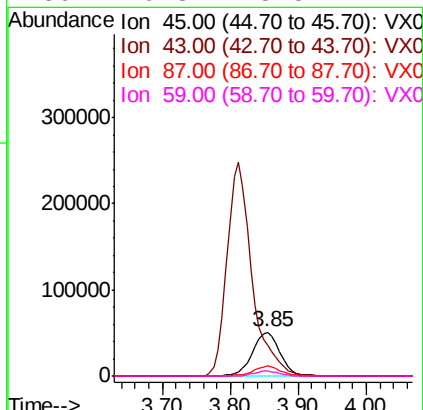
Delta R.T. 0.00 min

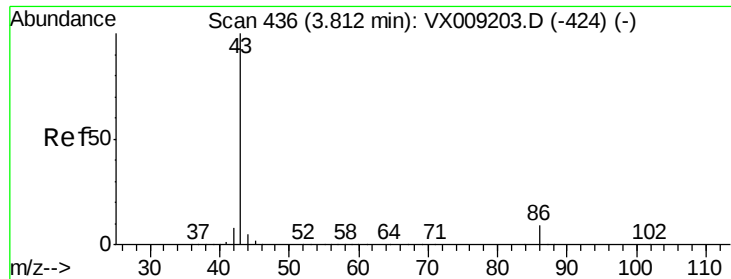
Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion: 45 Resp: 143718

Ion	Ratio	Lower	Upper
45	100		
43	70.4	56.1	84.1
87	23.0	18.1	27.1
59	10.3	8.5	12.7





#23

Vinyl Acetate

Concen: 91.201 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

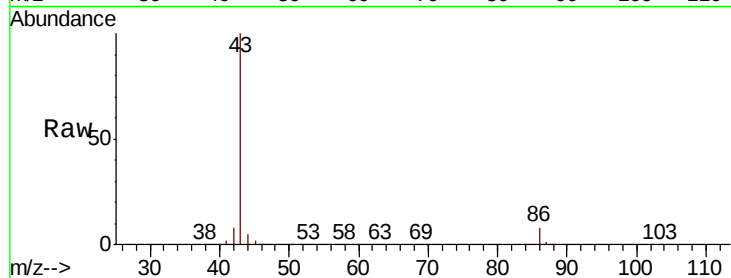
VX0522WBS01

Tot Ion: 43 Resp: 632688

Ion Ratio Lower Upper

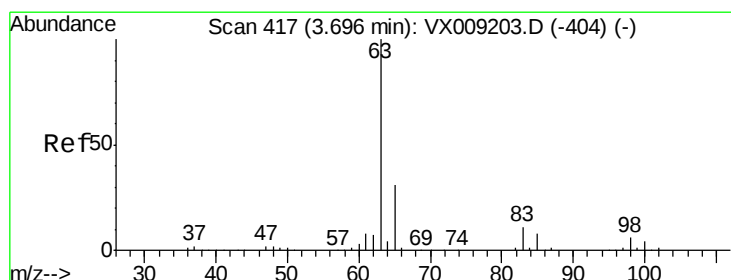
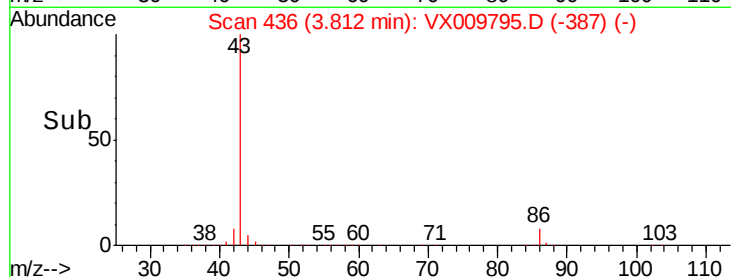
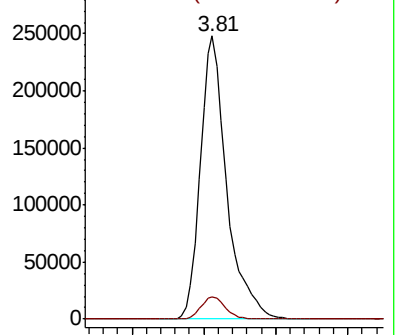
43 100

86 8.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.197 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

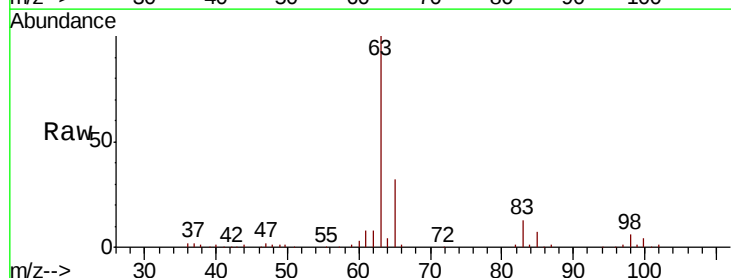
Tgt Ion: 63 Resp: 68727

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

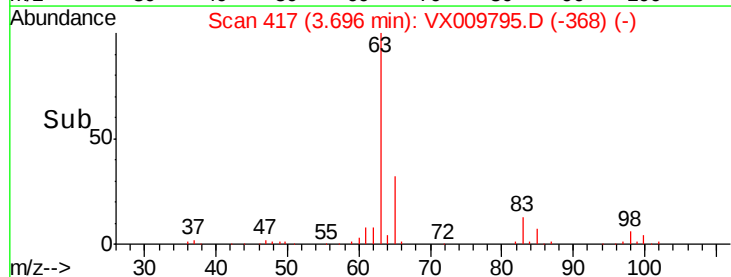
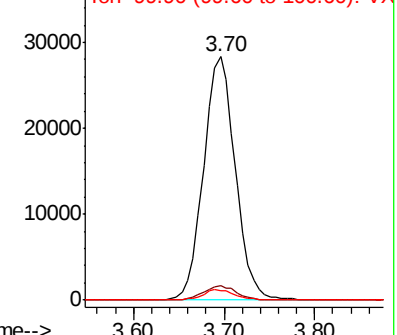
100 3.8 2.0 6.0

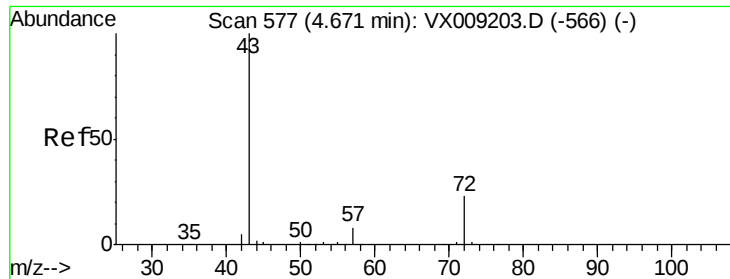


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.295 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

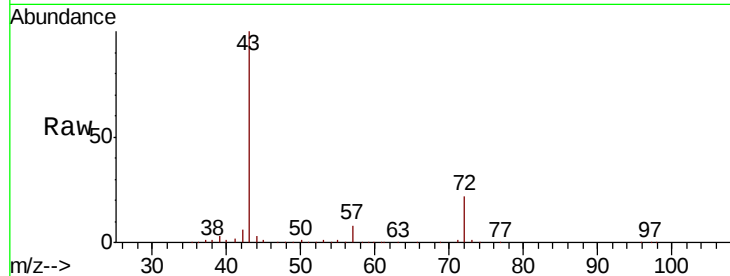
VX0522WBS01

Tot Ion: 43 Resp: 185289

Ion Ratio Lower Upper

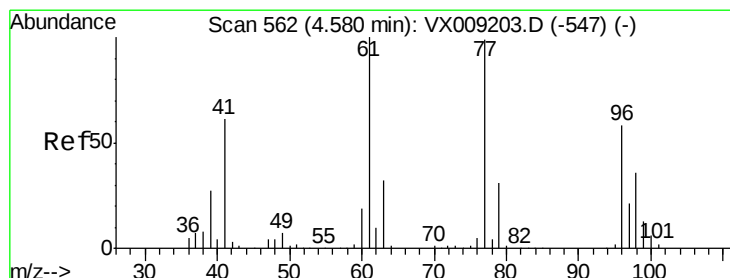
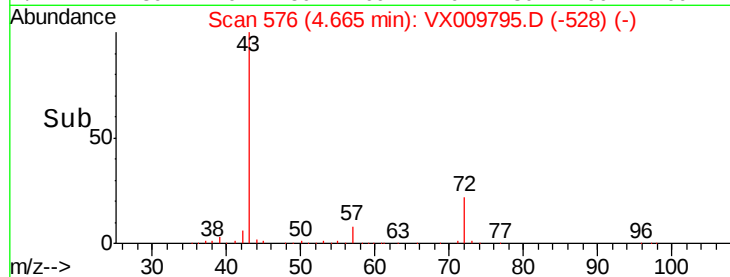
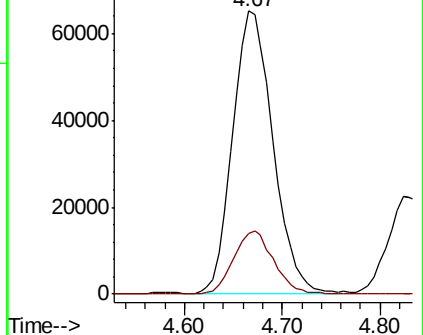
43 100

72 21.5 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: 17.051 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009795.D

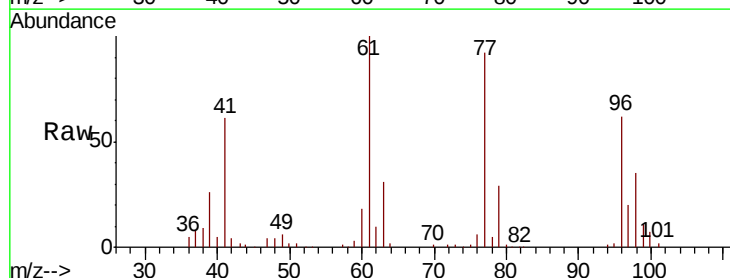
Acq: 22 May 2019 11:40

Tgt Ion: 77 Resp: 50723

Ion Ratio Lower Upper

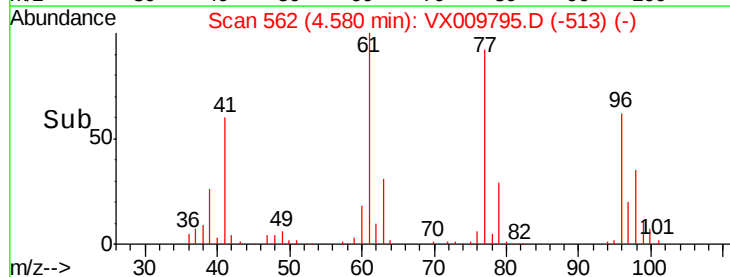
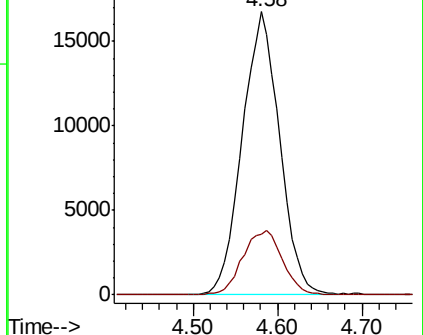
77 100

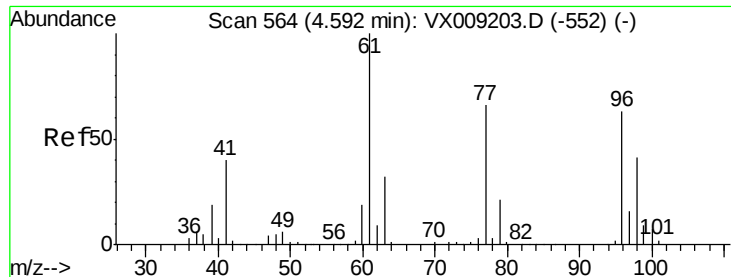
97 24.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



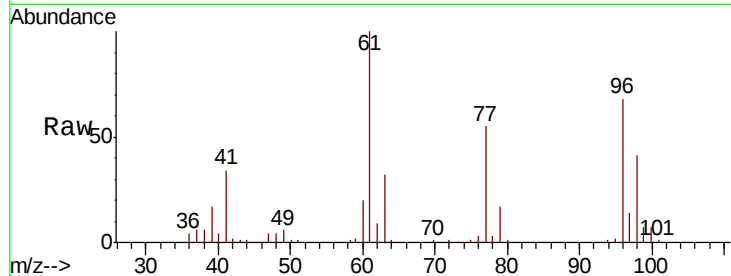


#27

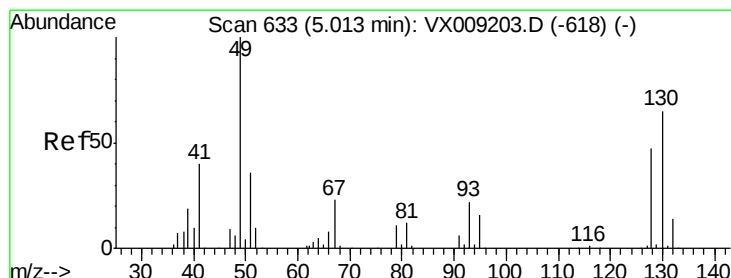
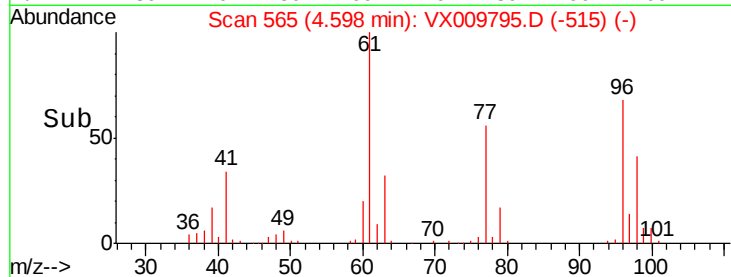
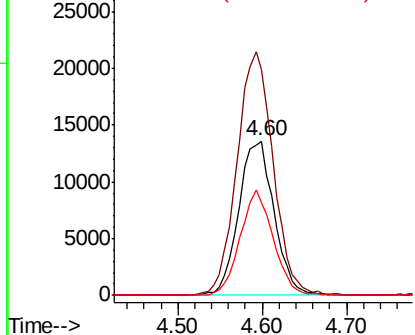
cis-1,2-Dichloroethene
Concen: 17.237 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion: 96 Resp: 38570
Ion Ratio Lower Upper
96 100
61 161.4 0.0 324.0
98 63.8 0.0 130.4



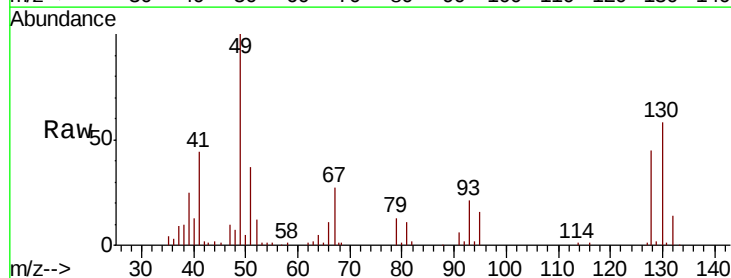
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



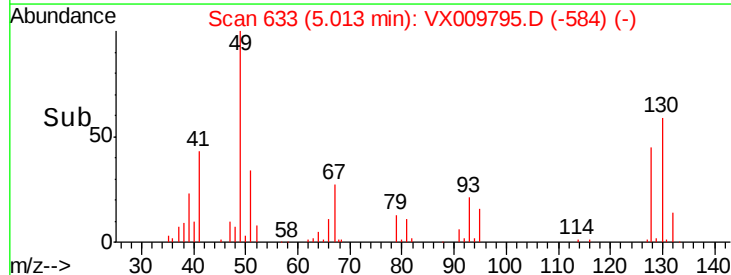
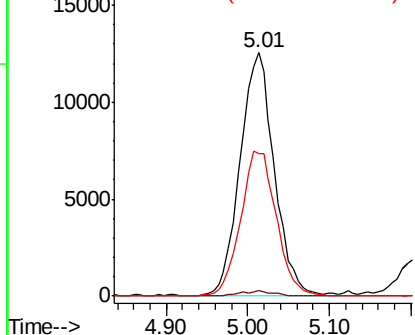
#28

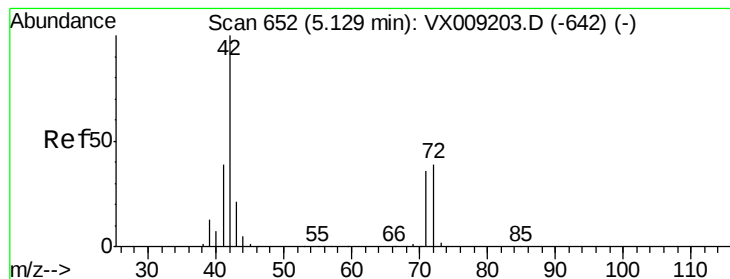
Bromochloromethane
Concen: 21.250 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 49 Resp: 36722
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 61.8 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: 86.895 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

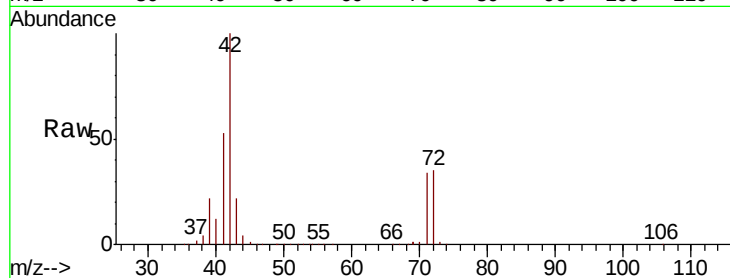
Tot Ion: 42 Resp: 117343

Ion Ratio Lower Upper

42 100

72 37.0 30.4 45.6

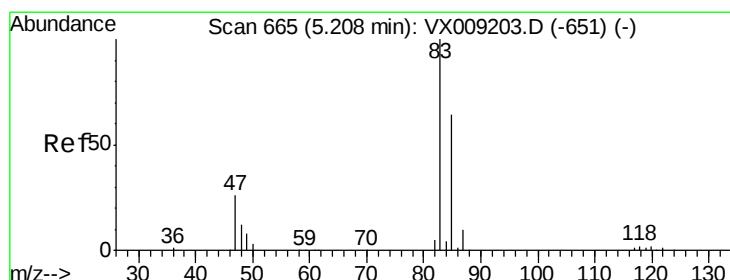
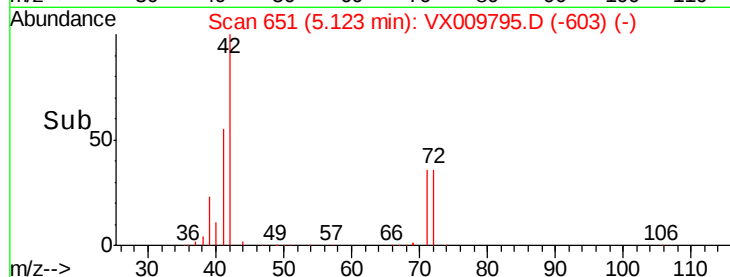
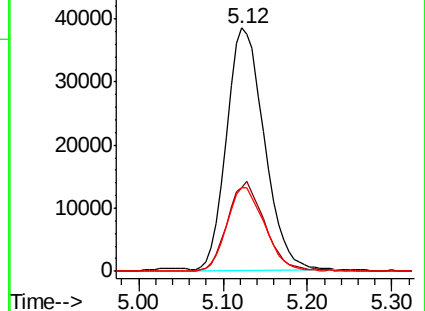
71 34.8 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.345 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009795.D

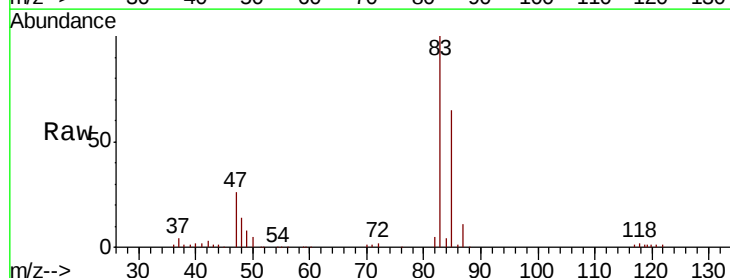
Acq: 22 May 2019 11:40

Tgt Ion: 83 Resp: 62694

Ion Ratio Lower Upper

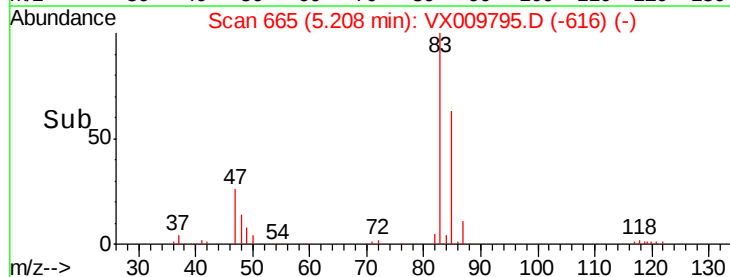
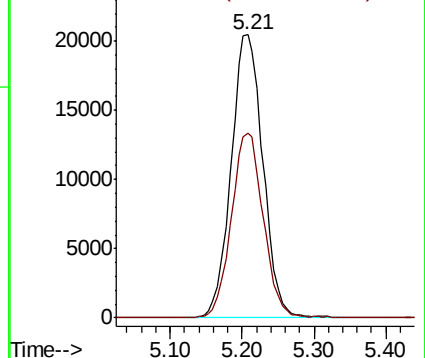
83 100

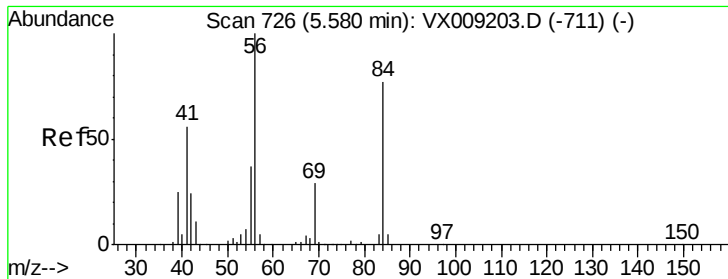
85 65.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.407 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

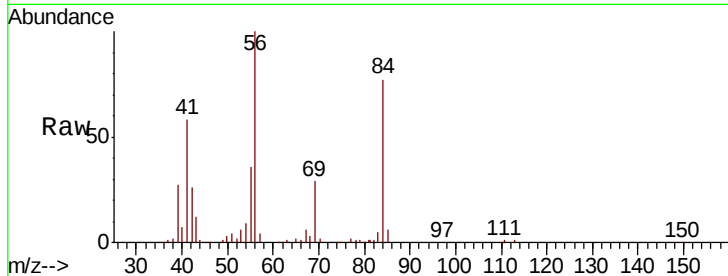
Tot Ion: 56 Resp: 68440

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

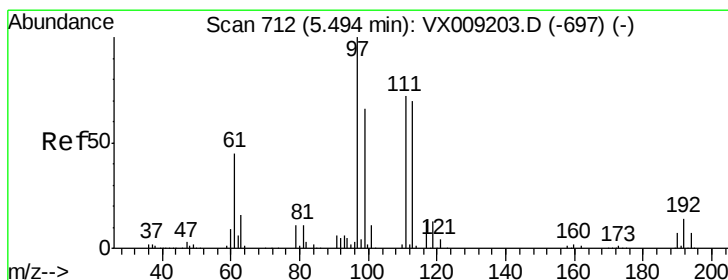
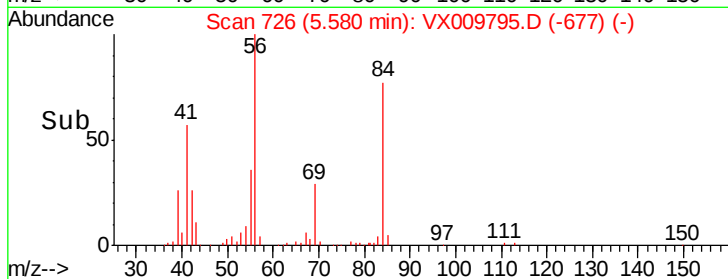
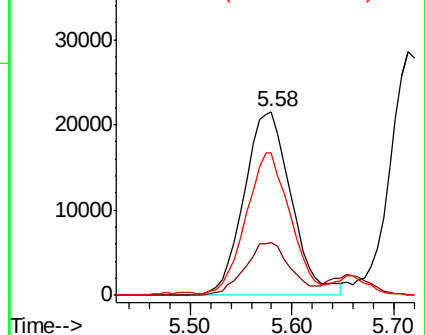
84 76.4 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.150 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

