

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 :

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

Target Compounds	R.T.	QIon	Response	Conc	Units	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

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Instrument :
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 ClientSampleId :

Quant Time: May 23 07:13:22 2019
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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
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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

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

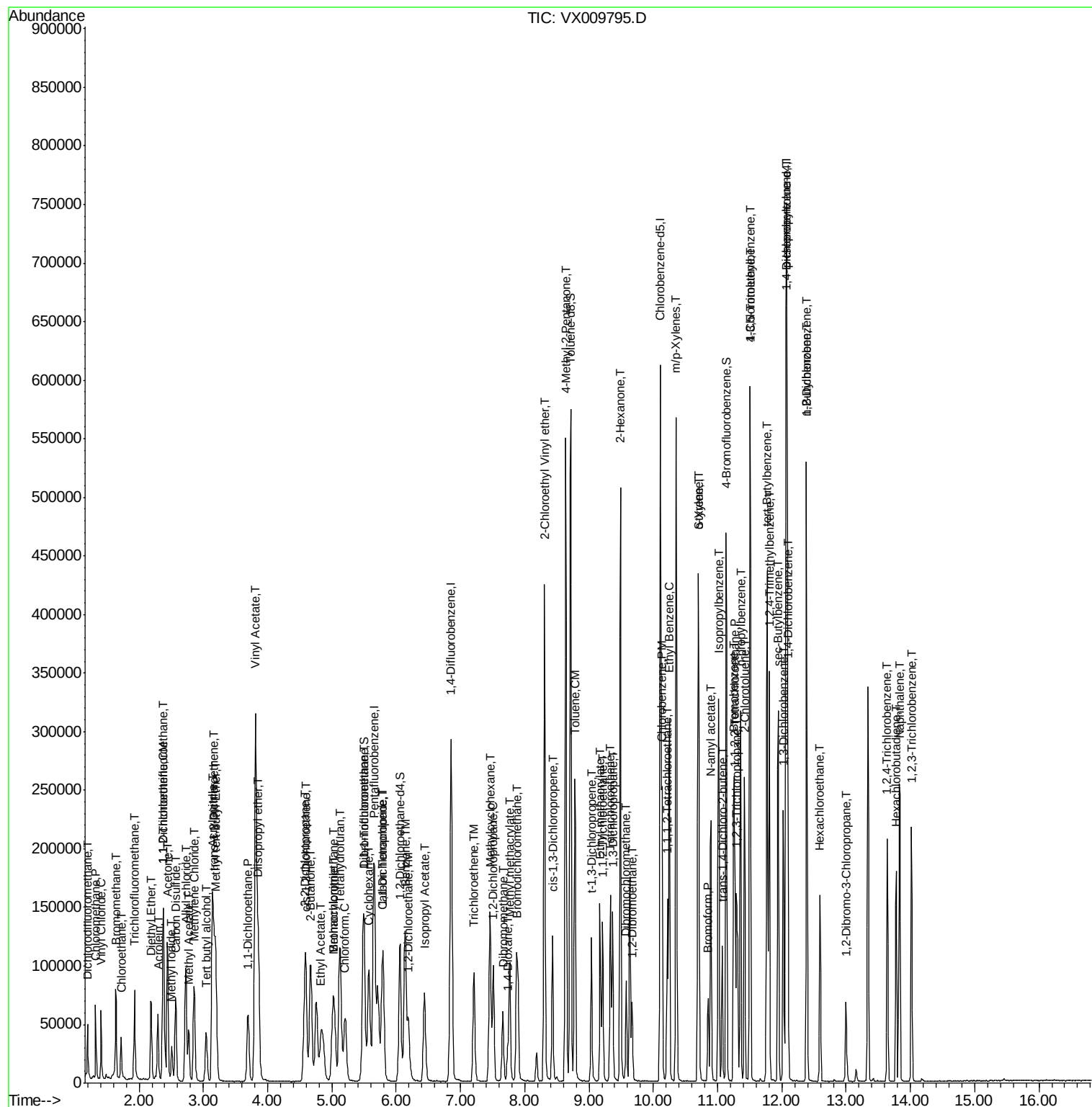
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51594	17.782	ug/l	100
94) Hexachlorobutadiene	13.78	225	27143	18.319	ug/l	99
95) Naphthalene	13.83	128	157791	16.715	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	52276	17.774	ug/l	99

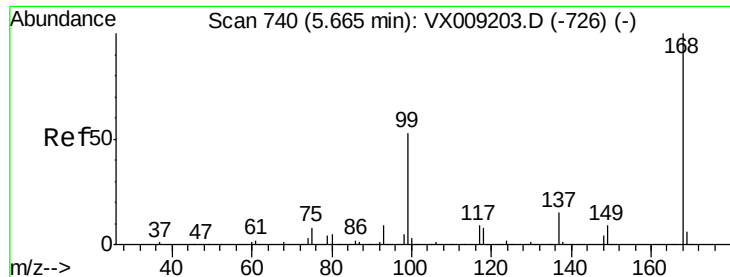
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
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Operator : JC/SP
Sample : VX0522WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: May 23 07:13:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

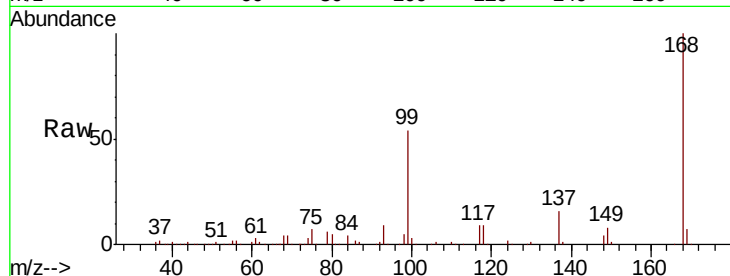
ClientSampleId :

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

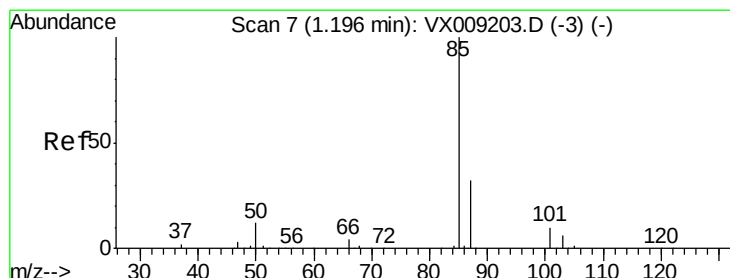
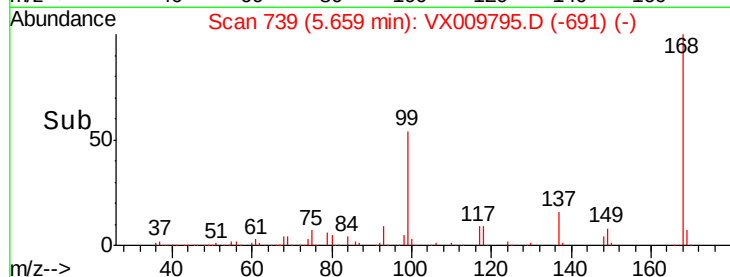
60000

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

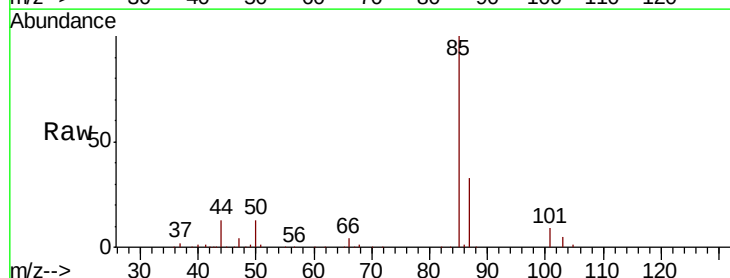
Acq: 22 May 2019 11:40

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

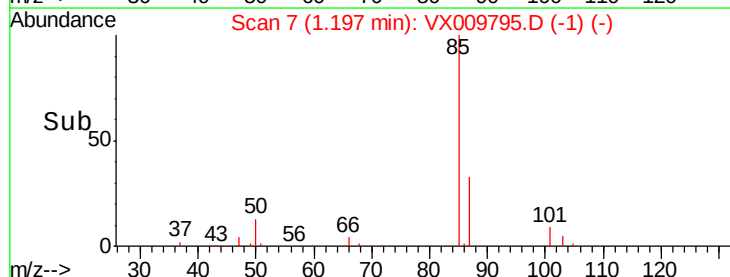
15000

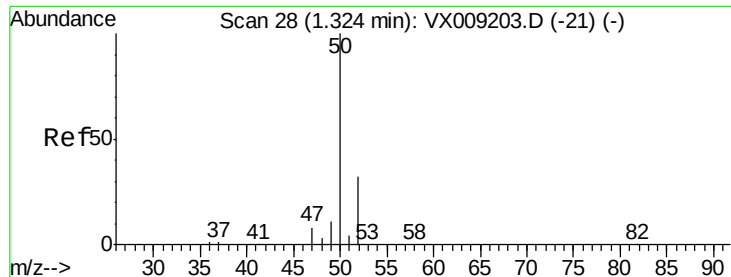
10000

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

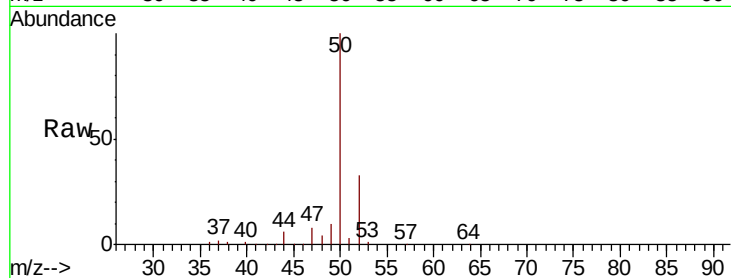
ClientSampleId :

Tot Ion: 50 Resp: 43181

Ion Ratio Lower Upper

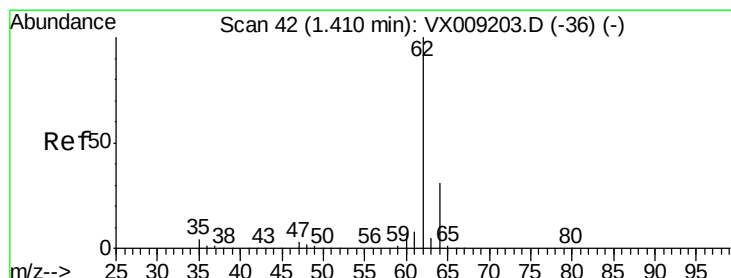
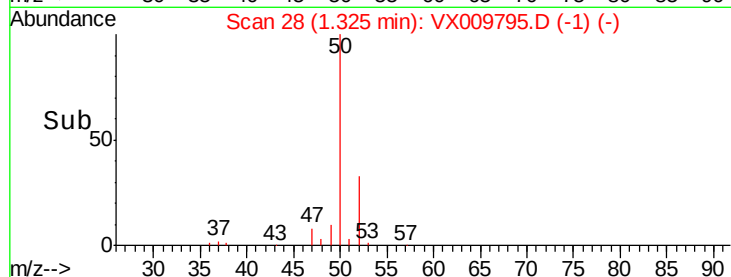
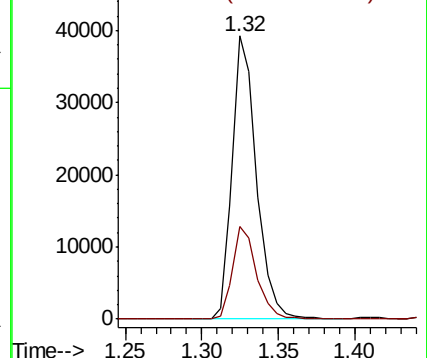
50 100

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

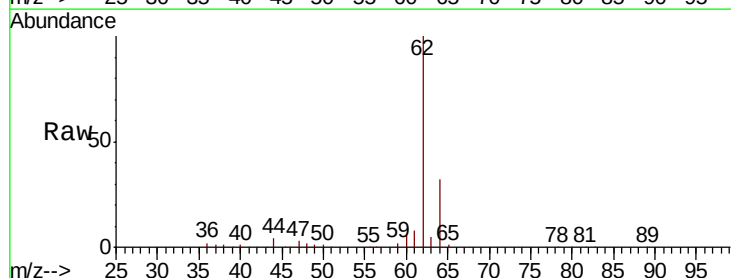
Acq: 22 May 2019 11:40

Tgt Ion: 62 Resp: 40589

Ion Ratio Lower Upper

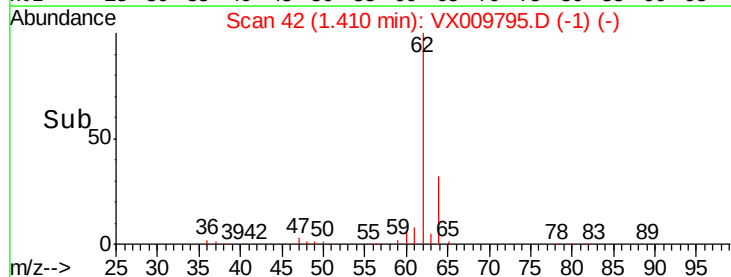
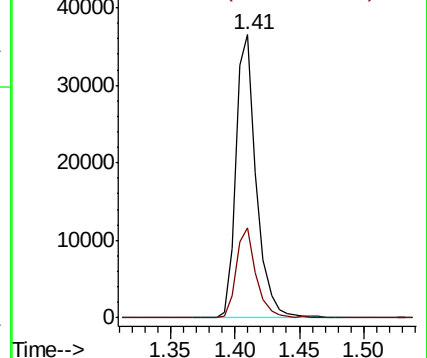
62 100

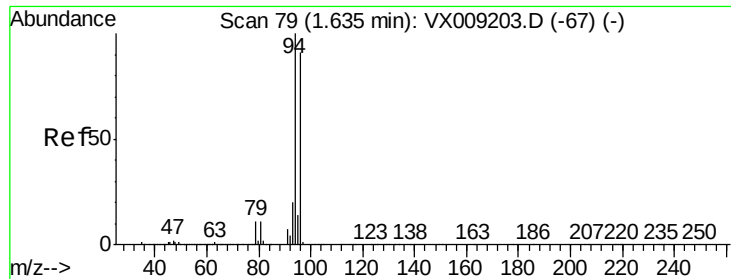
64 31.5 24.6 36.8



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

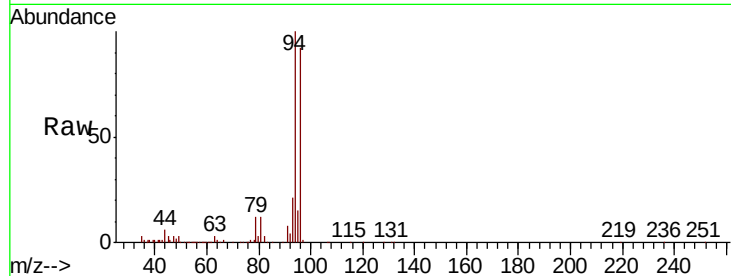
ClientSampleId :

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

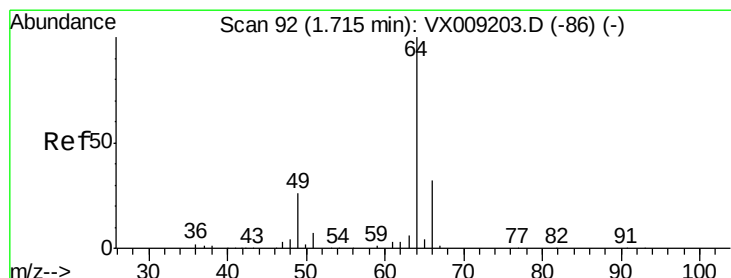
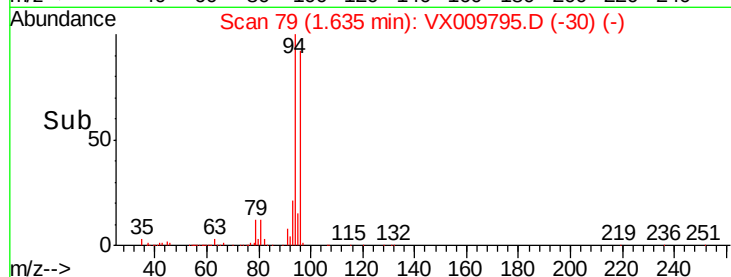
10000

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

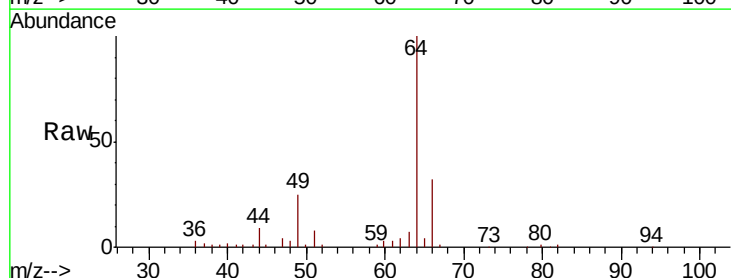
Acq: 22 May 2019 11:40

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

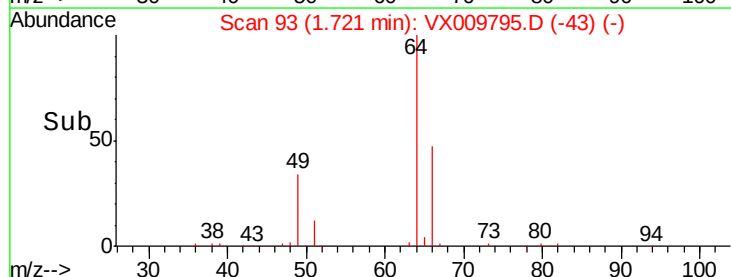
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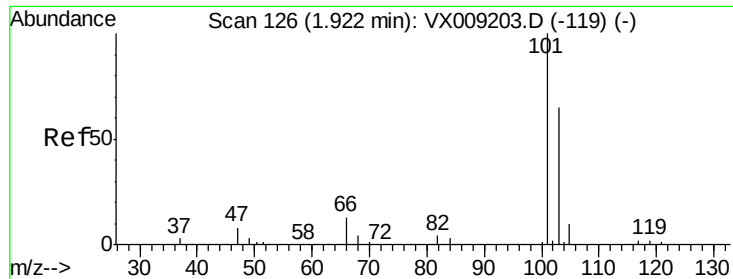
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



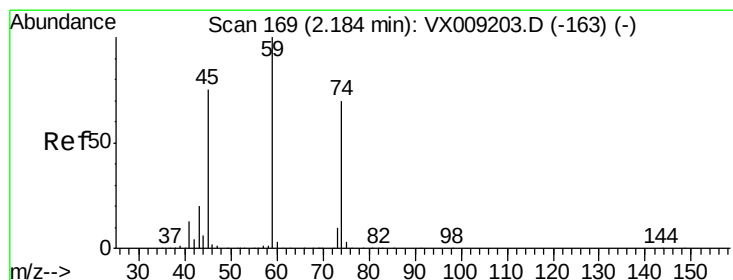
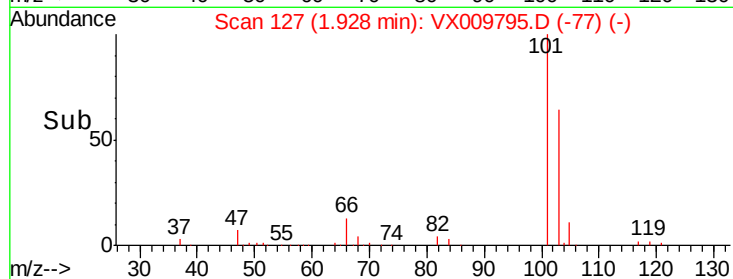
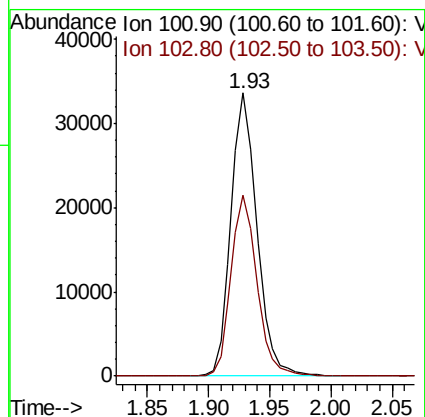
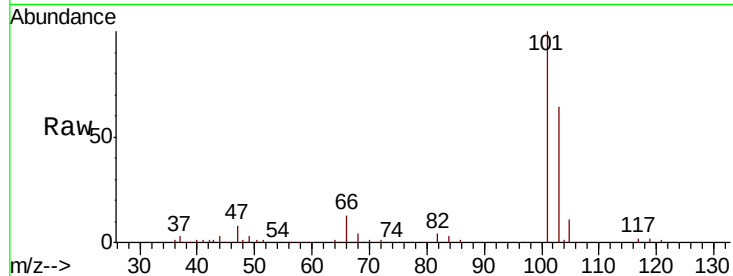


#7

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 :

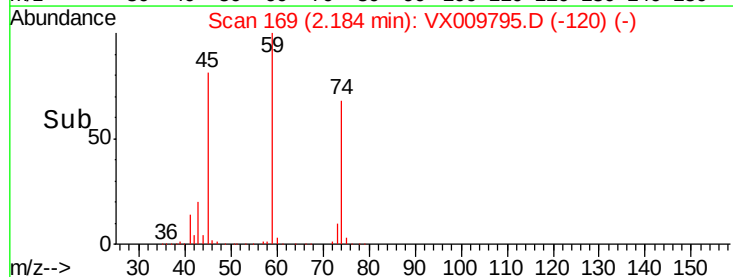
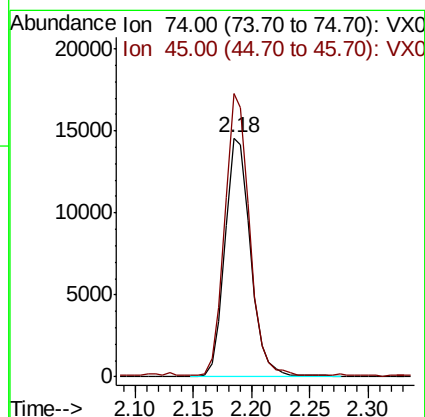
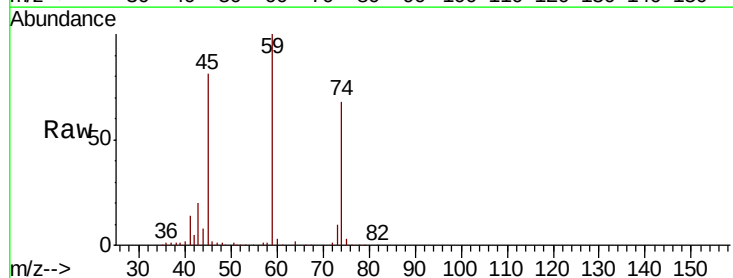
Tot Ion:101 Resp: 49454
Ion Ratio Lower Upper
101 100
103 63.9 52.4 78.6

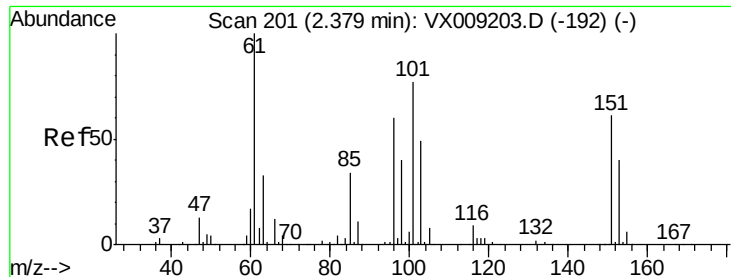


#8

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

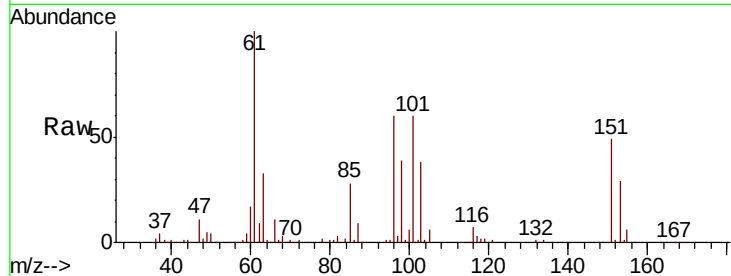




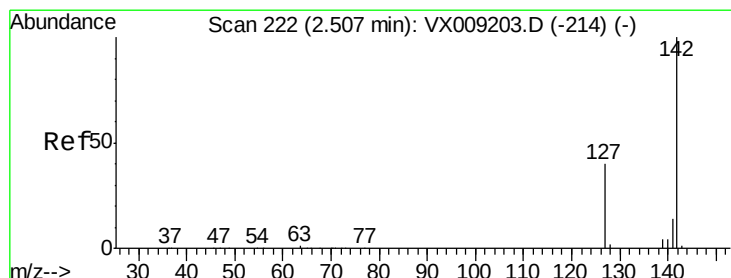
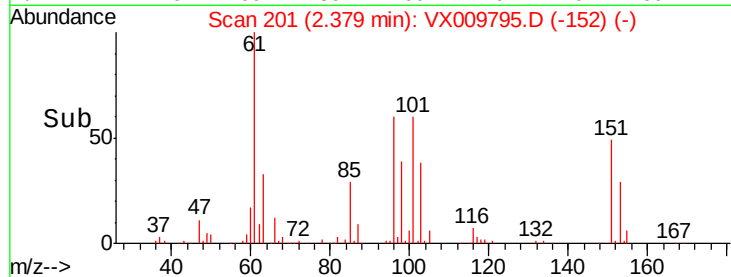
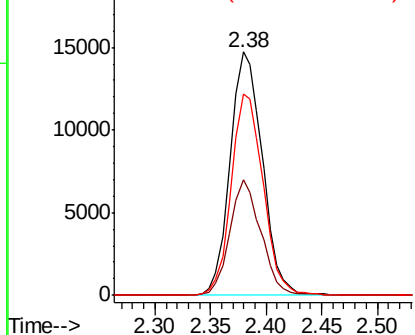
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.139 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.8	35.7	53.5
151	81.6	62.2	93.2

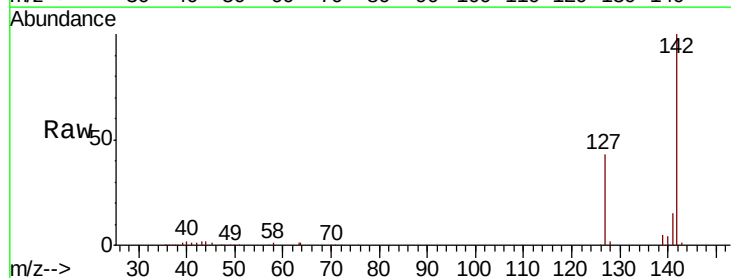


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

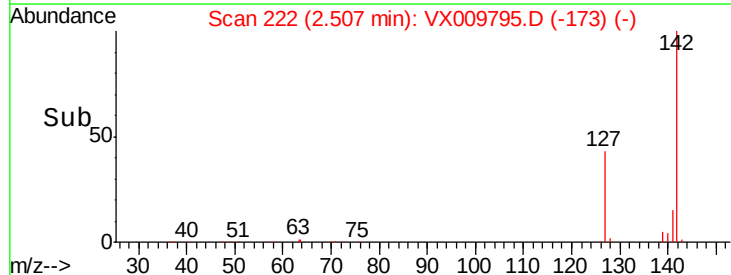
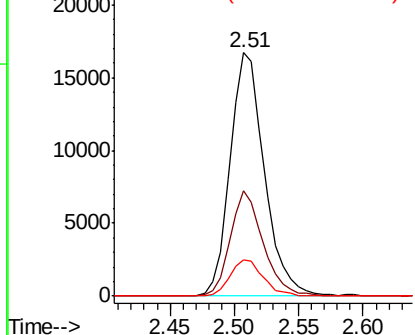


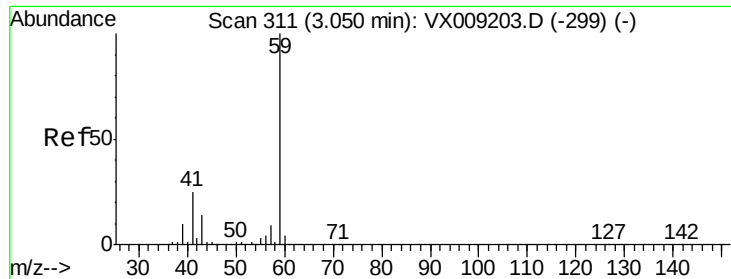
#10
 Methyl Iodide
 Concen: 18.661 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion	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

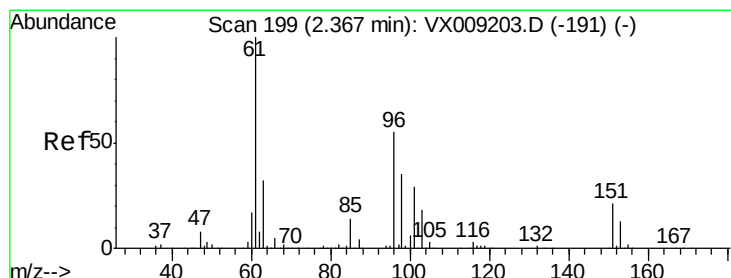
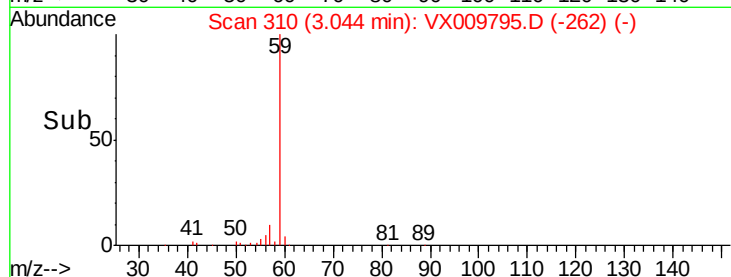
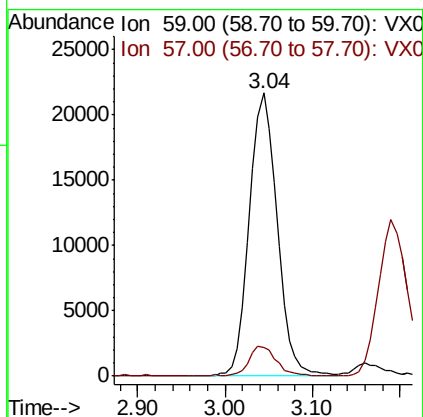
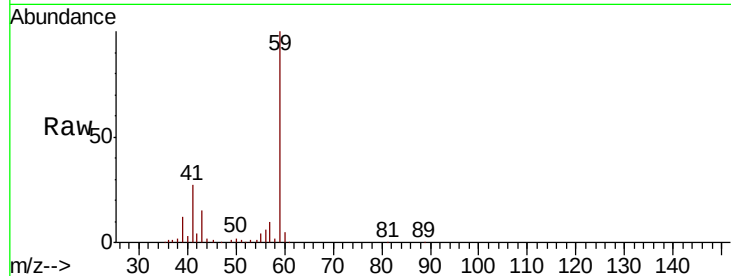