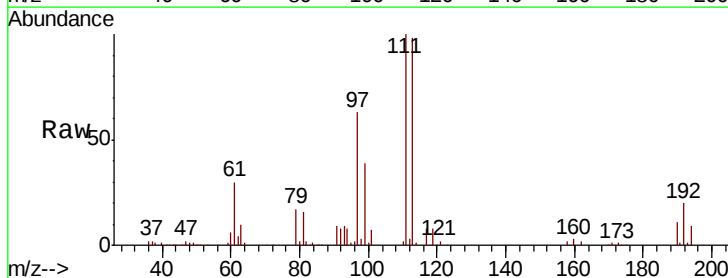
Tgt Ion: 97 Resp: 51604

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

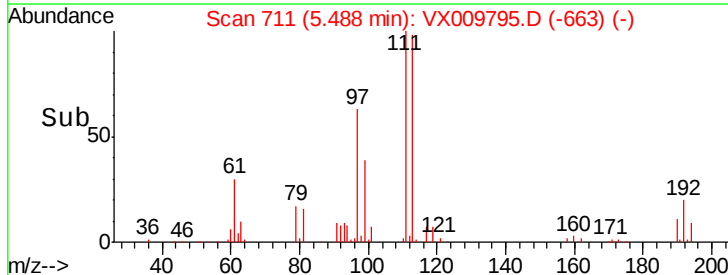
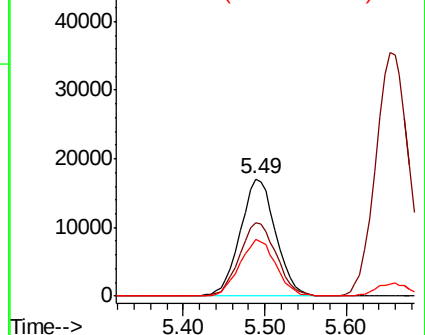
61 49.1 37.8 56.8

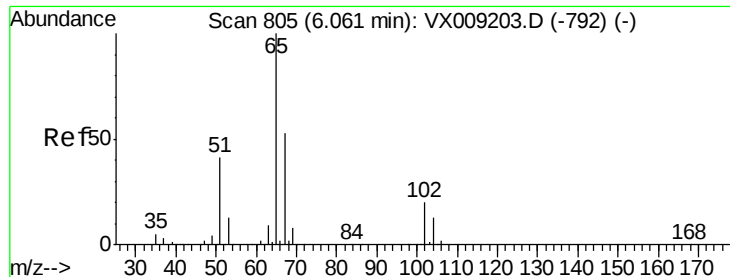


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

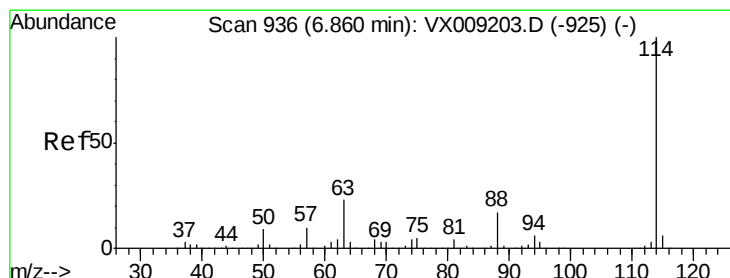
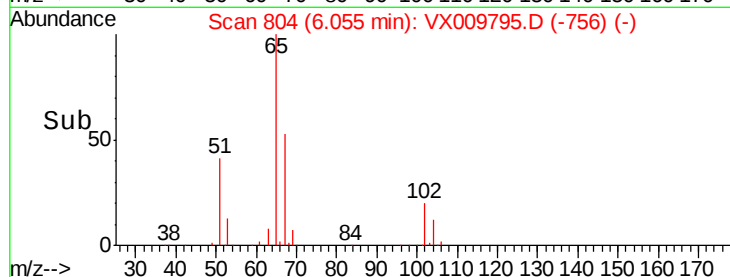
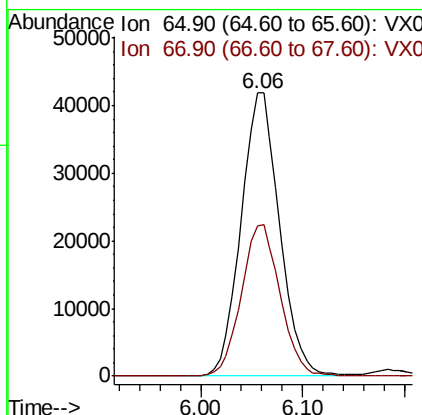
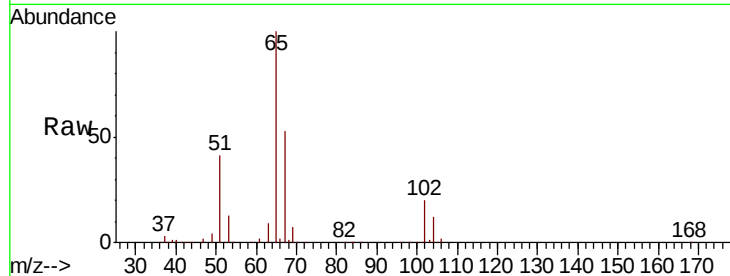




#33
 1,2-Dichloroethane-d4
 Concen: 43.639 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

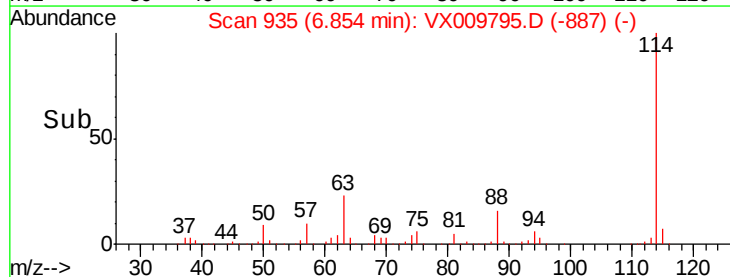
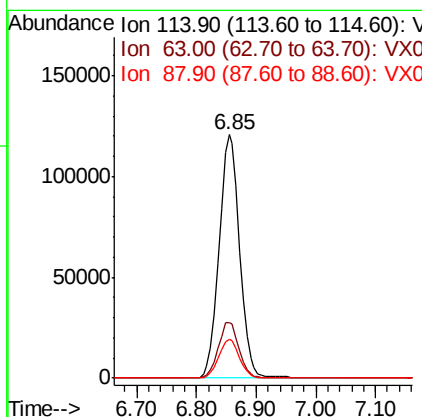
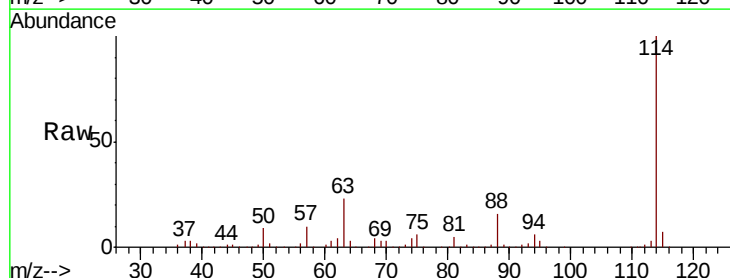
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

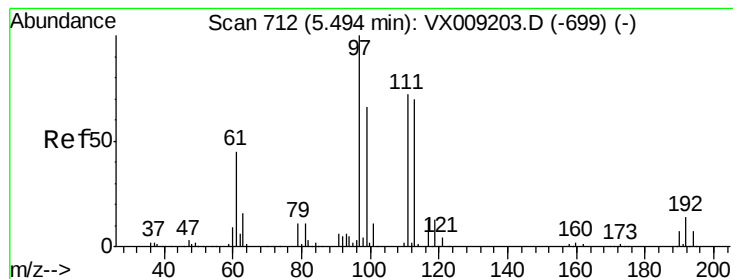
Tot Ion: 65 Resp: 109751
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 114 Resp: 288079
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.602 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

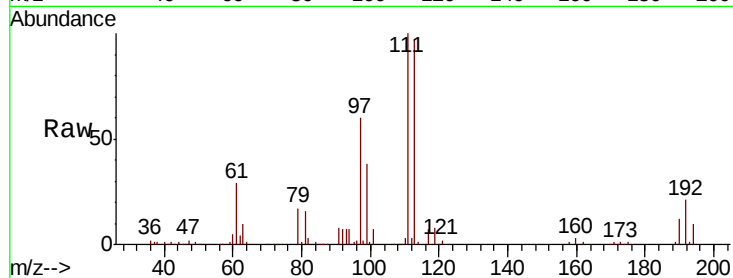
Tot Ion:113 Resp: 78963

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

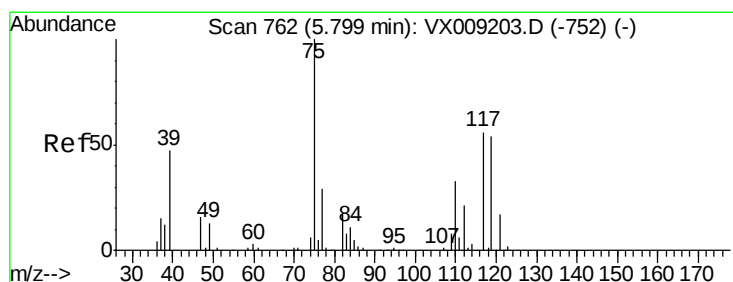
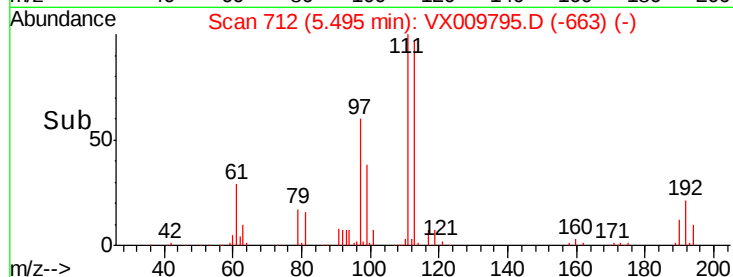
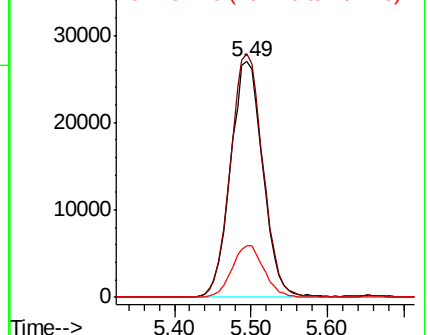
192 21.6 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.122 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

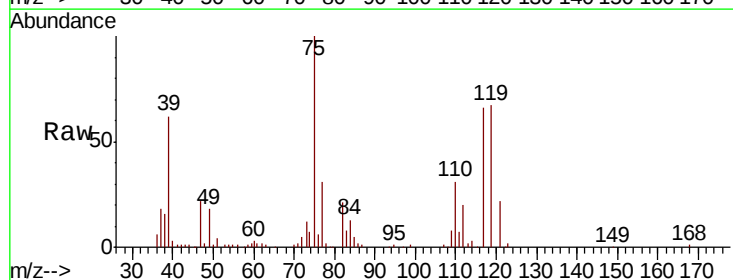
Tgt Ion: 75 Resp: 48515

Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.6

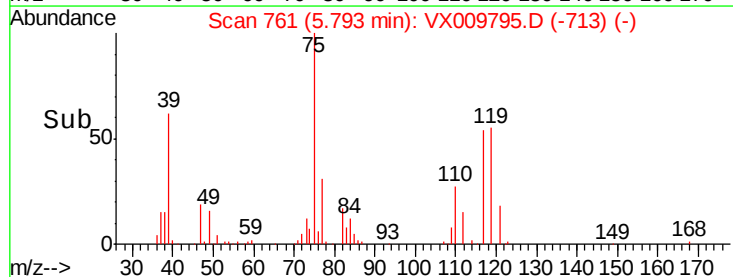
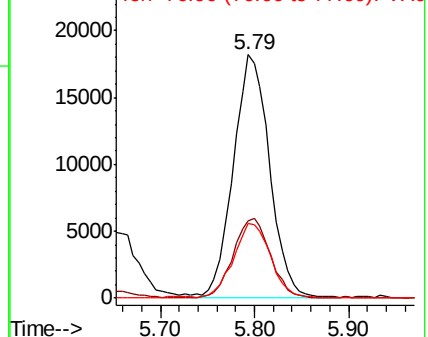
77 31.9 24.8 37.2

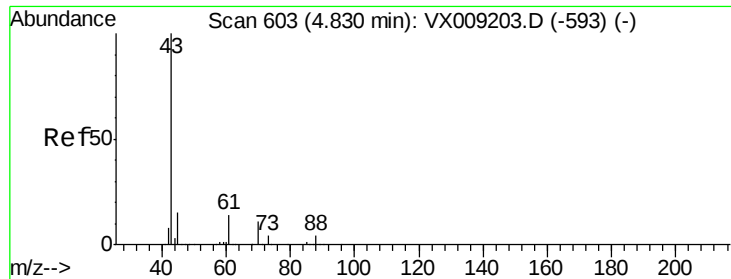


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

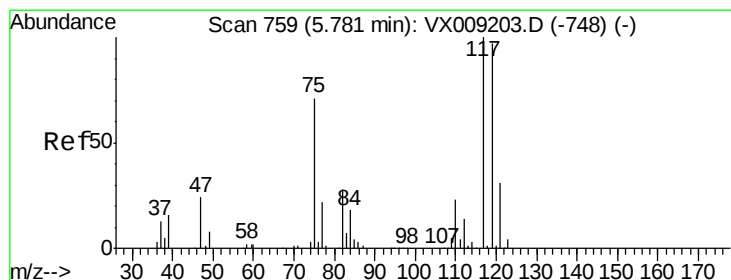
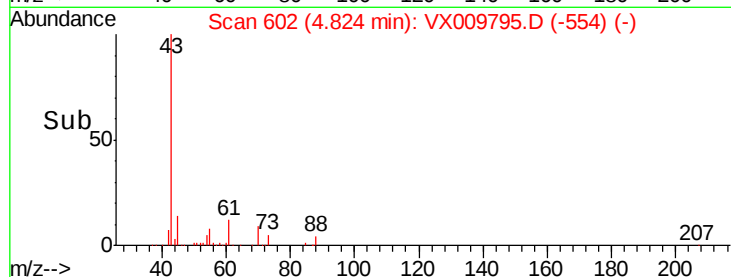
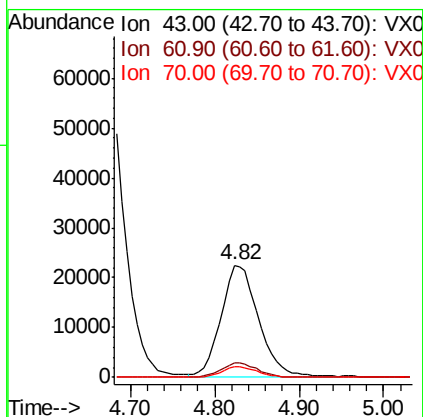
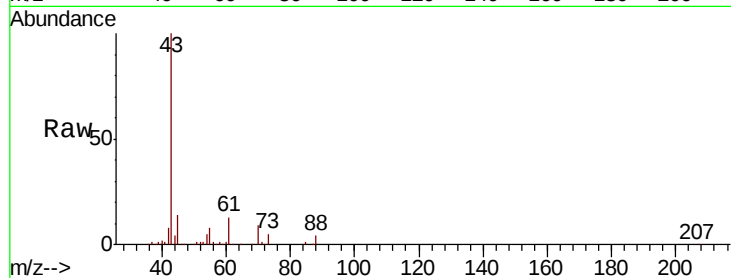




#37
Ethyl Acetate
Concen: 18.003 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

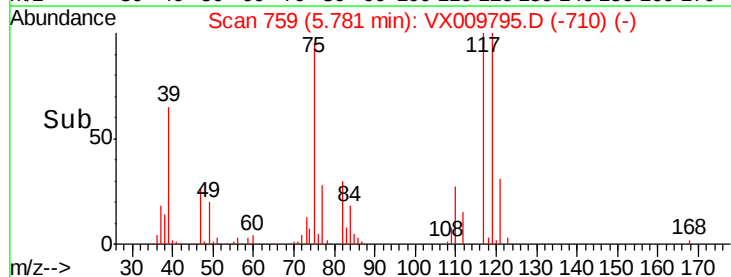
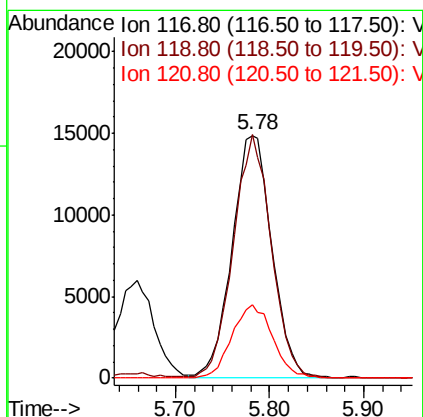
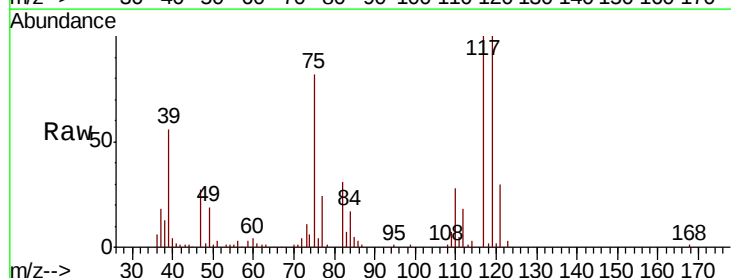
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

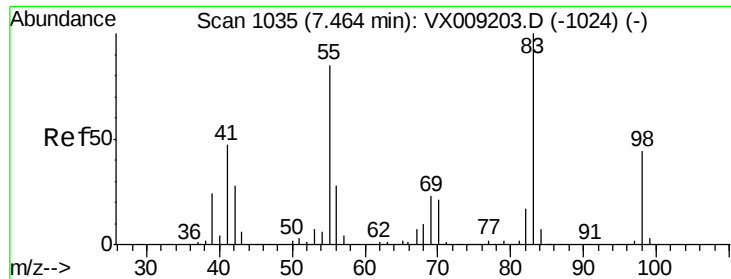
Tot Ion: 43 Resp: 67154
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.074 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 117 Resp: 43962
Ion Ratio Lower Upper
117 100
119 100.2 77.5 116.3
121 30.4 24.7 37.1

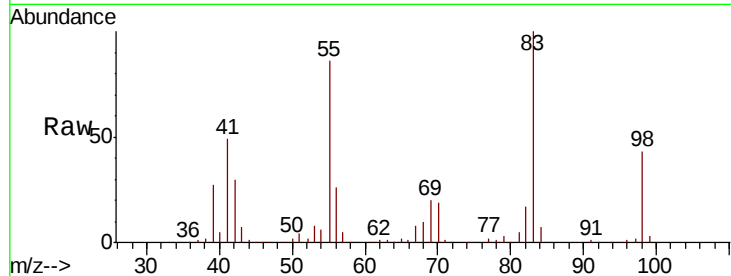




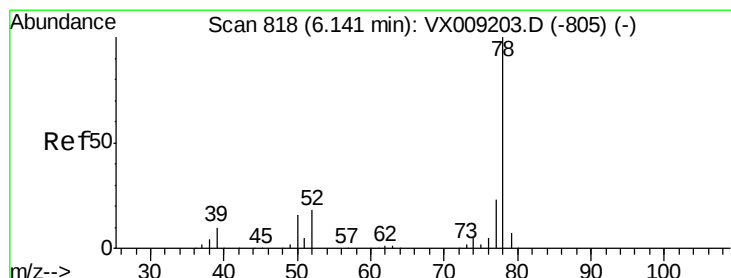
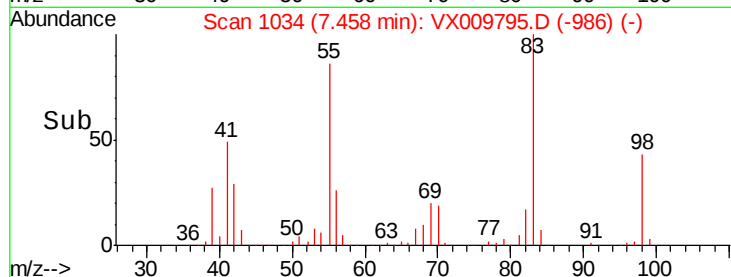
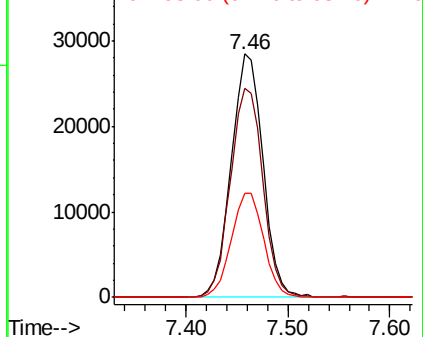
#39
Methvlcvclohexane
Concen: 18.628 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion: 83 Resp: 61246
Ion Ratio Lower Upper
83 100
55 85.9 67.7 101.5
98 42.9 35.5 53.3

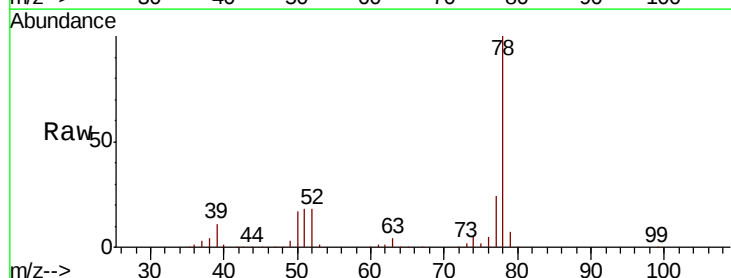


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

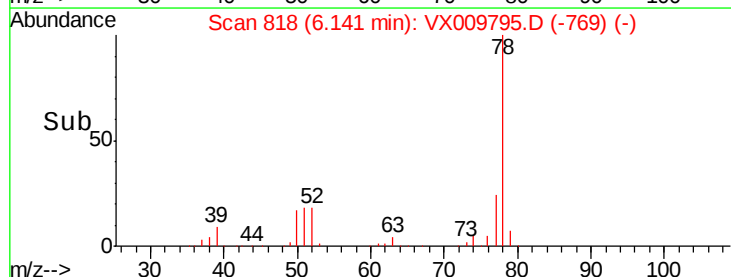
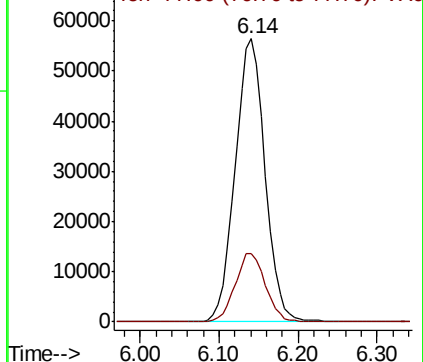