#11
Tert butyl alcohol
Concen: 83.214 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

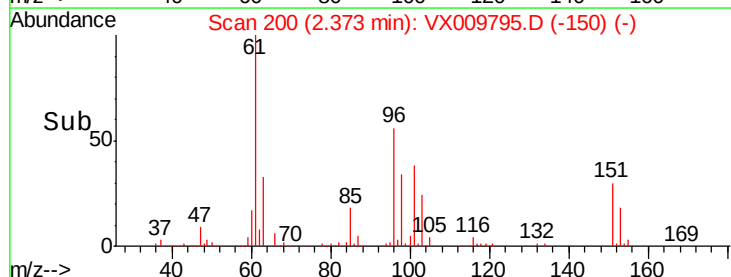
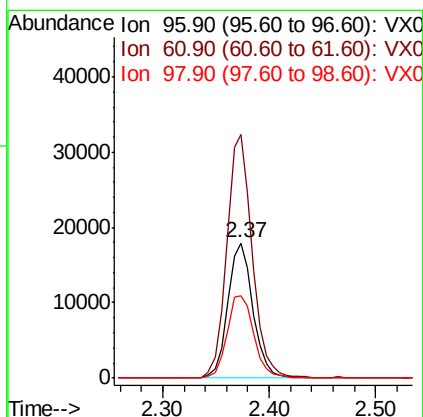
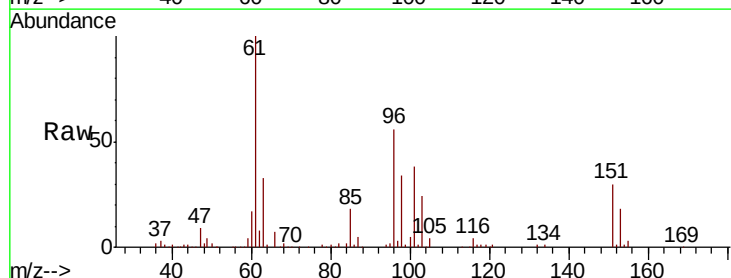
Instrument :
MSVOA_X
ClientSampleId :

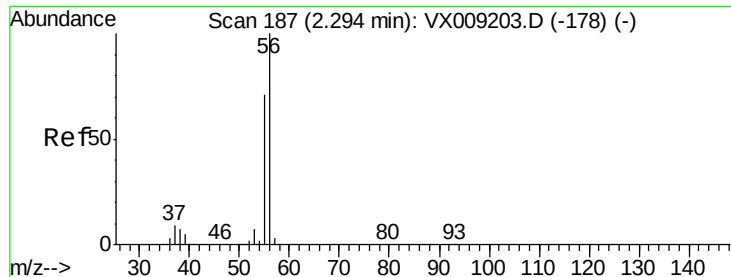
Tot Ion: 59 Resp: 48443
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#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

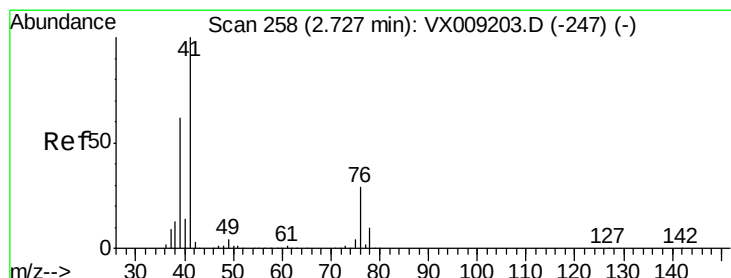
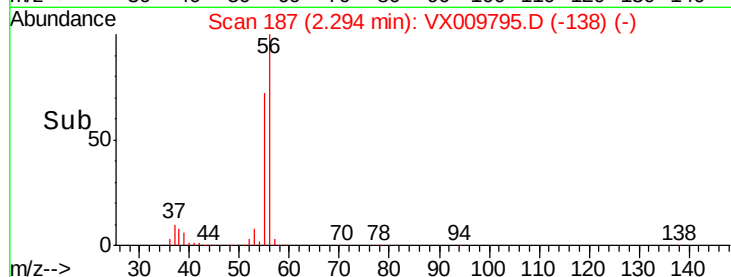
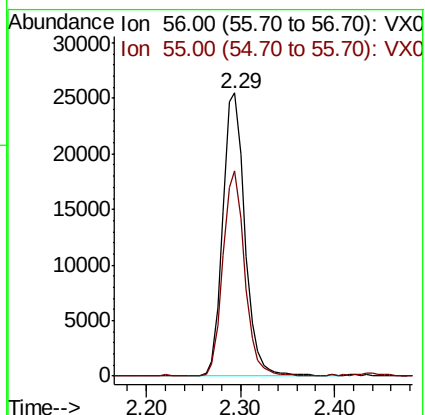
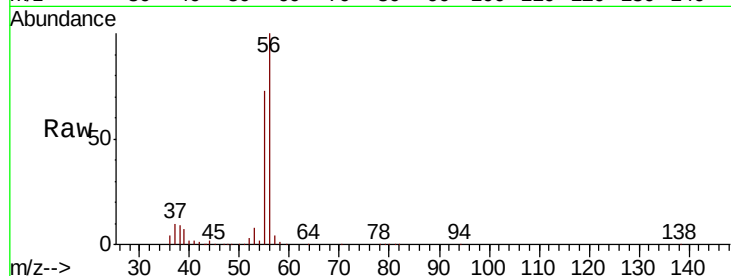
Instrument :
MSVOA_X
ClientSampleId :

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

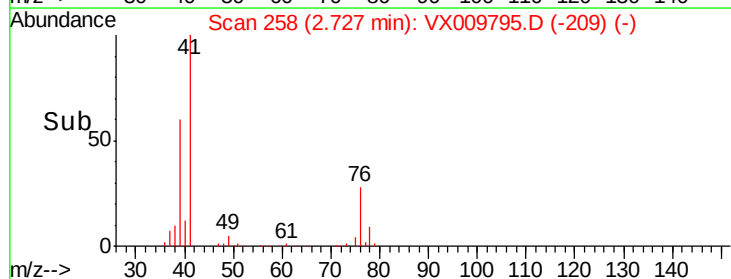
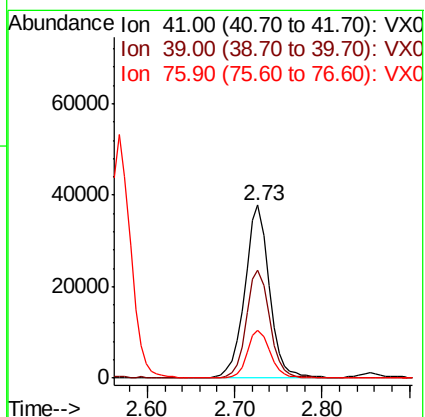
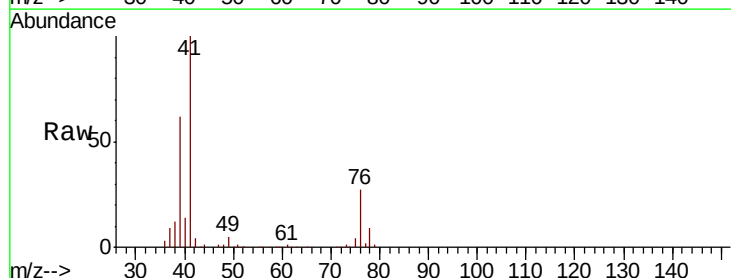
Tgt Ion: 41 Resp: 73728

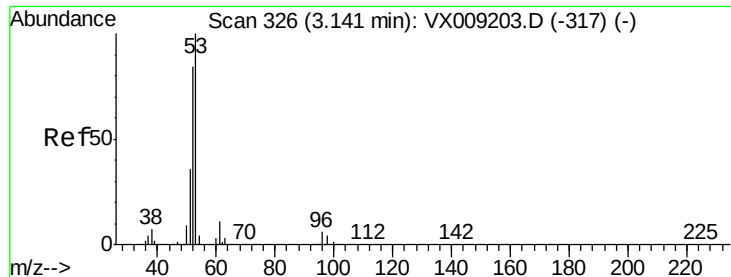
Ion Ratio Lower Upper

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

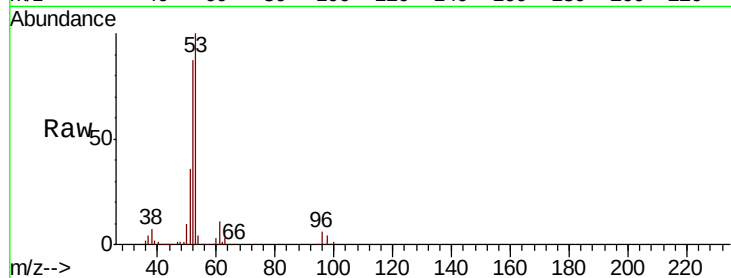
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 120581

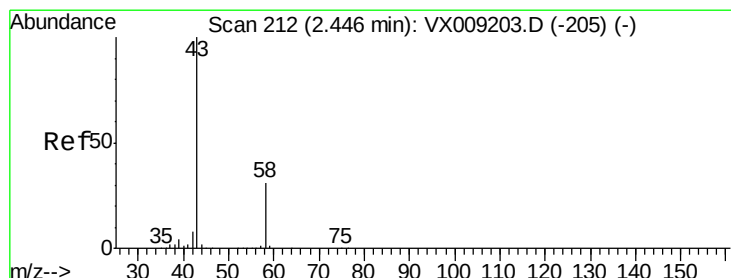
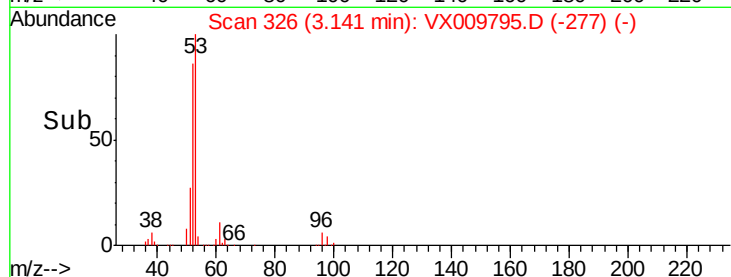
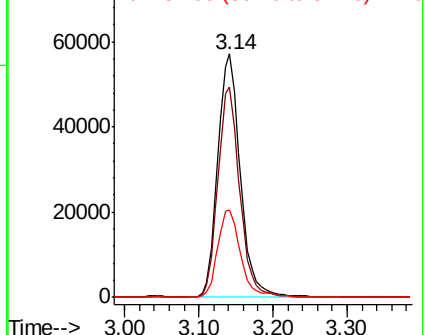
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.9	100.3
51	36.5	28.2	42.2



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

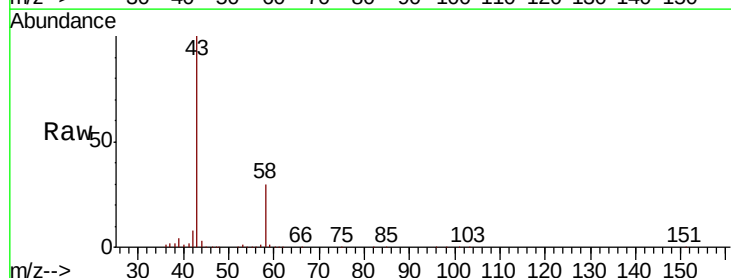
Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

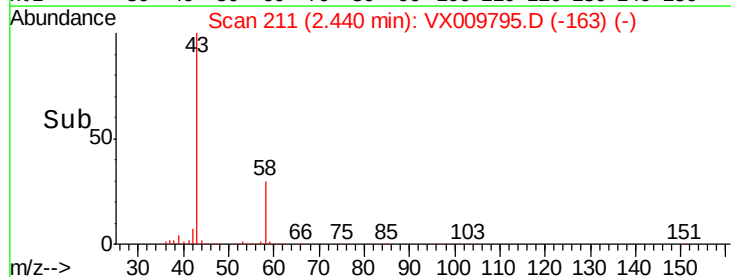
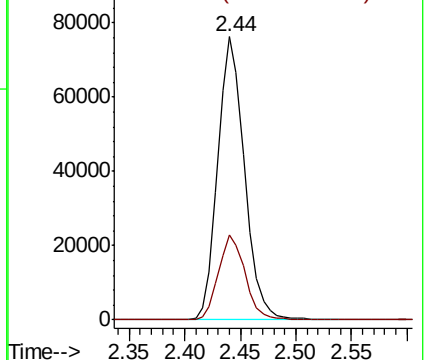
Tgt Ion: 43 Resp: 126140

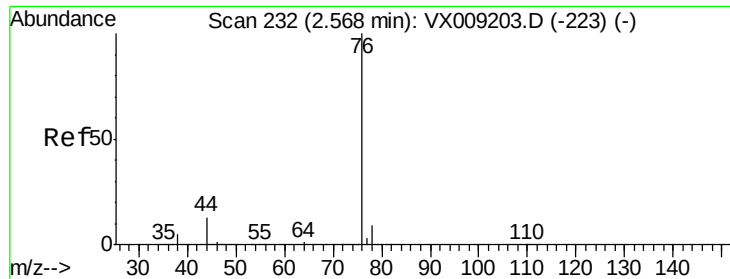
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

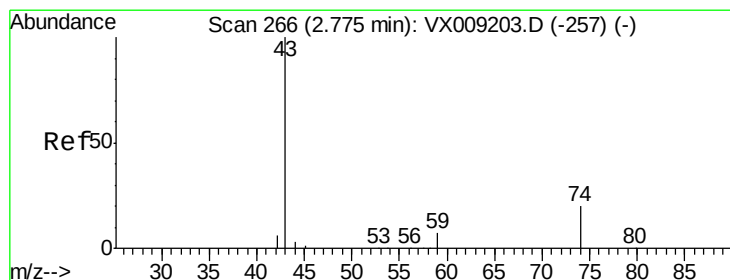
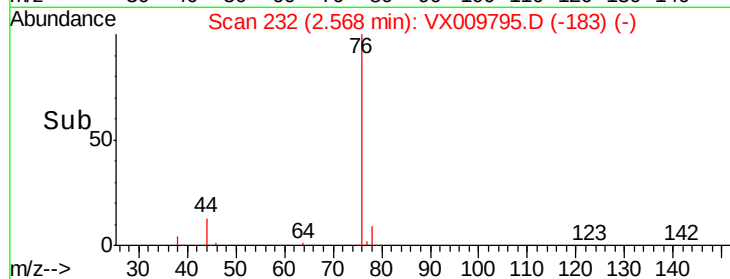
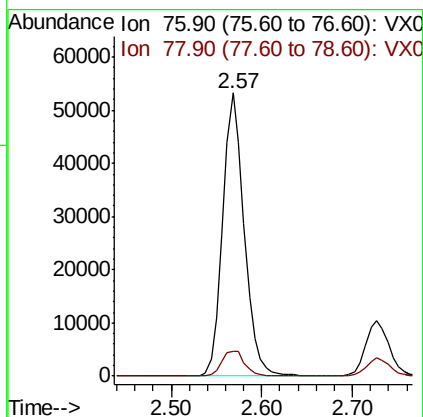
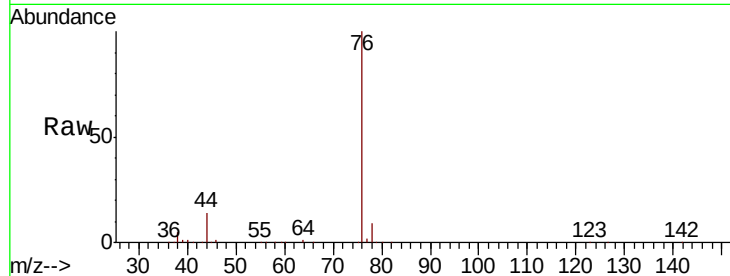




#17
Carbon Disulfide
Concen: 18.181 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

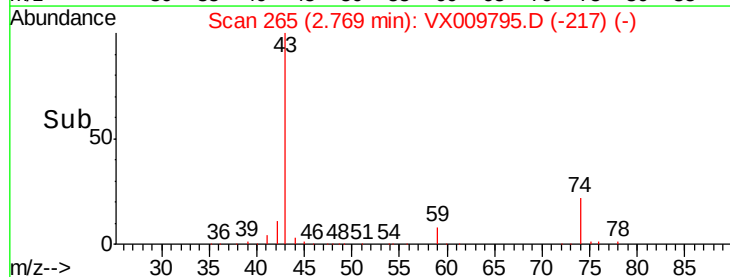
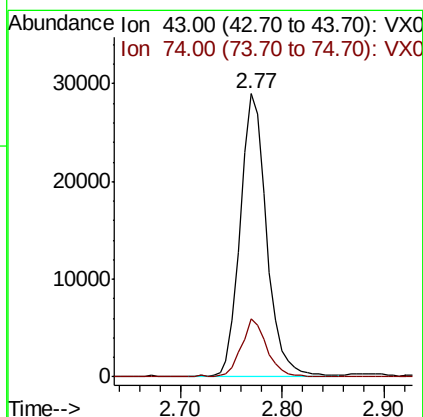
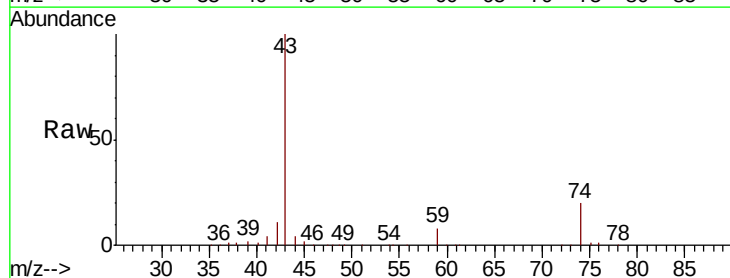
Instrument :
MSVOA_X
ClientSampleId :

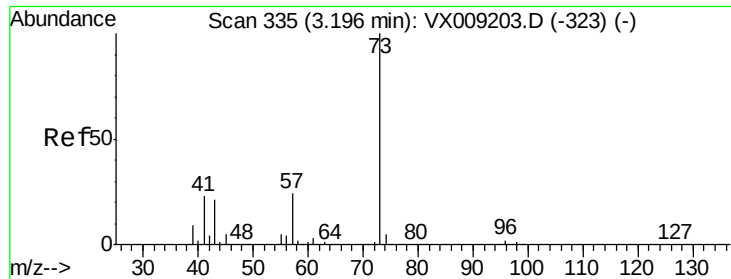
Tot Ion: 76 Resp: 88235
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#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



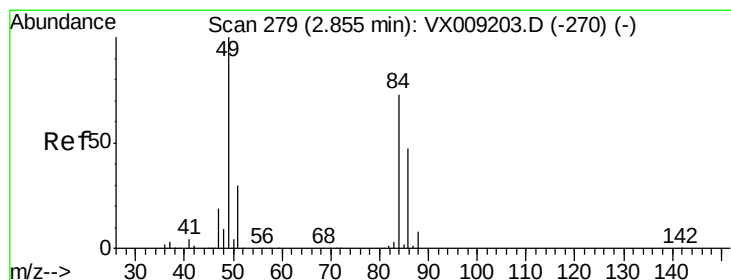
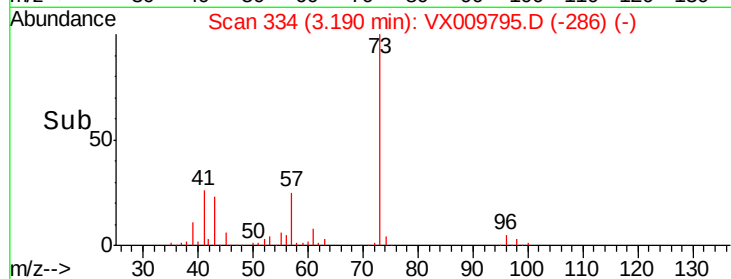
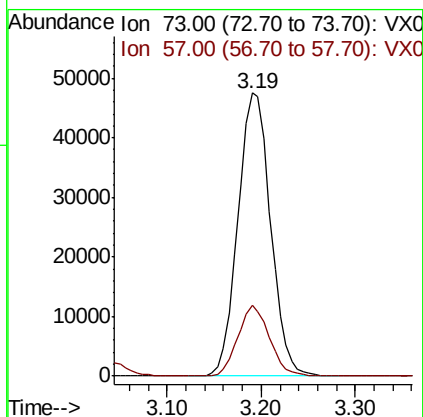
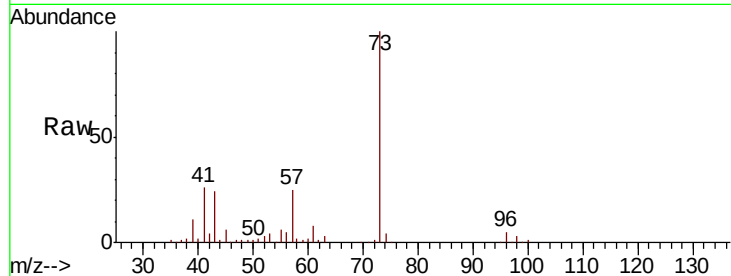


#19

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 :

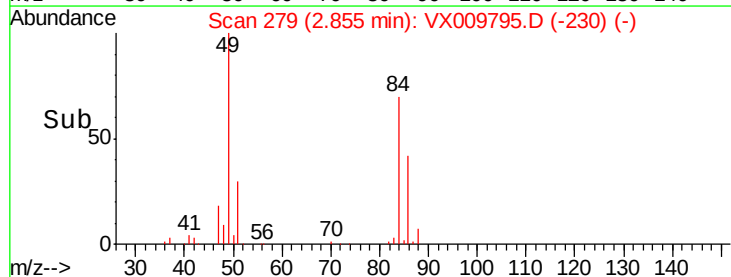
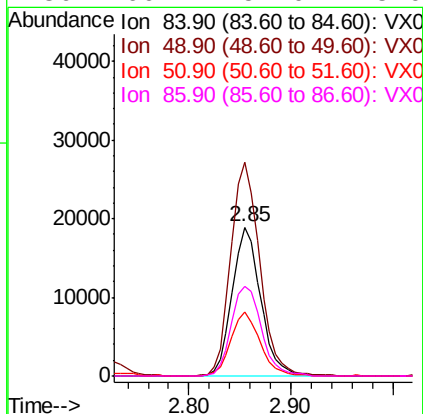
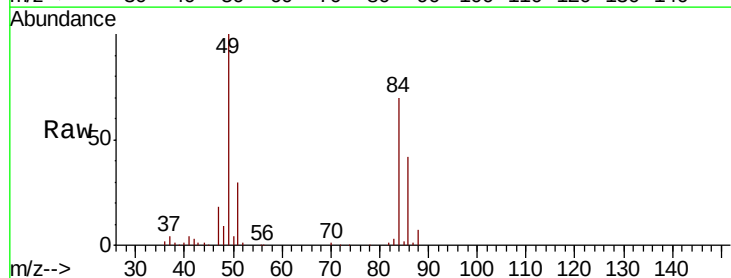
Tot Ion: 73 Resp: 114487
 Ion Ratio Lower Upper
 73 100
 57 25.2 19.3 28.9

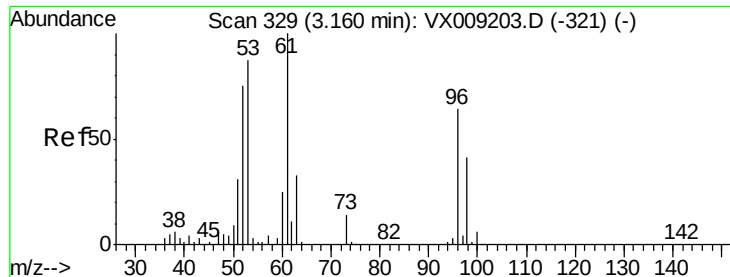


#20

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 :

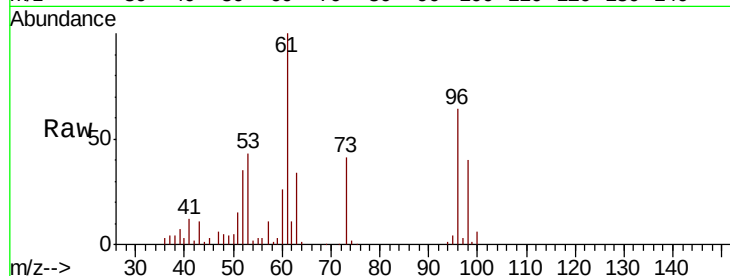
Tot Ion: 96 Resp: 32540

Ion Ratio Lower Upper

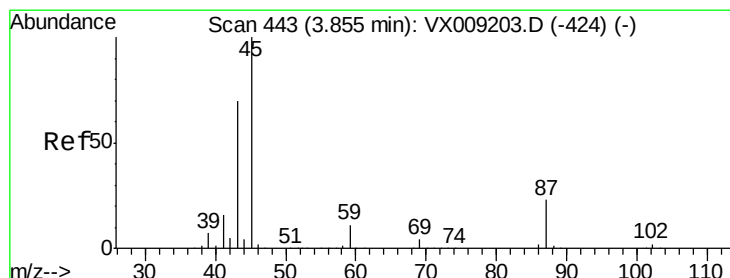
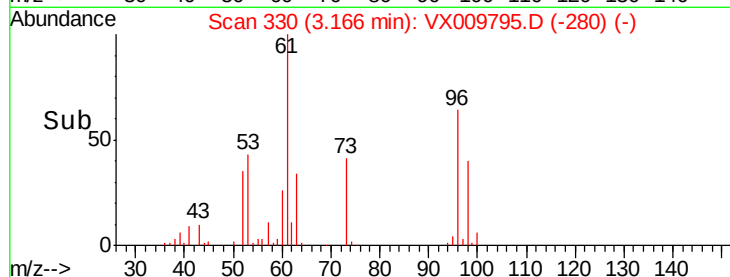
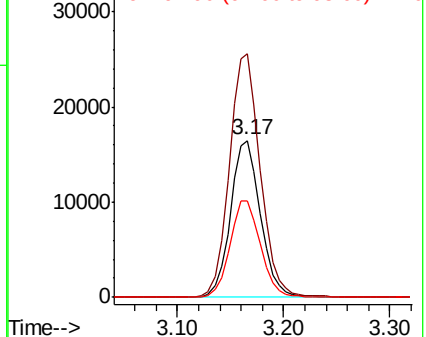
96 100

61 155.5 124.5 186.7

98 61.7 50.4 75.6



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



#22

Diisopropyl ether

Concen: 17.740 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

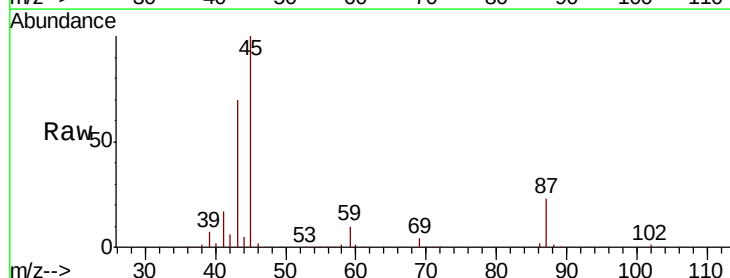
Ion Ratio Lower Upper

45 100

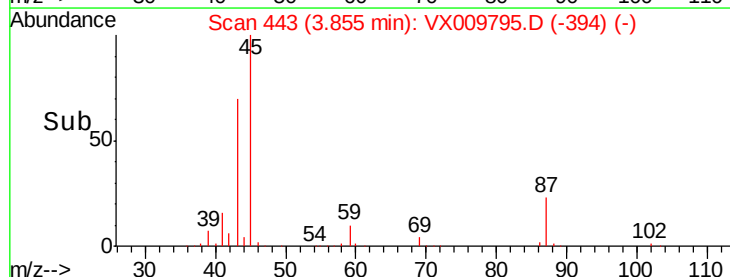
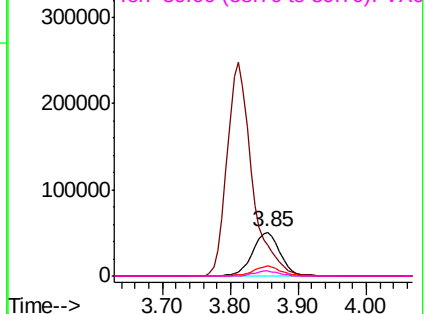
43 70.4 56.1 84.1

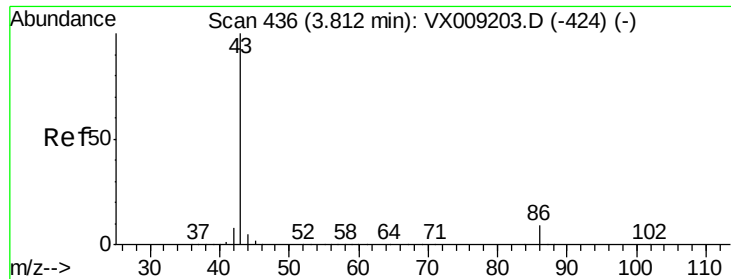
87 23.0 18.1 27.1

59 10.3 8.5 12.7



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





#23

Vinyl Acetate

Concen: 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

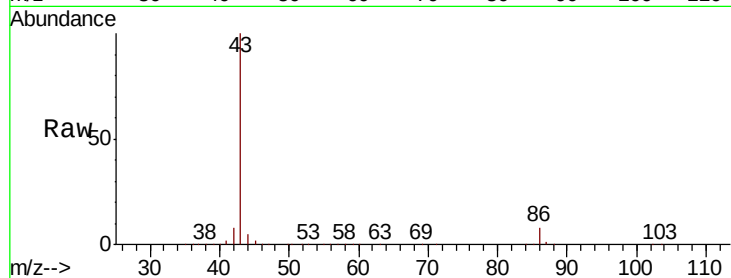
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 632688

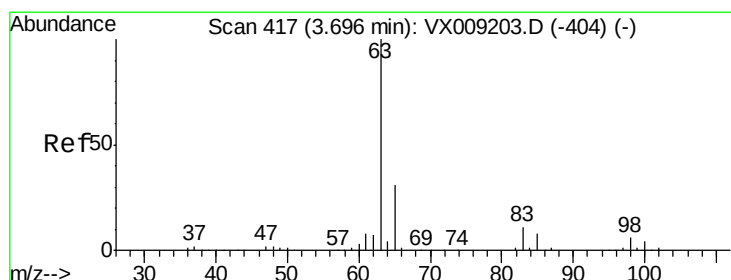
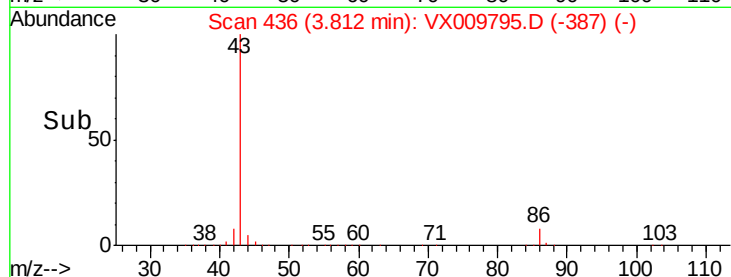
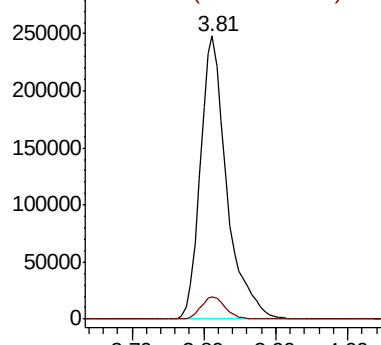
Ion Ratio Lower Upper

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

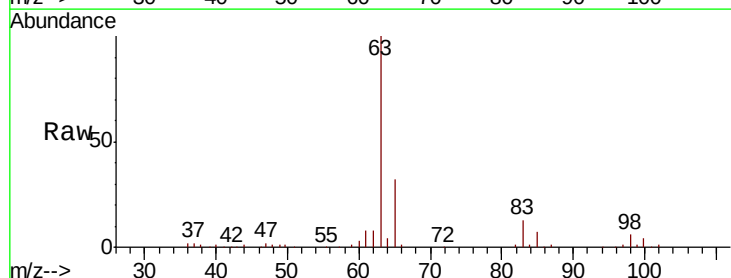
Tgt Ion: 63 Resp: 68727

Ion Ratio Lower Upper

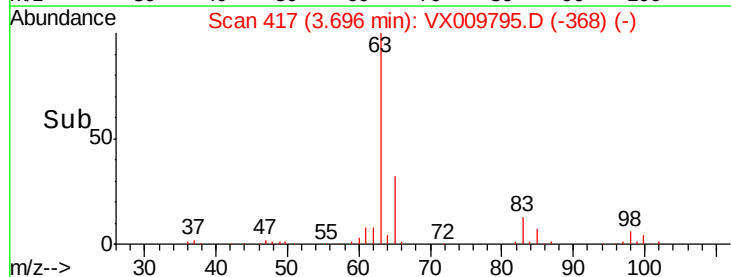
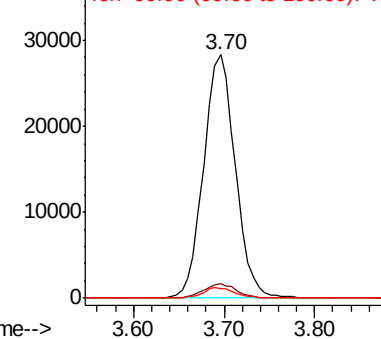
63 100

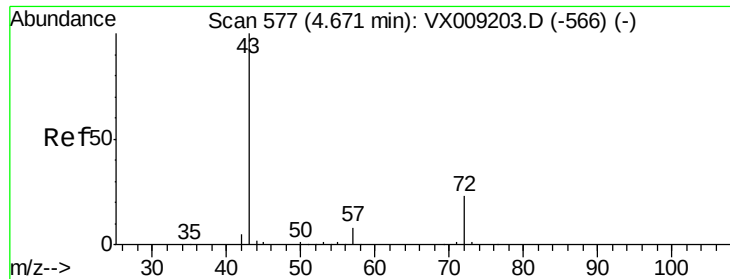
98 6.2 3.0 9.2

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

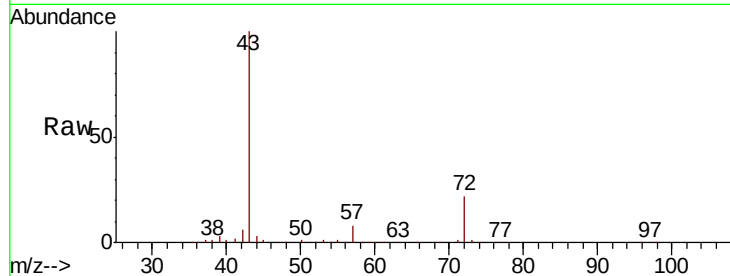
ClientSampled :

Tot Ion: 43 Resp: 185289

Ion Ratio Lower Upper

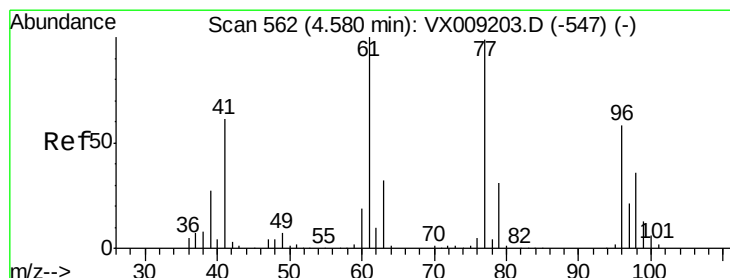
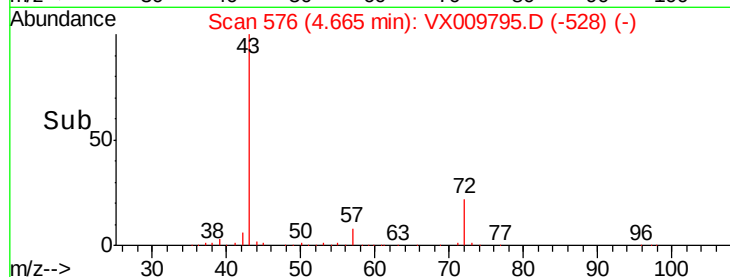
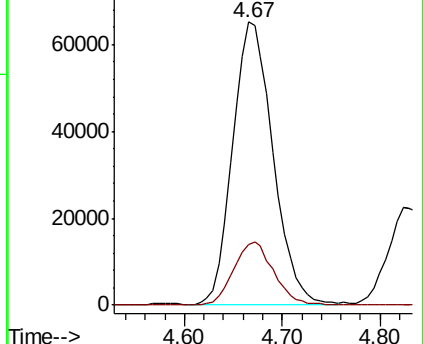
43 100

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

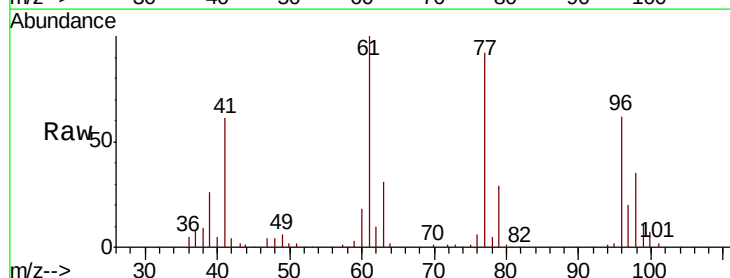
Acq: 22 May 2019 11:40

Tgt Ion: 77 Resp: 50723

Ion Ratio Lower Upper

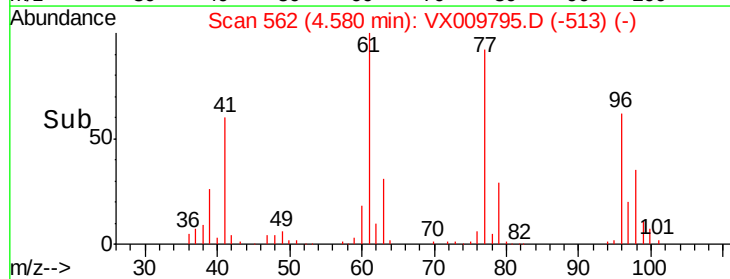
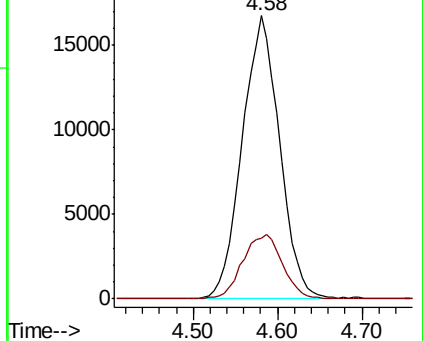
77 100

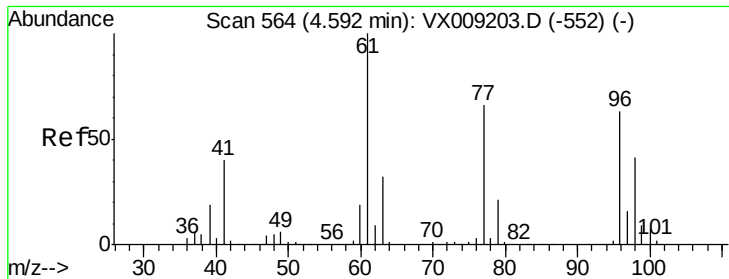
97 24.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



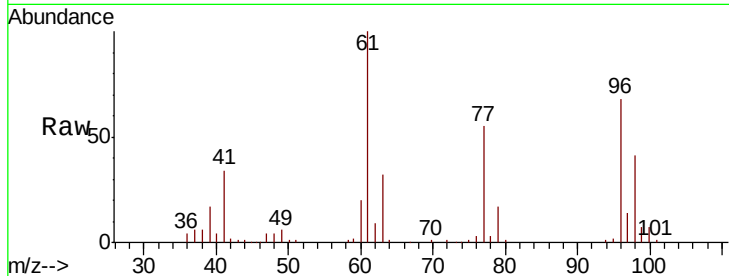


#27

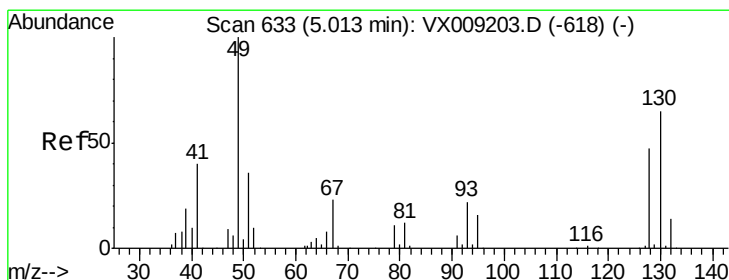
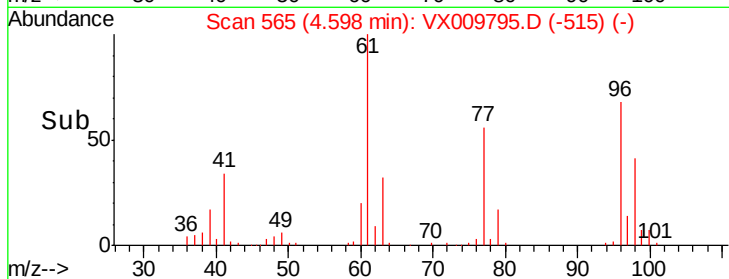
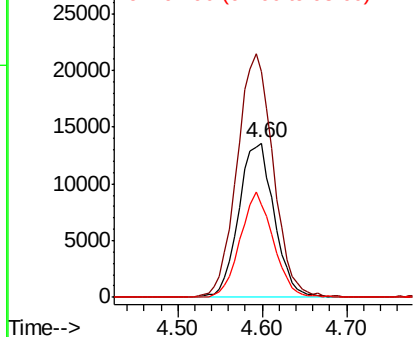
cis-1,2-Dichloroethene
Concen: 17.237 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampled :

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



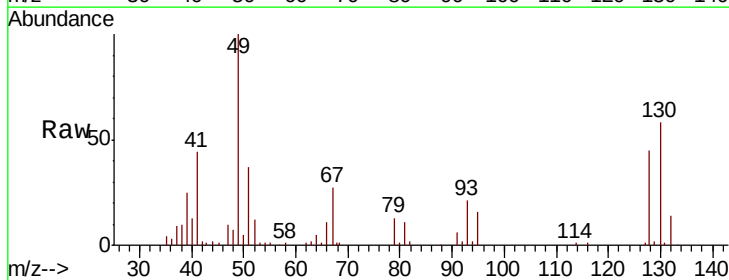
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



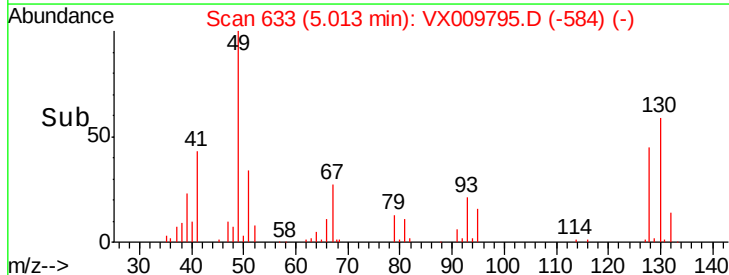
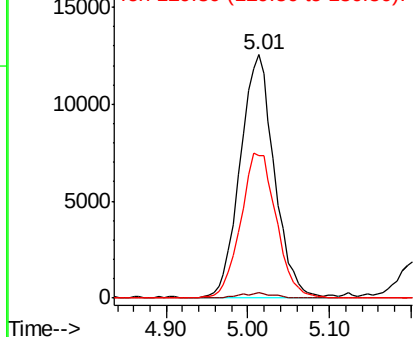
#28

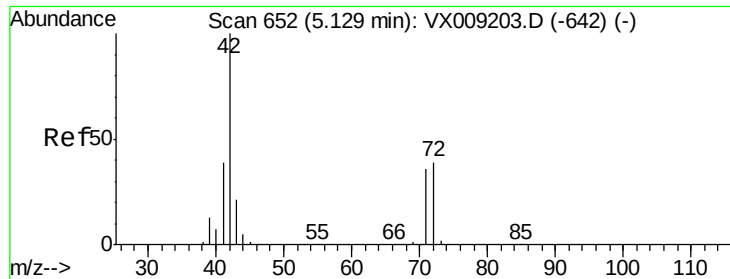
Bromochloromethane
Concen: 21.250 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

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

ClientSampled :

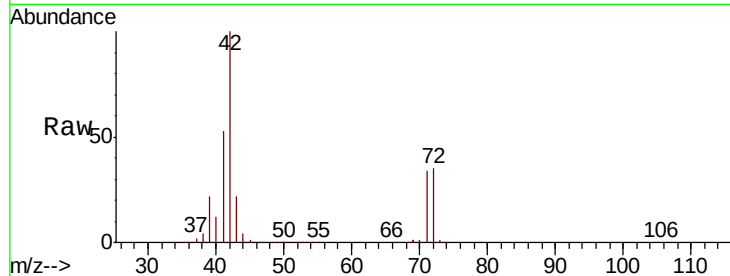
Tot Ion: 42 Resp: 117343

Ion Ratio Lower Upper

42 100

72 37.0 30.4 45.6

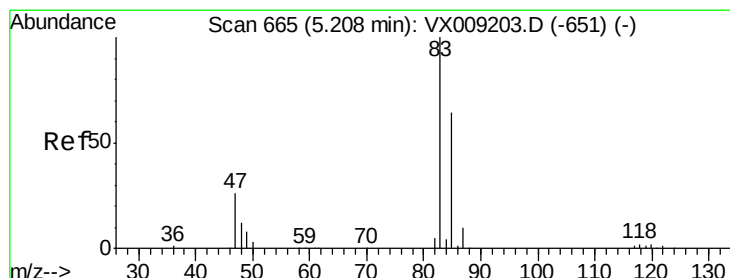
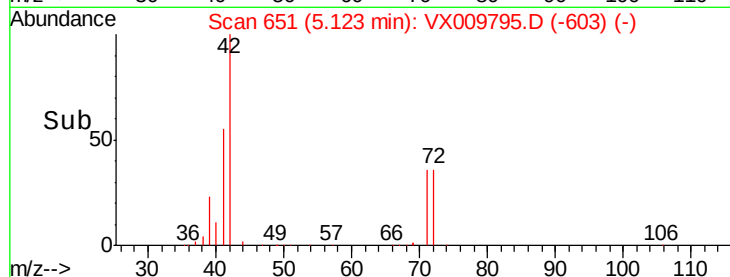
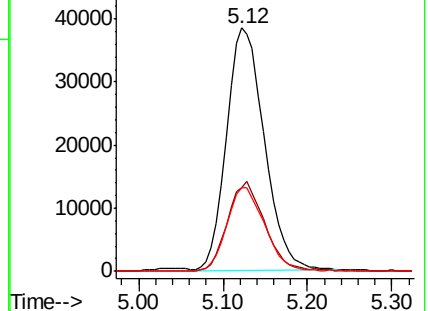
71 34.8 28.6 43.0



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

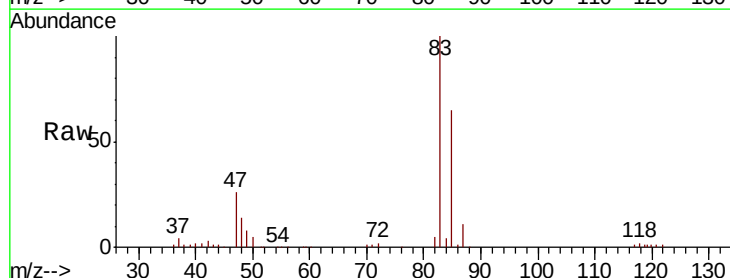
Acq: 22 May 2019 11:40

Tgt Ion: 83 Resp: 62694

Ion Ratio Lower Upper

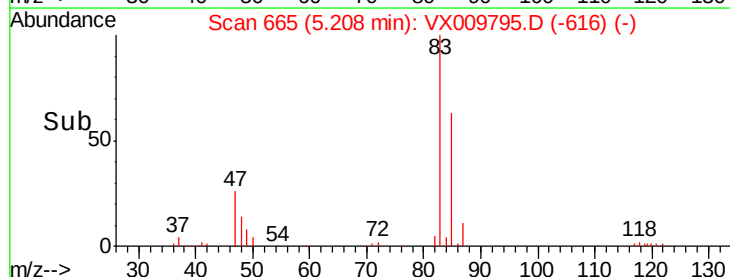
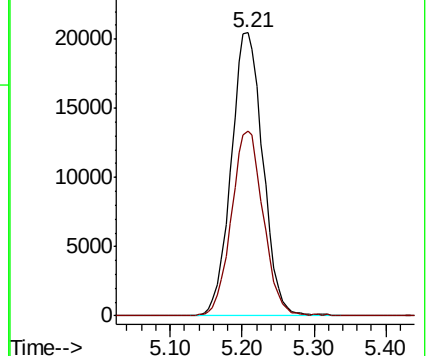
83 100

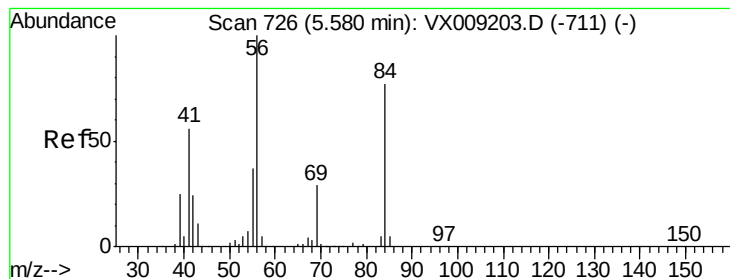
85 65.3 51.5 77.3



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 :

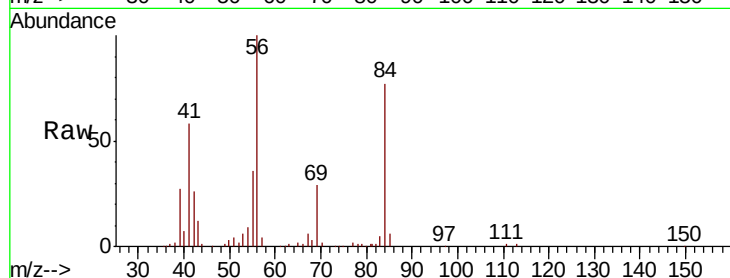
Tot Ion: 56 Resp: 68440

Ion Ratio Lower Upper

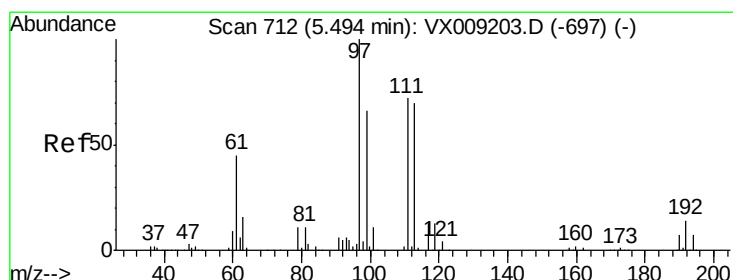
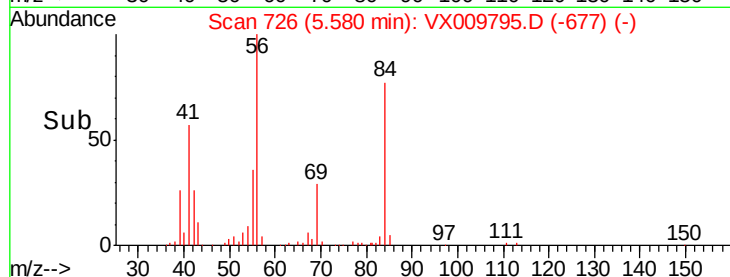
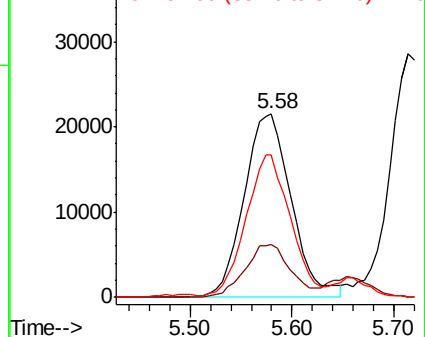
56 100

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

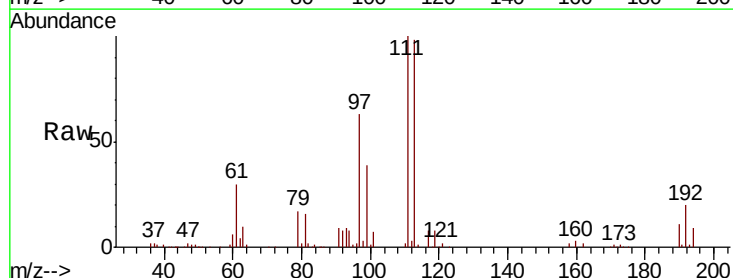
Tgt Ion: 97 Resp: 51604

Ion Ratio Lower Upper

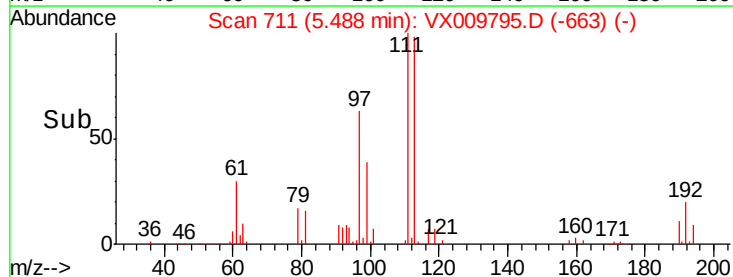
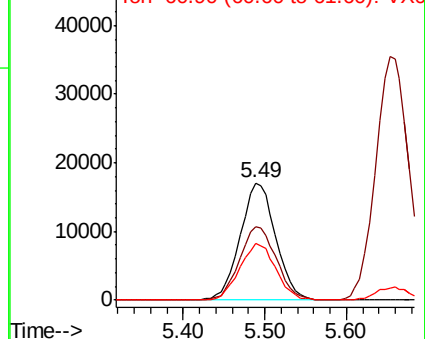
97 100

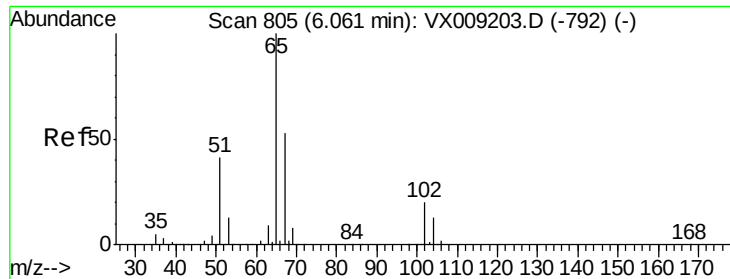
99 64.5 51.8 77.8

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

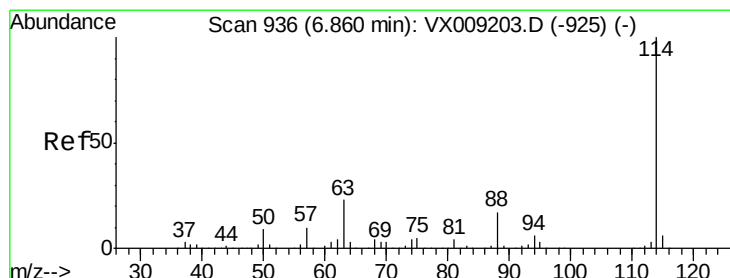
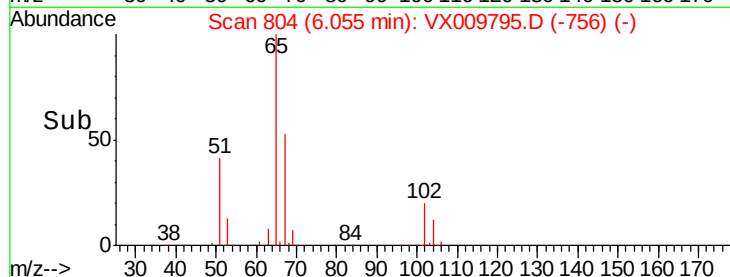
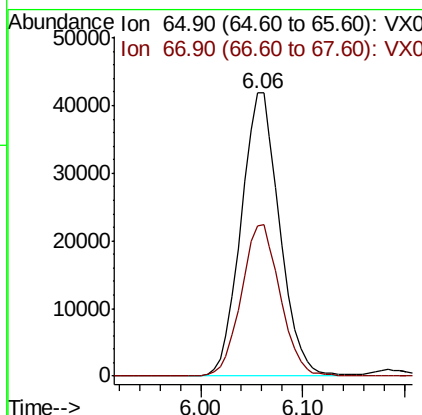
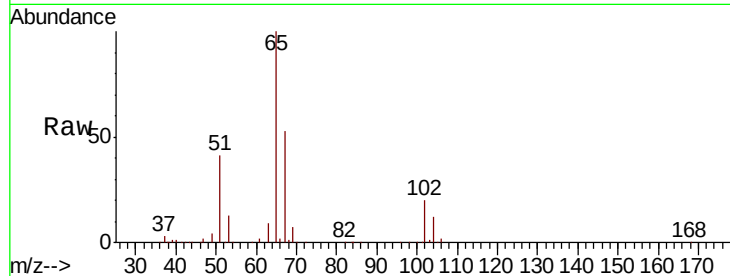




#33
 1,2-Dichloroethane-d4
 Concen: 43.639 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

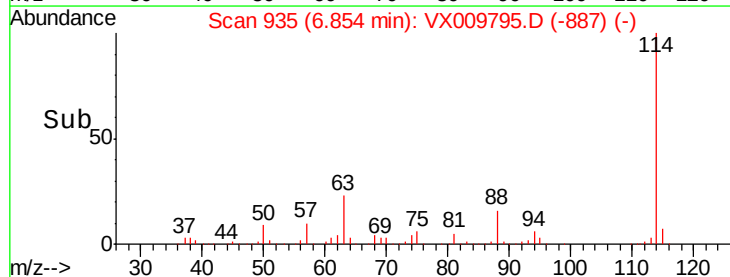
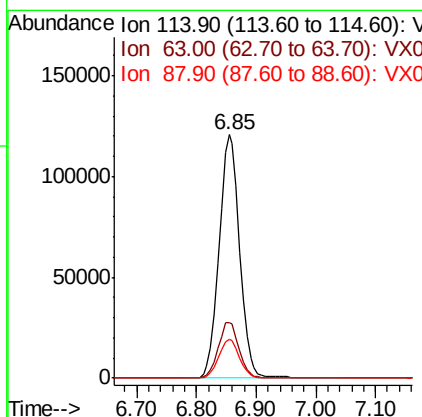
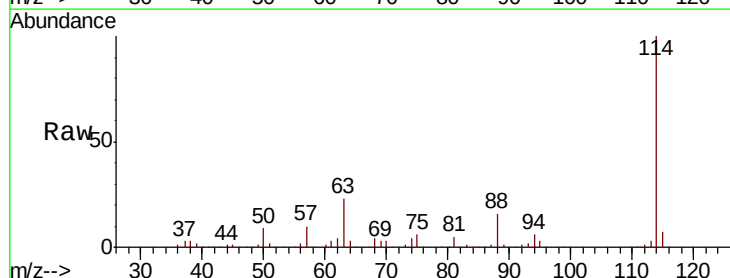
Instrument :
 MSVOA_X
 ClientSampleId :

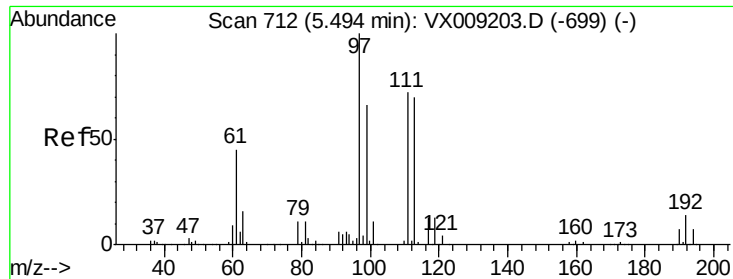
Tot Ion: 65 Resp: 109751
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.6



#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

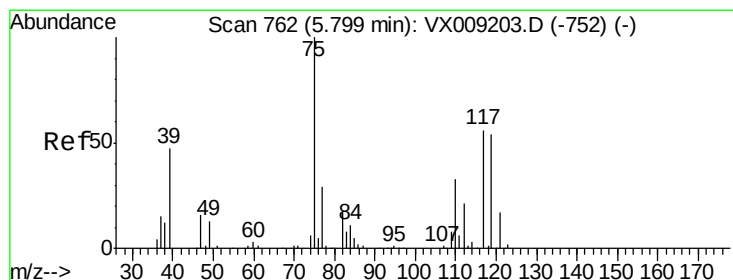
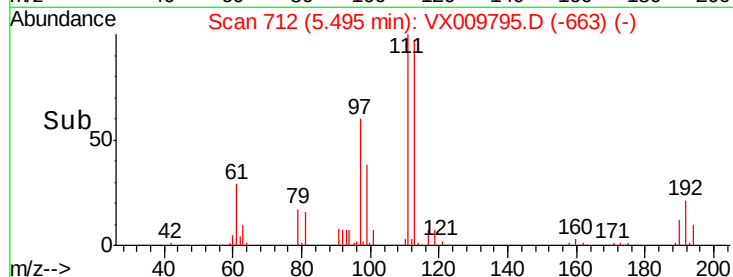
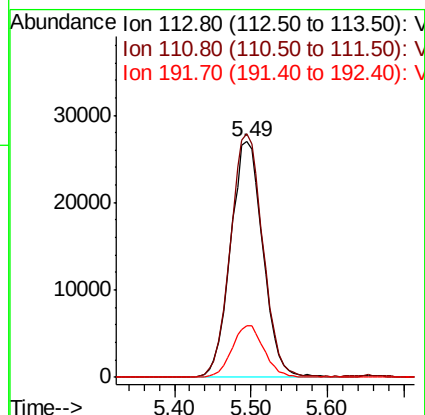
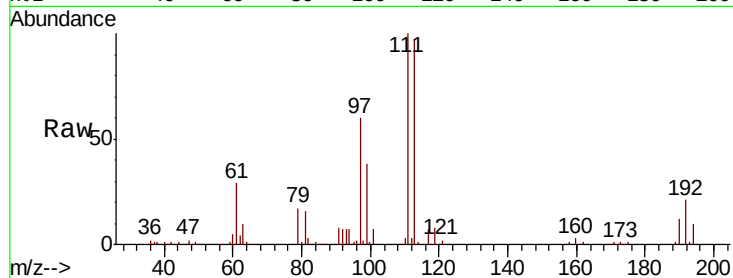