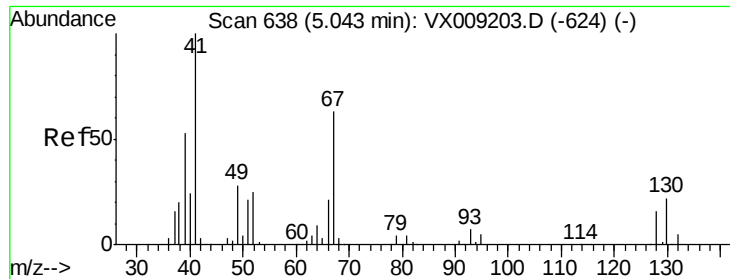
#40
Benzene
Concen: 17.929 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 78 Resp: 148550
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2



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

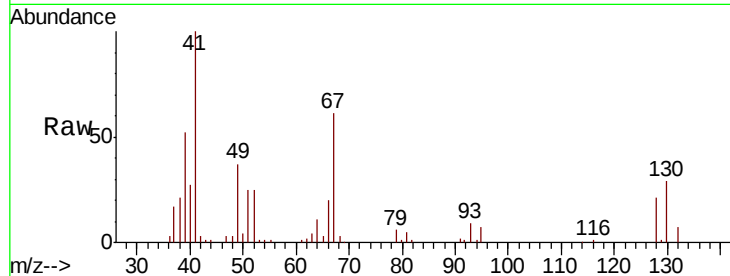




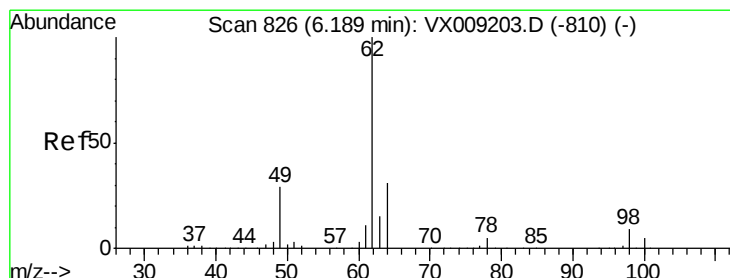
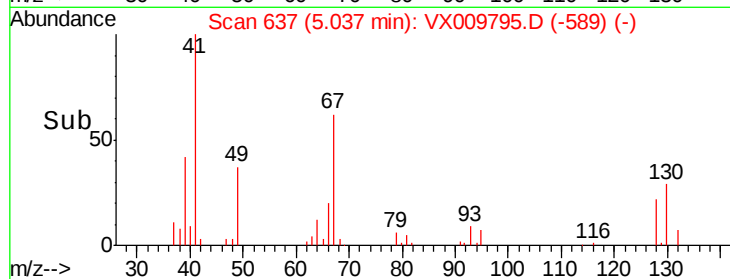
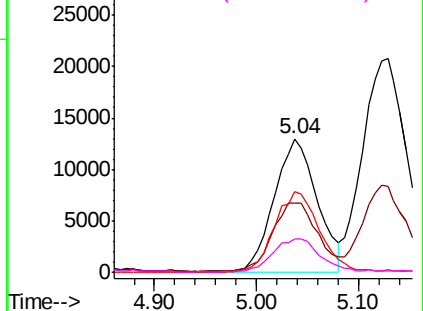
#41
Methacrylonitrile
Concen: 17.001 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion:	41	Resp:	37750
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.0	63.0
67	63.6	49.8	74.8
52	28.6	20.3	30.5

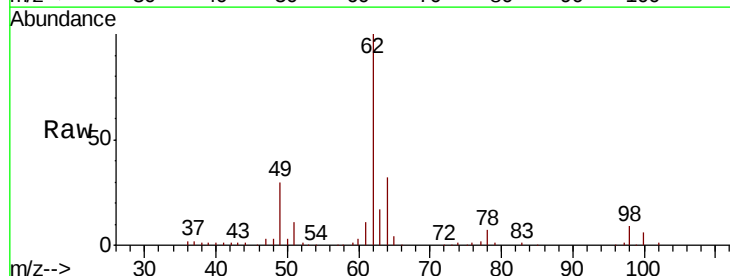


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

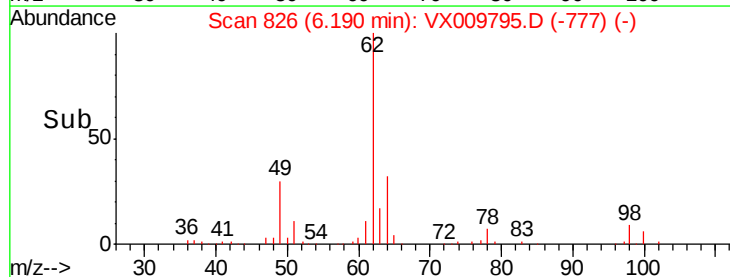
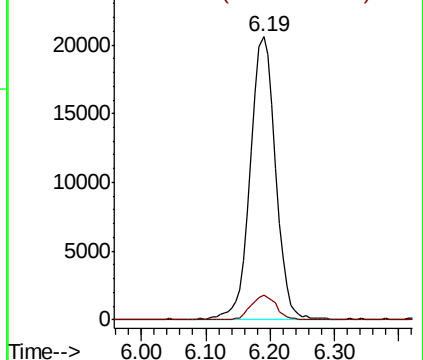


#42
1,2-Dichloroethane
Concen: 18.686 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion:	62	Resp:	55535
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



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



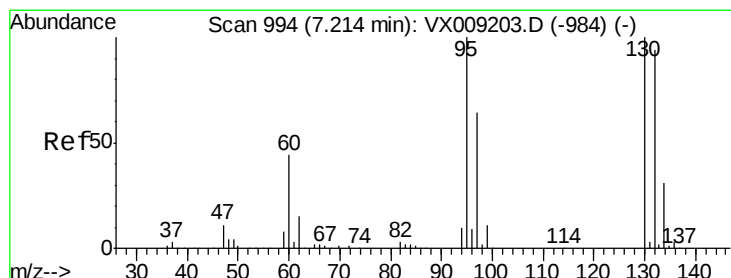
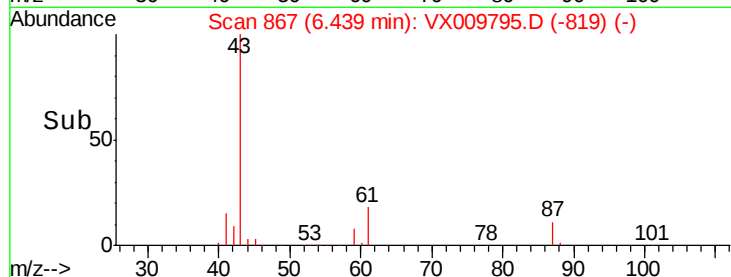
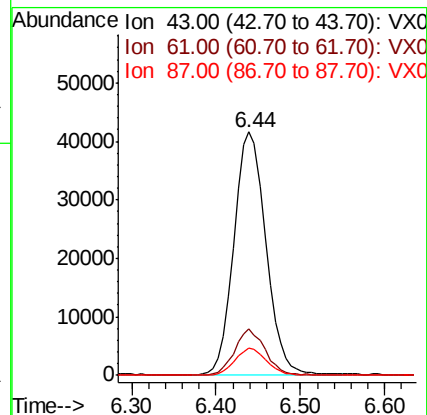
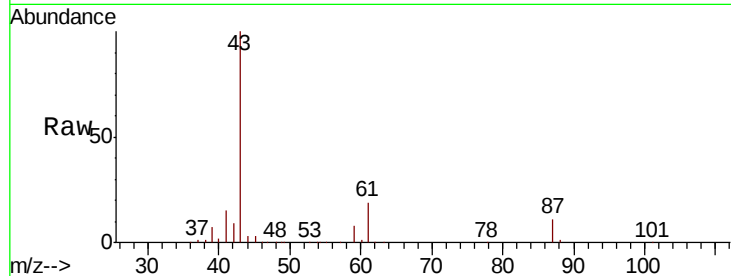


#43

Isopropyl Acetate
 Concen: 17.893 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX0522WBS01

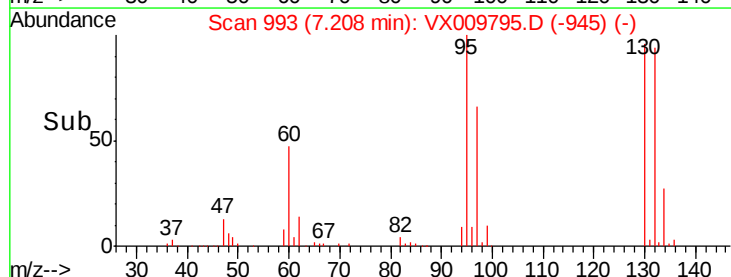
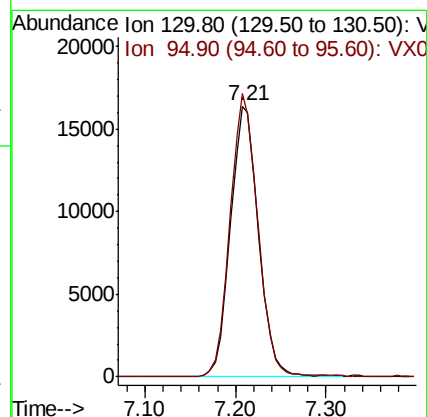
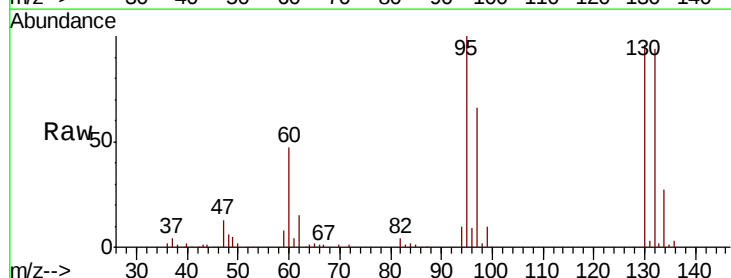
Tot Ion: 43 Resp: 106757
 Ion Ratio Lower Upper
 43 100
 61 18.2 15.1 22.7
 87 11.1 9.0 13.6

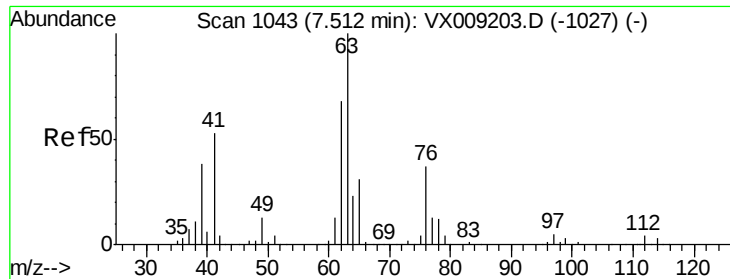


#44

Trichloroethene
 Concen: 17.568 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 130 Resp: 35189
 Ion Ratio Lower Upper
 130 100
 95 104.6 0.0 199.2





#45

1,2-Dichloropropane

Concen: 18.296 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

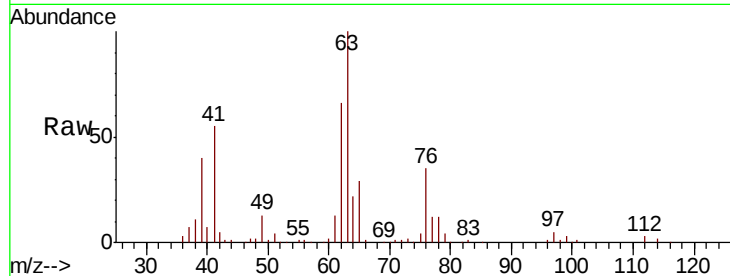
VX0522WBS01

Tot Ion: 63 Resp: 42923

Ion Ratio Lower Upper

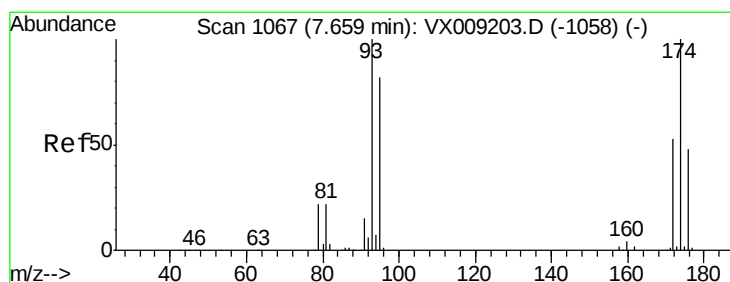
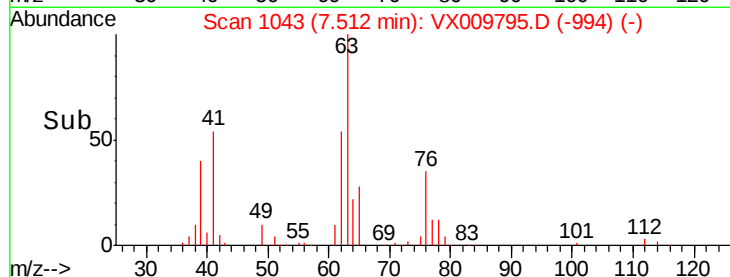
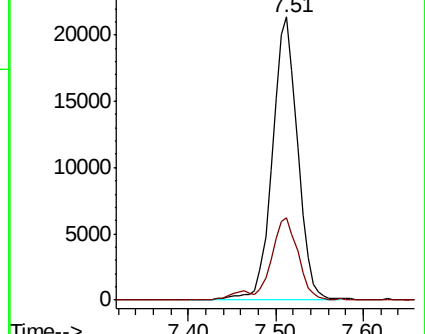
63 100

65 29.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.619 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

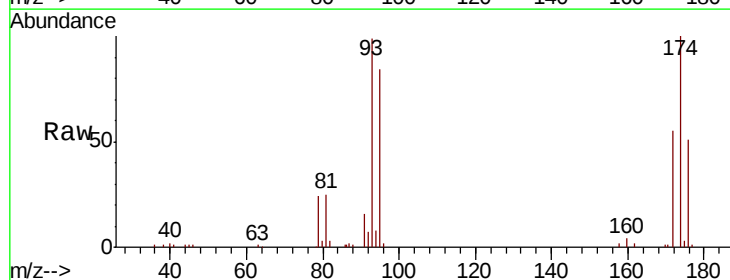
Tgt Ion: 93 Resp: 24004

Ion Ratio Lower Upper

93 100

95 83.0 66.5 99.7

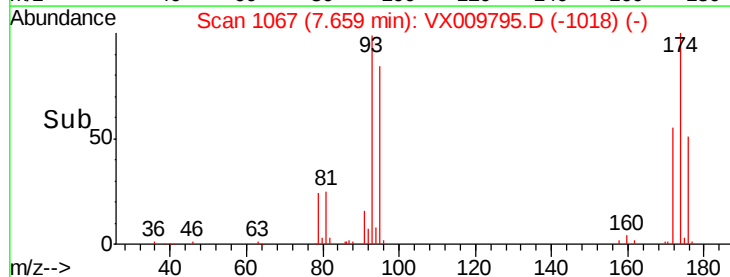
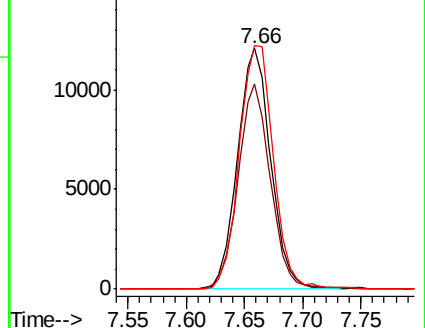
174 104.3 82.1 123.1

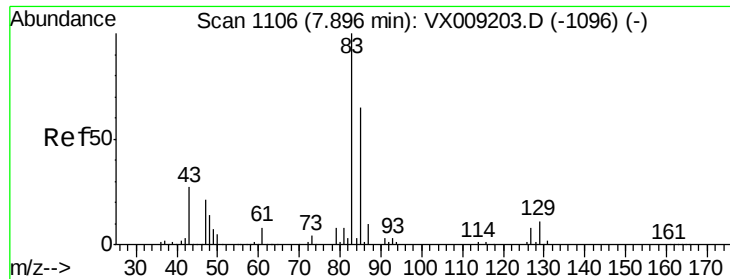


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.475 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

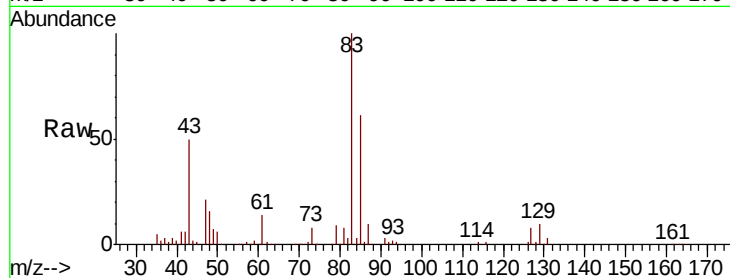
Tot Ion: 83 Resp: 47491

Ion Ratio Lower Upper

83 100

85 61.3 52.4 78.6

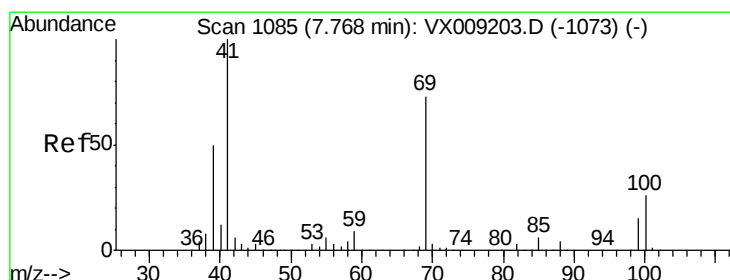
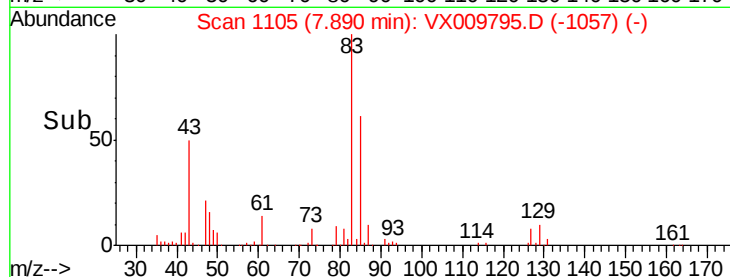
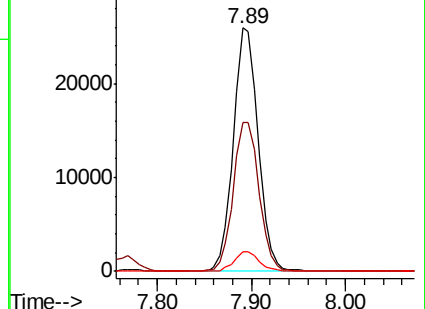
127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.305 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

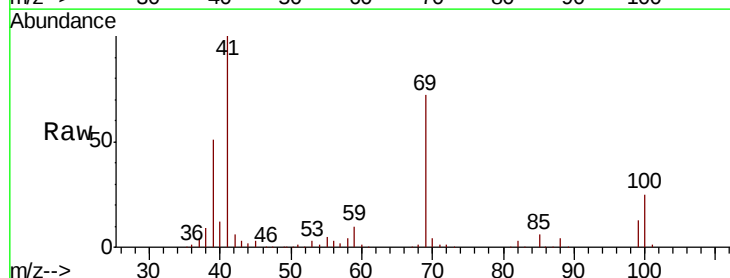
Tgt Ion: 41 Resp: 54184

Ion Ratio Lower Upper

41 100

69 71.0 59.1 88.7

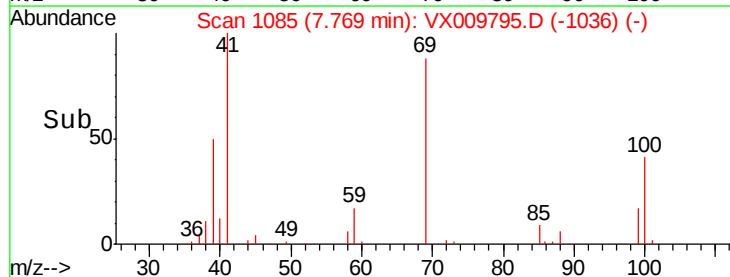
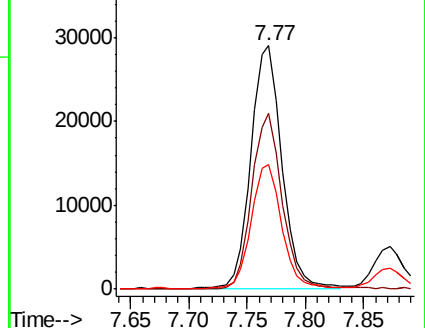
39 51.0 40.4 60.6

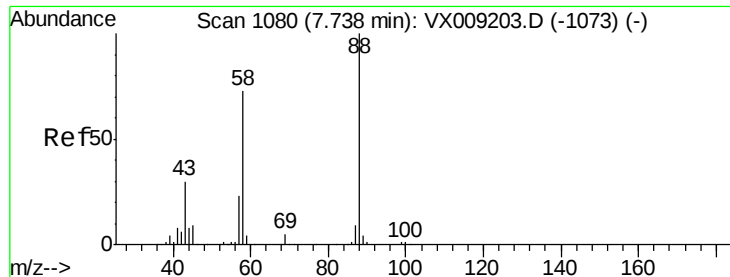


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

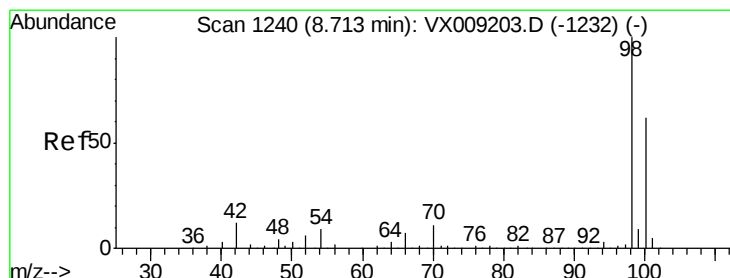
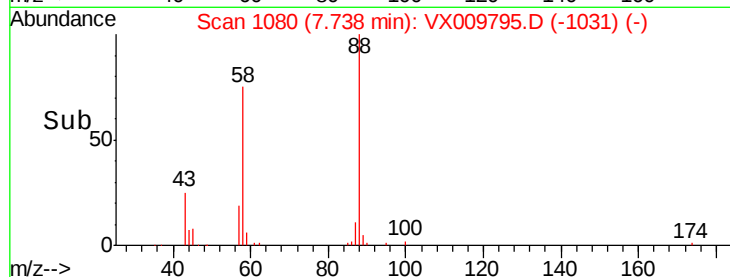
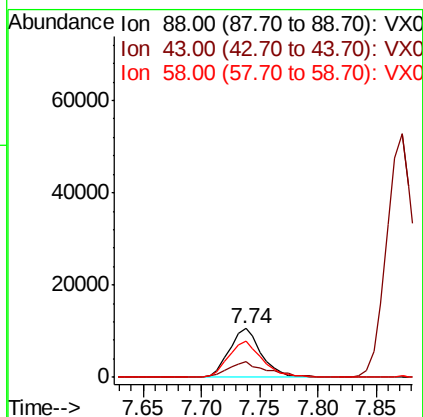
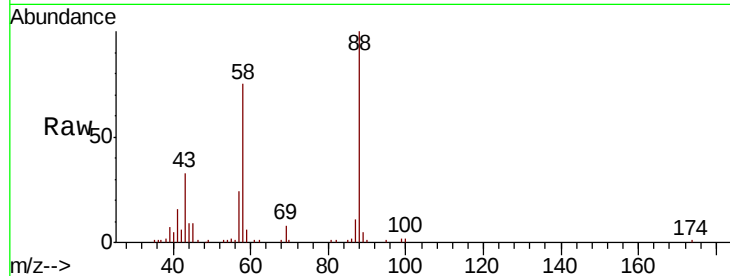