#35
 Dibromofluoromethane
 Concen: 43.602 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

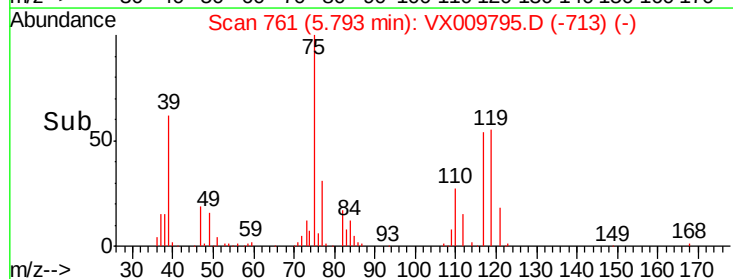
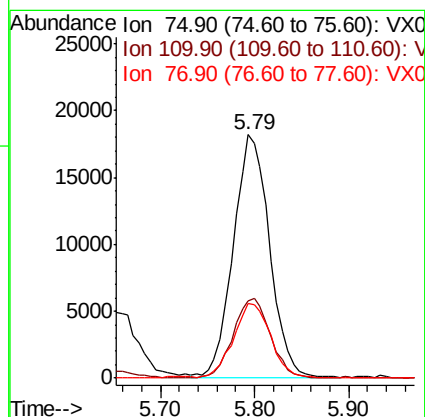
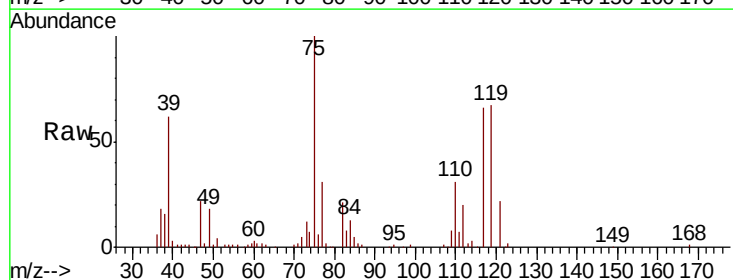
Instrument :
 MSVOA_X
 ClientSampleId :

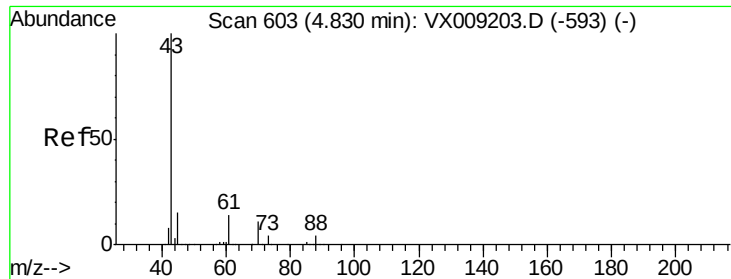
Tot Ion:113 Resp: 78963
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.8 124.2
 192 21.6 17.0 25.6



#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

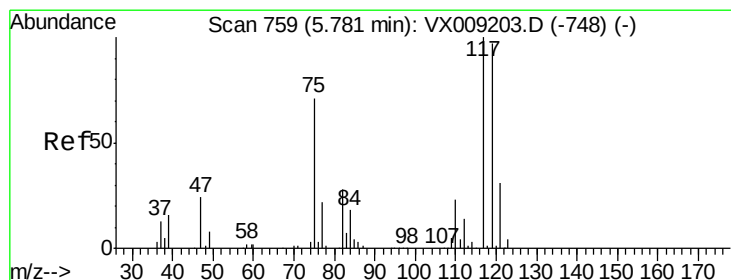
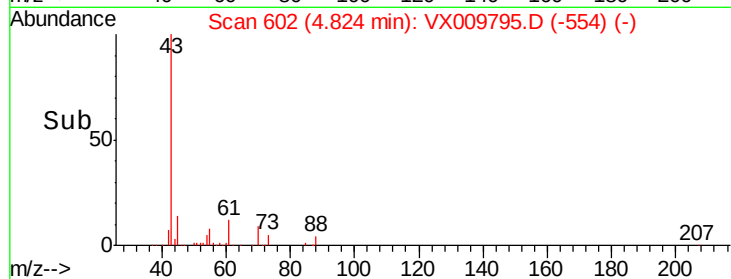
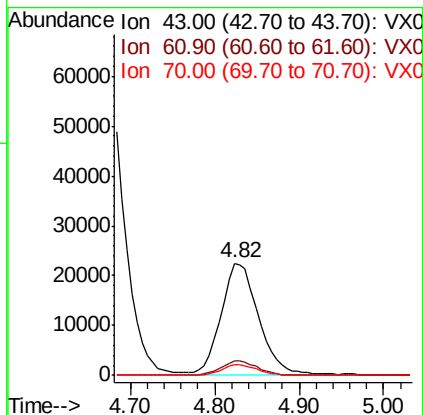
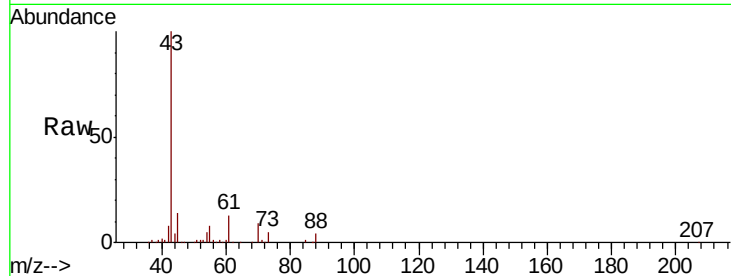




#37
Ethyl Acetate
Concen: 18.003 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

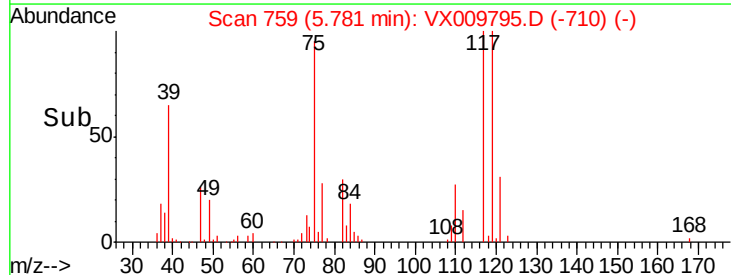
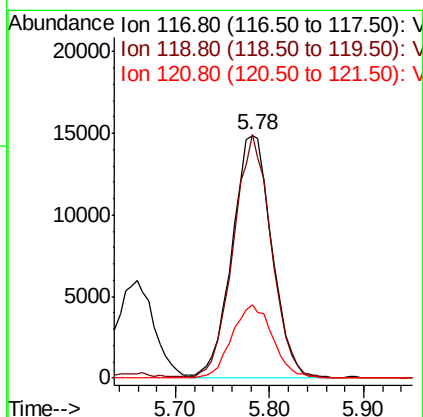
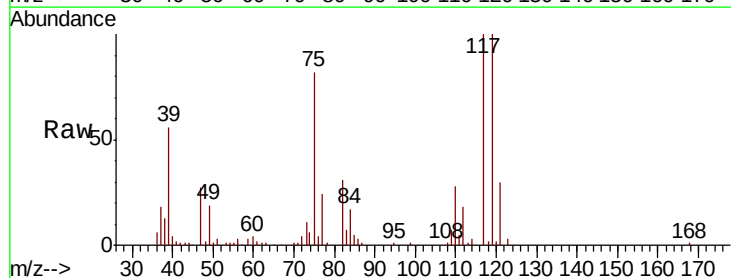
Instrument :
MSVOA_X
ClientSampled :

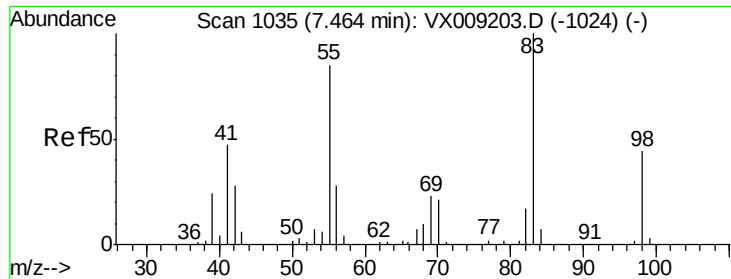
Tot Ion: 43 Resp: 67154
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.6 7.9 11.9



#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

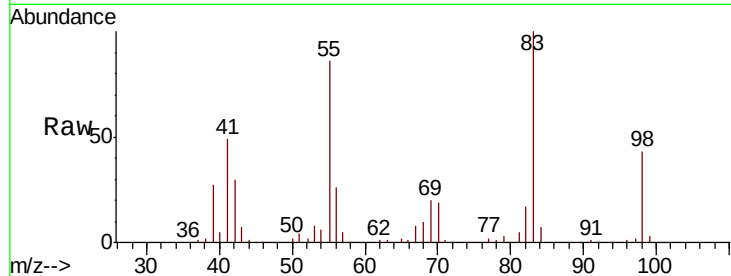




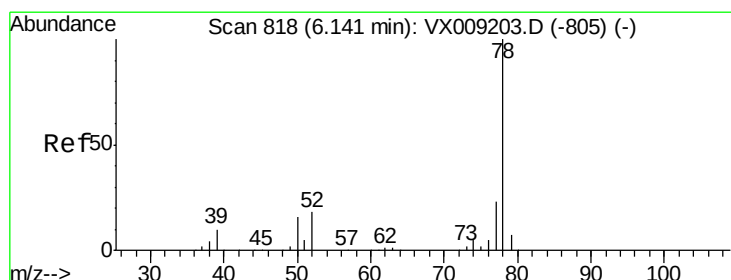
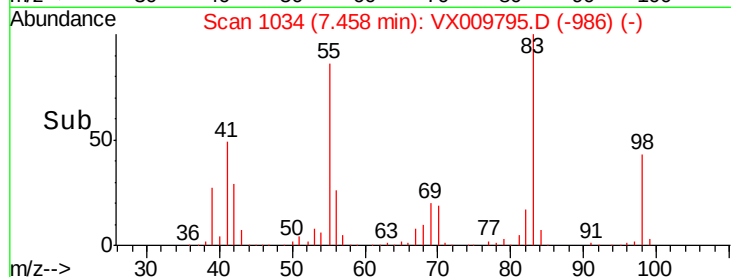
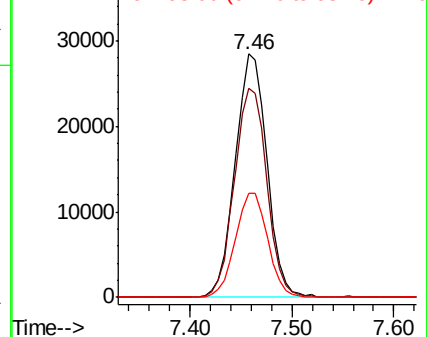
#39
Methylvlcyclohexane
Concen: 18.628 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :

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

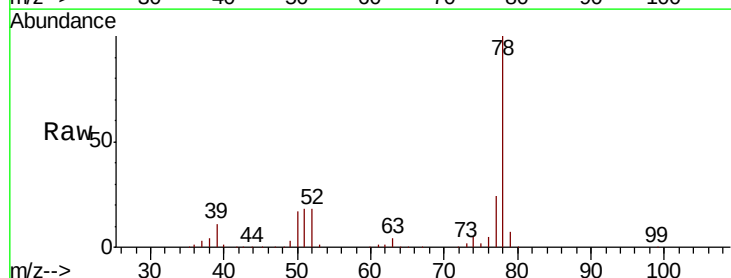


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

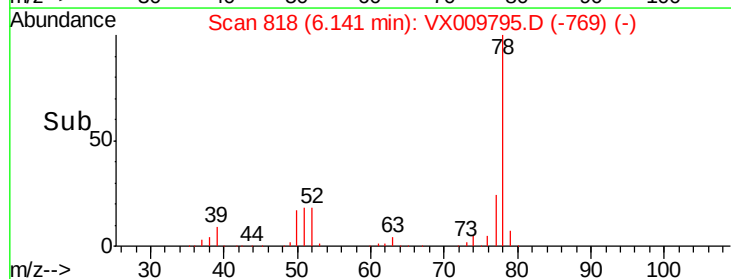
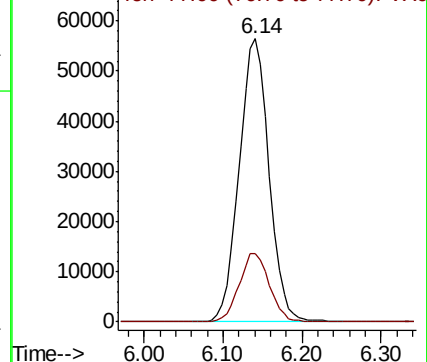


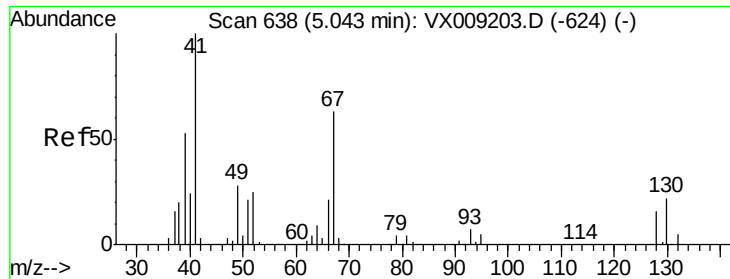
#40
Benzene
Concen: 17.929 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

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

ClientSampled :

Tot Ion: 41 Resp: 37750

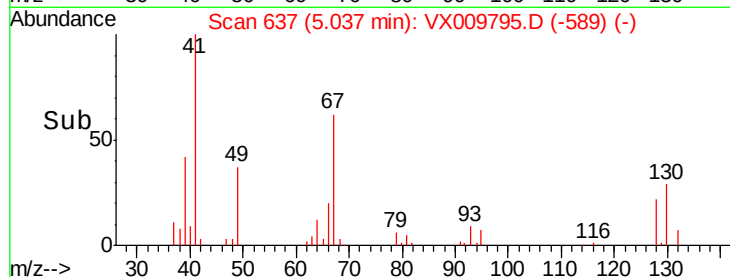
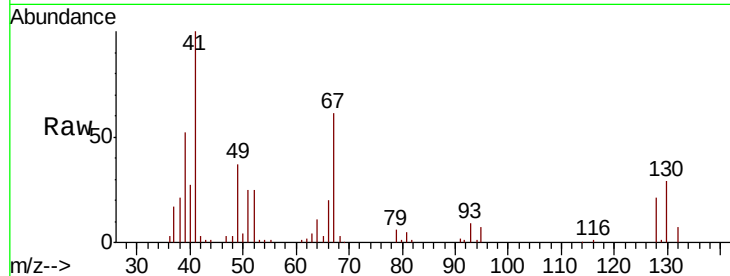
Ion Ratio Lower Upper

41 100

39 54.2 42.0 63.0

67 63.6 49.8 74.8

52 28.6 20.3 30.5

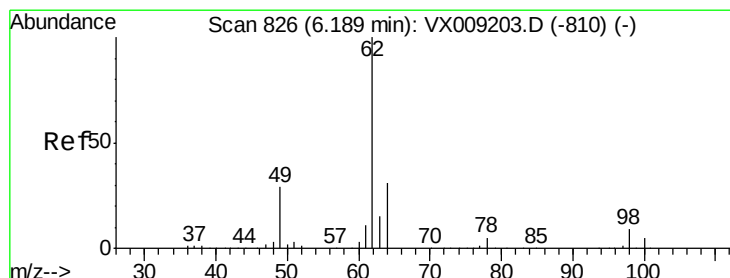
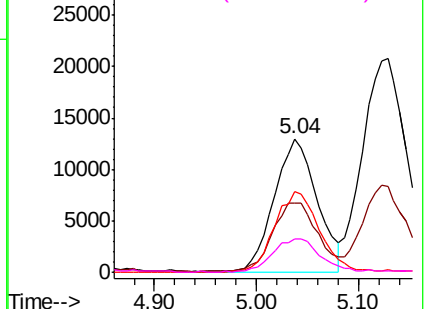


Abundance Ion 41.00 (40.70 to 41.70): VX0

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

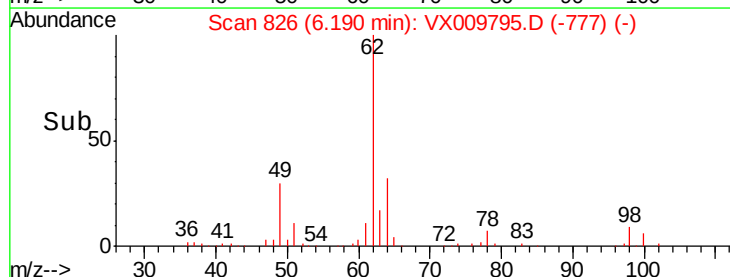
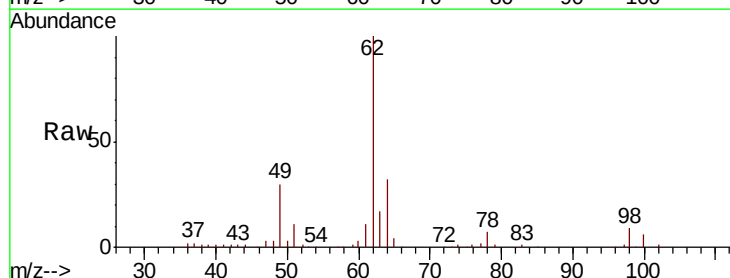
Acq: 22 May 2019 11:40

Tgt Ion: 62 Resp: 55535

Ion Ratio Lower Upper

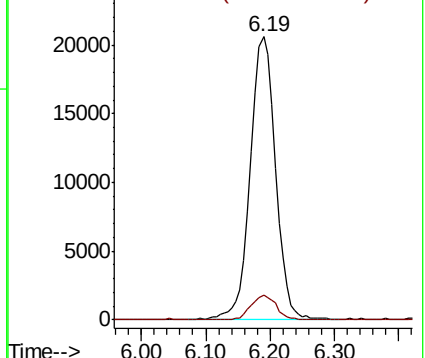
62 100

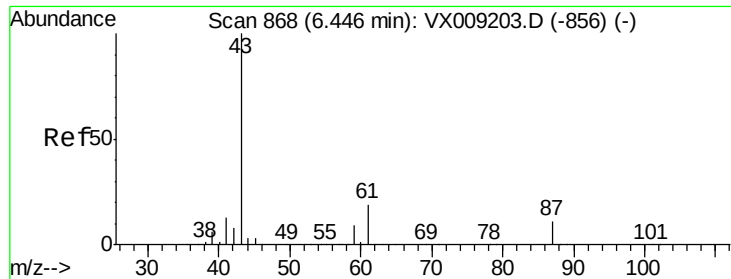
98 8.5 0.0 18.2



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 :

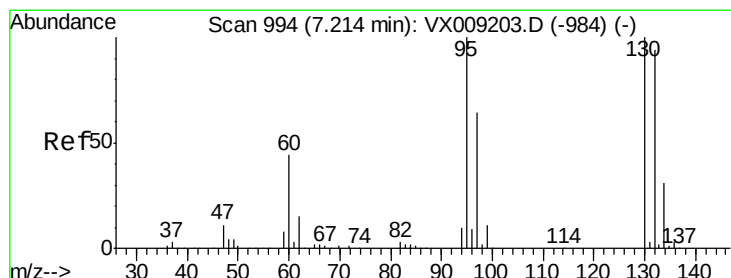
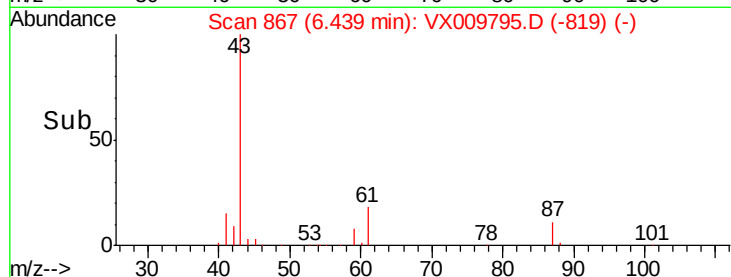
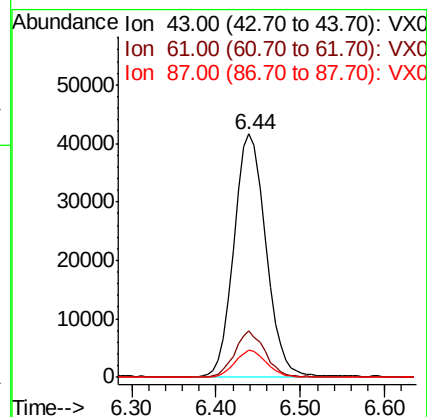
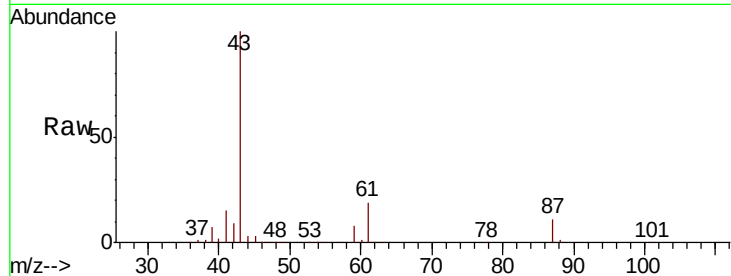
Tot Ion: 43 Resp: 106757

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

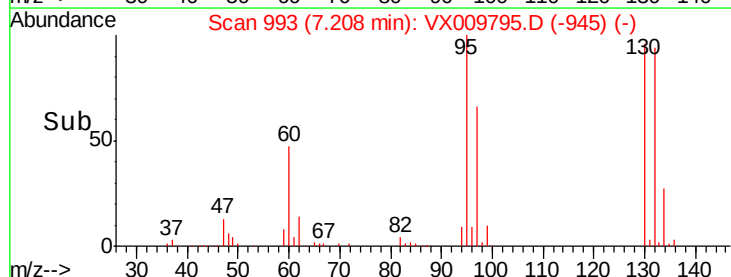
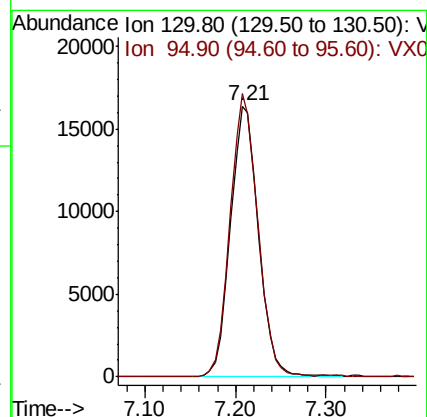
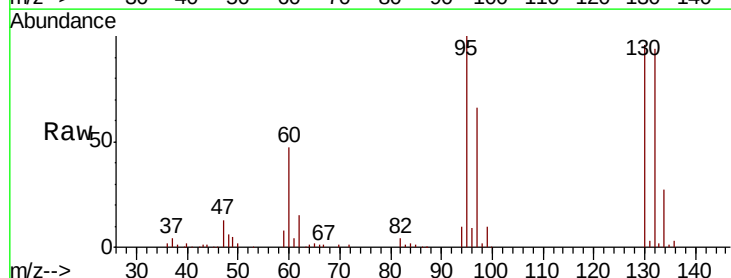
Acq: 22 May 2019 11:40

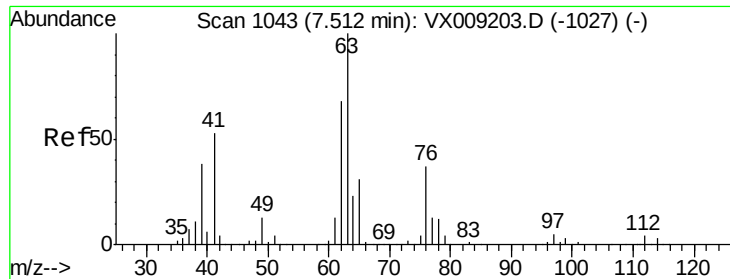
Tgt Ion:130 Resp: 35189

Ion Ratio Lower Upper

130 100

95 104.6 0.0 199.2

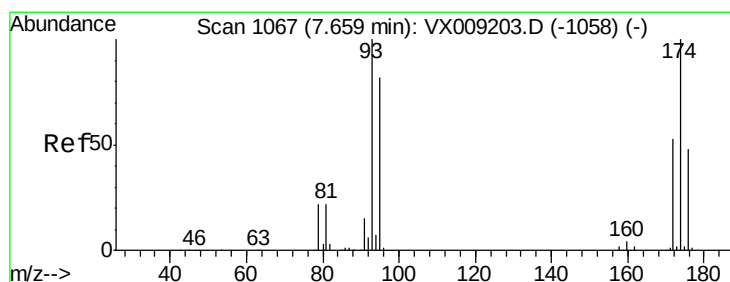
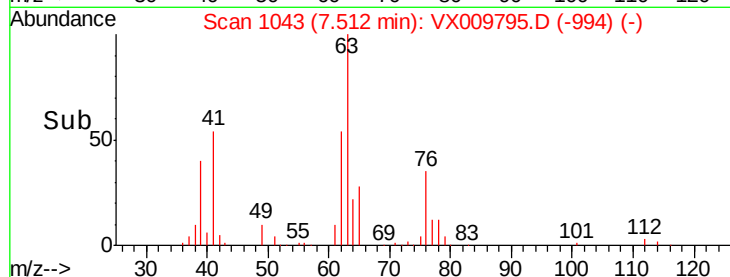
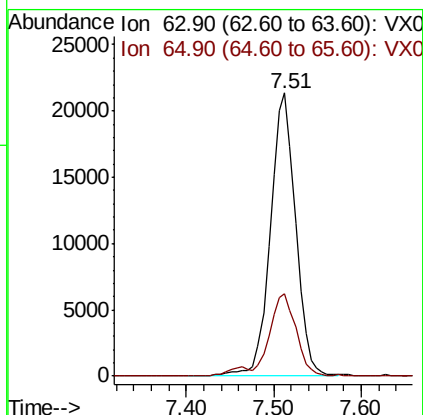
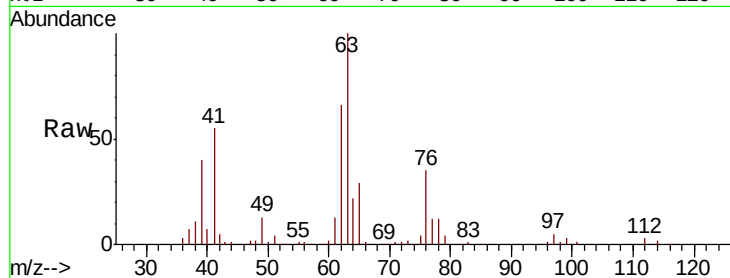




#45
 1,2-Dichloropropane
 Concen: 18.296 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

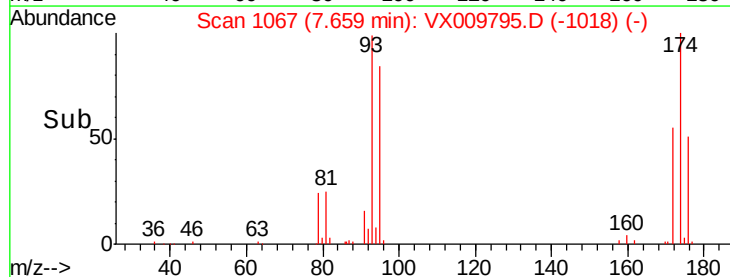
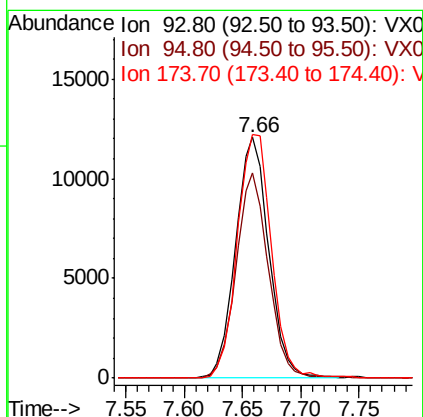
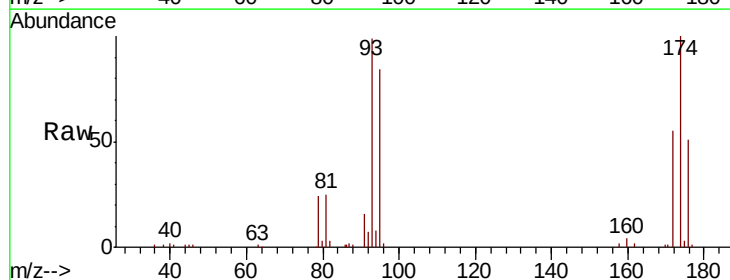
Instrument :
 MSVOA_X
 ClientSampleId :

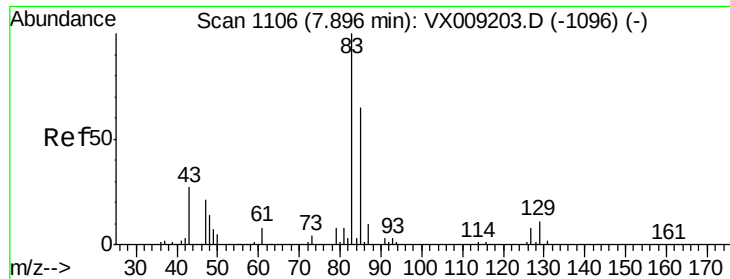
Tot Ion: 63 Resp: 42923
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.6



#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





#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 :

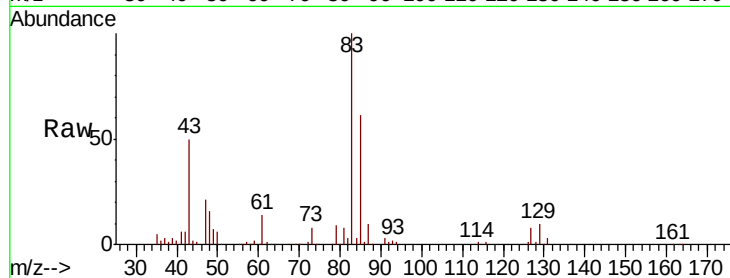
Tot Ion: 83 Resp: 47491

Ion Ratio Lower Upper

83 100

85 61.3 52.4 78.6

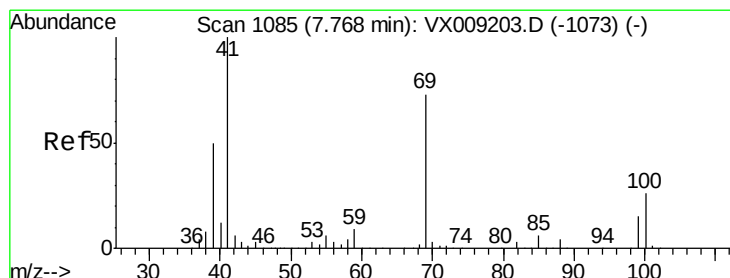
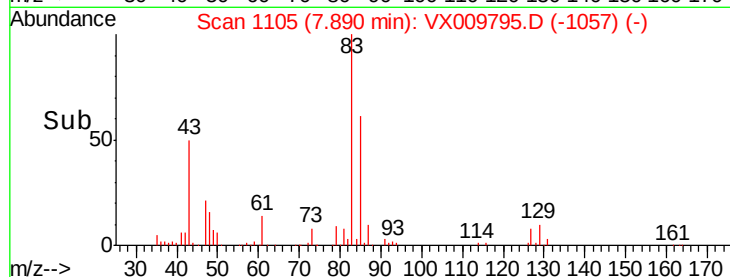
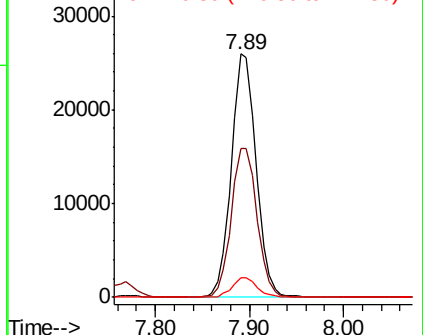
127 7.9 6.6 10.0



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

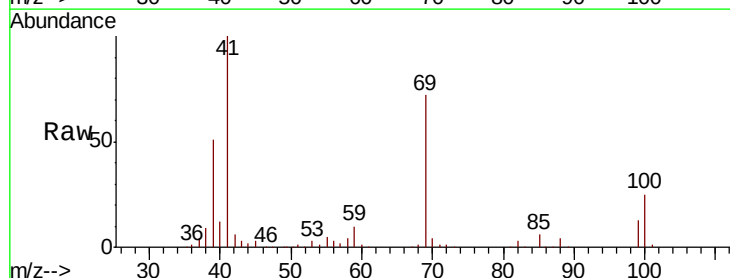
Tgt Ion: 41 Resp: 54184

Ion Ratio Lower Upper

41 100

69 71.0 59.1 88.7

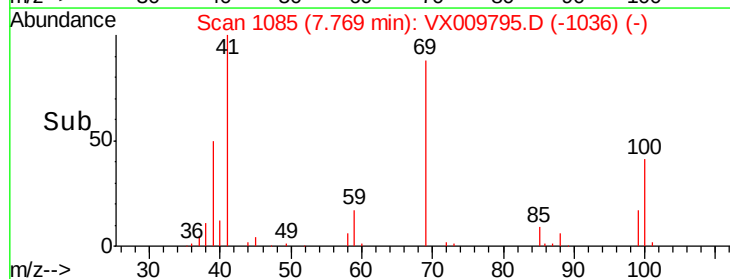
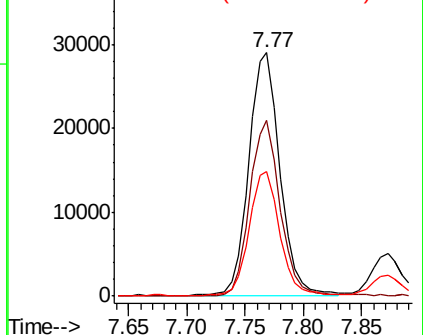
39 51.0 40.4 60.6

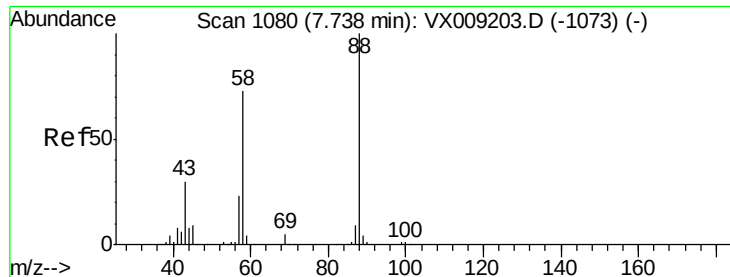


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

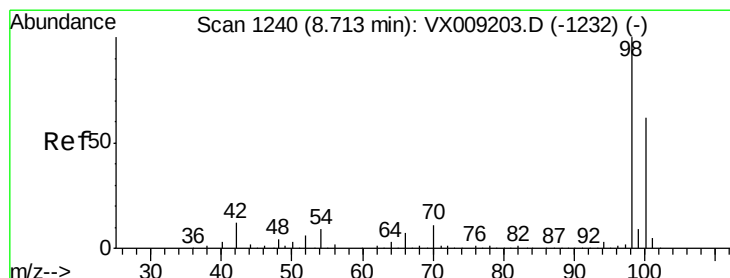
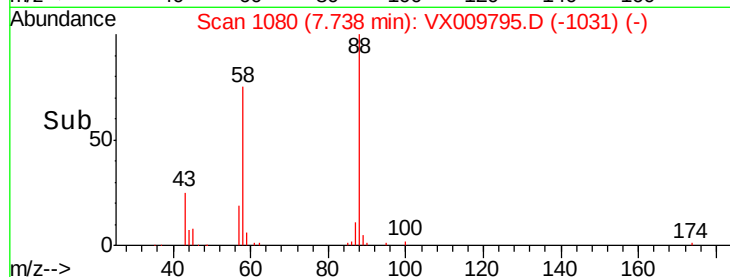
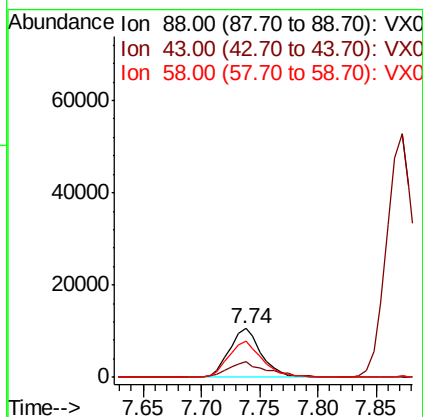
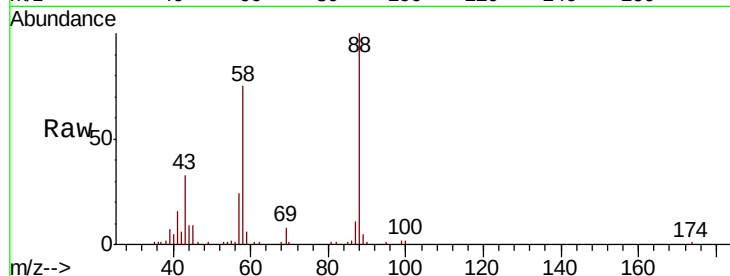




#49
1,4-Dioxane
Concen: 342.176 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

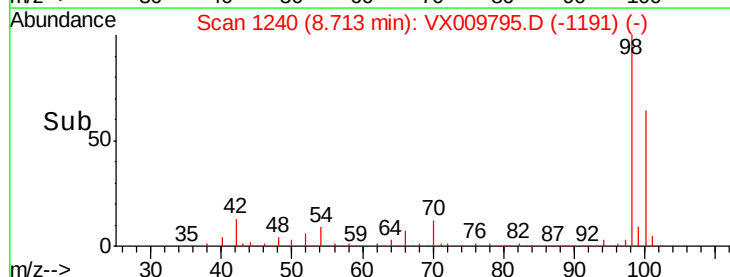
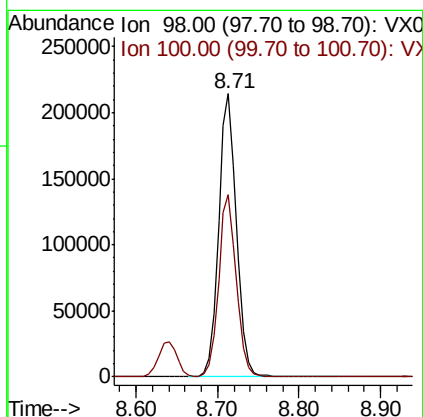
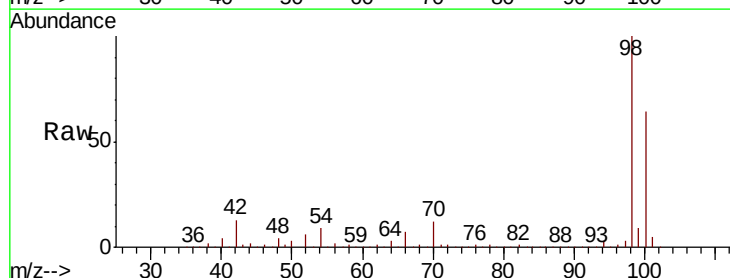
Instrument :
MSVOA_X
ClientSampleId :

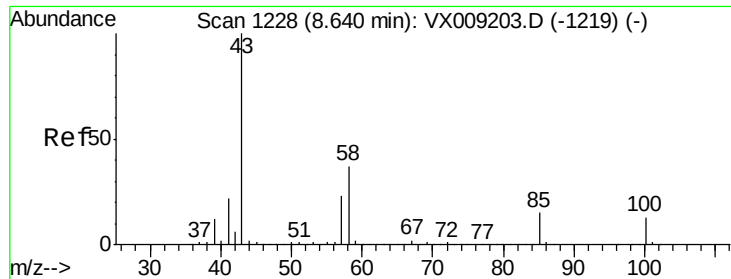
Tot Ion: 88 Resp: 20541
Ion Ratio Lower Upper
88 100
43 36.7 28.6 42.8
58 78.3 61.7 92.5



#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

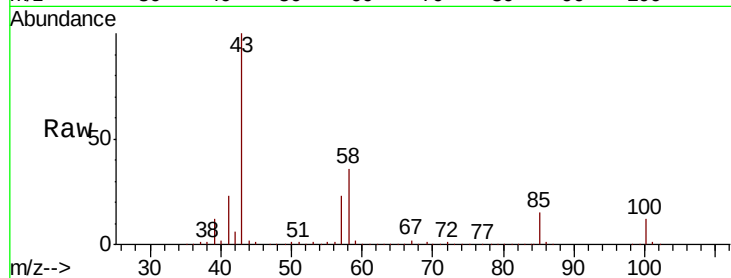
ClientSampleId :

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

8.64

250000

200000

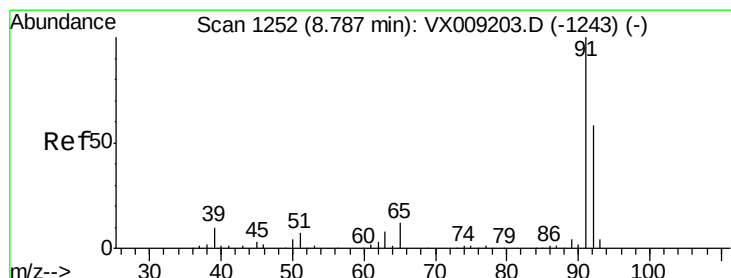
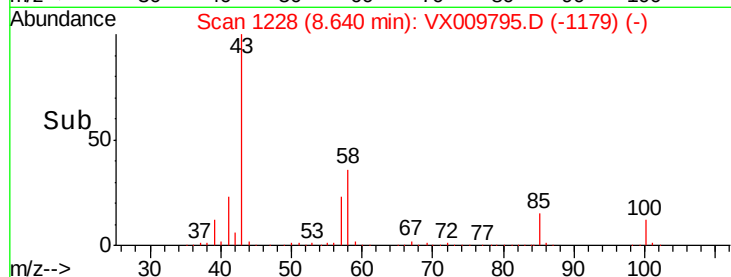
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 18.156 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009795.D

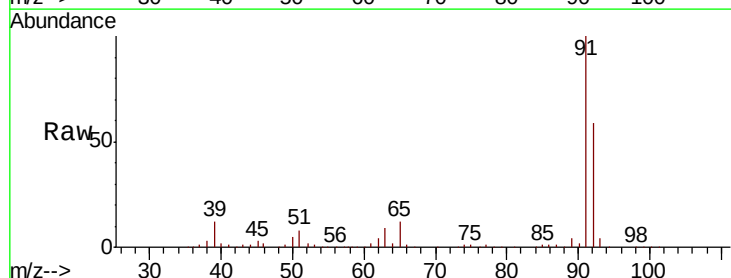
Acq: 22 May 2019 11:40

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

120000

100000

80000

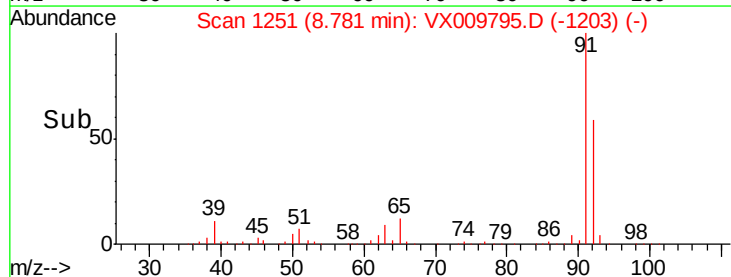
60000

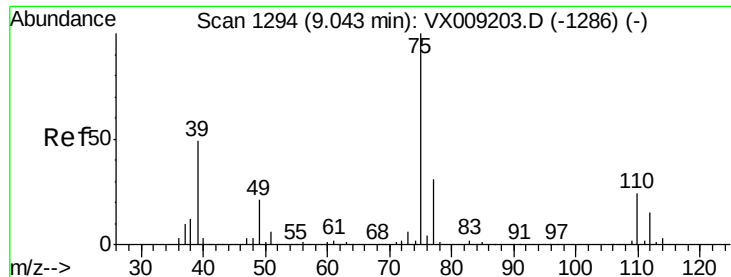
40000

20000

0

Time--> 8.70 8.80 8.90





#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

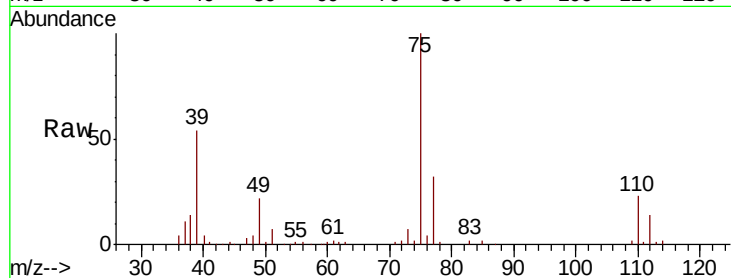
ClientSampleId :

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

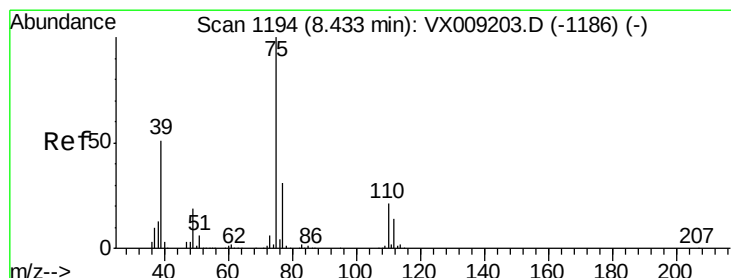
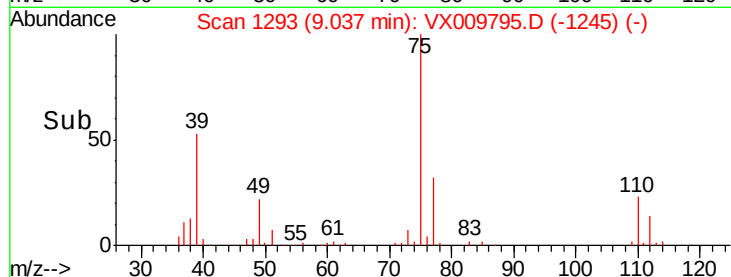
20000

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

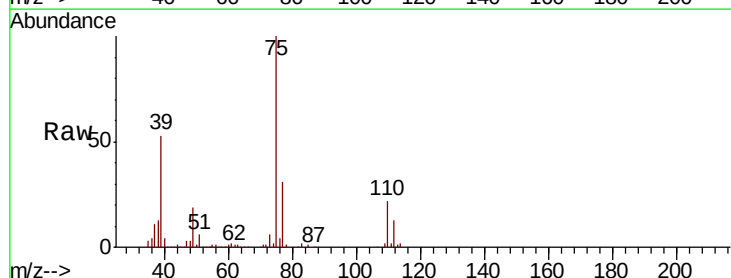
Tgt Ion: 75 Resp: 60562

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

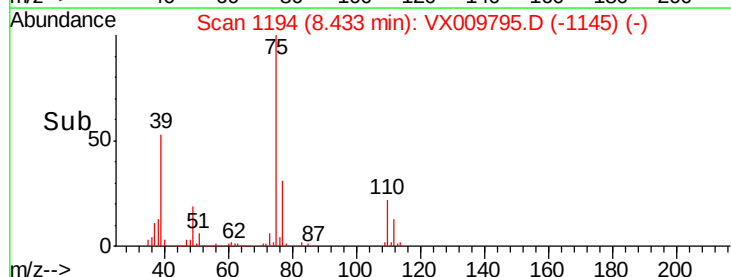
20000

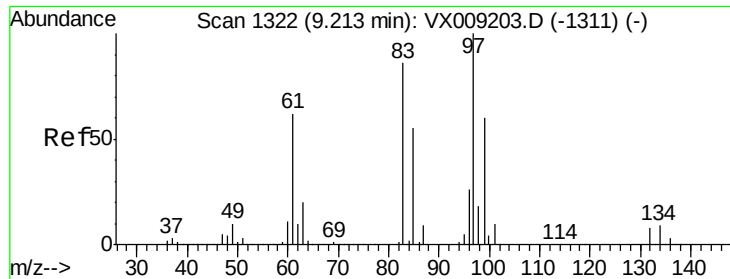
10000

0

8.40 8.50

Time-->

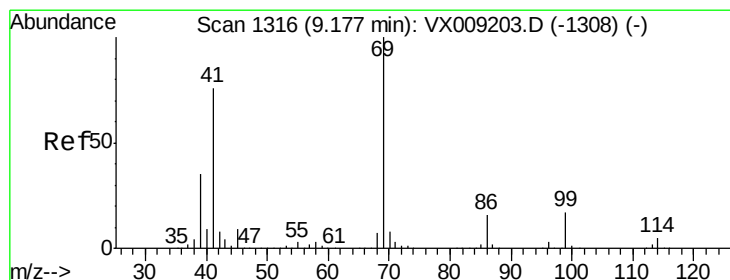
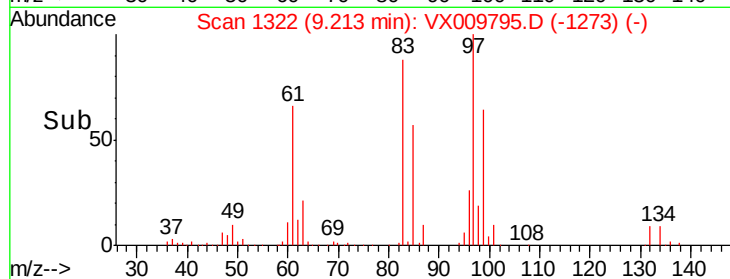
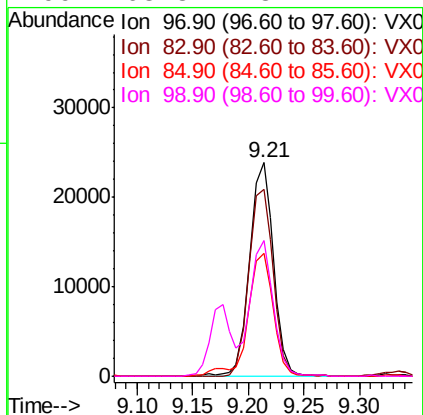
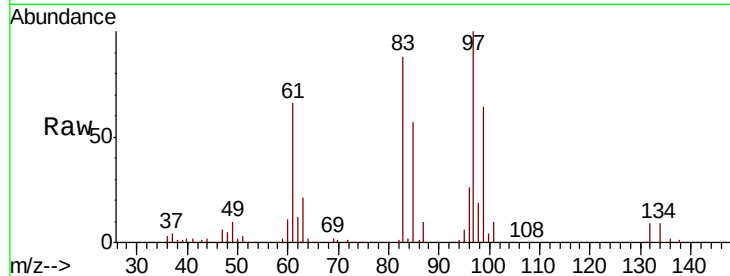




#55
 1,1,2-Trichloroethane
 Concen: 17.437 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

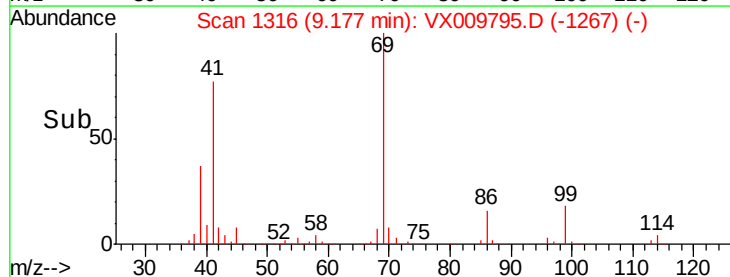
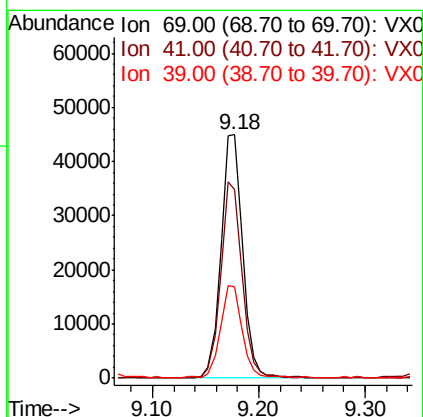
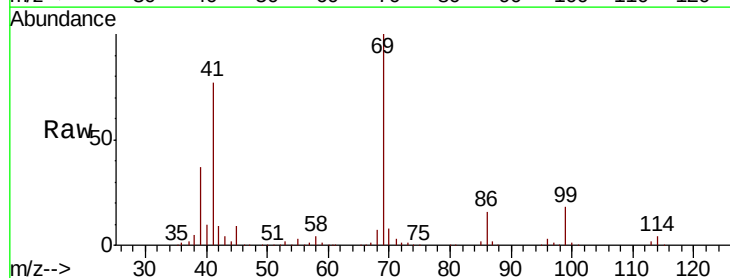
Instrument :
 MSVOA_X
 ClientSampleId :

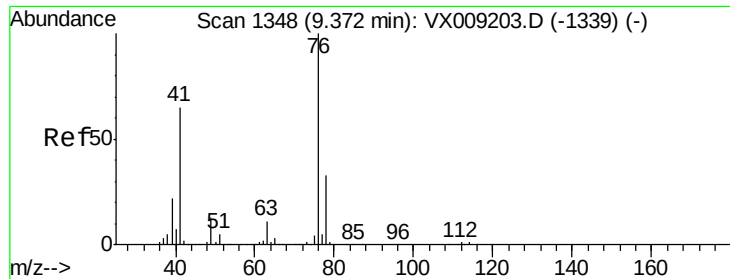
Tot Ion:	97	Resp:	35828
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.9	103.3
85	57.4	43.8	65.6
99	63.8	48.2	72.2



#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

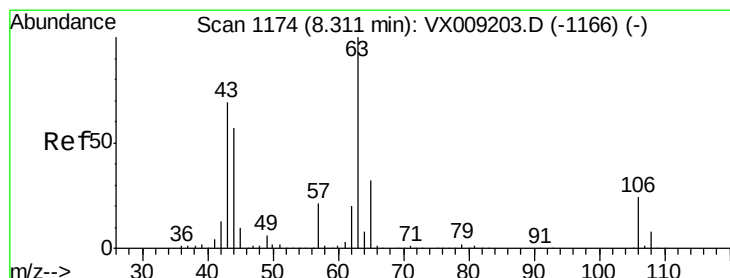
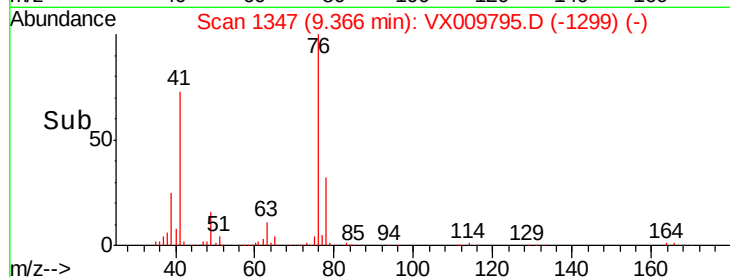
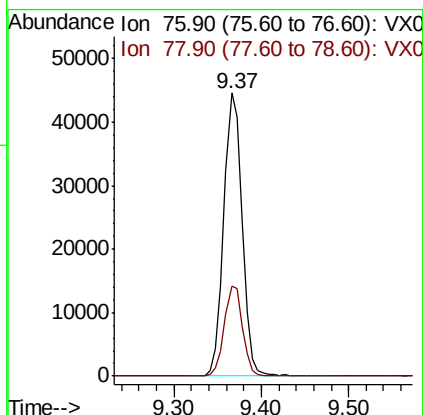
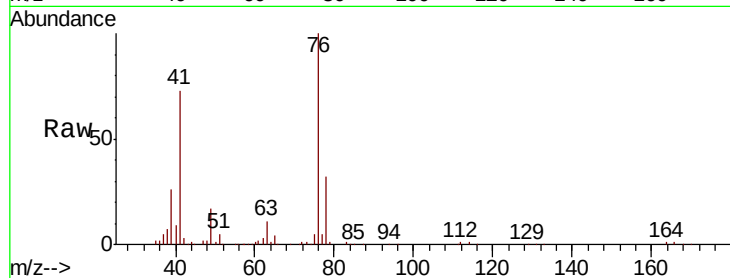




#57
 1,3-Dichloropropane
 Concen: 17.966 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

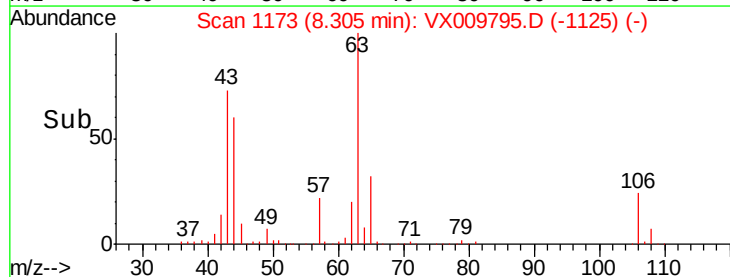
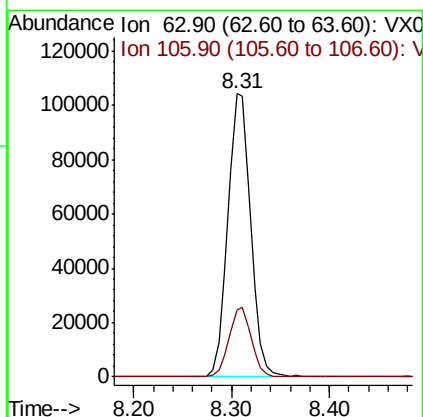
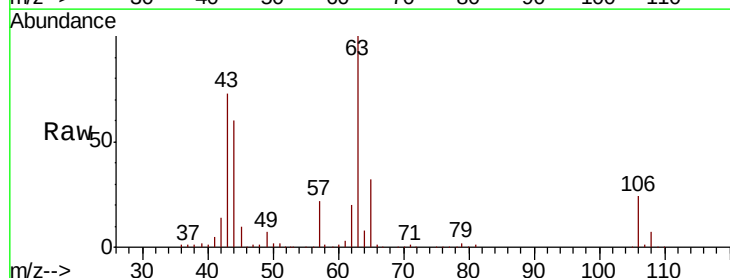
Instrument :
 MSVOA_X
 ClientSampleId :

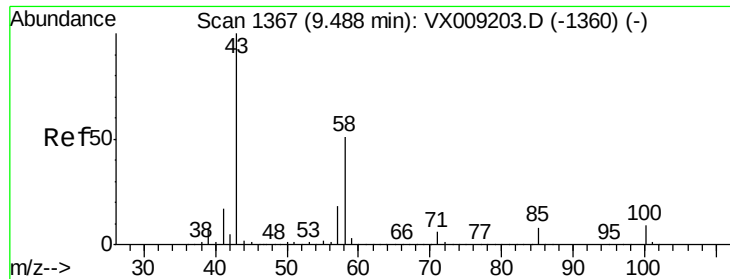
Tot Ion: 76 Resp: 64963
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3



#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

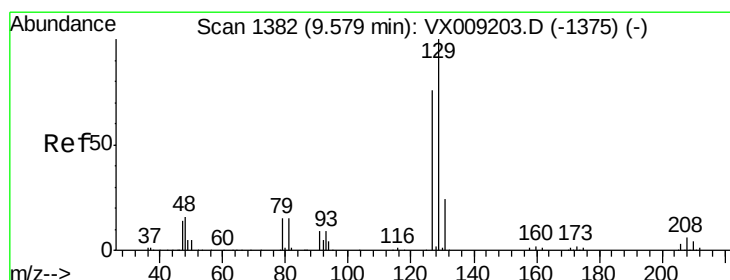
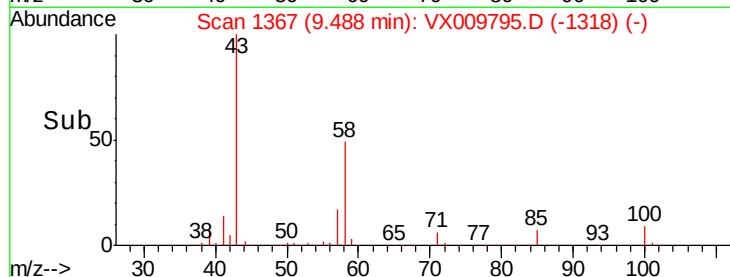
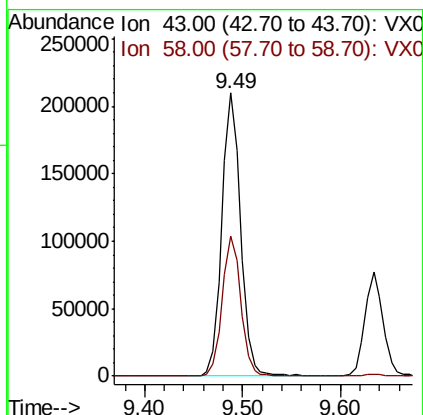
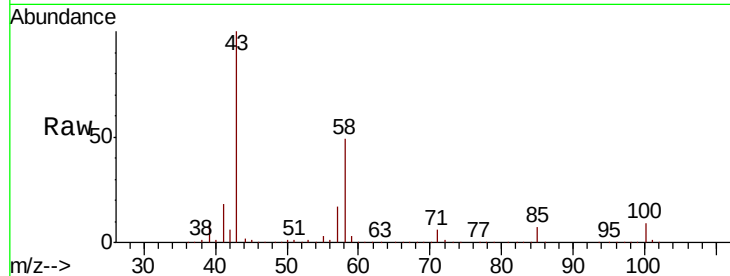




#59
2-Hexanone
Concen: 91.130 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