#49
1,4-Dioxane
Concen: 342.176 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

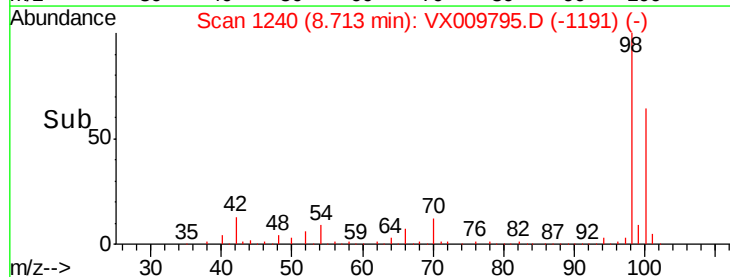
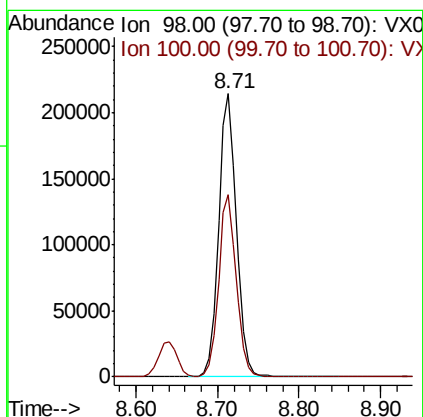
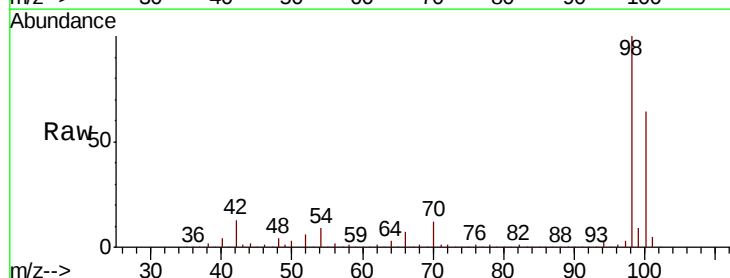
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

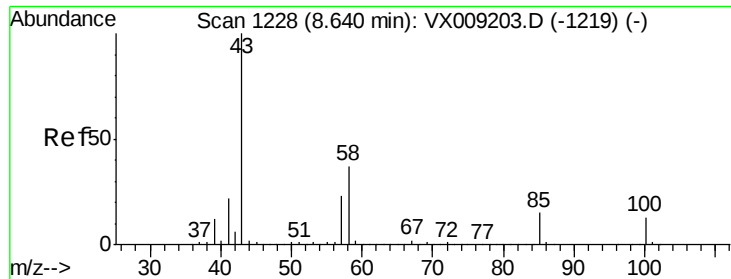
Tot Ion: 88 Resp: 20541
Ion Ratio Lower Upper
88 100
43 36.7 28.6 42.8
58 78.3 61.7 92.5



#50
Toluene-d8
Concen: 44.807 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 98 Resp: 327602
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 89.845 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

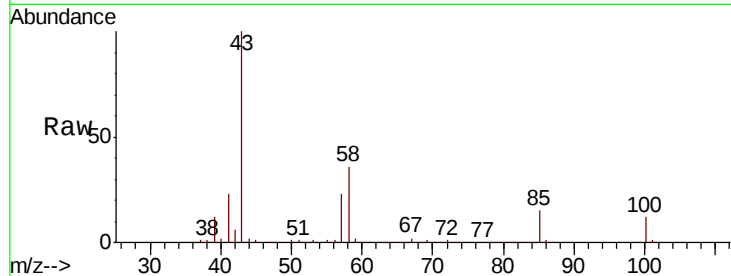
VX0522WBS01

Tot Ion: 43 Resp: 350379

Ion Ratio Lower Upper

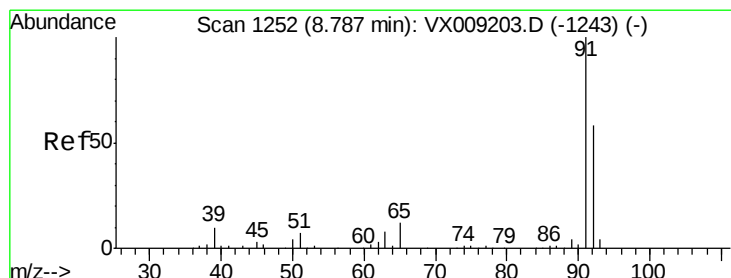
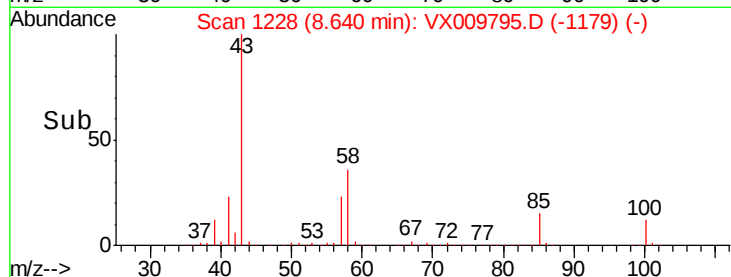
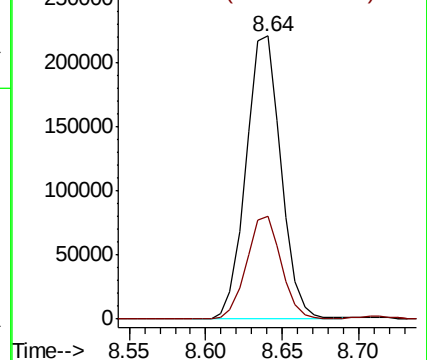
43 100

58 36.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.156 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009795.D

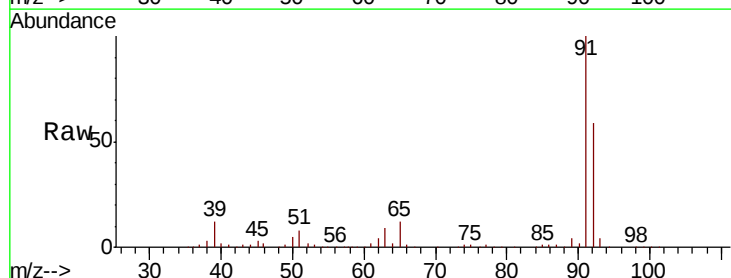
Acq: 22 May 2019 11:40

Tgt Ion: 92 Resp: 91442

Ion Ratio Lower Upper

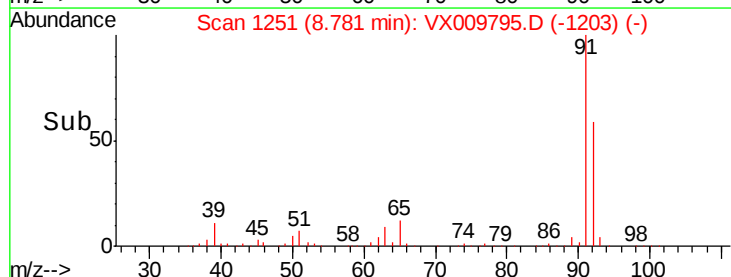
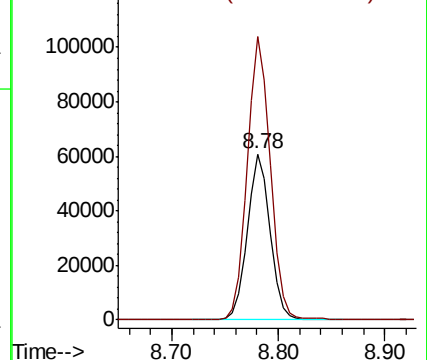
92 100

91 173.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.780 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

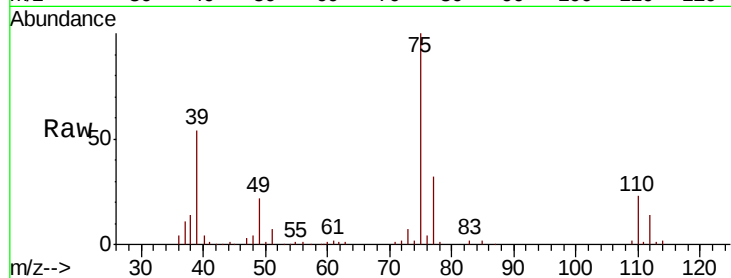
VX0522WBS01

Tot Ion: 75 Resp: 54554

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

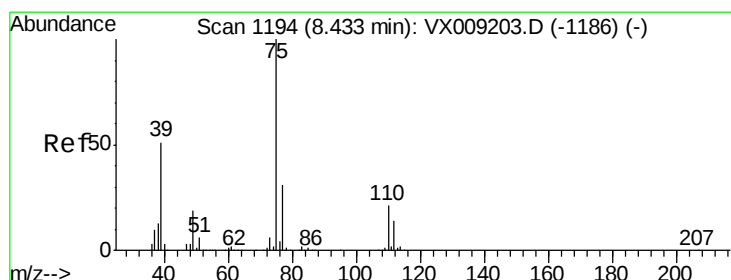
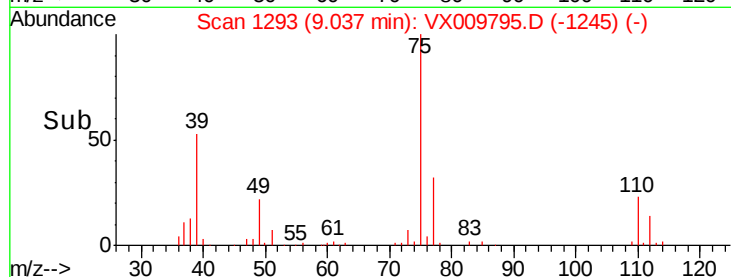
20000

10000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.833 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

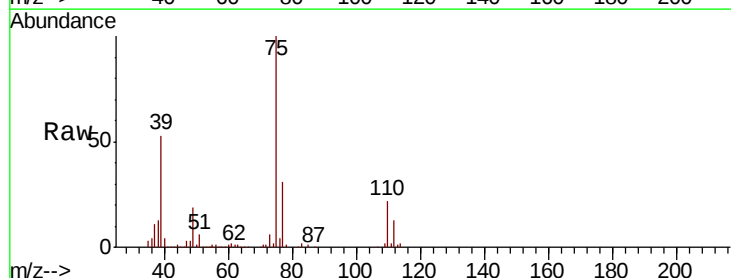
Tgt Ion: 75 Resp: 60562

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 52.7 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

50000

40000

30000

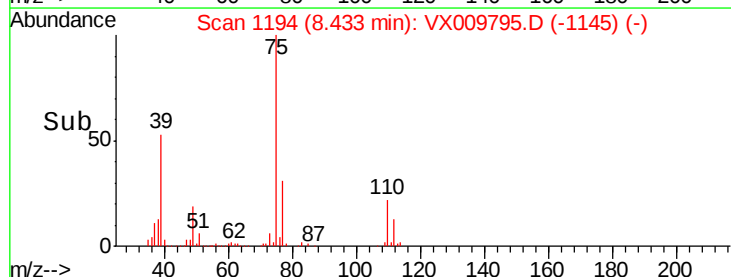
20000

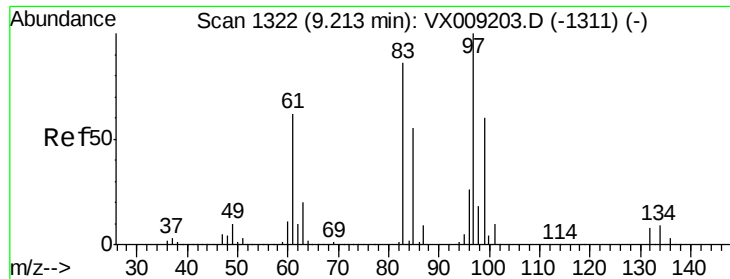
10000

0

8.40 8.50

Time-->

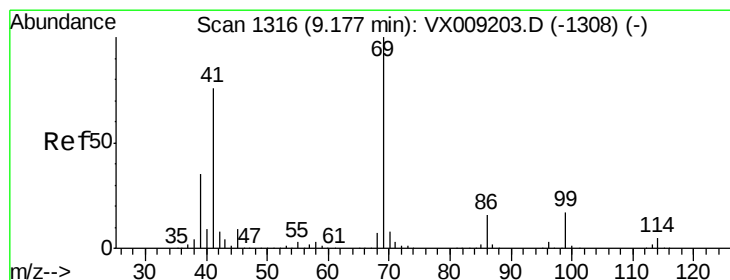
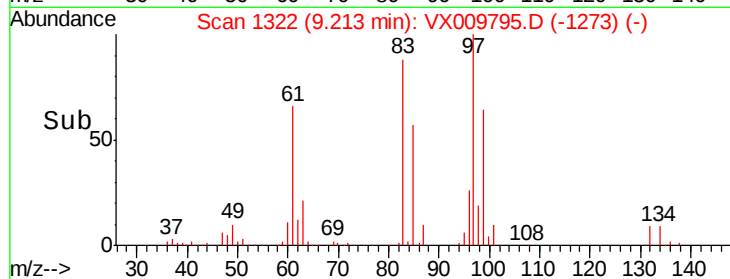
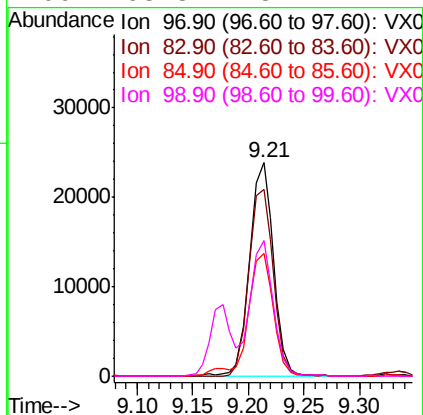
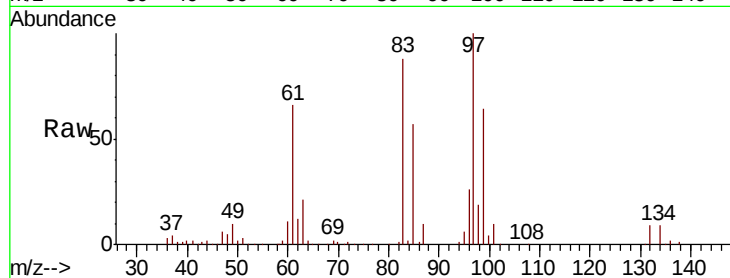




#55
 1,1,2-Trichloroethane
 Concen: 17.437 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

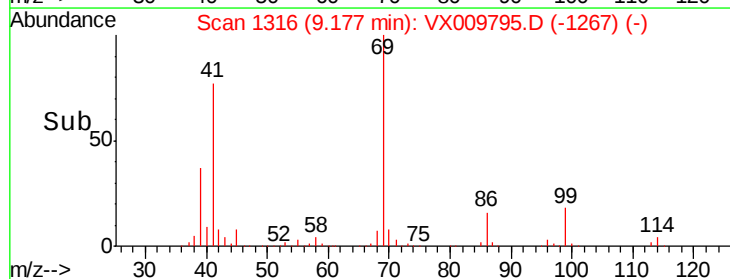
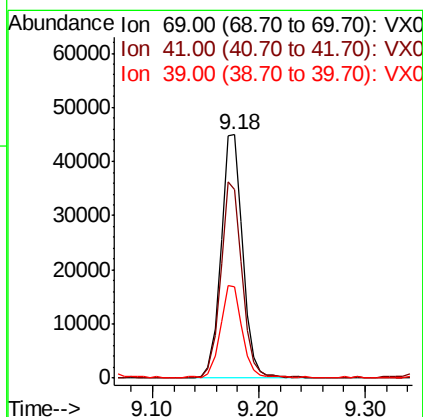
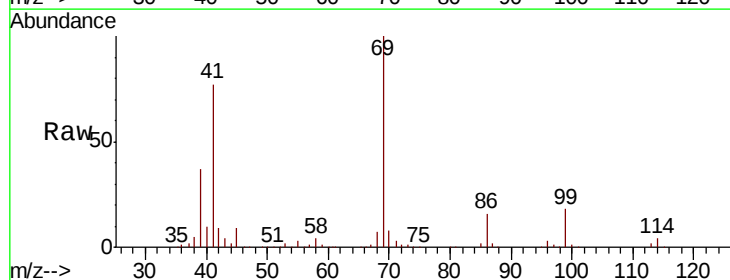
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

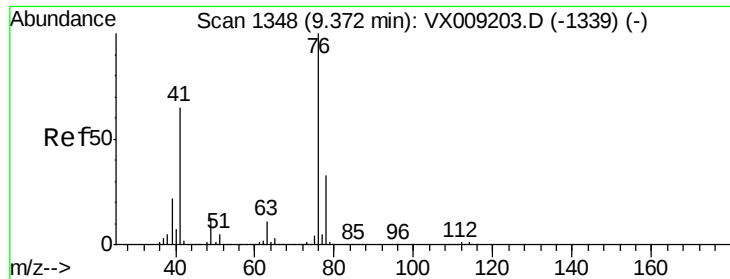
Tot Ion:	97	Resp:	35828
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.9	103.3
85	57.4	43.8	65.6
99	63.8	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 17.506 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion:	69	Resp:	64207
Ion	Ratio	Lower	Upper
69	100		
41	78.6	60.6	90.8
39	37.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.966 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

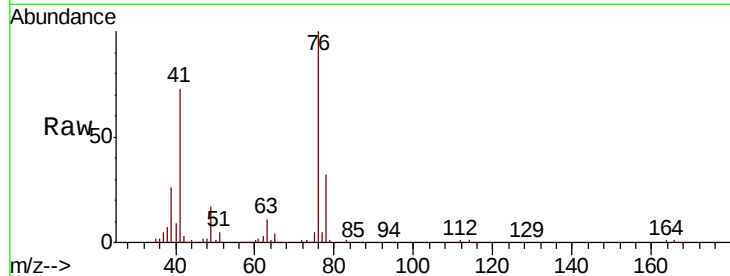
VX0522WBS01

Tot Ion: 76 Resp: 64963

Ion Ratio Lower Upper

76 100

78 31.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

50000

40000

30000

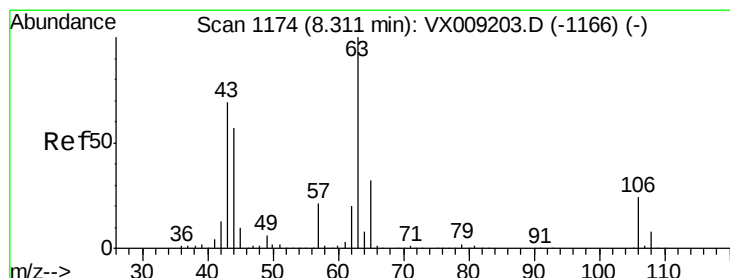
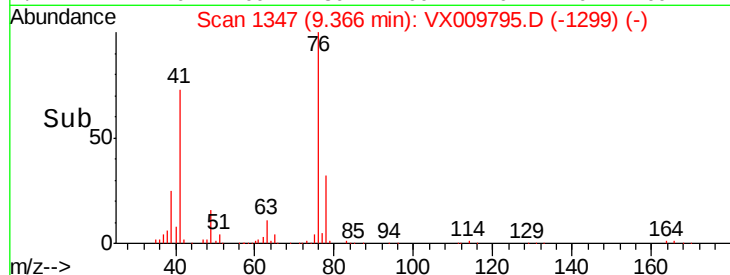
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 86.723 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009795.D

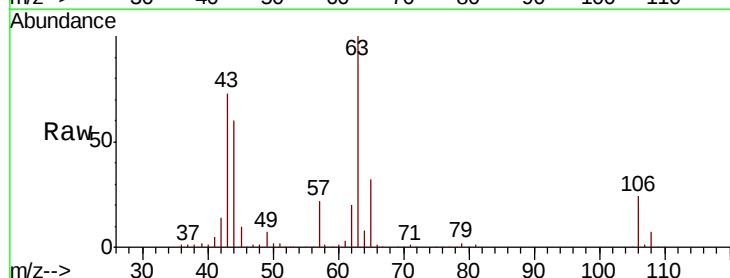
Acq: 22 May 2019 11:40

Tgt Ion: 63 Resp: 168741

Ion Ratio Lower Upper

63 100

106 24.2 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

60000

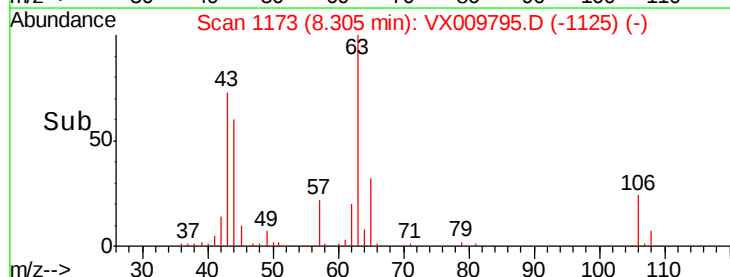
40000

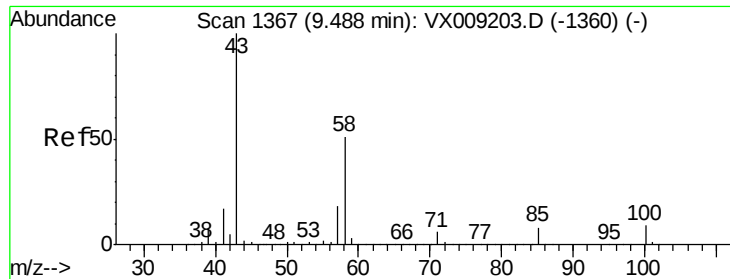
20000

0

8.20 8.30 8.40

Time-->

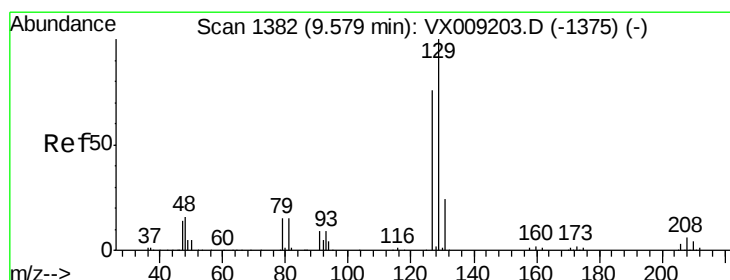
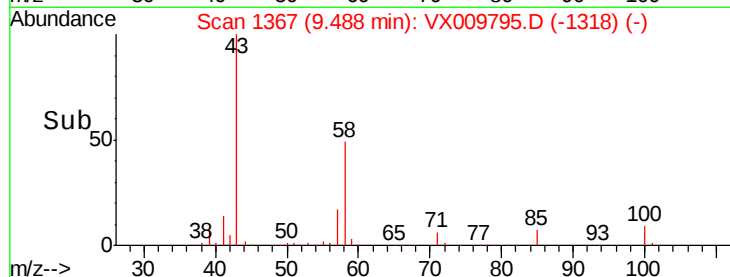
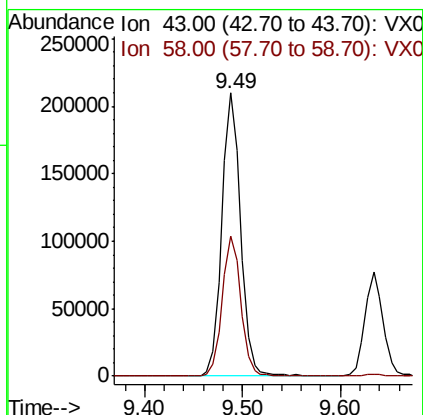
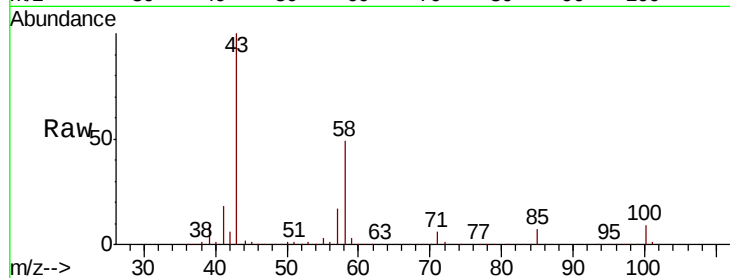