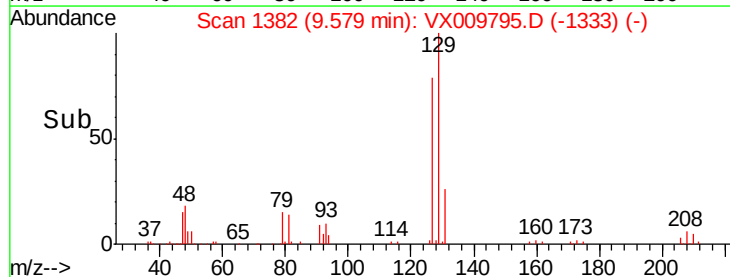
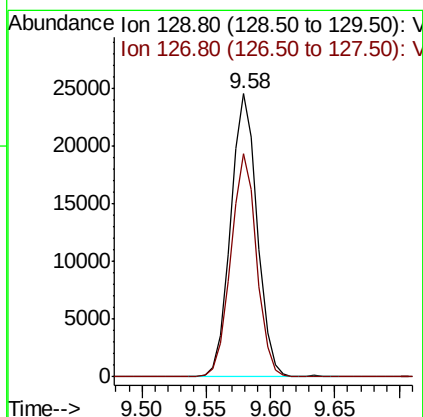
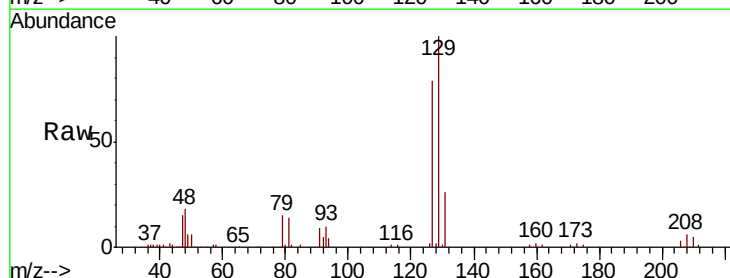
Instrument :
MSVOA_X
ClientSampleId :

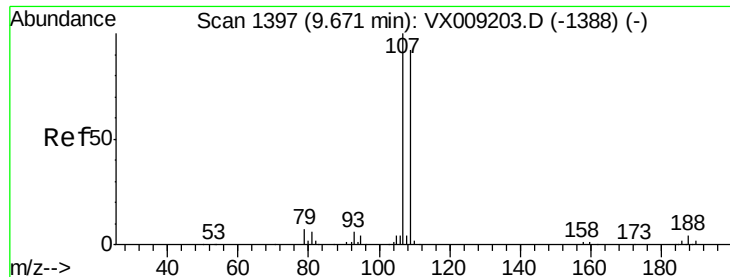
Tot Ion: 43 Resp: 279118
Ion Ratio Lower Upper
43 100
58 49.5 25.9 77.7



#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

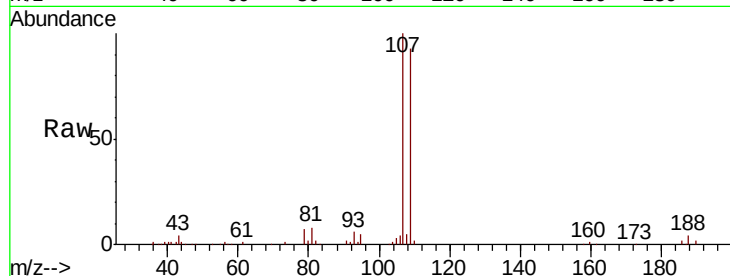
ClientSampled :

Tot Ion:107 Resp: 36756

Ion Ratio Lower Upper

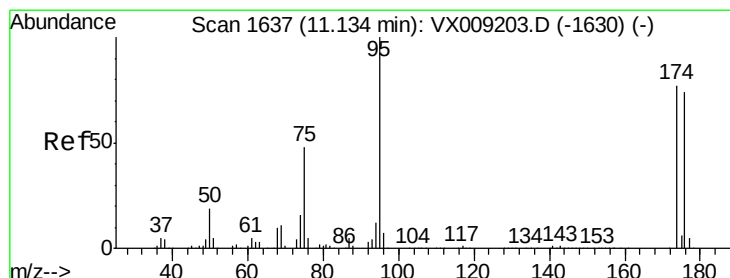
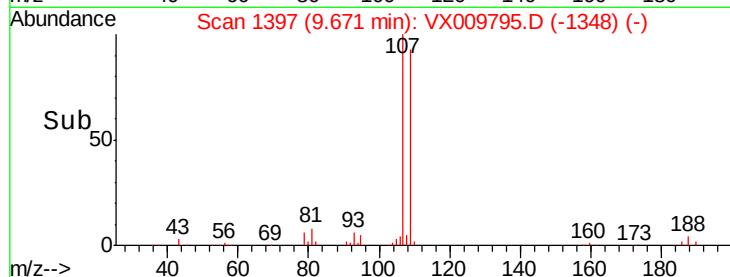
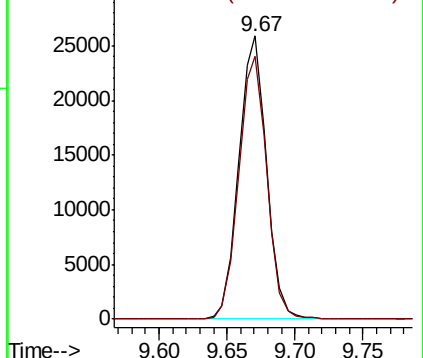
107 100

109 93.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 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

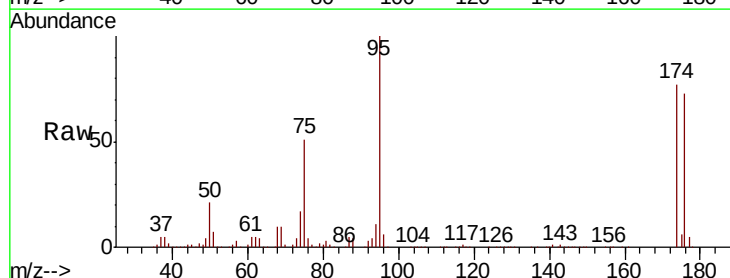
Tgt Ion: 95 Resp: 119744

Ion Ratio Lower Upper

95 100

174 79.7 0.0 161.6

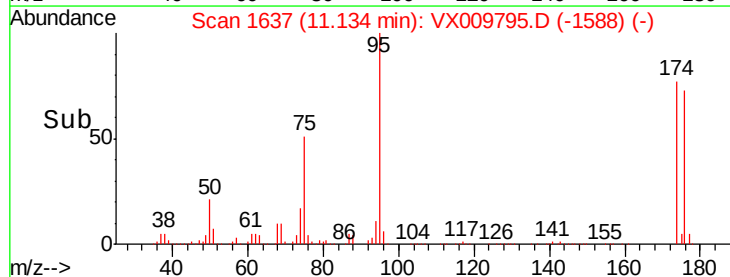
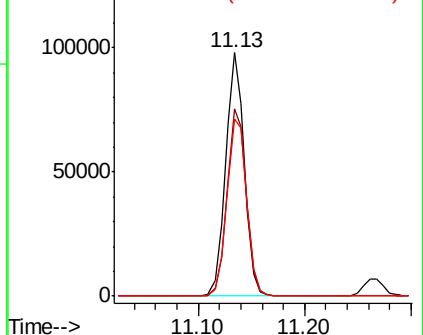
176 77.6 0.0 159.2

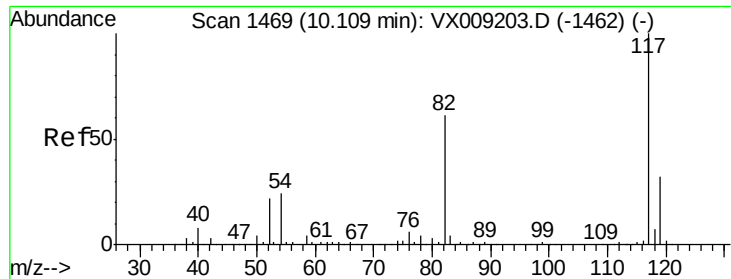


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

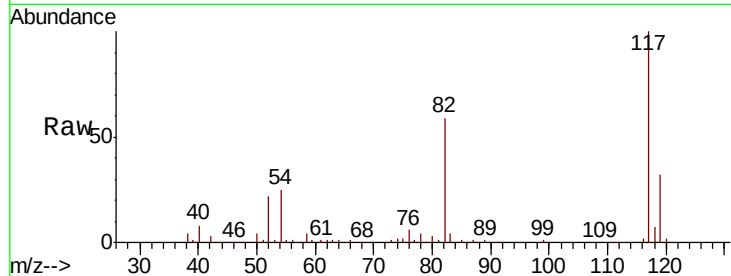




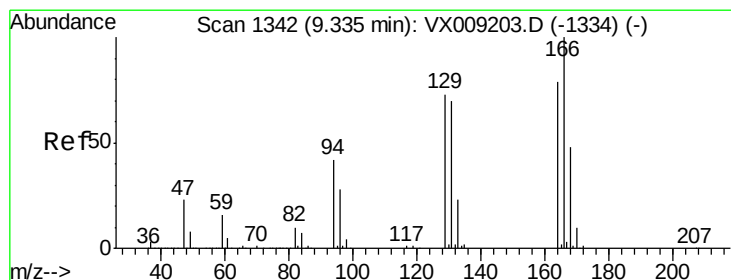
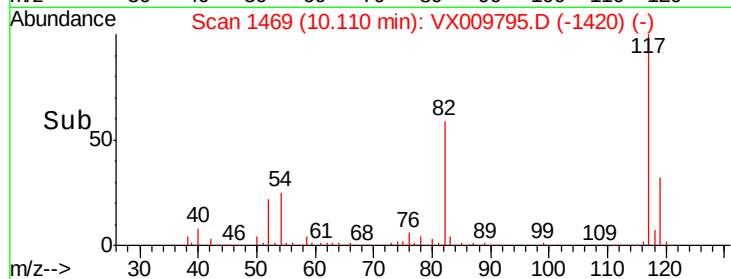
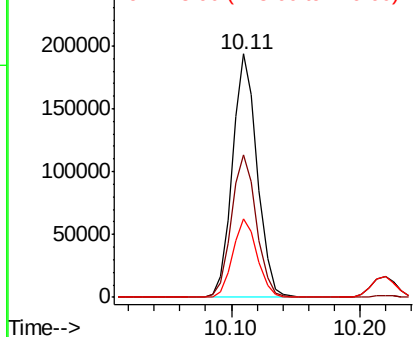
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampled :

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

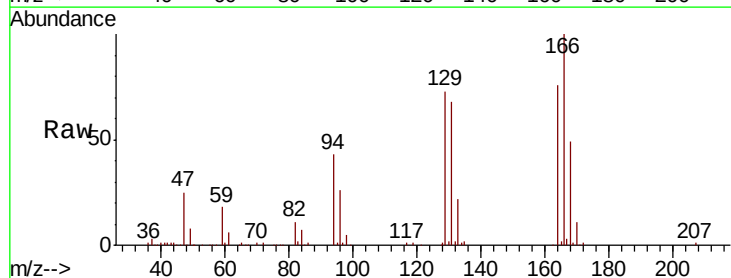


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

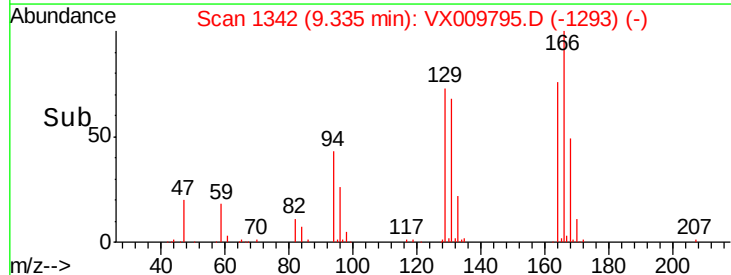
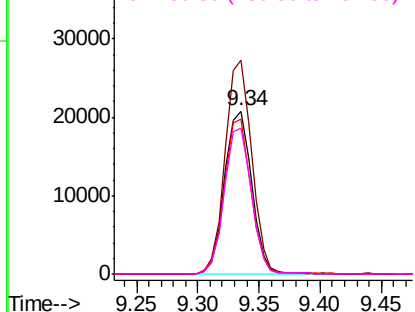


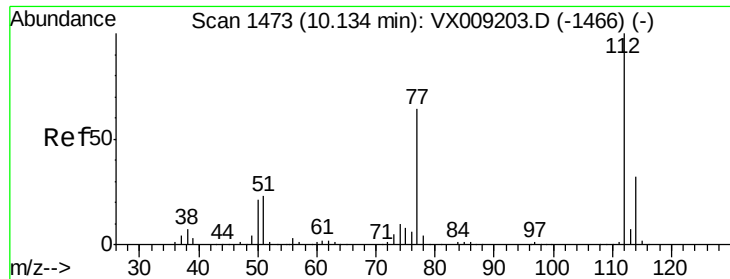
#64
Tetrachloroethene
Concen: 17.999 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

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



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

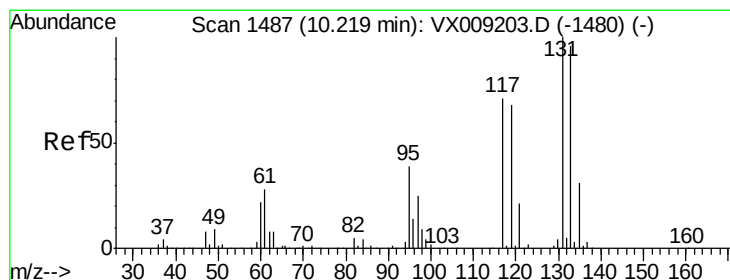
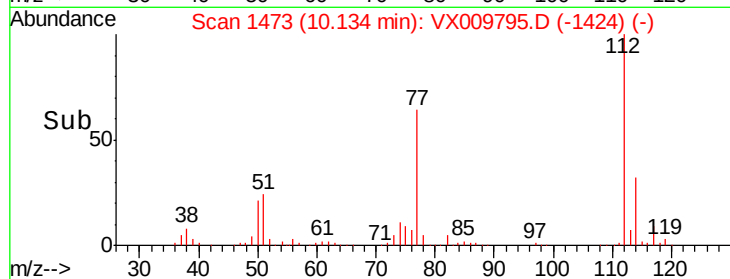
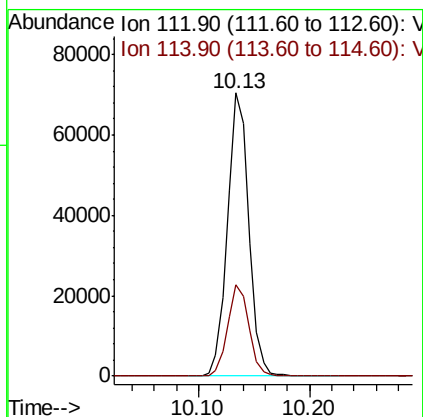
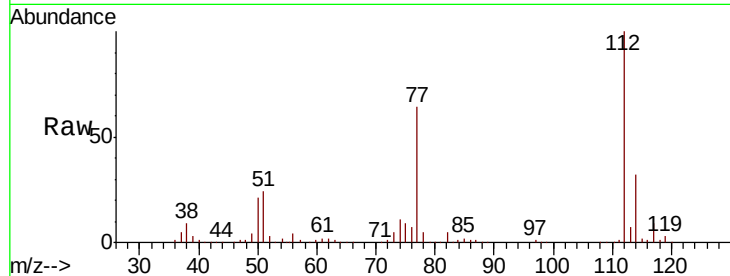




#65
Chlorobenzene
Concen: 18.051 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

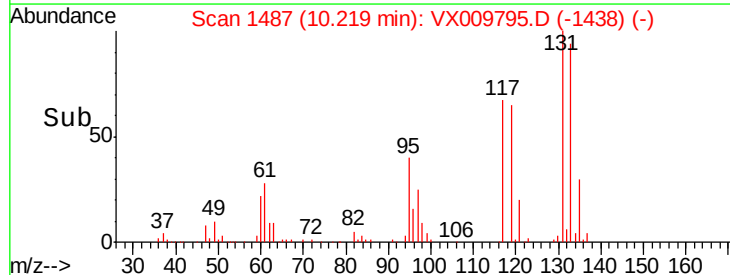
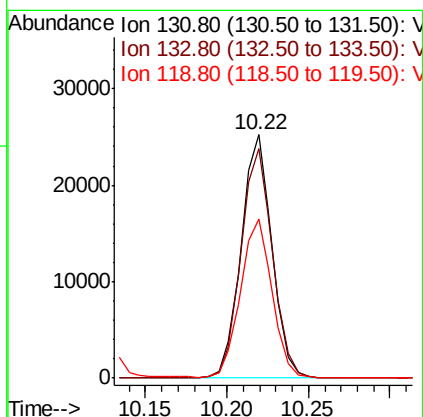
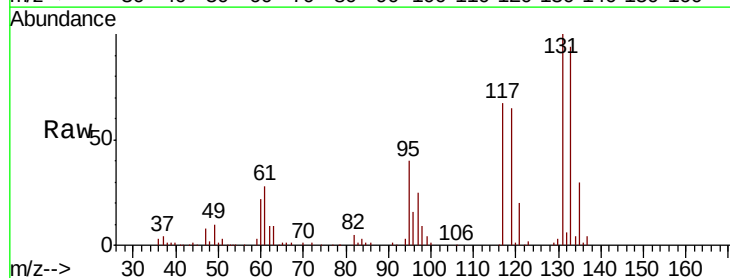
Instrument :
MSVOA_X
ClientSampleId :

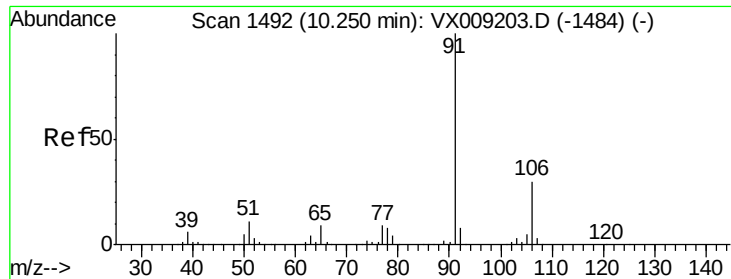
Tot Ion:112 Resp: 93408
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#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

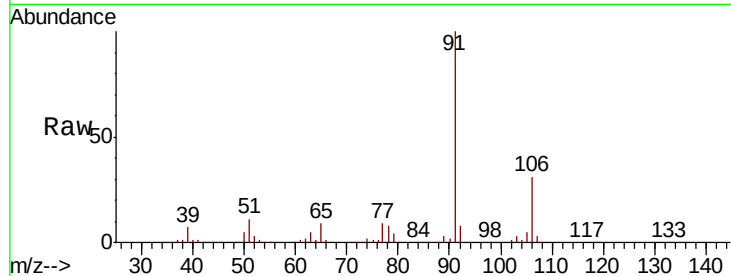
ClientSampled :

Tot Ion: 91 Resp: 174217

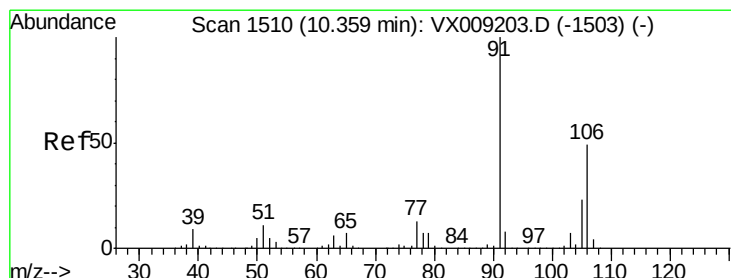
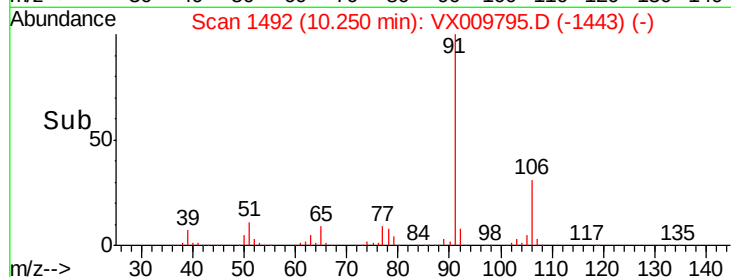
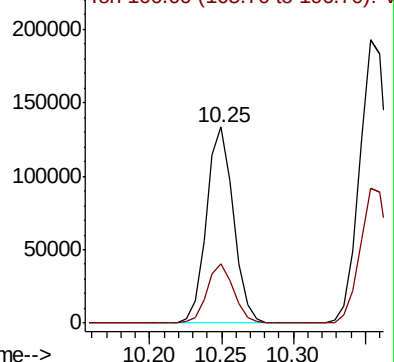
Ion Ratio Lower Upper

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

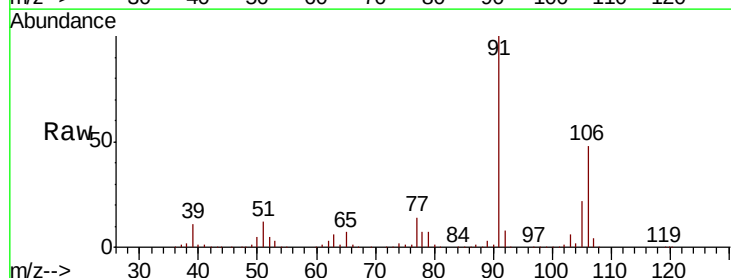
Acq: 22 May 2019 11:40

Tgt Ion: 106 Resp: 127474

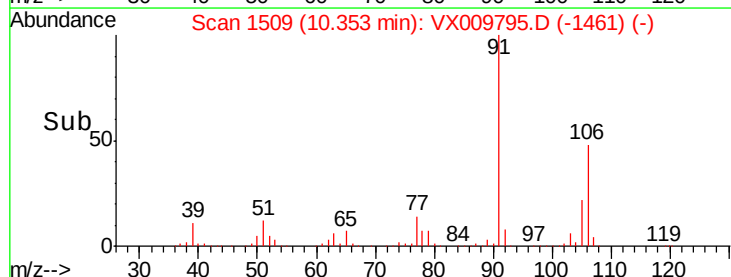
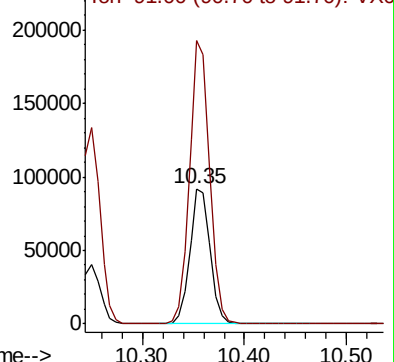
Ion Ratio Lower Upper

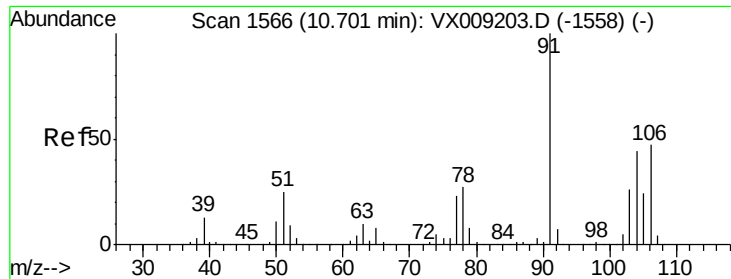
106 100

91 209.0 164.0 246.0



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

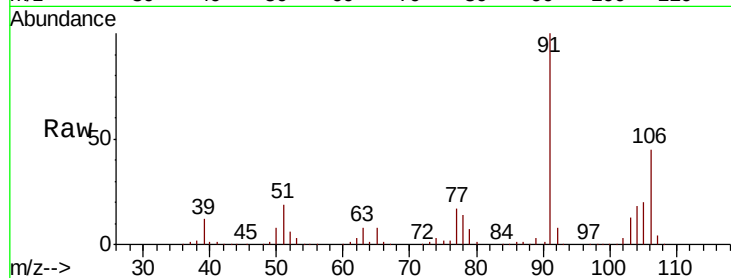




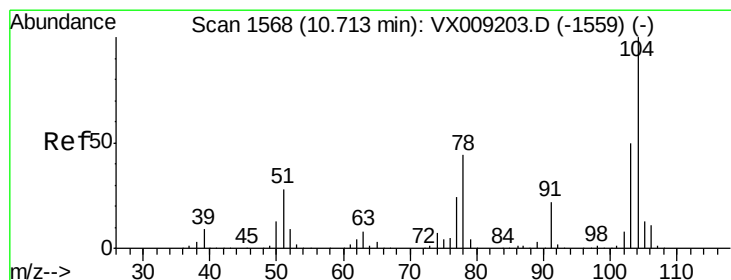
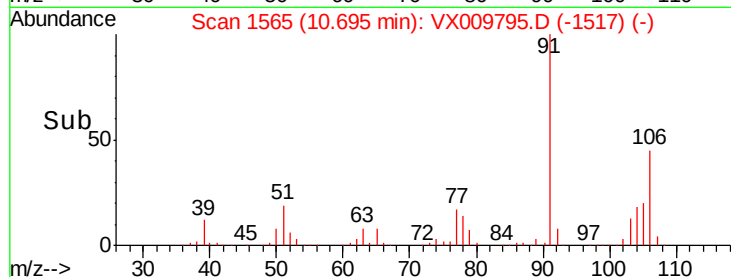
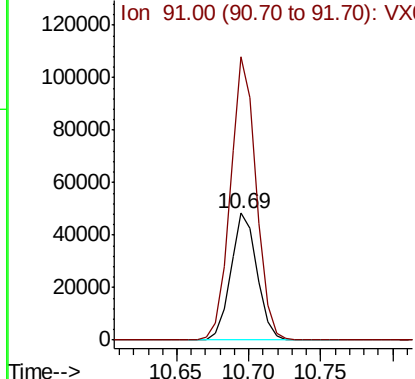
#69
o-Xylene
Concen: 18.117 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampled :

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

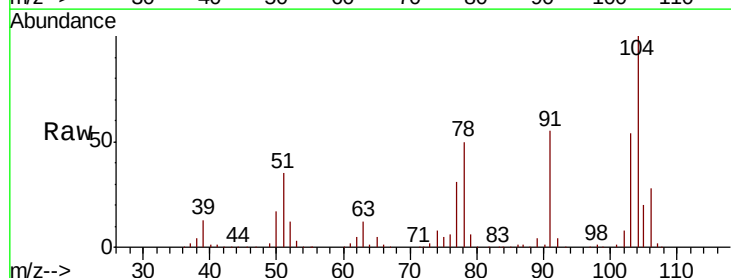


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

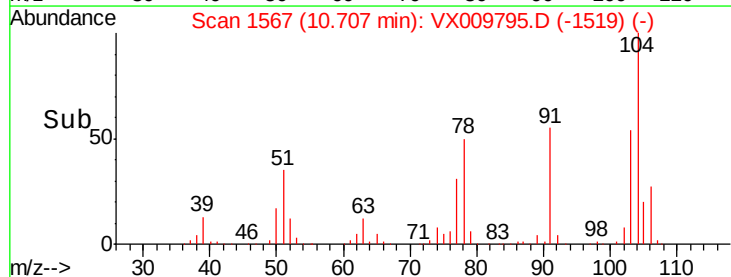
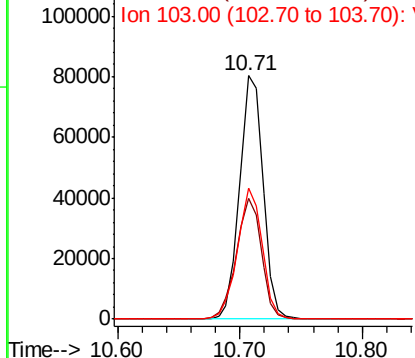


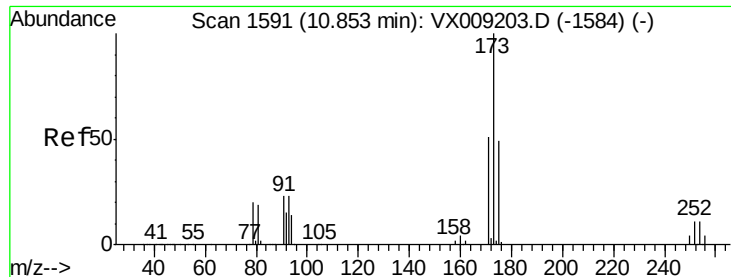
#70
Styrene
Concen: 17.909 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

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



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





#71

Bromoform

Concen: 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

ClientSampled :

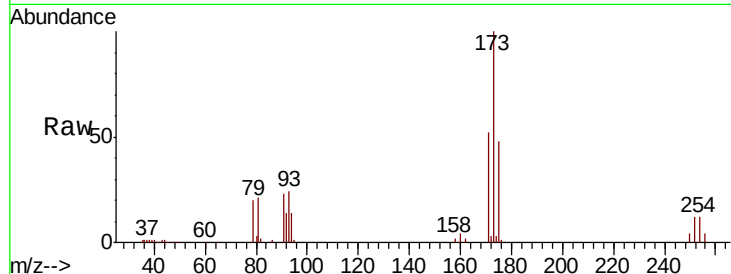
Tot Ion:173 Resp: 25667

Ion Ratio Lower Upper

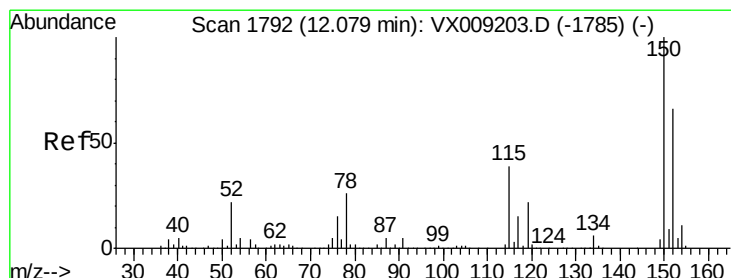
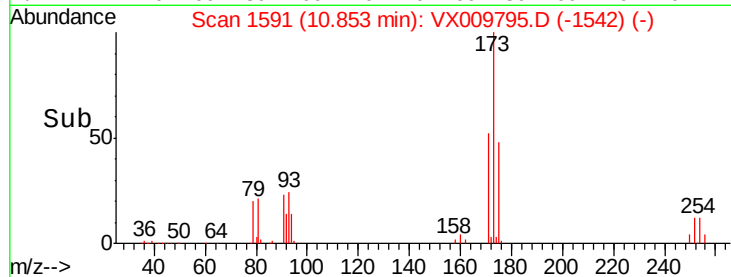
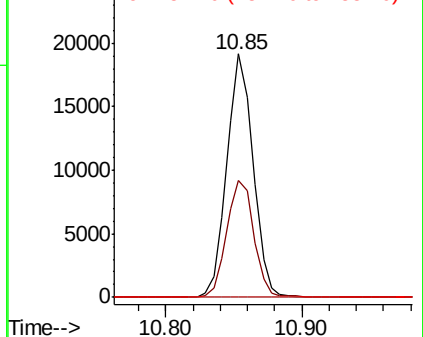
173 100