#59
2-Hexanone
Concen: 91.130 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

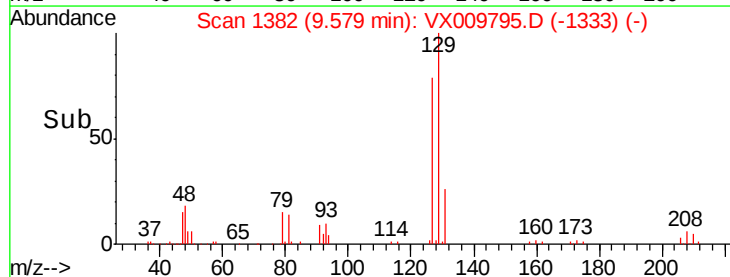
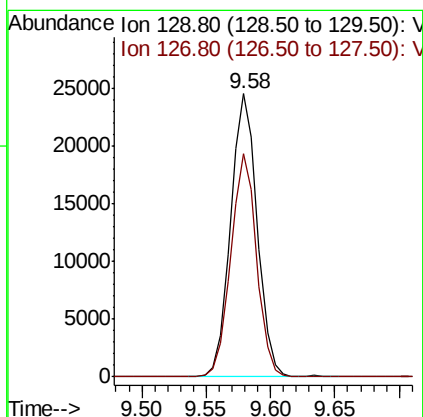
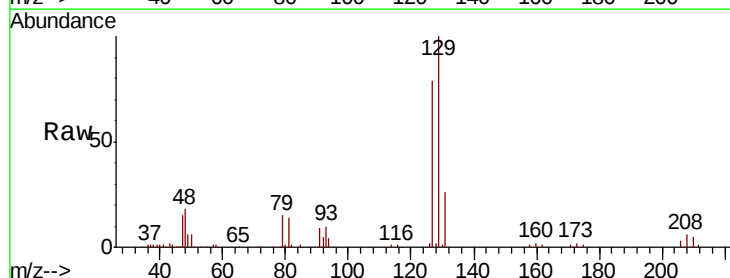
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

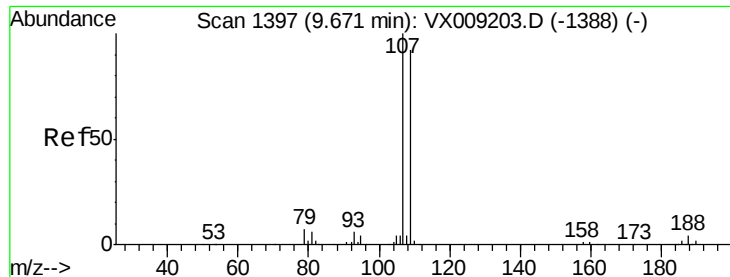
Tot Ion: 43 Resp: 279118
Ion Ratio Lower Upper
43 100
58 49.5 25.9 77.7



#60
Dibromochloromethane
Concen: 17.611 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 129 Resp: 35343
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

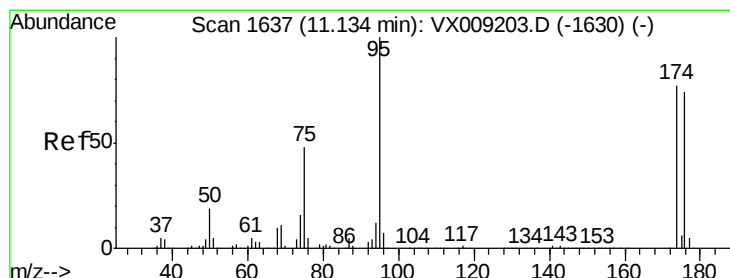
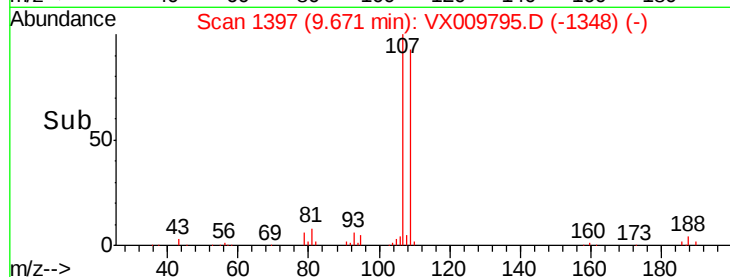
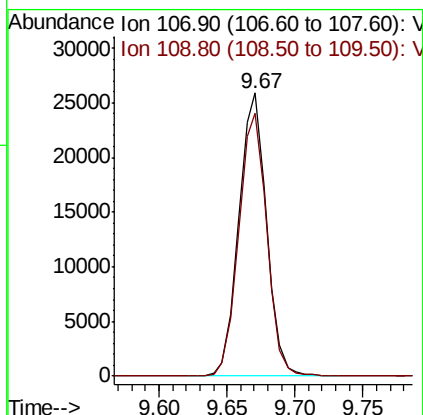
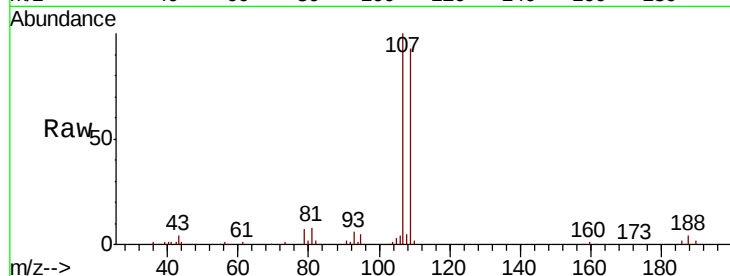




#61
 1,2-Dibromoethane
 Concen: 17.721 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

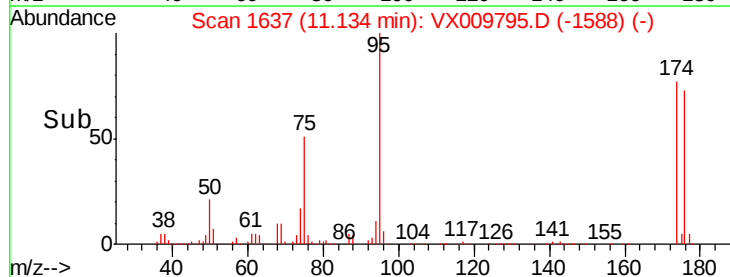
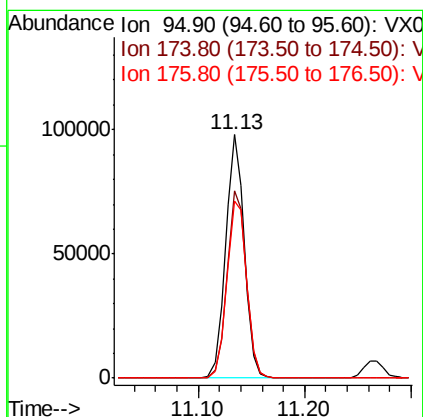
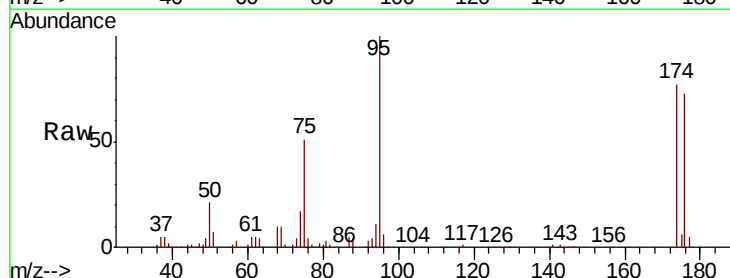
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

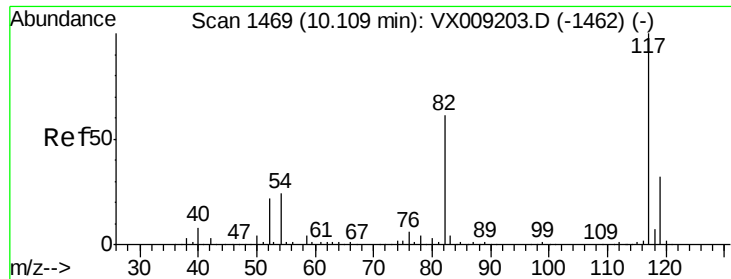
Tot Ion:107 Resp: 36756
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 45.073 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 95 Resp: 119744
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 161.6
 176 77.6 0.0 159.2

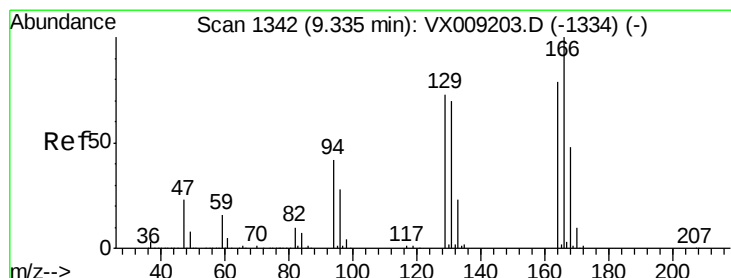
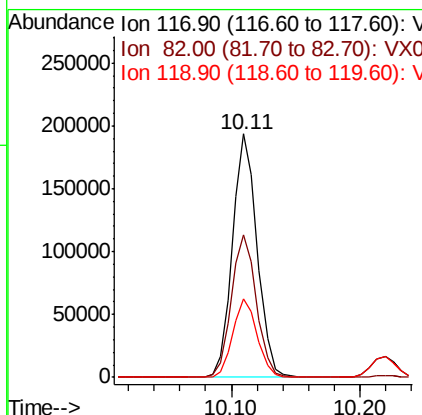
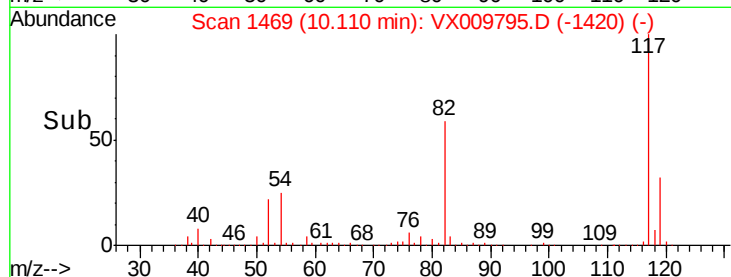
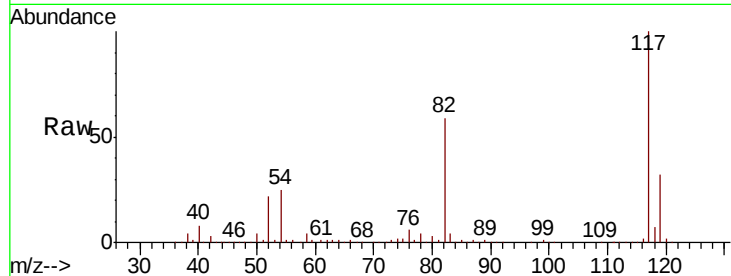




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

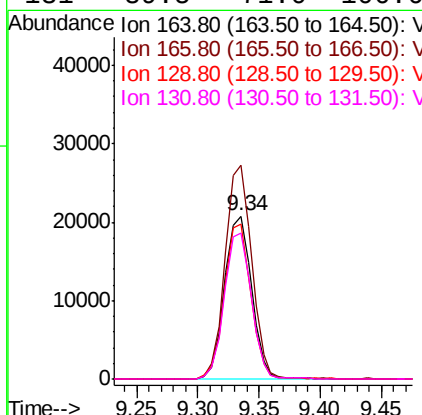
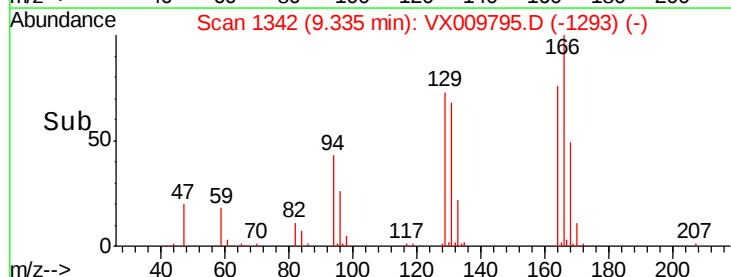
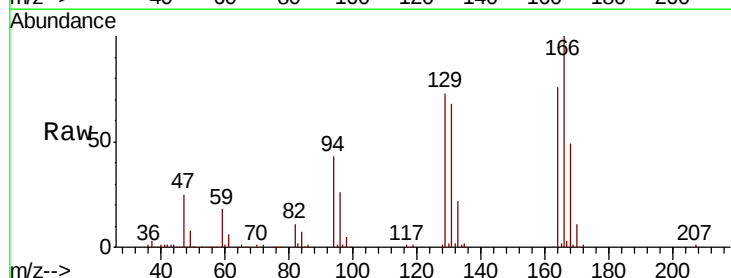
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

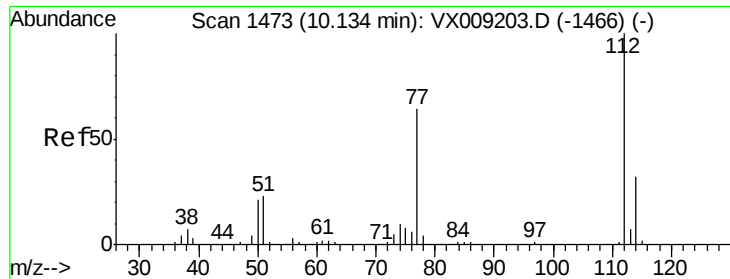
Tot Ion:117 Resp: 258676
Ion Ratio Lower Upper
117 100
82 58.6 48.8 73.2
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 17.999 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion:164 Resp: 31938
Ion Ratio Lower Upper
164 100
166 130.9 101.2 151.8
129 95.0 74.3 111.5
131 89.5 71.0 106.6

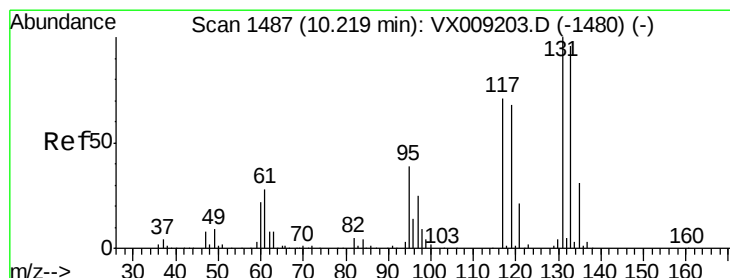
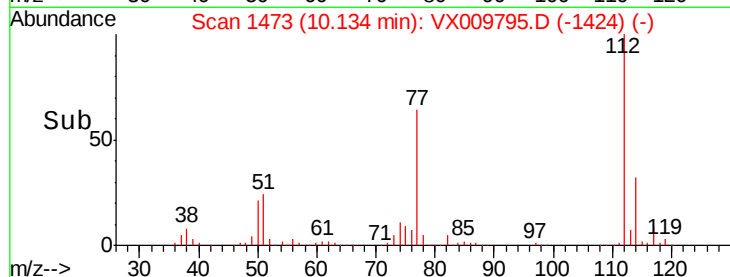
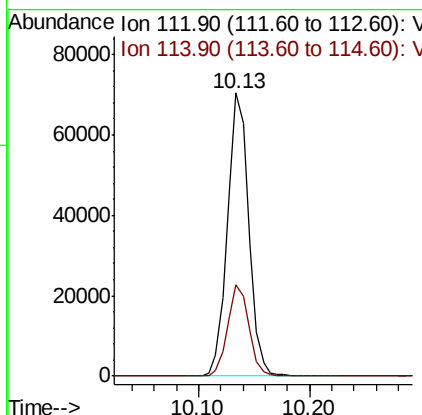
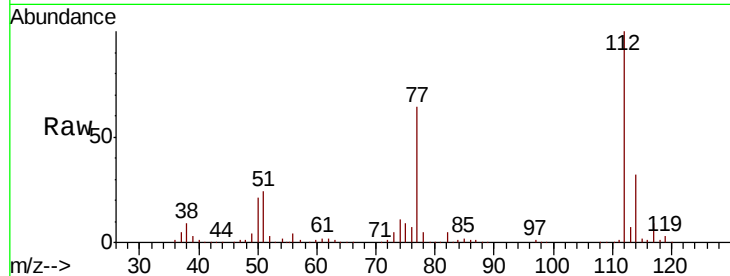




#65
Chlorobenzene
Concen: 18.051 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

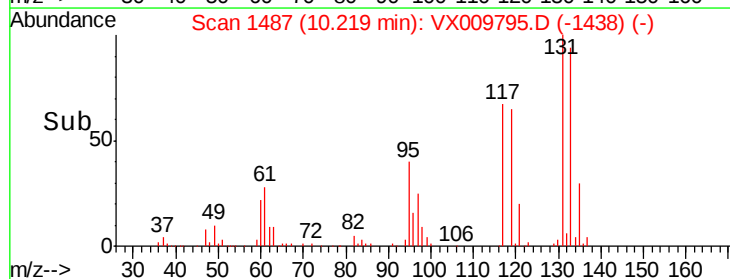
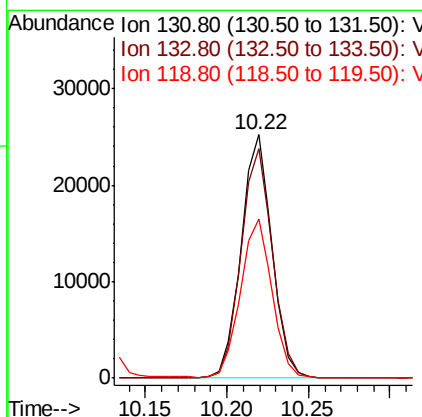
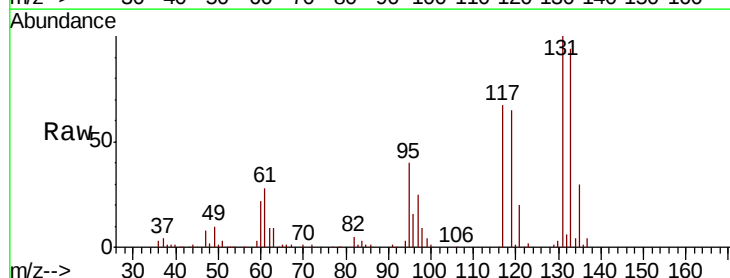
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

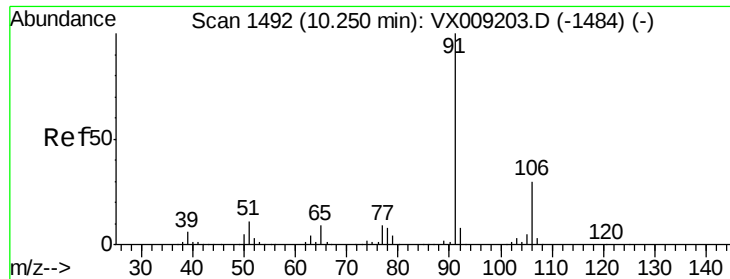
Tot Ion:112 Resp: 93408
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 17.669 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion:131 Resp: 33148
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 67.2 33.5 100.4





#67

Ethyl Benzene

Concen: 18.294 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

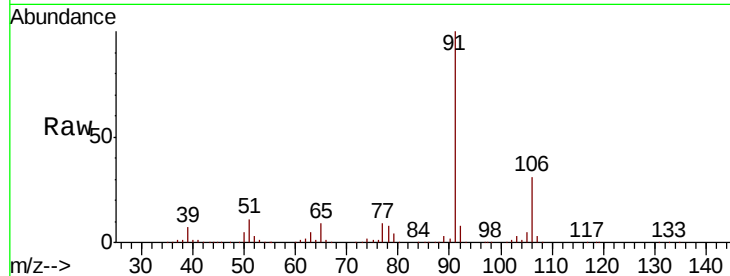
VX0522WBS01

Tot Ion: 91 Resp: 174217

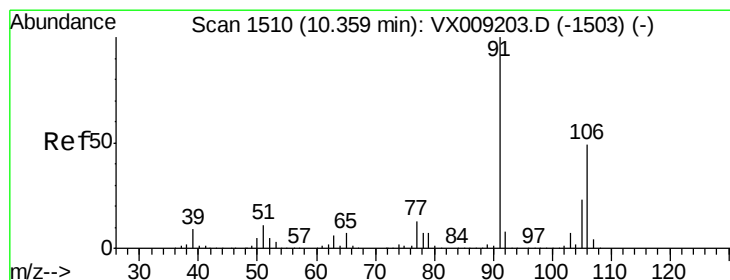
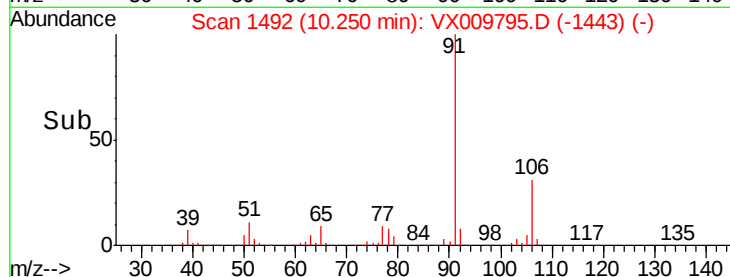
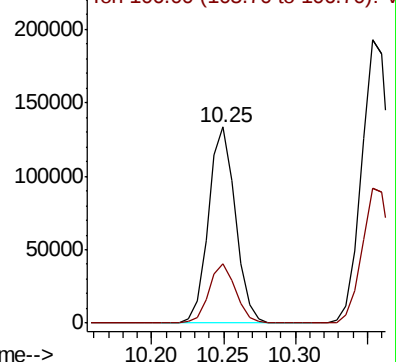
Ion Ratio Lower Upper

91 100

106 30.6 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)



#68

m/p-Xylenes

Concen: 36.629 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009795.D

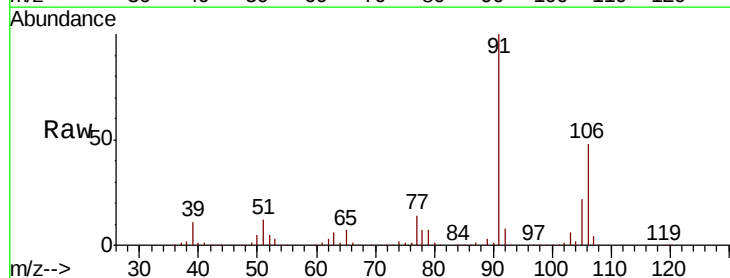
Acq: 22 May 2019 11:40

Tgt Ion: 106 Resp: 127474

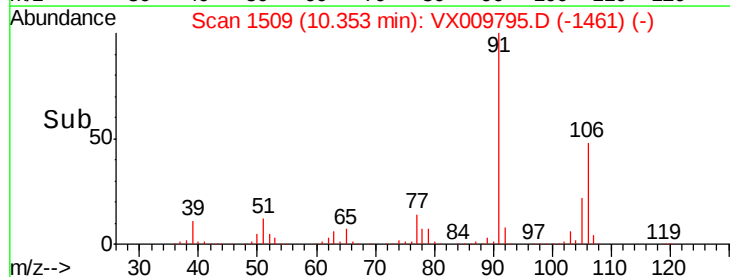
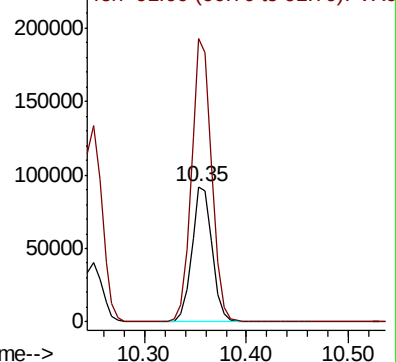
Ion Ratio Lower Upper

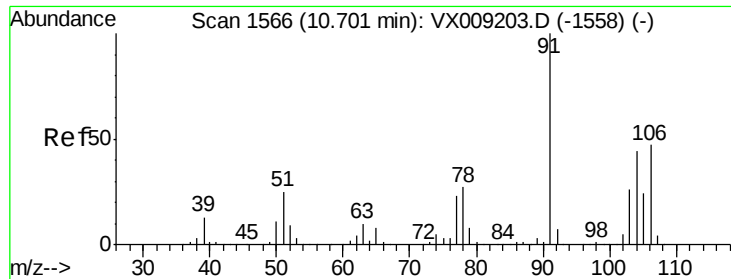
106 100

91 209.0 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

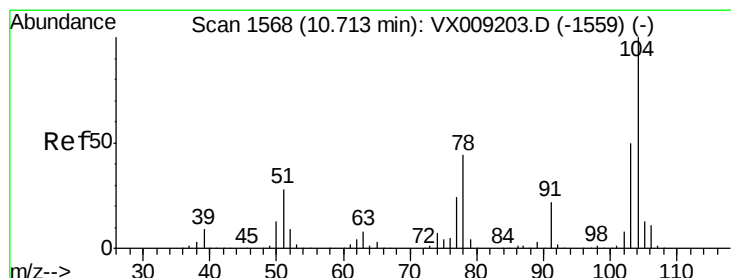
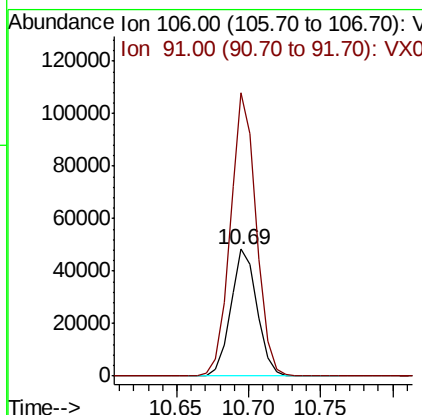
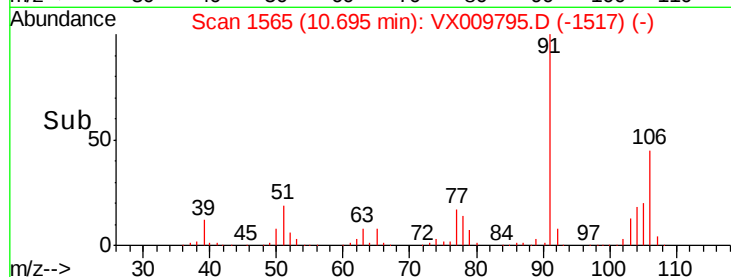
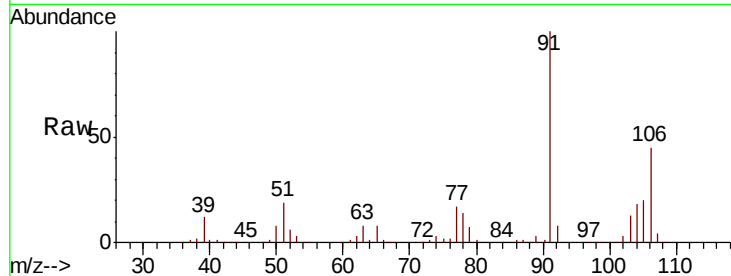




#69
o-Xylene
Concen: 18.117 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

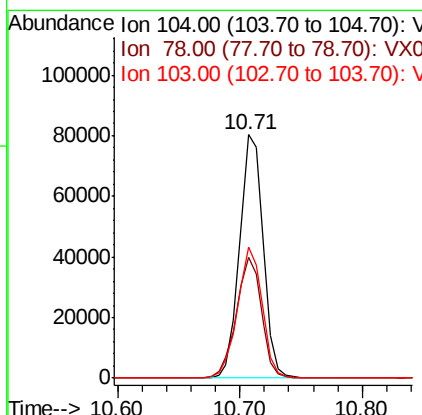
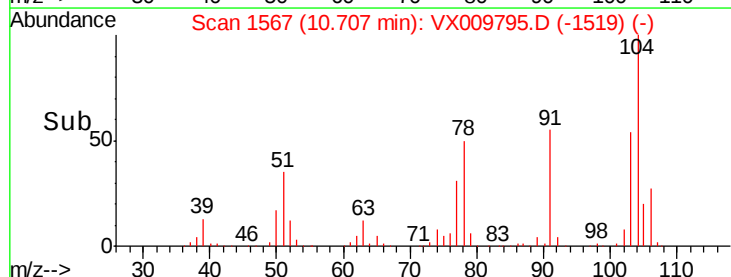
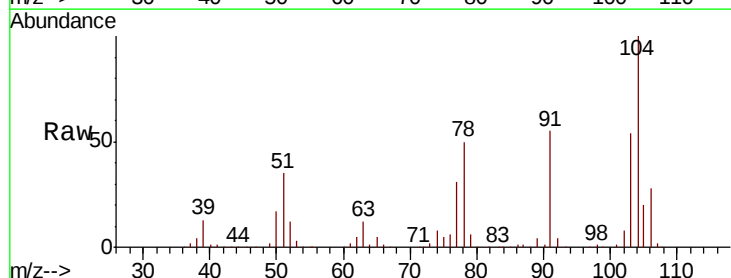
Instrument :
MSVOA_X
ClientSampled :
VX0522WBS01

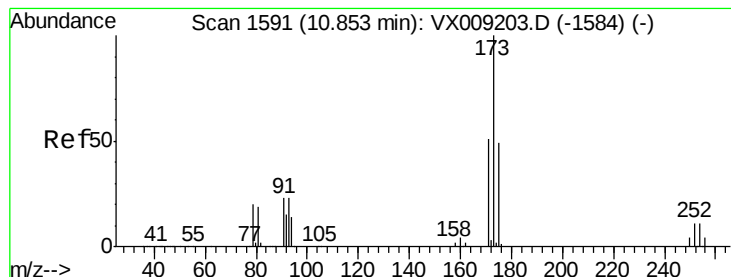
Tot Ion:106 Resp: 62208
Ion Ratio Lower Upper
106 100
91 217.9 109.5 328.4



#70
Styrene
Concen: 17.909 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion:104 Resp: 106879
Ion Ratio Lower Upper
104 100
78 53.0 41.0 61.4
103 56.4 43.8 65.6





#71

Bromoform

Concen: 16.836 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

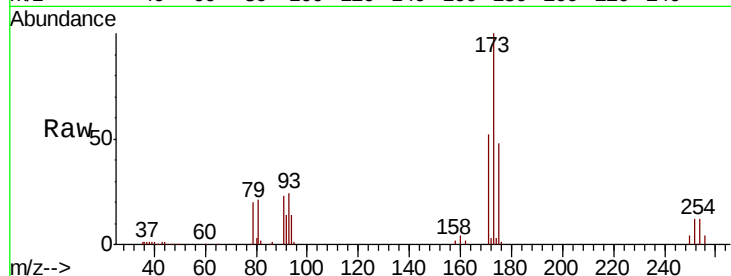
Tot Ion:173 Resp: 25667

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

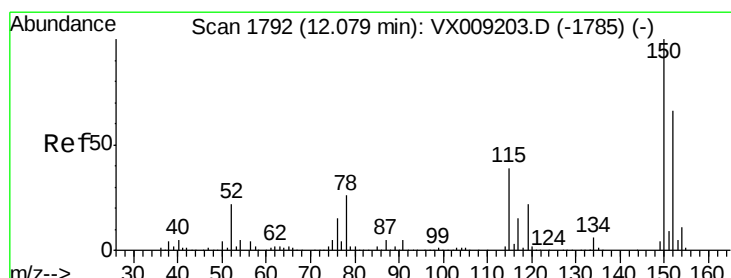
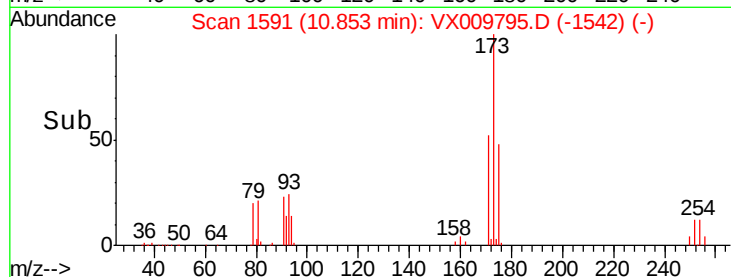
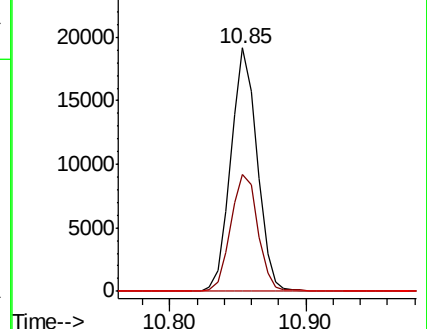
254 0.0 0.1 0.1#



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: VX009795.D

Acq: 22 May 2019 11:40

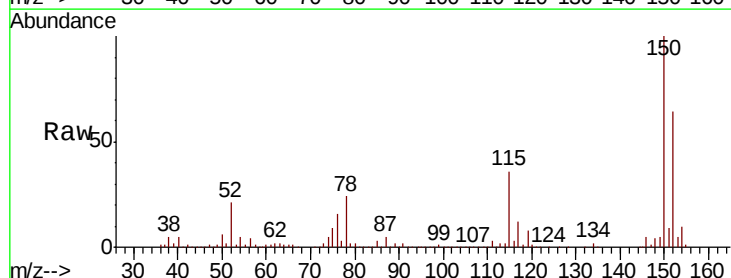
Tgt Ion:152 Resp: 129470

Ion Ratio Lower Upper

152 100

115 66.5 41.2 123.6

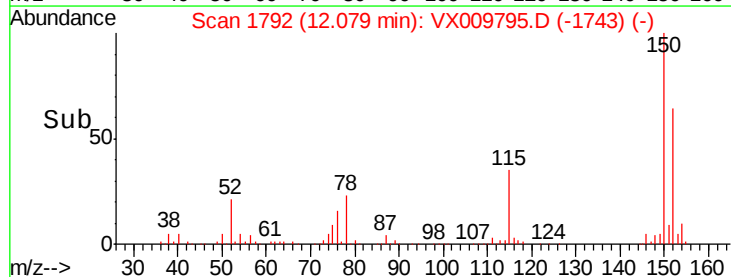
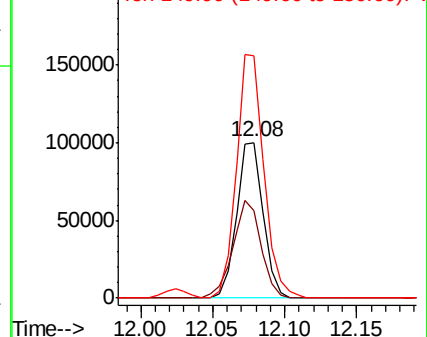
150 161.5 0.0 346.4

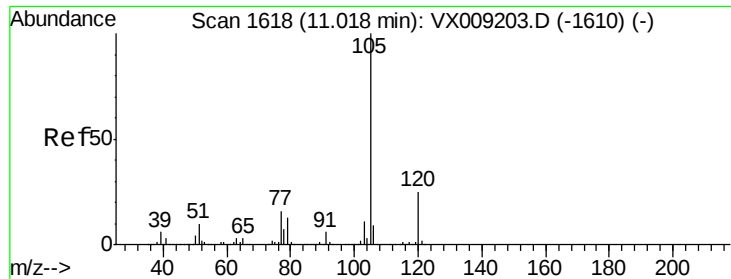


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.973 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

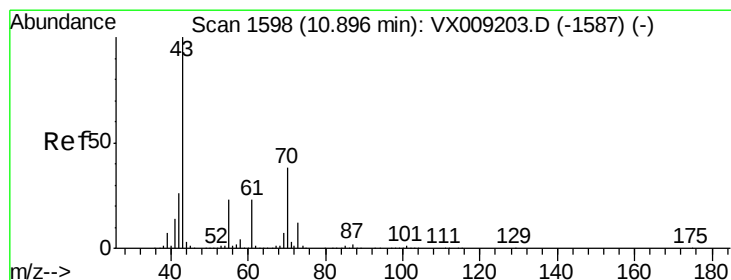
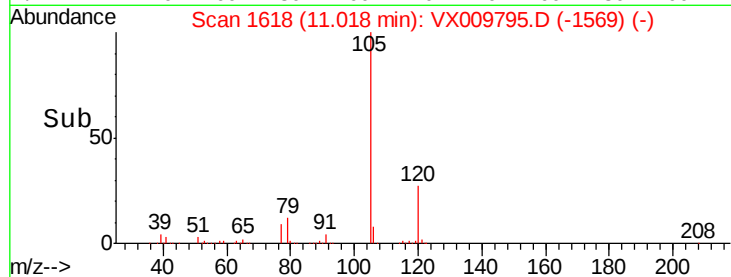
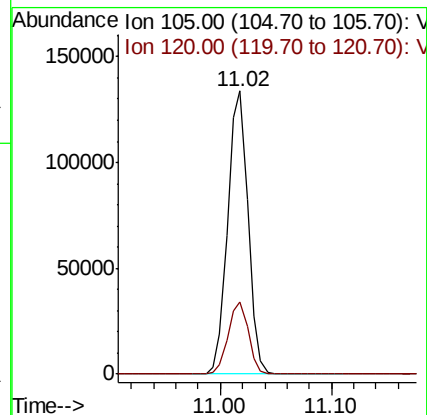
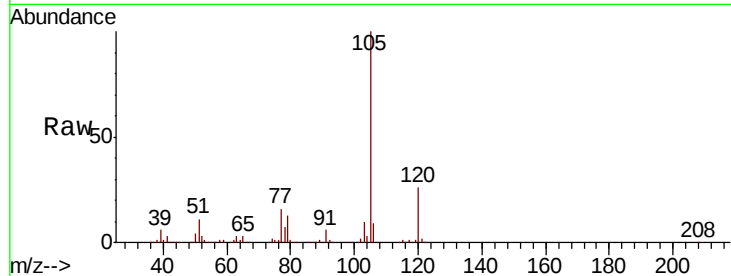
VX0522WBS01

Tot Ion:105 Resp: 169210

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 17.349 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion: 43 Resp: 95228

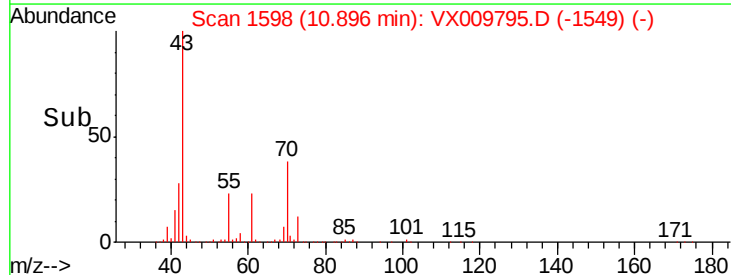
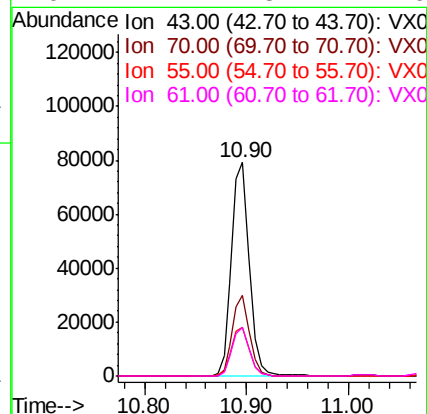
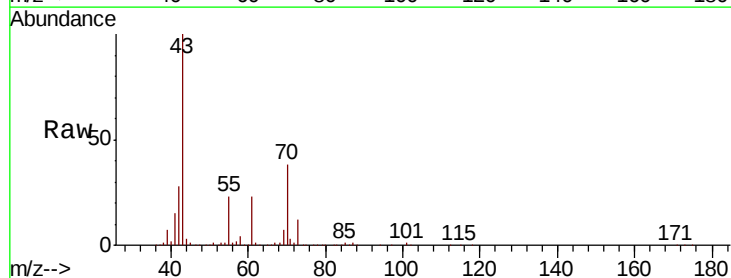
Ion Ratio Lower Upper

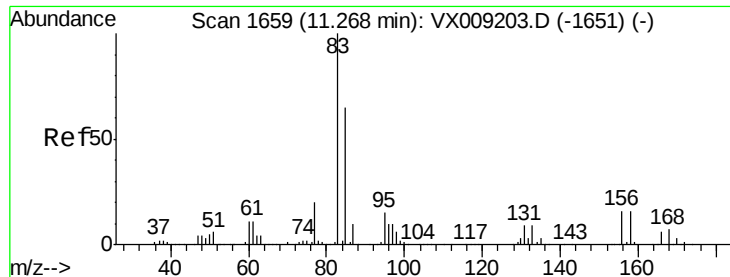
43 100

70 36.6 30.0 45.0

55 23.1 17.9 26.9

61 22.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.188 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

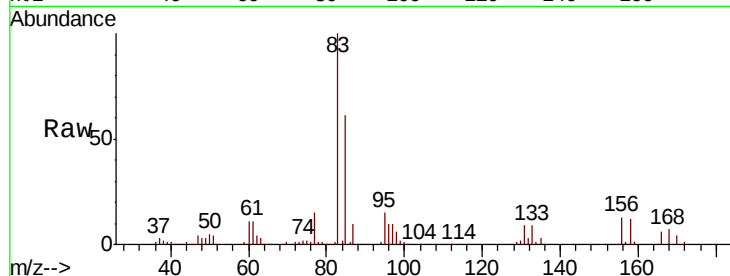
Tot Ion: 83 Resp: 60327

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.6	13.8
85	63.0	32.0	96.2

83 100

131 9.5 4.6 13.8

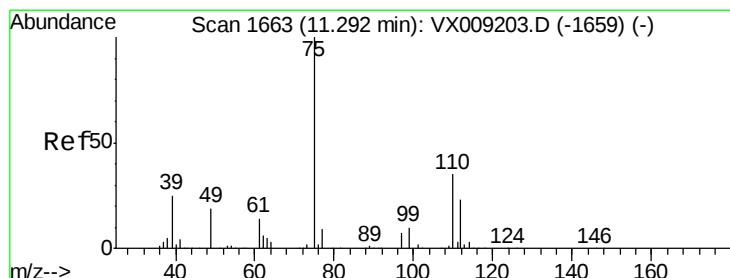
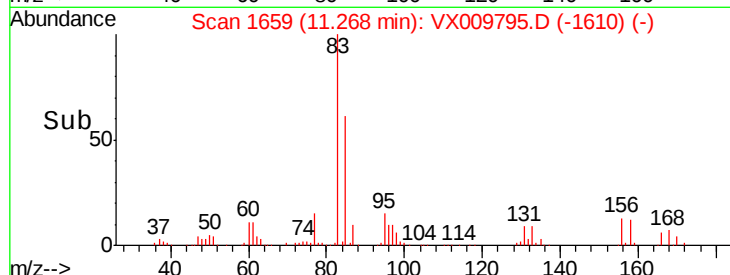
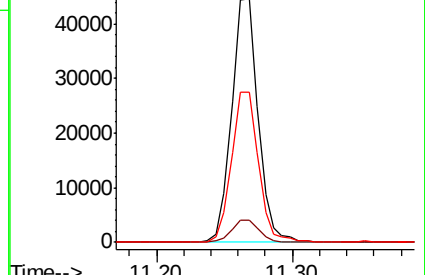
85 63.0 32.0 96.2



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: 22.971 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009795.D

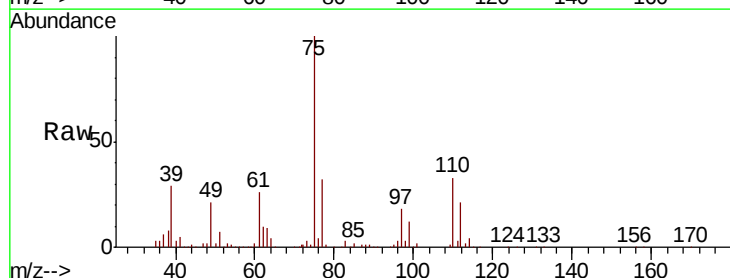
Acq: 22 May 2019 11:40

Tgt Ion: 75 Resp: 68988

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.1	66.1

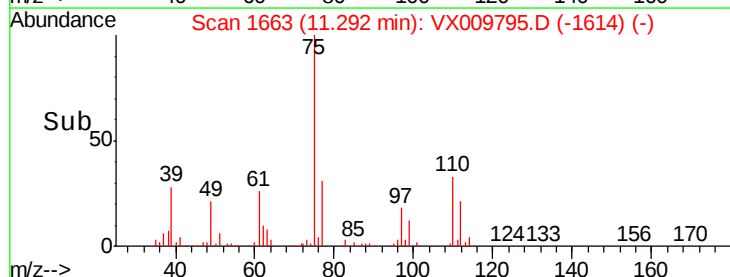
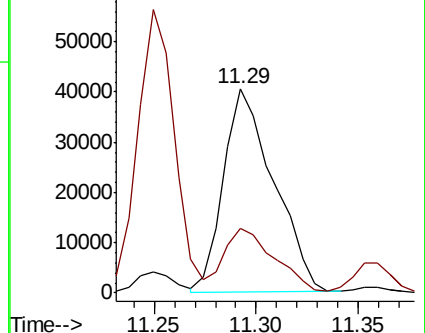
75 100

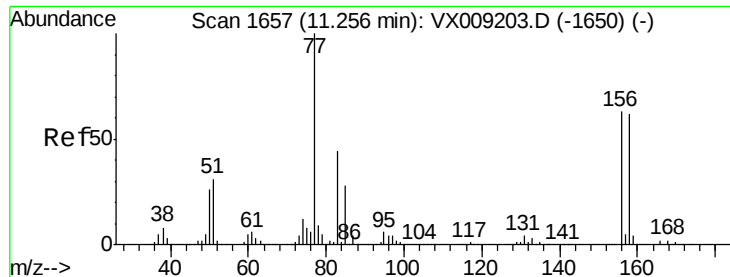
77 32.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.764 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