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

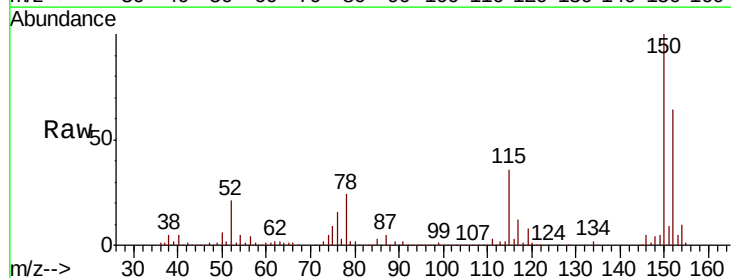
Tgt Ion:152 Resp: 129470

Ion Ratio Lower Upper

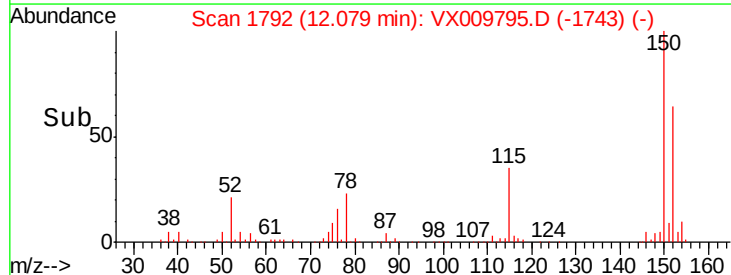
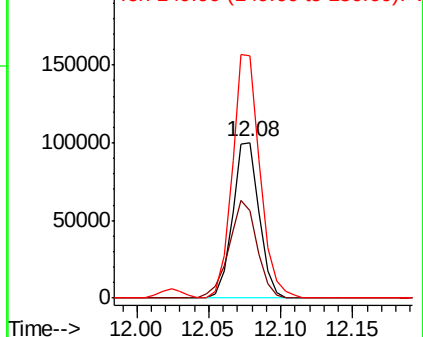
152 100

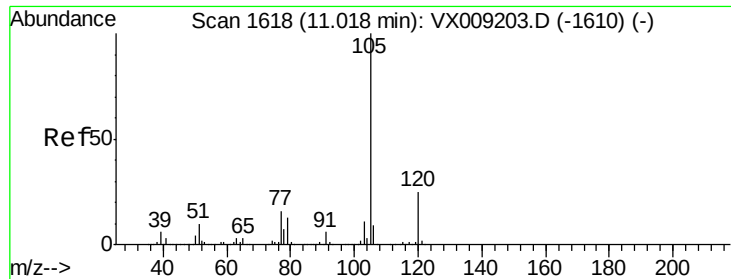
115 66.5 41.2 123.6

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

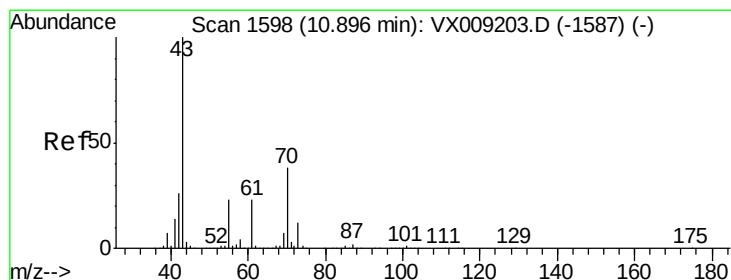
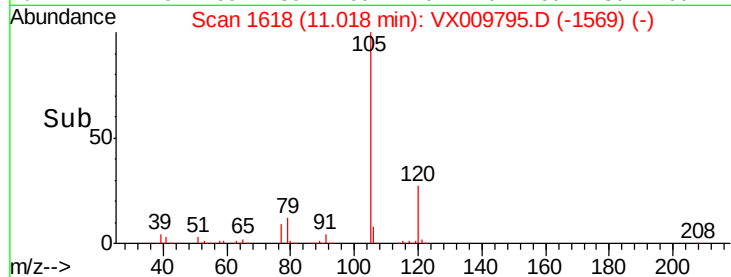
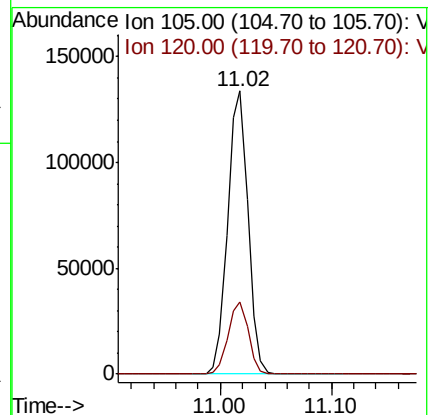
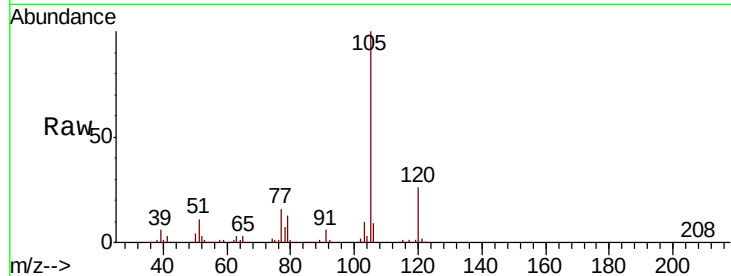
ClientSampleId :

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

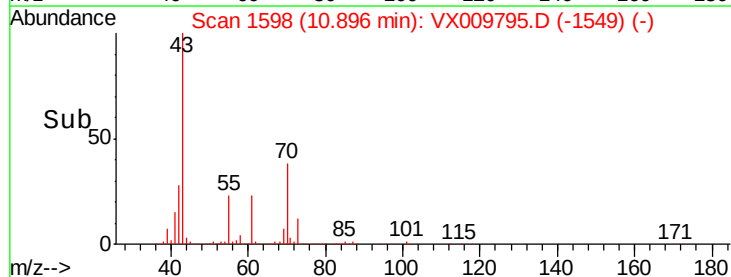
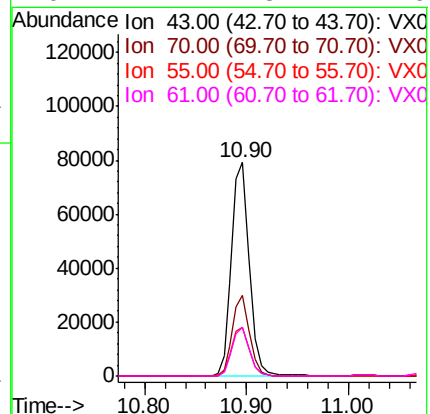
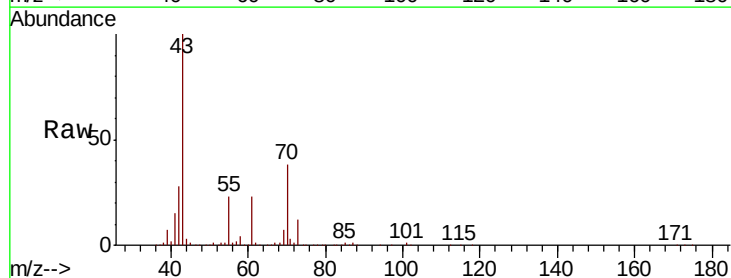
Ion Ratio Lower Upper

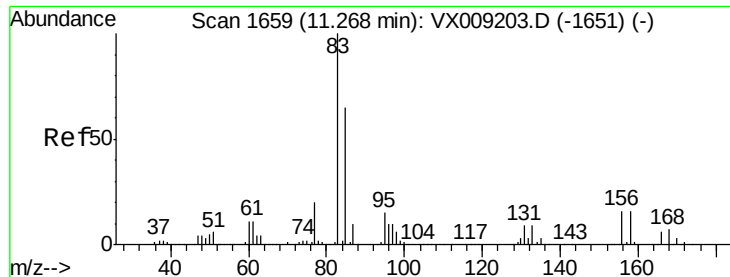
43 100

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

ClientSampled :

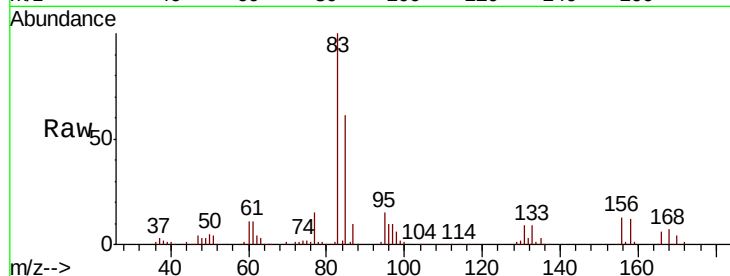
Tot Ion: 83 Resp: 60327

Ion Ratio Lower Upper

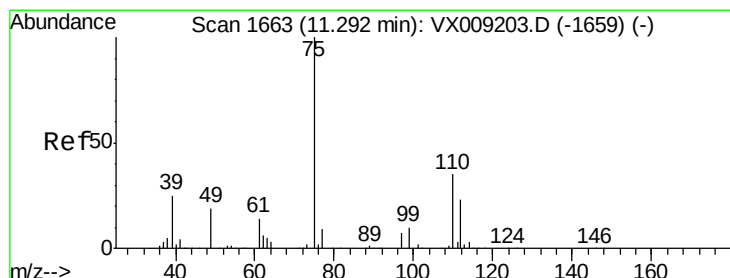
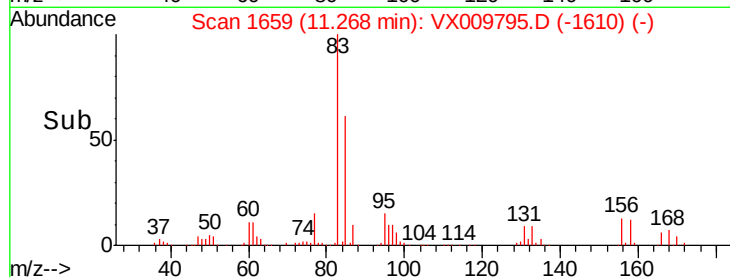
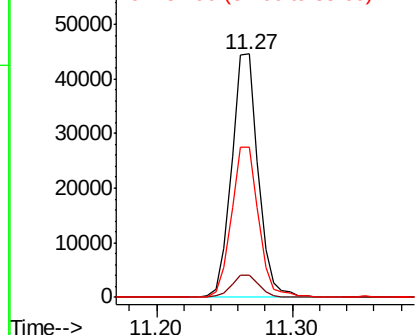
83 100

131 9.5 4.6 13.8

85 63.0 32.0 96.2



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

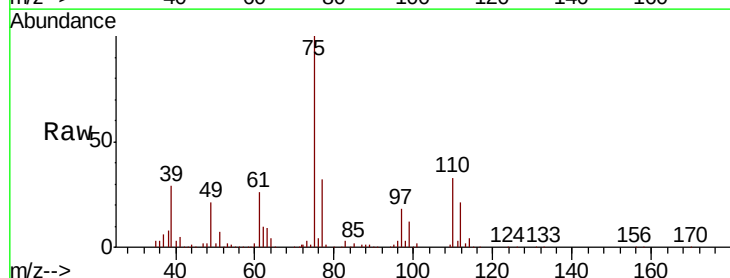
Acq: 22 May 2019 11:40

Tgt Ion: 75 Resp: 68988

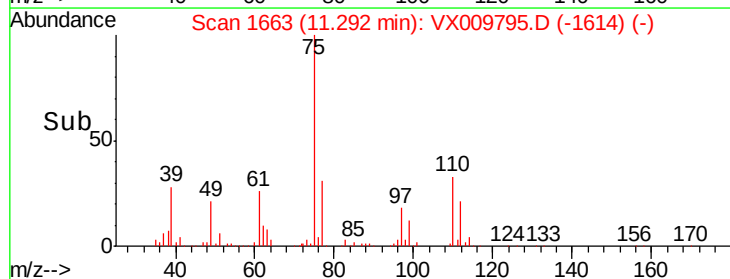
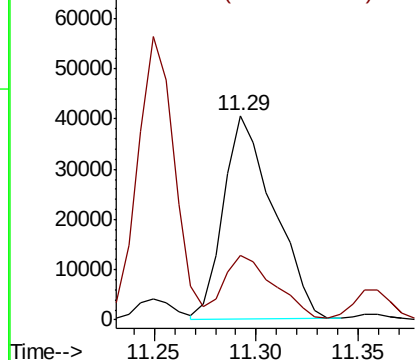
Ion Ratio Lower Upper

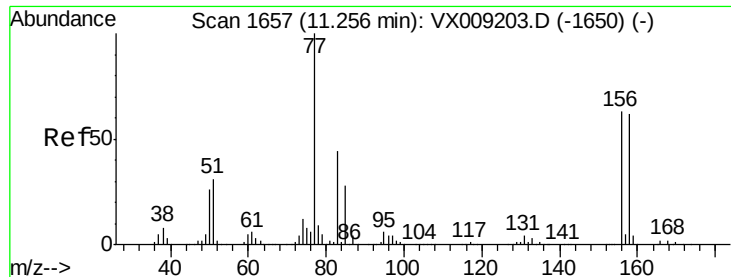
75 100

77 32.3 22.1 66.1



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 :

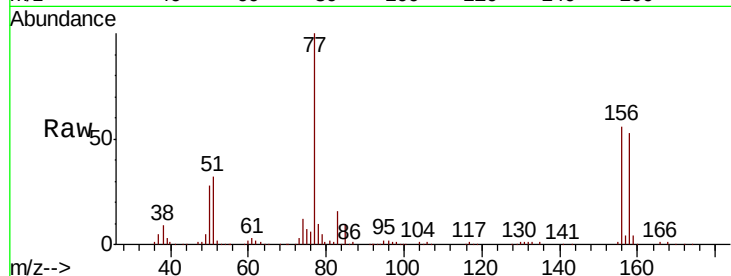
Tot Ion:156 Resp: 41512

Ion Ratio Lower Upper

156 100

77 169.7 84.8 254.3

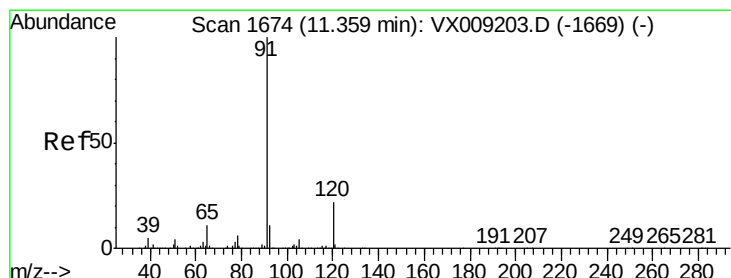
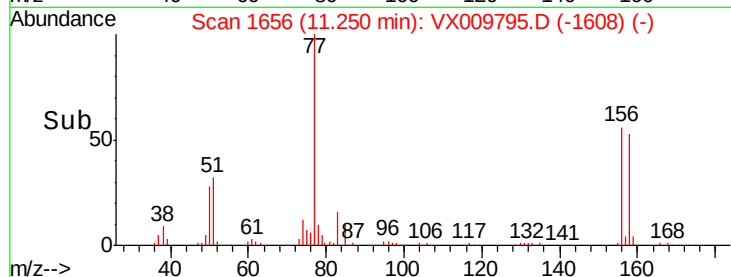
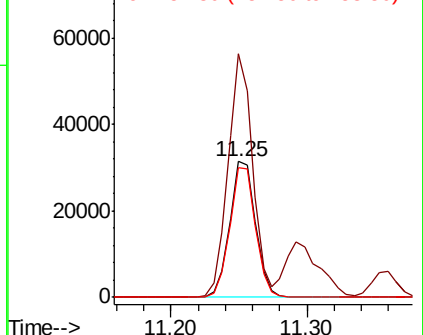
158 95.0 49.1 147.3



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

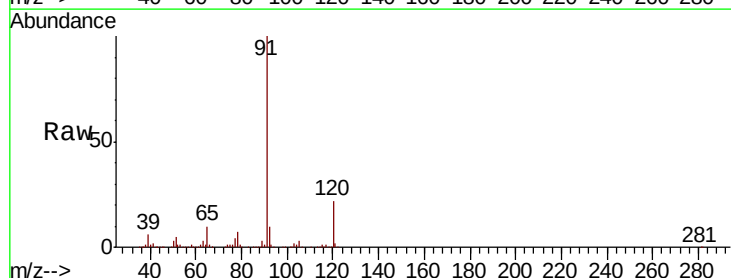
Acq: 22 May 2019 11:40

Tgt Ion: 91 Resp: 194786

Ion Ratio Lower Upper

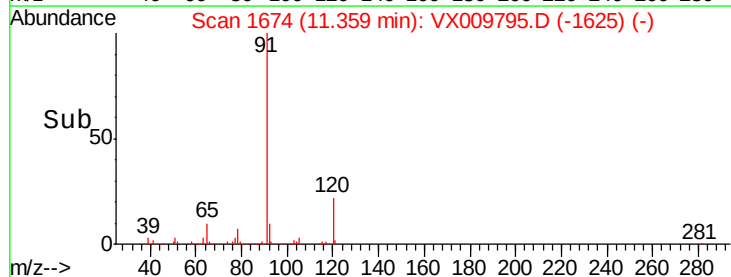
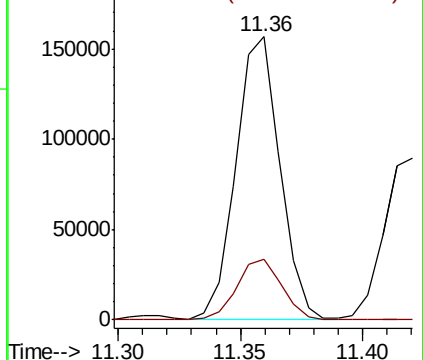
91 100

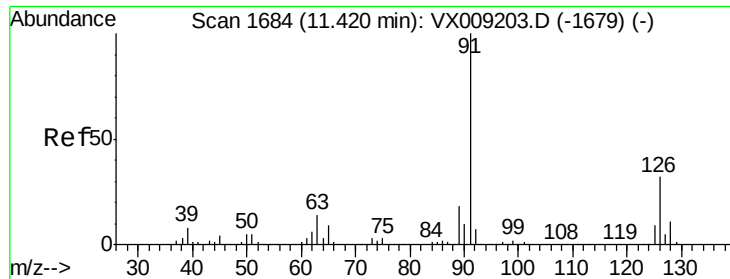
120 22.0 11.0 33.0



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

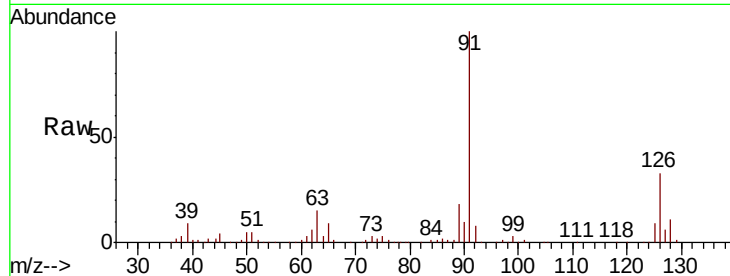
ClientSampleId :

Tot Ion: 91 Resp: 114978

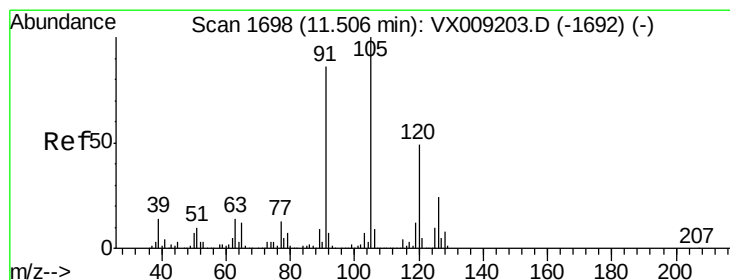
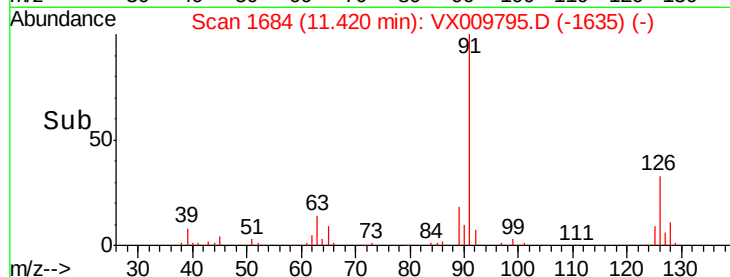
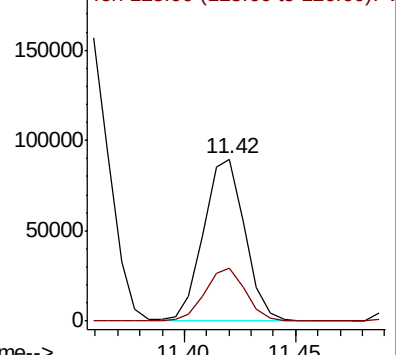
Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009795.D (-1679) (-)



#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

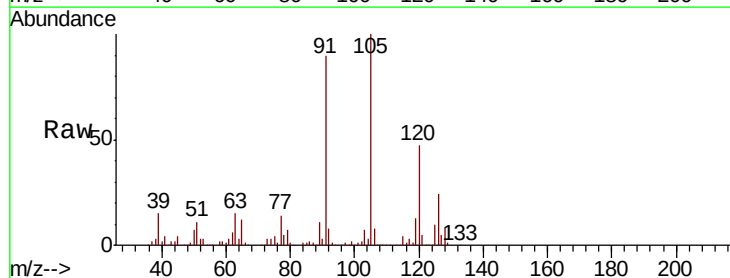
Acq: 22 May 2019 11:40

Tgt Ion:105 Resp: 142605

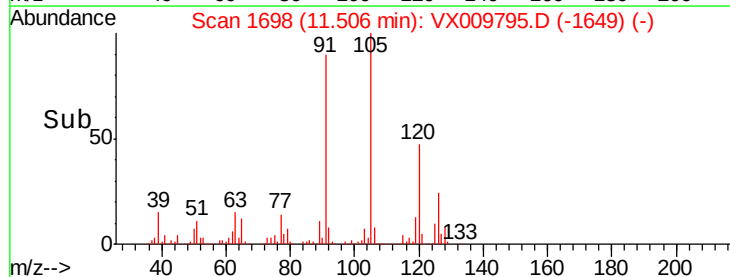
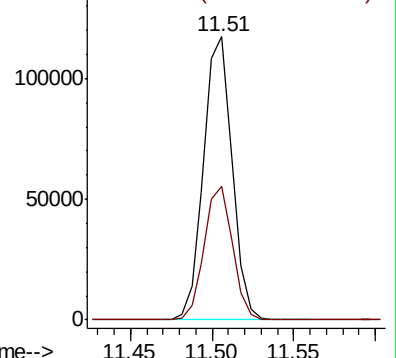
Ion Ratio Lower Upper

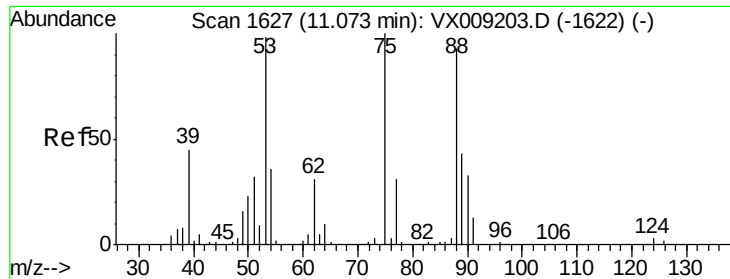
105 100

120 47.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009795.D (-1692) (-)

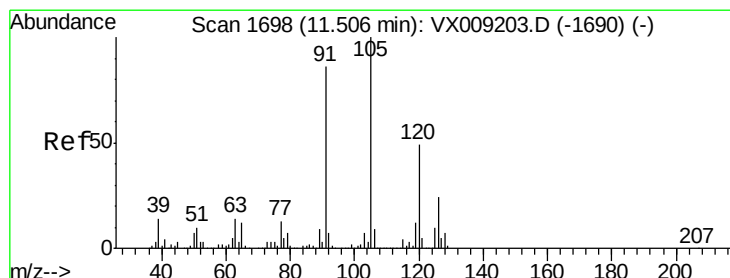
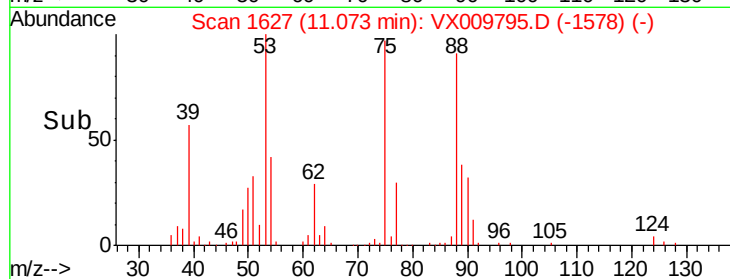
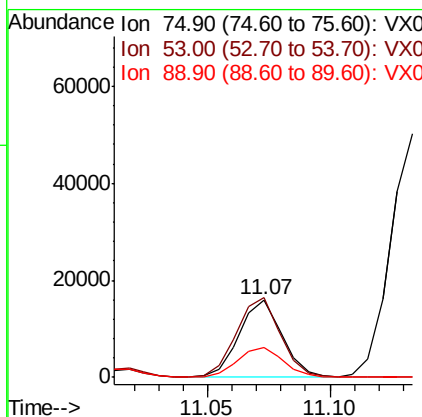
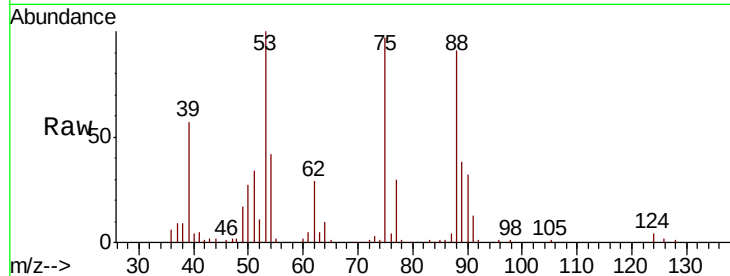




#81
trans-1,4-Dichloro-2-butene
Concen: 16.422 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

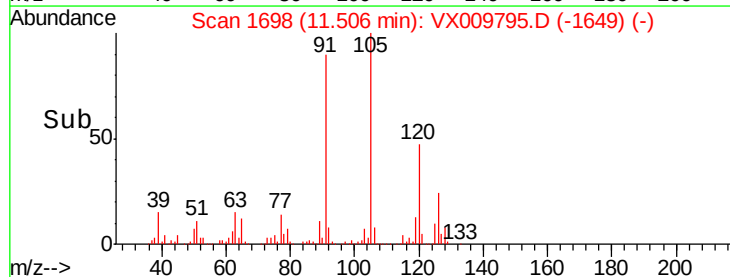
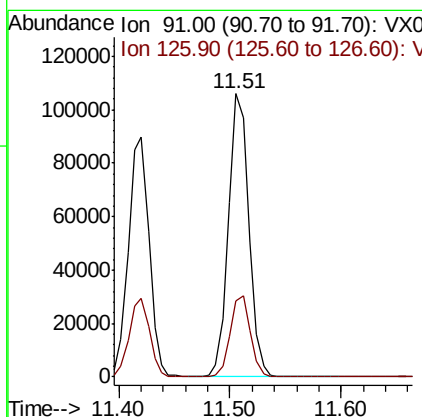
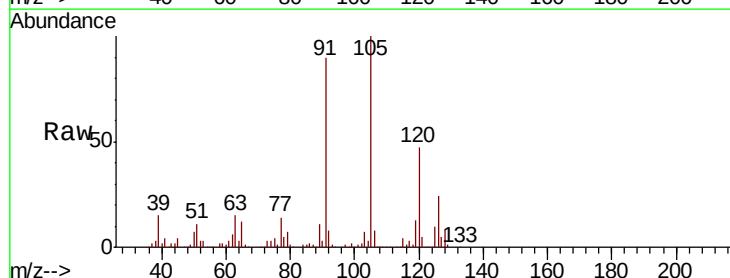
Instrument :
MSVOA_X
ClientSampleId :

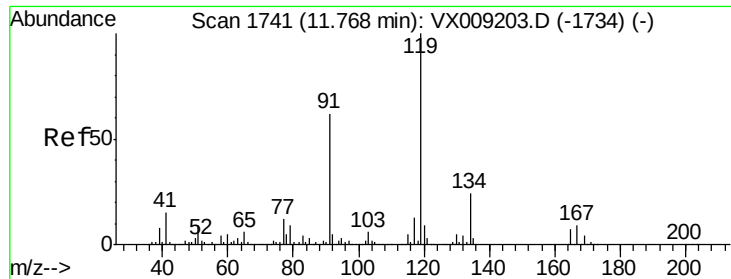
Tot Ion: 75 Resp: 19276
Ion Ratio Lower Upper
75 100
53 106.4 79.0 118.6
89 42.2 34.7 52.1



#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

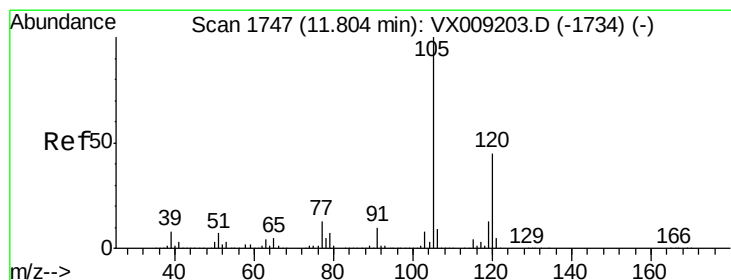
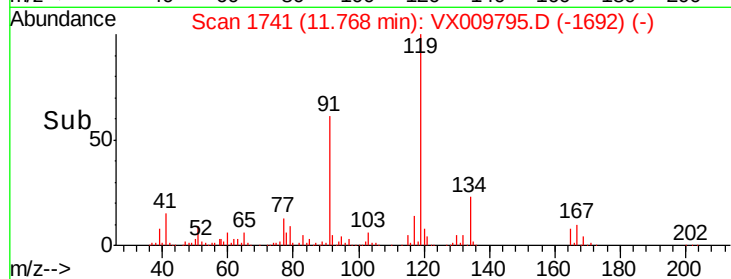
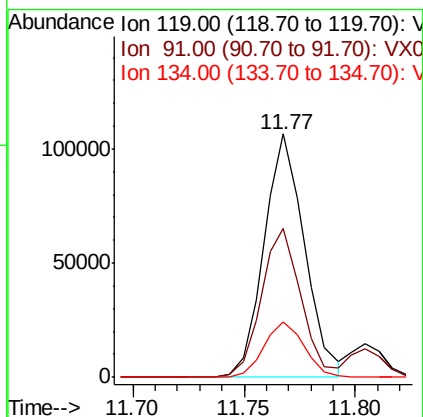
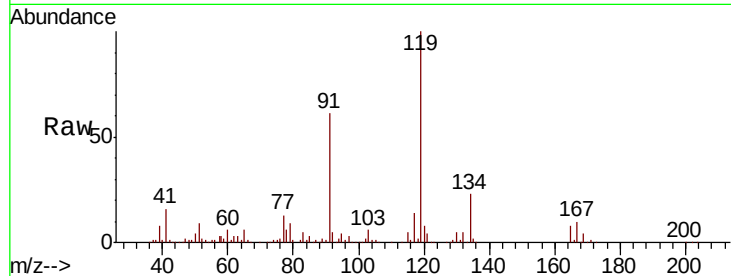