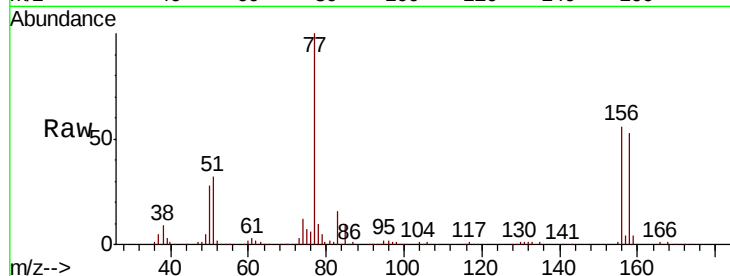
Tot Ion:156 Resp: 41512

Ion Ratio Lower Upper

156 100

77 169.7 84.8 254.3

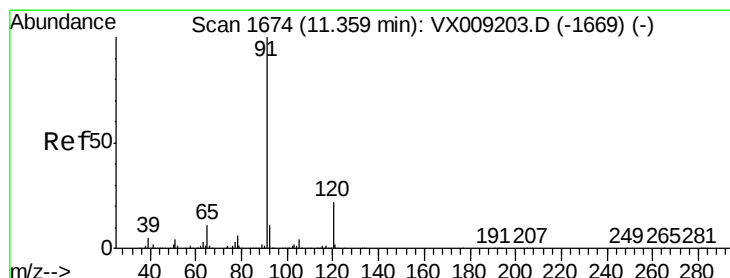
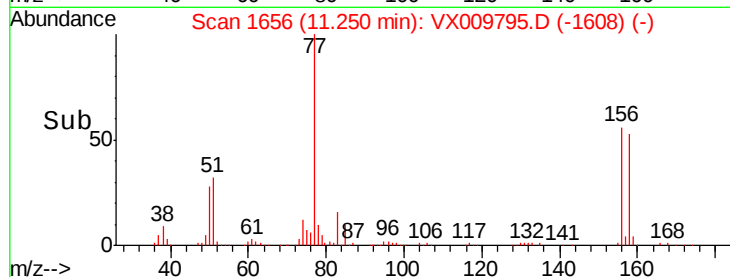
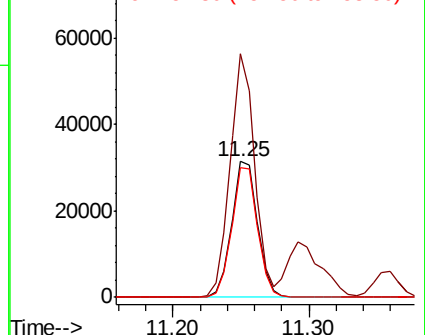
158 95.0 49.1 147.3



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: 18.116 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009795.D

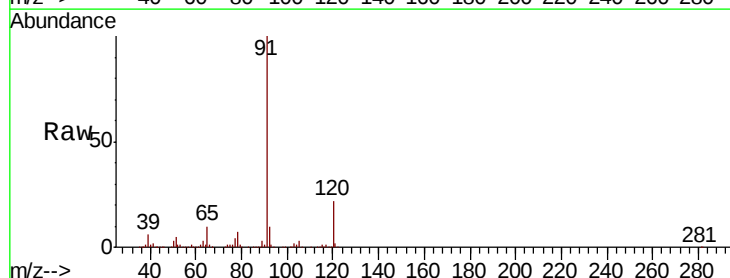
Acq: 22 May 2019 11:40

Tgt Ion: 91 Resp: 194786

Ion Ratio Lower Upper

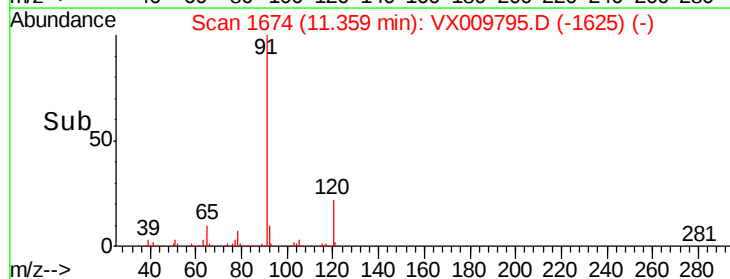
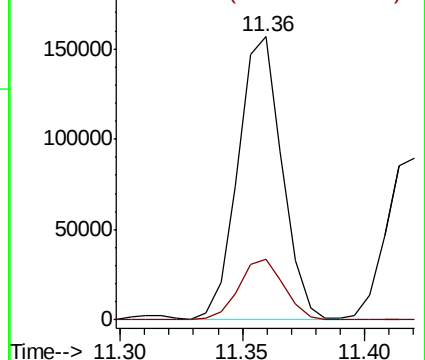
91 100

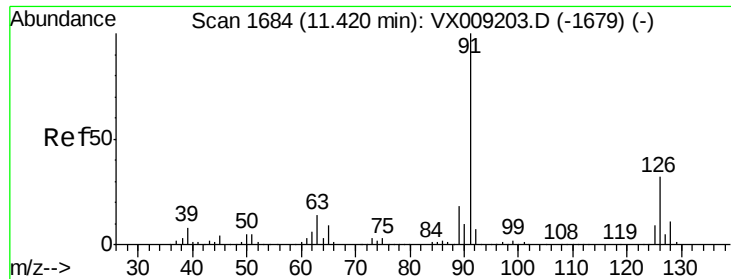
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

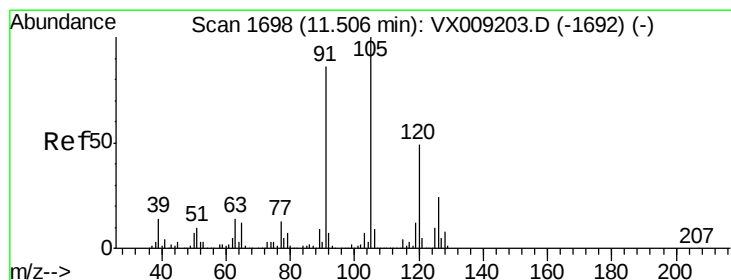
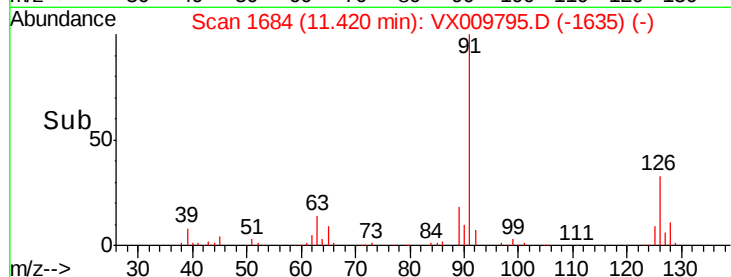
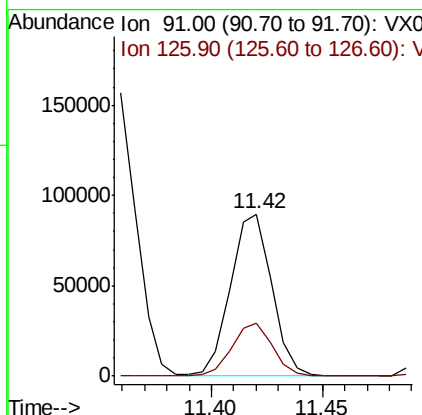
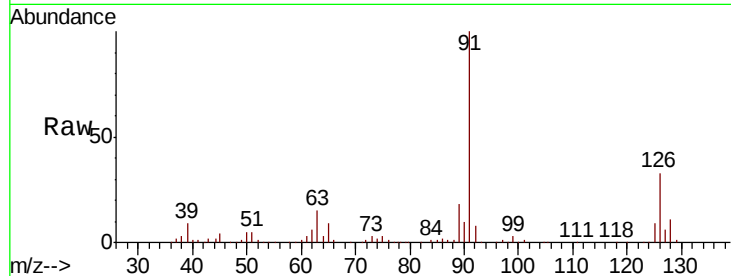




#79
 2-Chlorotoluene
 Concen: 17.333 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

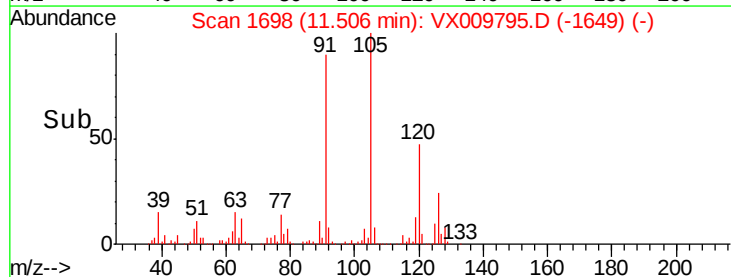
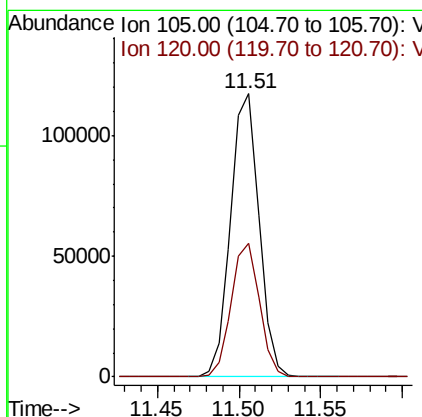
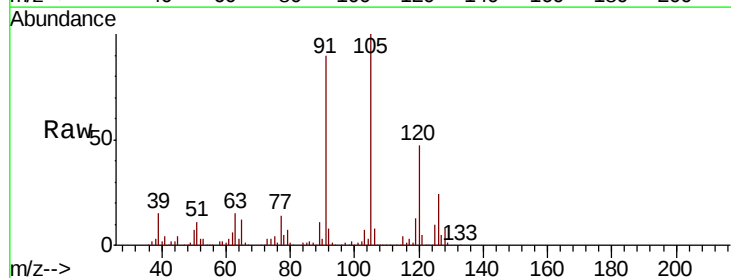
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

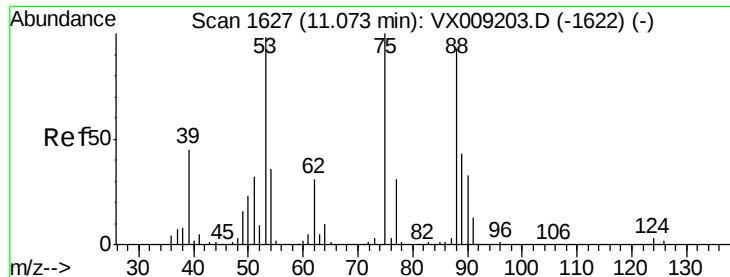
Tot Ion: 91 Resp: 114978
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 17.989 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 105 Resp: 142605
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 16.422 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

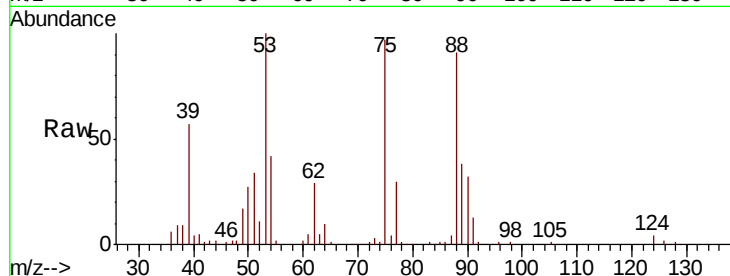
Tot Ion: 75 Resp: 19276

Ion Ratio Lower Upper

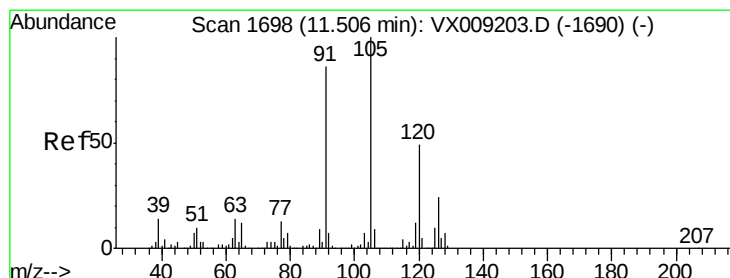
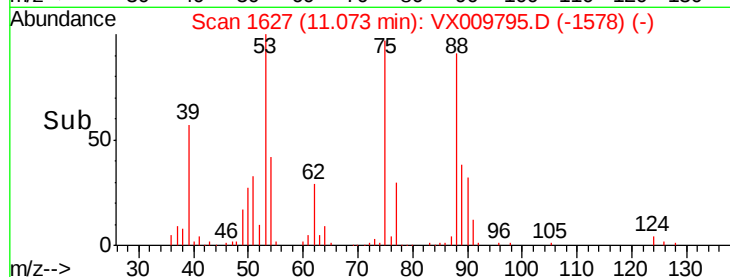
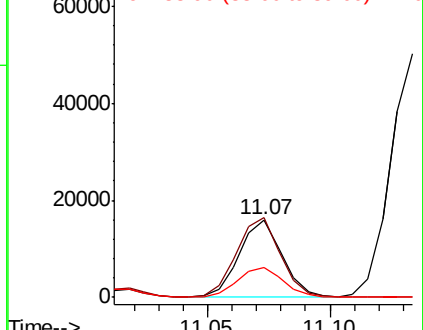
75 100

53 106.4 79.0 118.6

89 42.2 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: 17.942 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009795.D

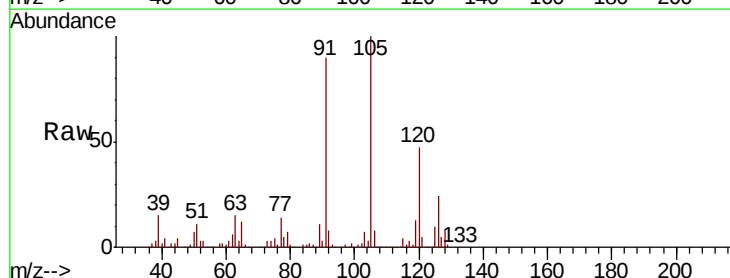
Acq: 22 May 2019 11:40

Tgt Ion: 91 Resp: 134459

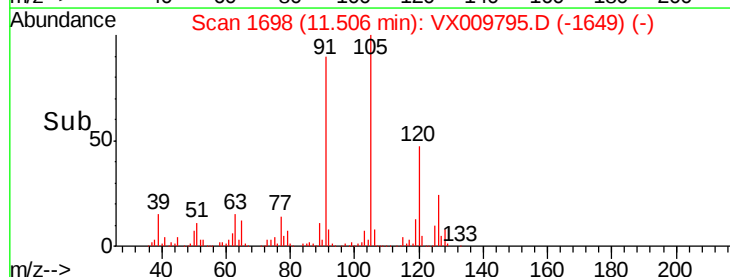
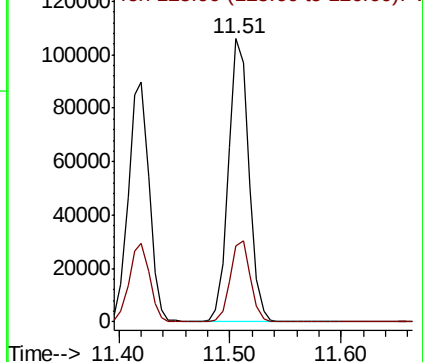
Ion Ratio Lower Upper

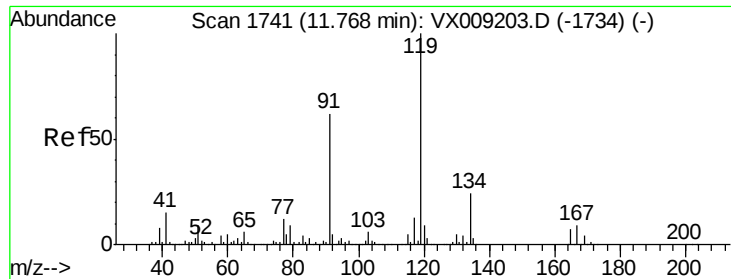
91 100

126 28.2 14.5 43.6



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

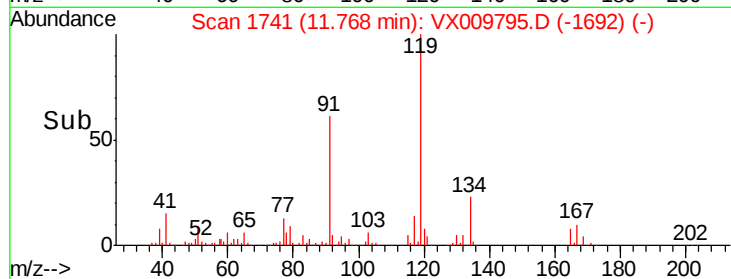
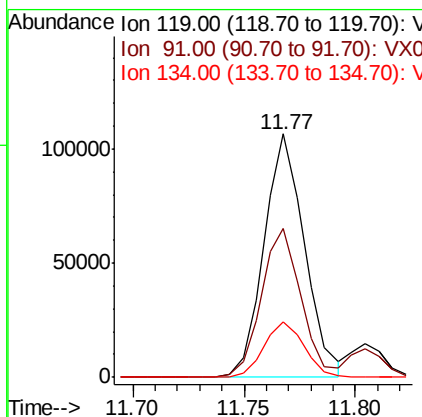
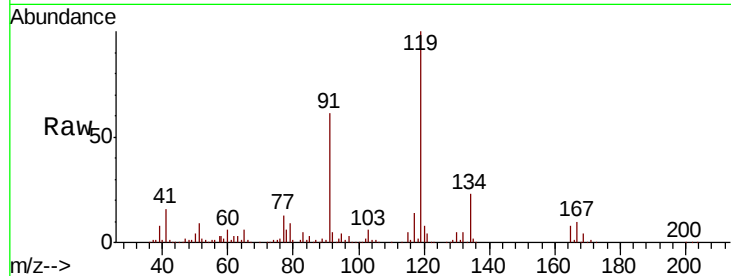




#83
 tert-Butylbenzene
 Concen: 17.463 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

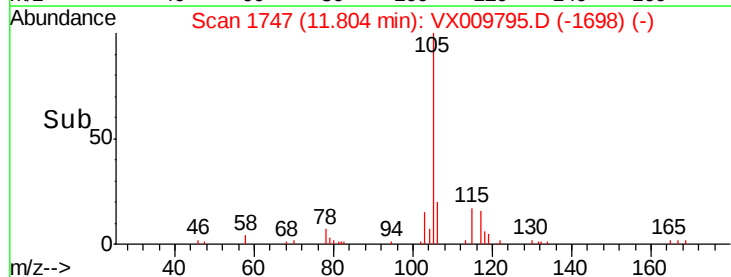
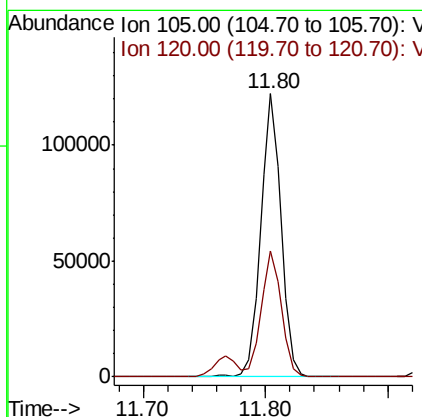
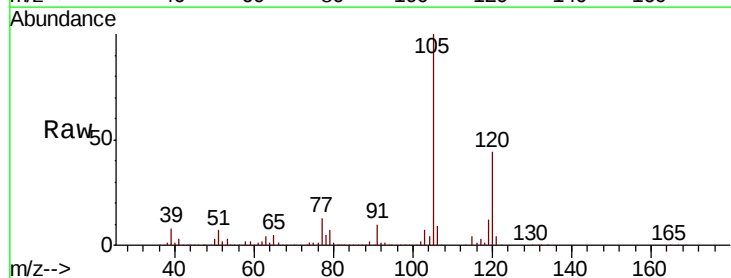
Instrument :
 MSVOA_X
 ClientSampled :
 VX0522WBS01

Tot Ion:119 Resp: 134673
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.5 88.5
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.914 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion:105 Resp: 142543
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.984 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

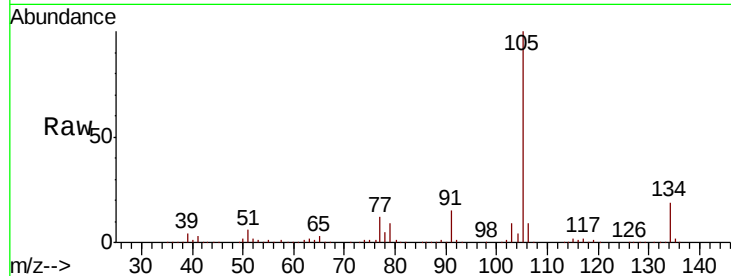
VX0522WBS01

Tot Ion:105 Resp: 164428

Ion Ratio Lower Upper

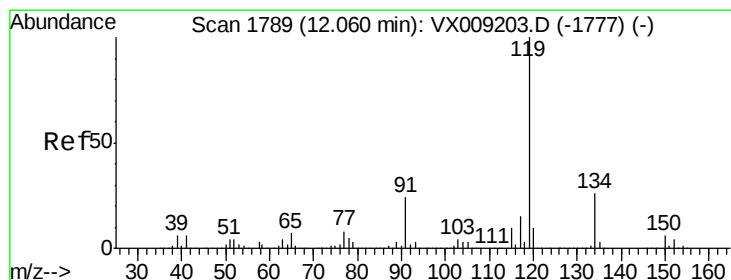
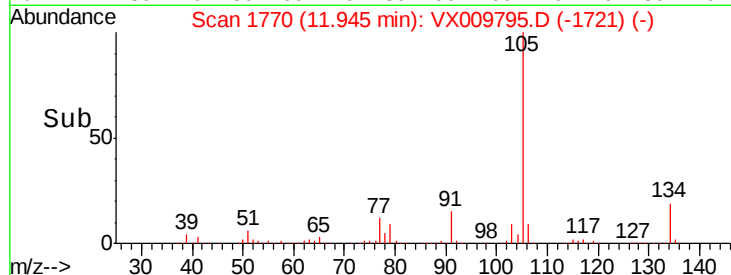
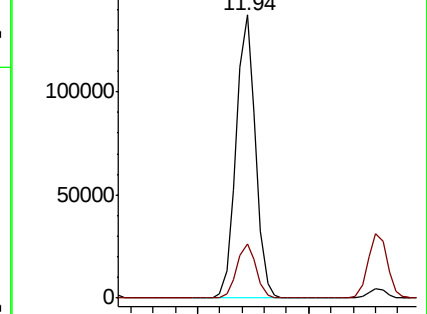
105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.986 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

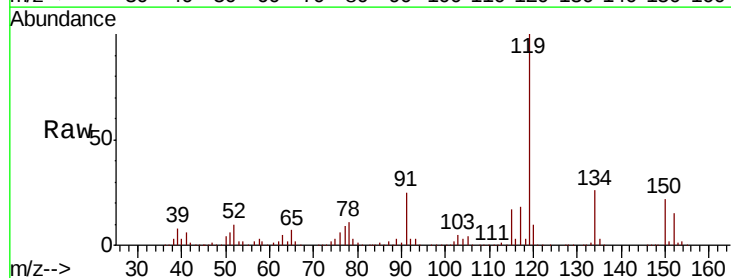
Tgt Ion:119 Resp: 147830

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

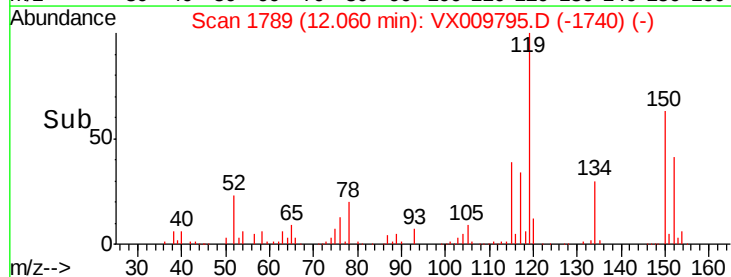
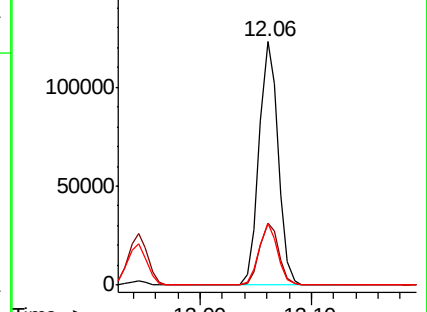
91 24.3 11.8 35.4