#83
 tert-Butylbenzene
 Concen: 17.463 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

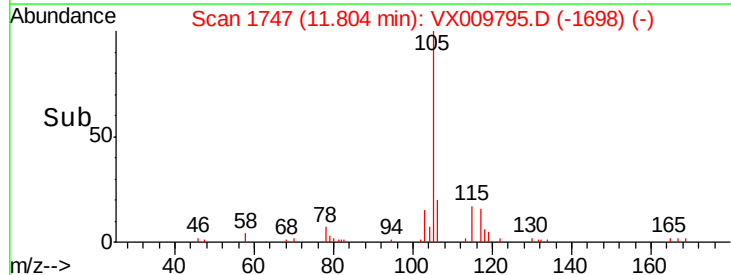
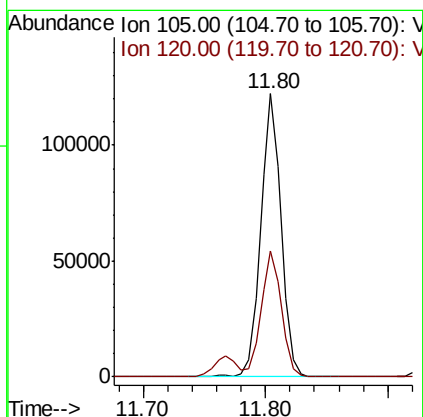
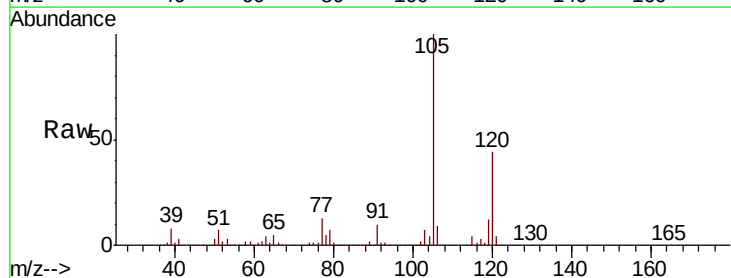
Instrument :
 MSVOA_X
 ClientSampled :

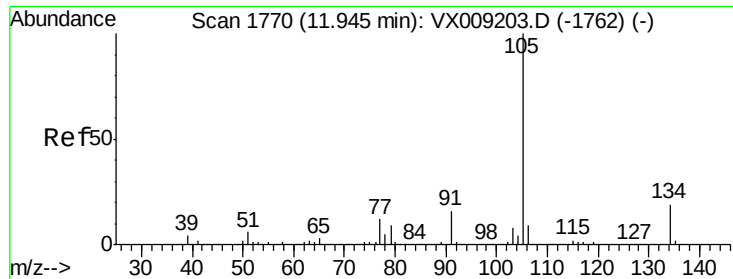
Tot Ion:119 Resp: 134673
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.5 88.5
 134 22.7 11.4 34.1



#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

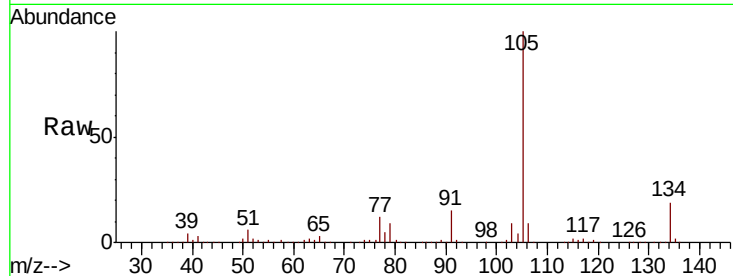
ClientSampled :

Tot Ion:105 Resp: 164428

Ion Ratio Lower Upper

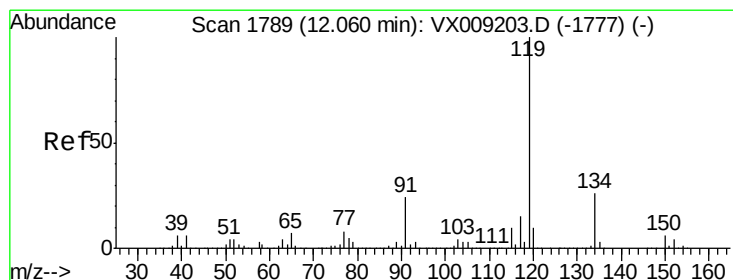
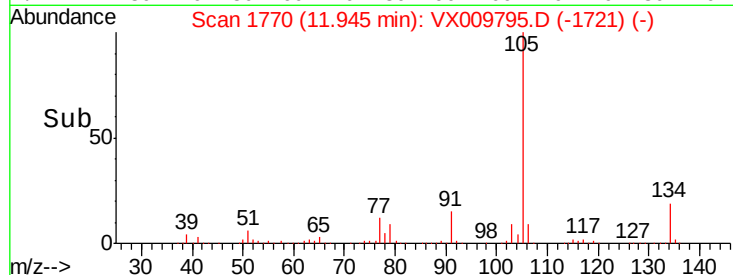
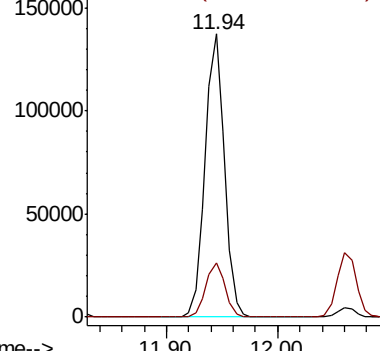
105 100

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

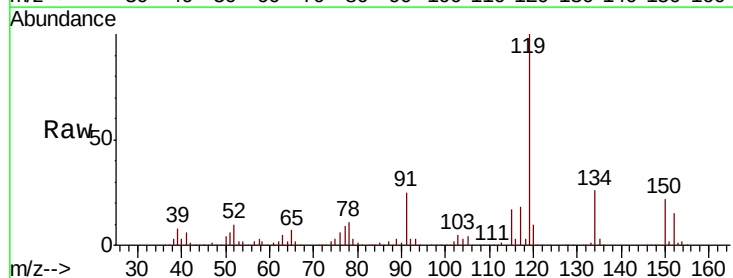
Tgt Ion:119 Resp: 147830

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

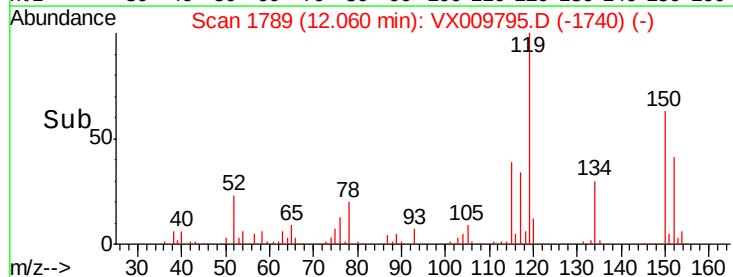
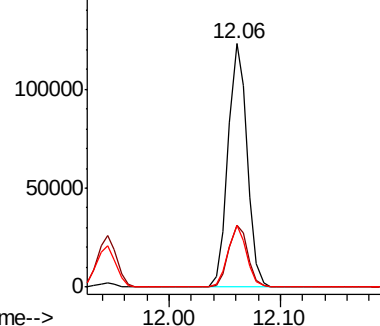
91 24.3 11.8 35.4

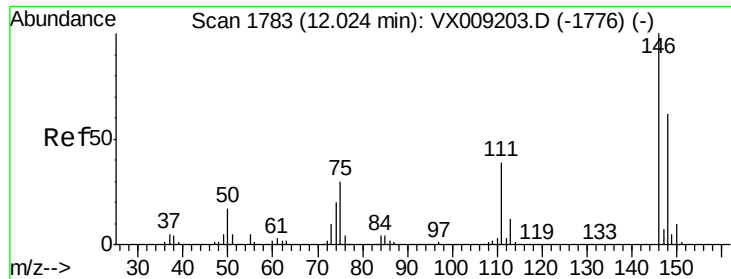


Abundance Ion 119.00 (118.70 to 119.70): V

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 :

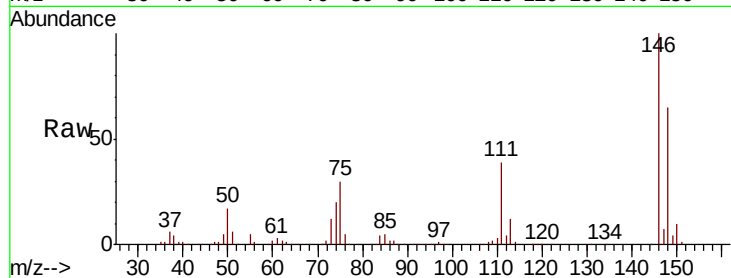
Tot Ion:146 Resp: 72415

Ion Ratio Lower Upper

146 100

111 40.5 20.0 59.9

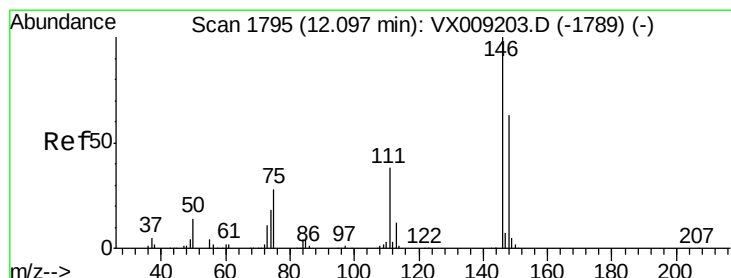
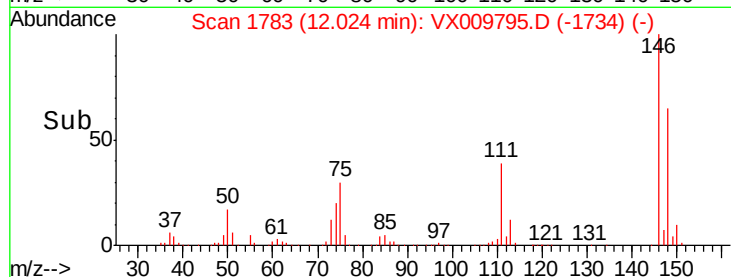
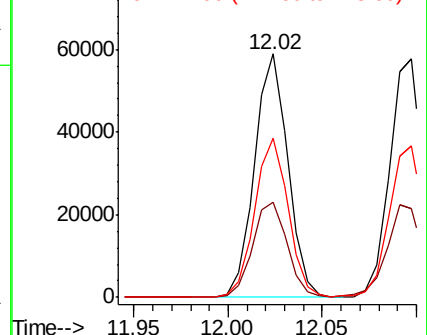
148 65.6 31.8 95.3



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



#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

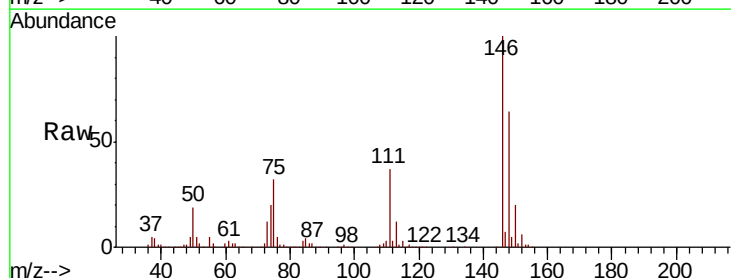
Tgt Ion:146 Resp: 73832

Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.8

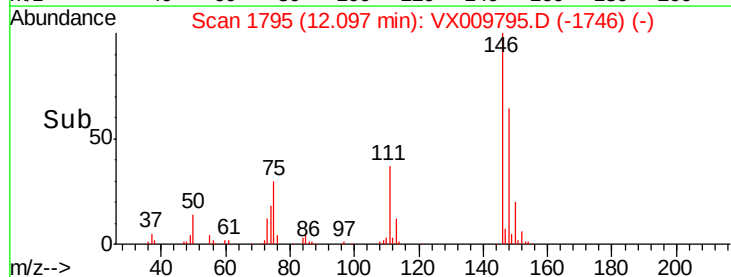
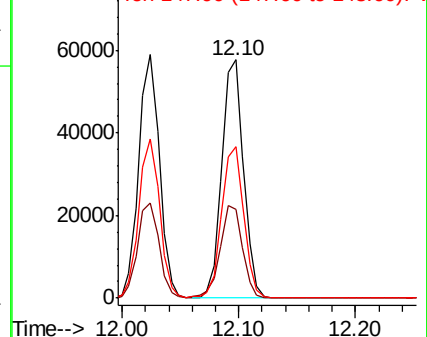
148 64.9 31.8 95.3

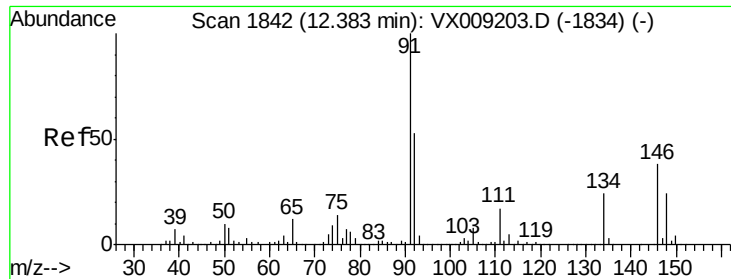


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#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

ClientSampleId :

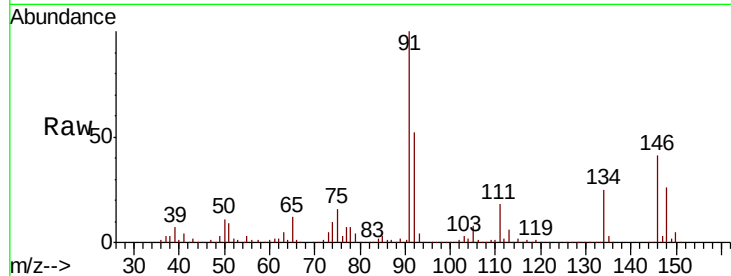
Tot Ion: 91 Resp: 134583

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 24.9 12.4 37.2

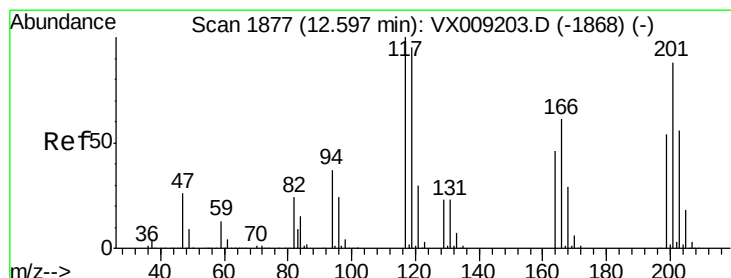
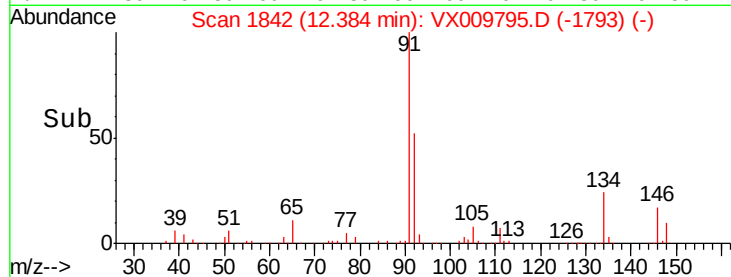
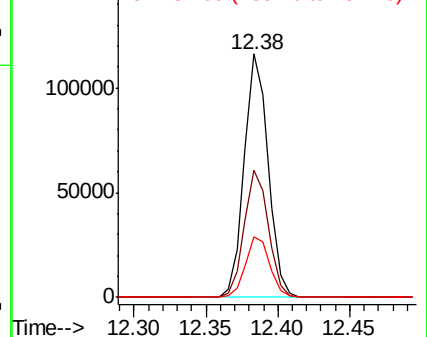


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.312 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009795.D

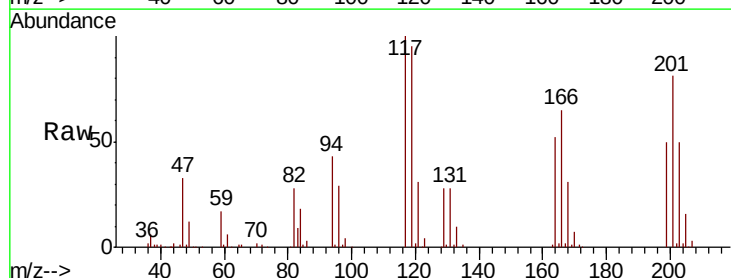
Acq: 22 May 2019 11:40

Tgt Ion: 117 Resp: 24242

Ion Ratio Lower Upper

117 100

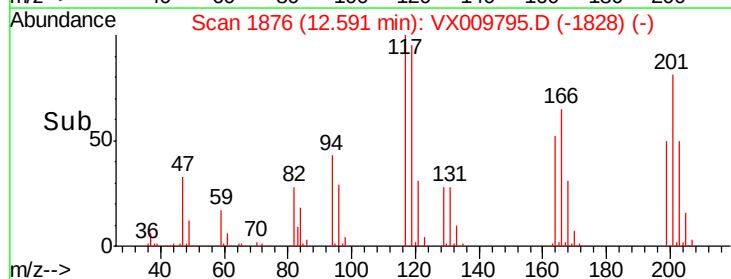
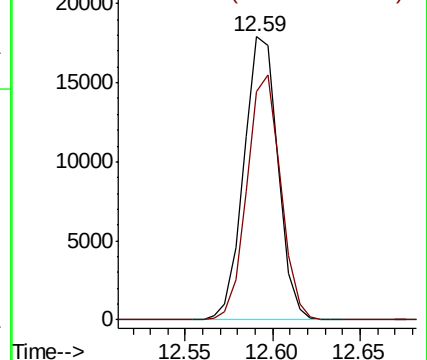
201 85.5 42.3 126.9

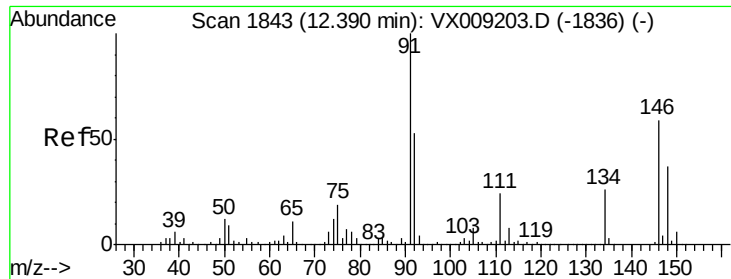


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

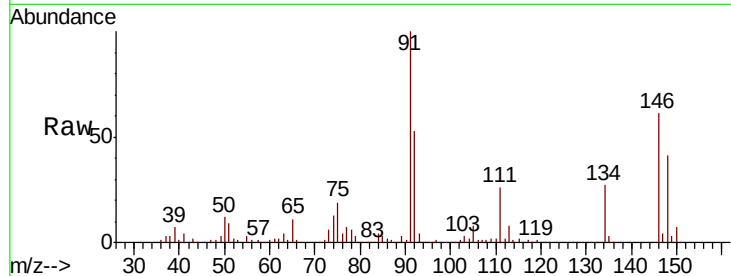




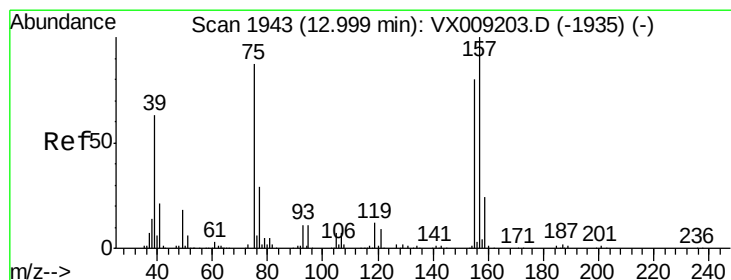
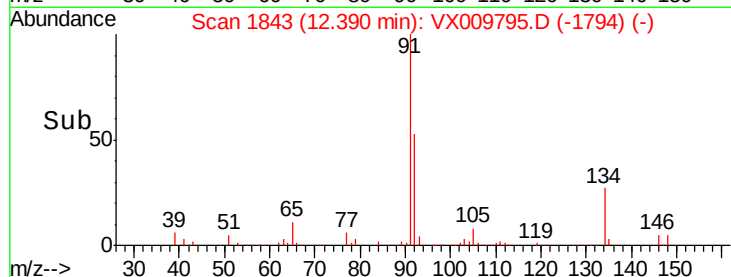
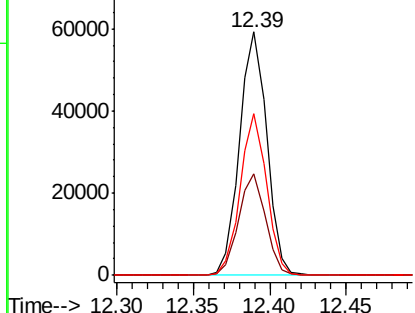
#91
 1,2-Dichlorobenzene
 Concen: 17.310 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :

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

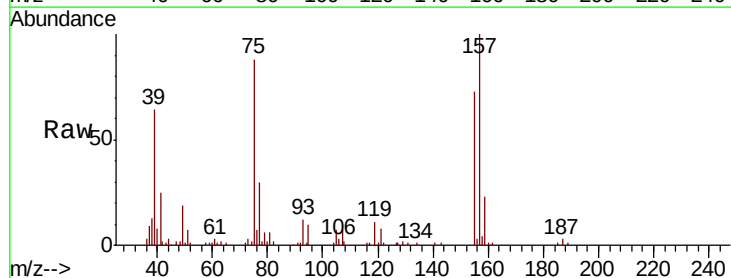


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

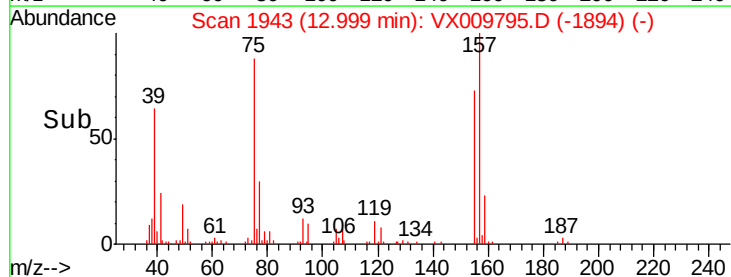
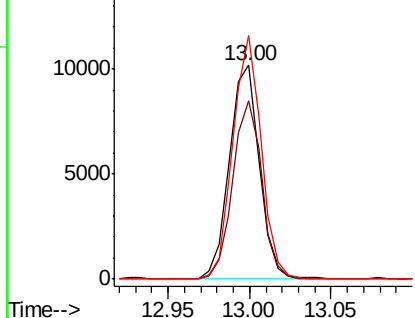


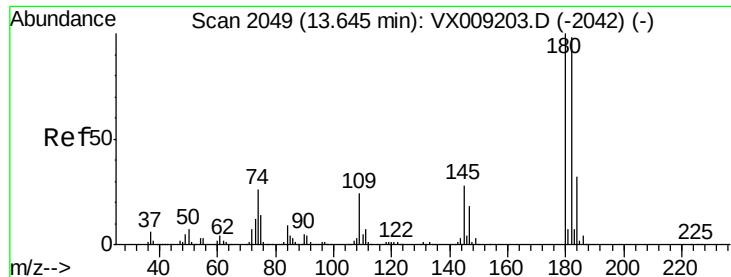
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.471 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

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

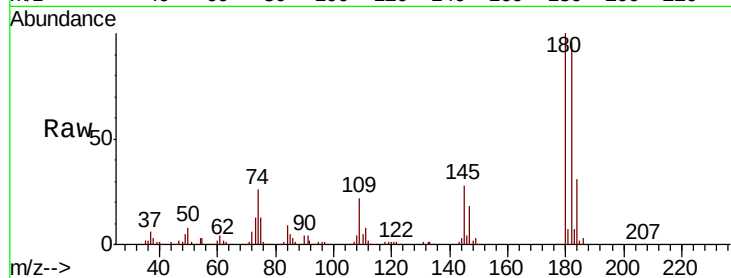




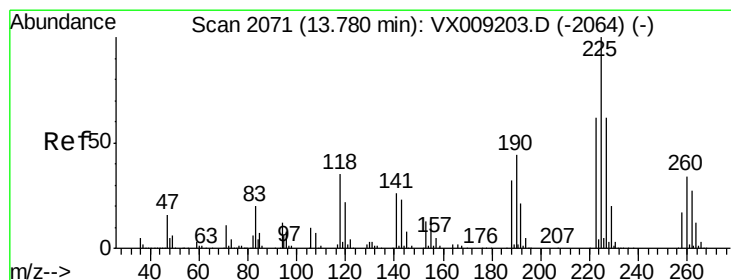
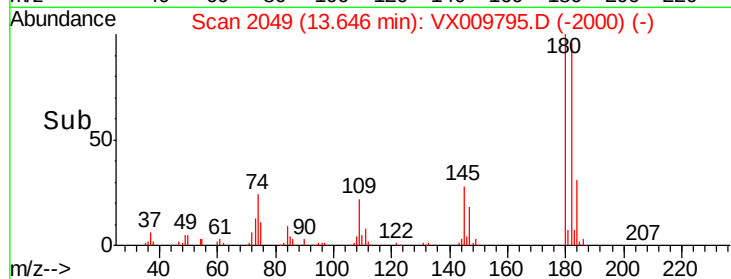
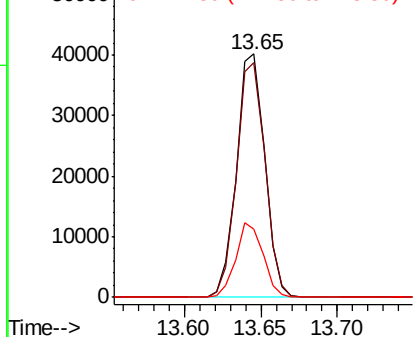
#93
 1,2,4-Trichlorobenzene
 Concen: 17.782 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampled :

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

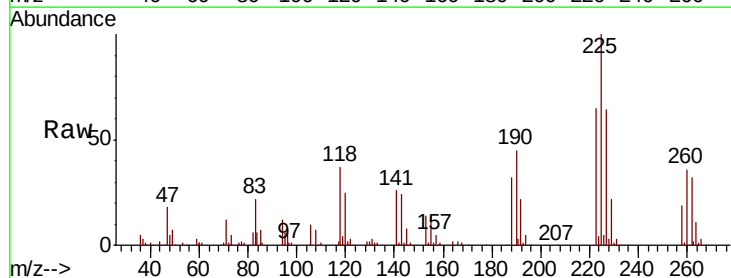


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

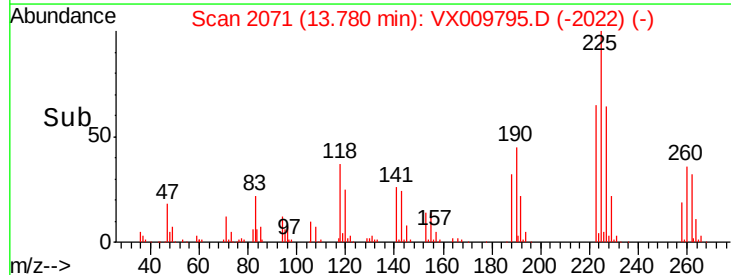
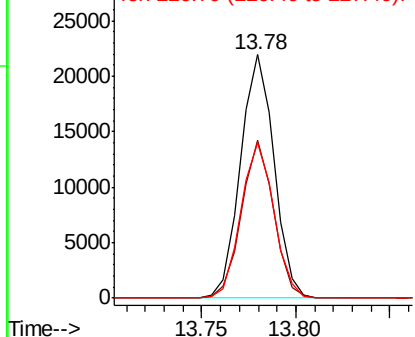


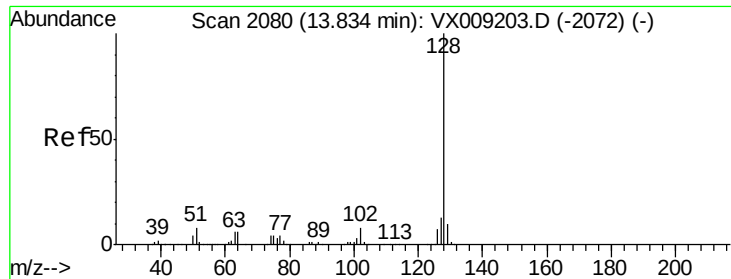
#94
 Hexachlorobutadiene
 Concen: 18.319 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

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

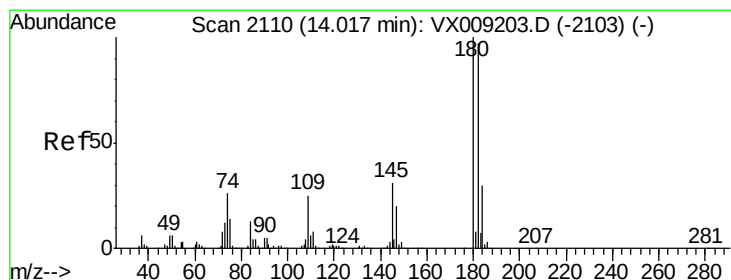
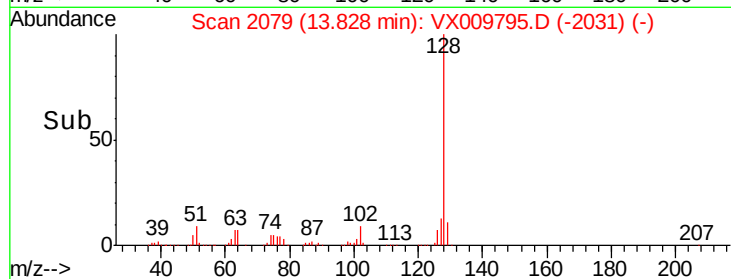
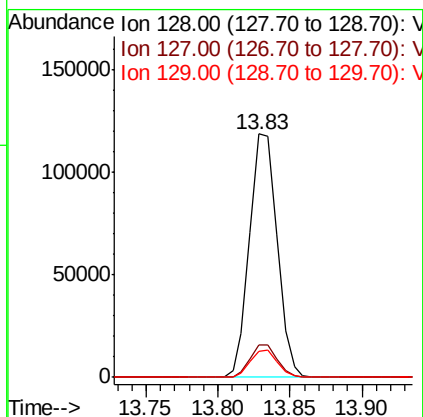
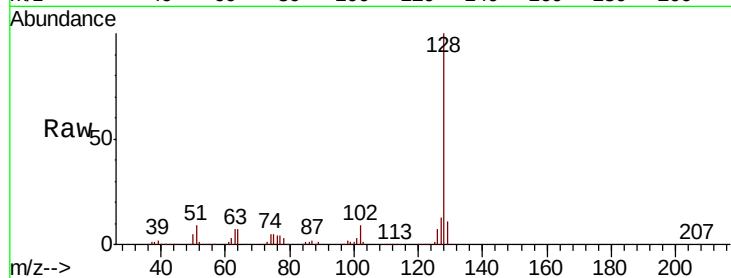




#95
Naphthalene
Concen: 16.715 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0



#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	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.4
145	31.1	15.4	46.4