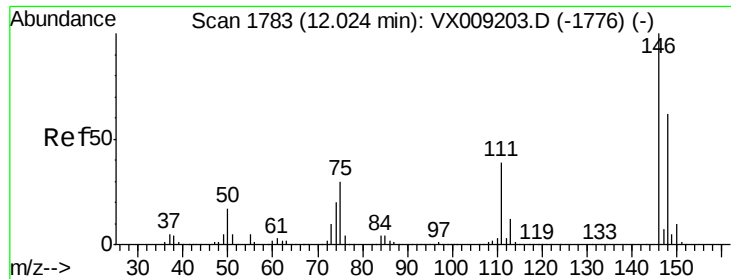


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

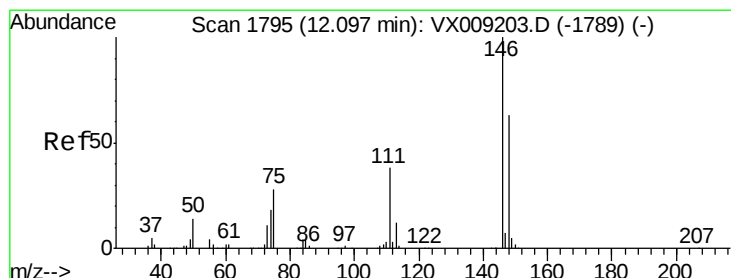
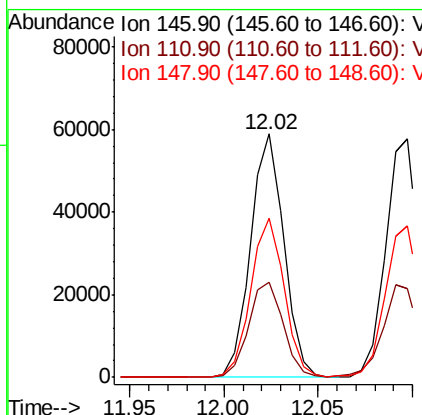
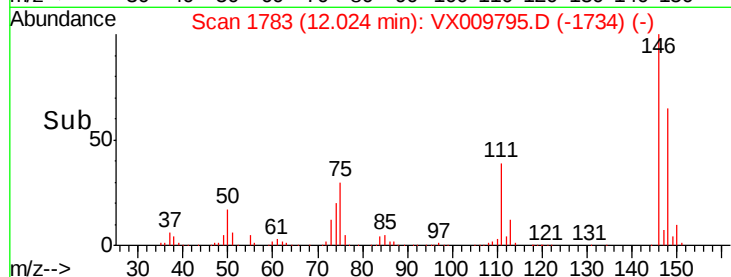
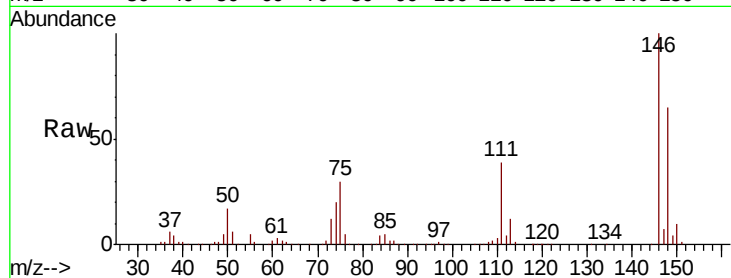




#87
 1,3-Dichlorobenzene
 Concen: 17.383 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

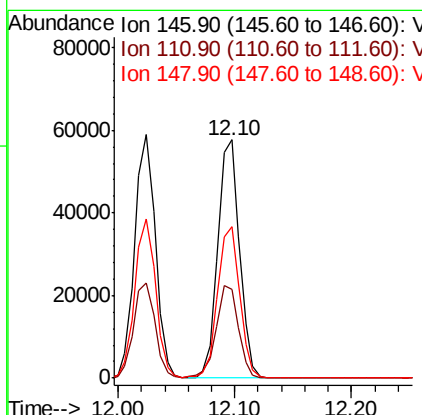
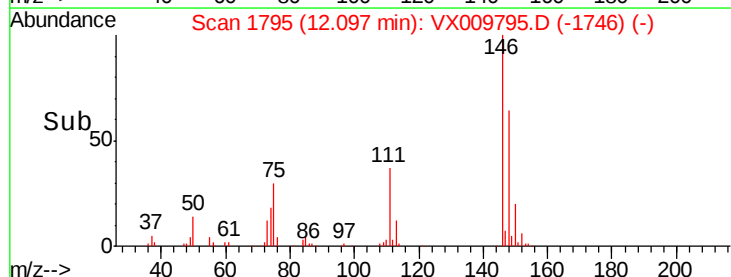
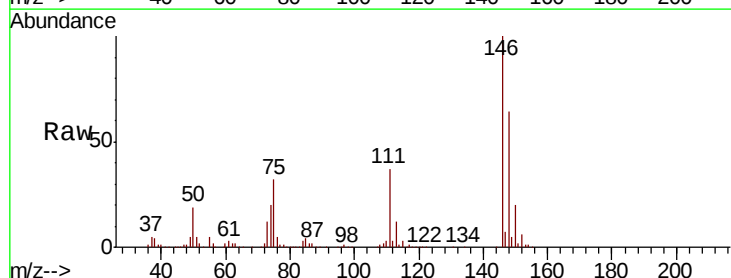
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Tot Ion:146 Resp: 72415
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 59.9
 148 65.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.580 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion:146 Resp: 73832
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.8
 148 64.9 31.8 95.3

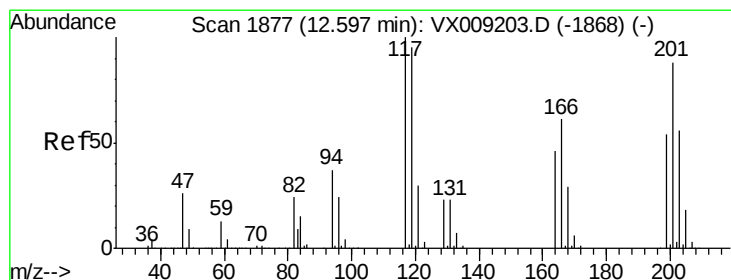
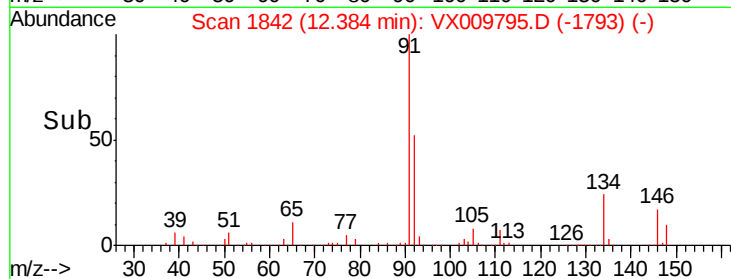
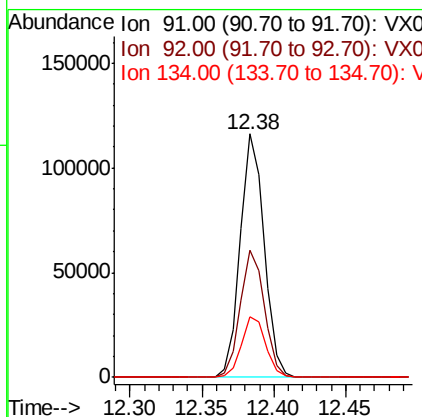
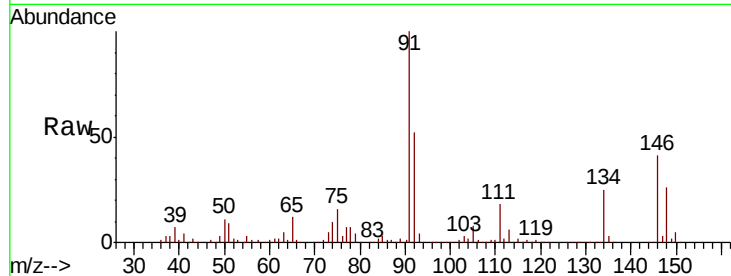




#89
n-Butylbenzene
Concen: 18.116 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

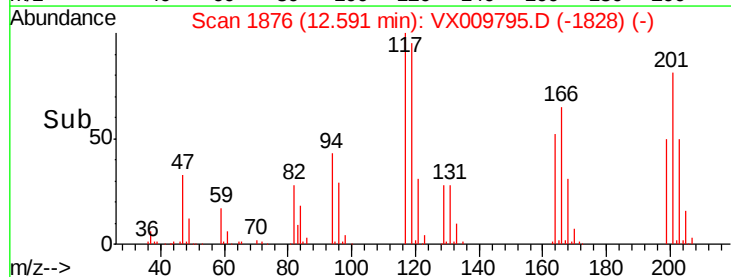
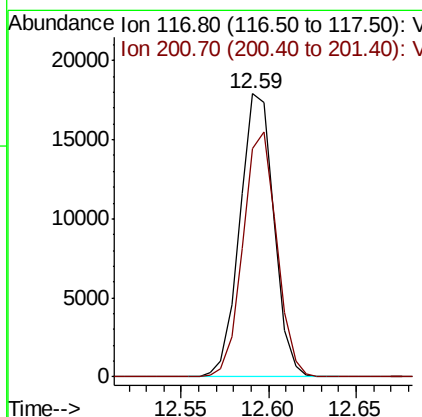
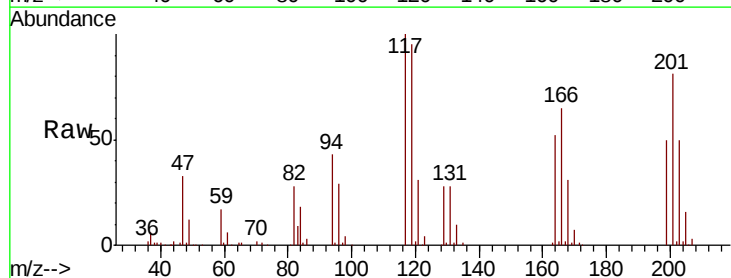
Instrument :
MSVOA_X
ClientSampled :
VX0522WBS01

Tot Ion: 91 Resp: 134583
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 17.312 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 117 Resp: 24242
Ion Ratio Lower Upper
117 100
201 85.5 42.3 126.9

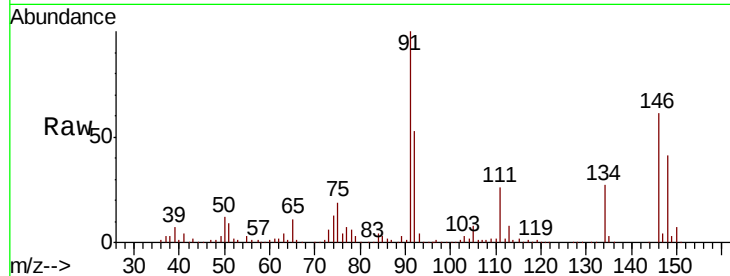




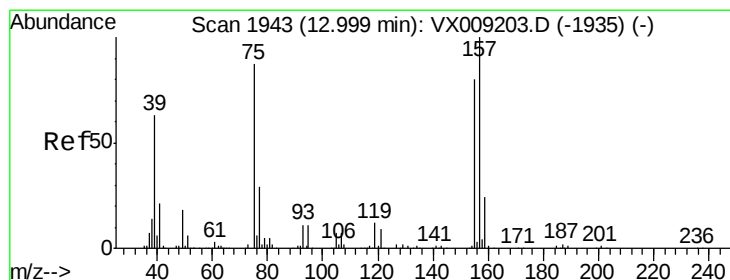
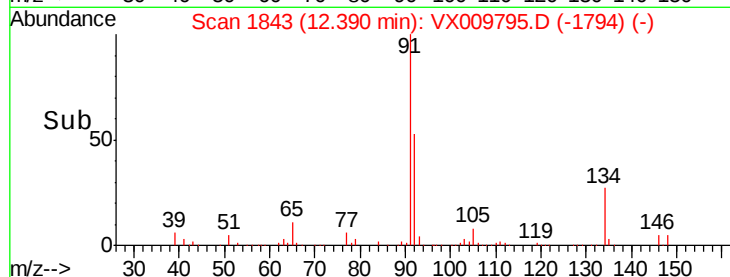
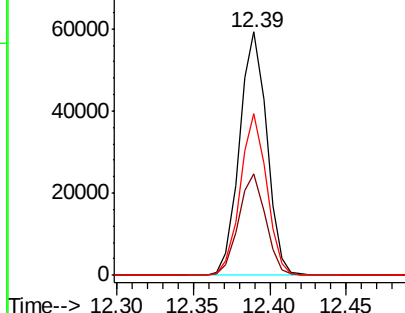
#91
 1,2-Dichlorobenzene
 Concen: 17.310 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Tot Ion:146 Resp: 73448
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 64.4 31.9 95.9

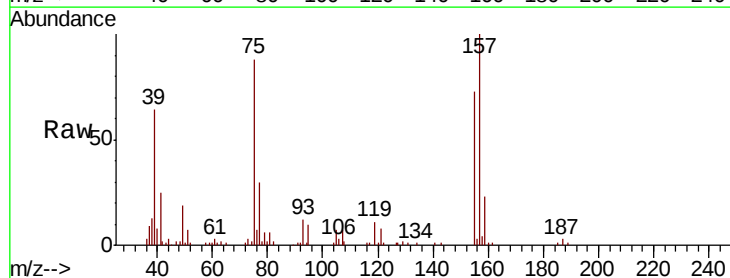


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

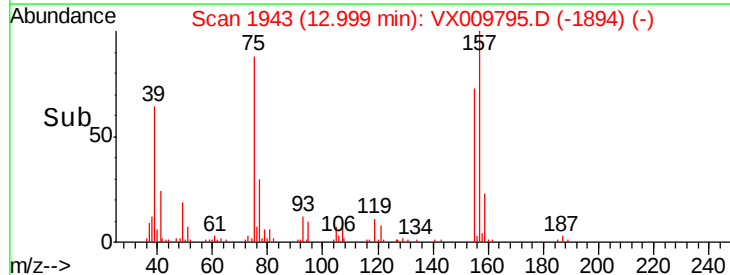
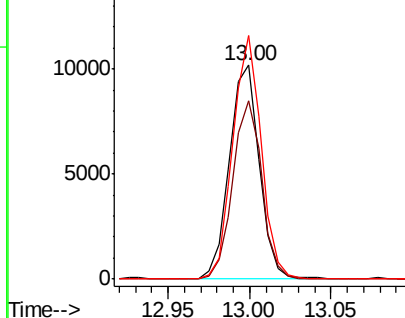


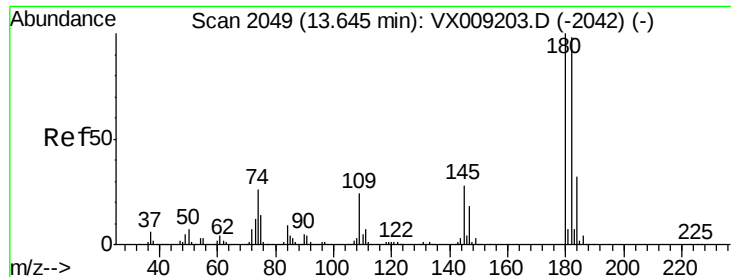
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.471 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 75 Resp: 12968
 Ion Ratio Lower Upper
 75 100
 155 80.5 42.0 126.0
 157 107.5 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

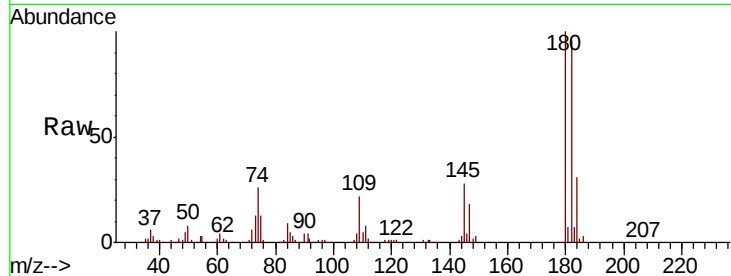




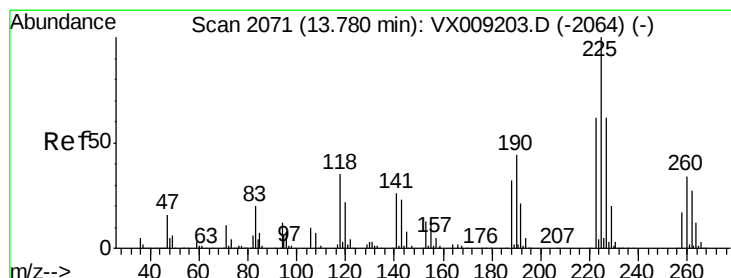
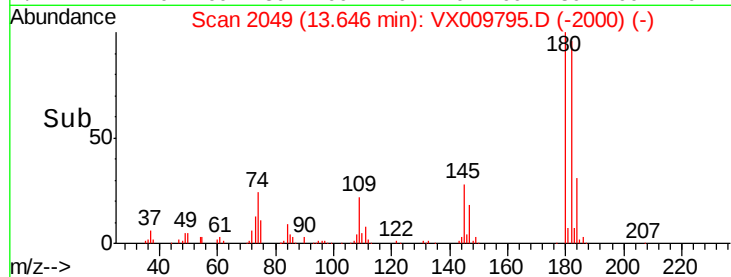
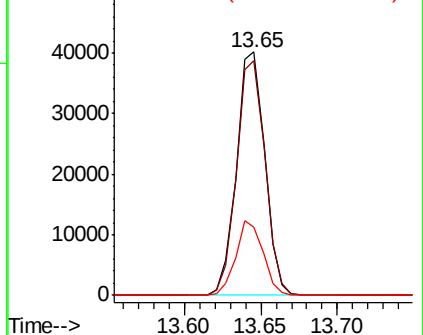
#93
 1,2,4-Trichlorobenzene
 Concen: 17.782 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Tot Ion:180 Resp: 51594
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.4 145.2
 145 29.6 14.6 43.8

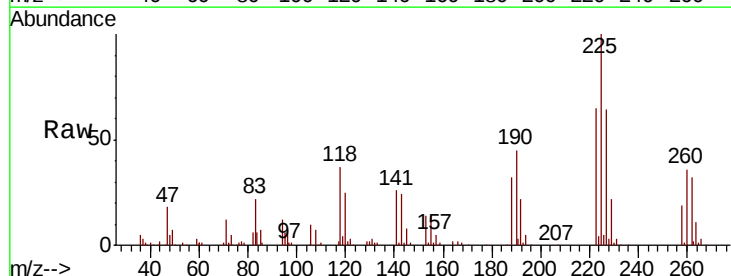


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

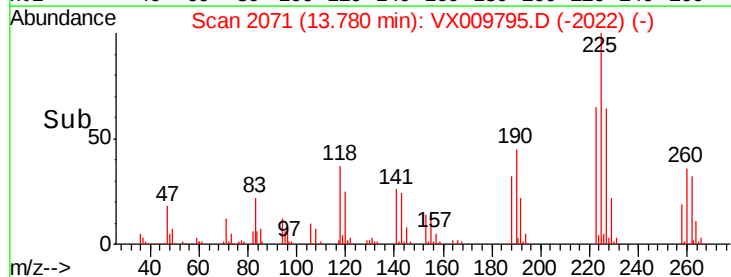
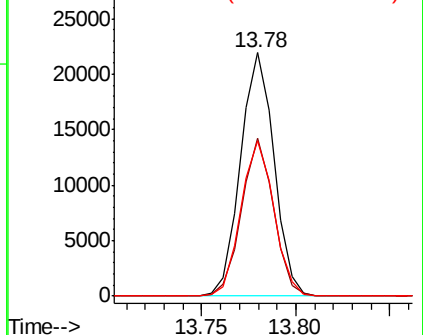


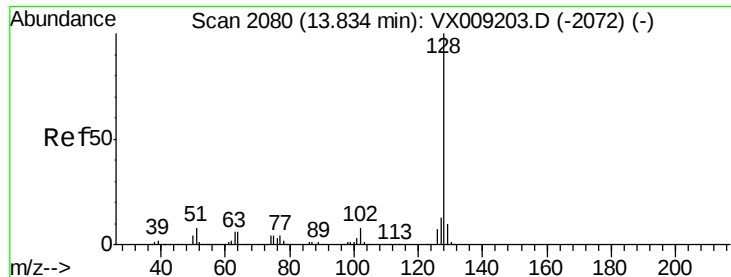
#94
 Hexachlorobutadiene
 Concen: 18.319 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion:225 Resp: 27143
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.3 93.8
 227 62.7 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: 16.715 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

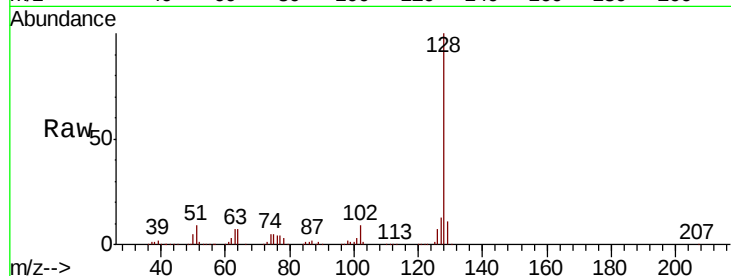
Tot Ion:128 Resp: 157791

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

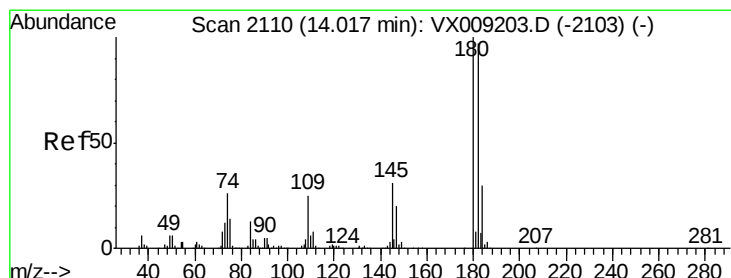
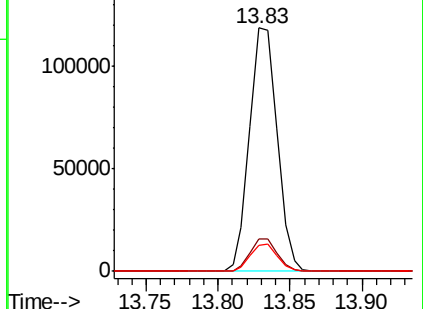
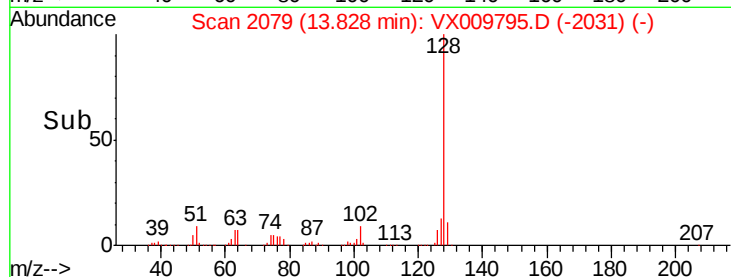
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.774 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

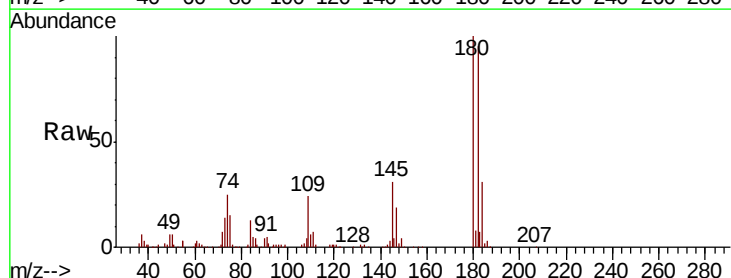
Tgt Ion:180 Resp: 52276

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.4

145 31.1 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

