

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009446.D
 Acq On : 09 May 2019 23:11
 Operator : JC/SP
 Sample : VX0509WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:10:47 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	162090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	261125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114111	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	108018	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	5.50	113	78988	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	320628	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.13	95	115935	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	28123	18.828	ug/l	98
3) Chloromethane	1.32	50	42087	20.638	ug/l	100
4) Vinyl Chloride	1.41	62	41012	20.624	ug/l	95
5) Bromomethane	1.64	94	23533	19.717	ug/l	95
6) Chloroethane	1.72	64	27168	21.280	ug/l	97
7) Trichlorofluoromethane	1.93	101	51809	21.434	ug/l	96
8) Diethyl Ether	2.19	74	23384	20.423	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30911	20.364	ug/l	98
10) Methyl Iodide	2.51	142	26730	18.357	ug/l	98
11) Tert butyl alcohol	3.04	59	52128	101.775	ug/l	99
12) 1,1-Dichloroethene	2.37	96	32178	21.158	ug/l	96
13) Acrolein	2.29	56	50245	108.320	ug/l	99
14) Allyl chloride	2.73	41	72991	19.693	ug/l	99
15) Acrylonitrile	3.14	53	127501	101.810	ug/l	99
16) Acetone	2.44	43	109523	92.180	ug/l	97
17) Carbon Disulfide	2.57	76	90711	21.244	ug/l	99
18) Methyl Acetate	2.77	43	53918	19.082	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	120774	20.450	ug/l	98
20) Methylene Chloride	2.85	84	38597	20.063	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	34219	20.746	ug/l	97
22) Diisopropyl ether	3.85	45	147608	20.709	ug/l	96
23) Vinyl Acetate	3.81	43	642352	105.241	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71397	20.305	ug/l	99
25) 2-Butanone	4.67	43	186170	100.832	ug/l	100
26) 2,2-Dichloropropane	4.58	77	42927	16.401	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	40984	20.817	ug/l	97
28) Bromochloromethane	5.02	49	27813	17.889	ug/l	99
29) Tetrahydrofuran	5.13	42	123342	103.813	ug/l	100
30) Chloroform	5.21	83	65180	20.496	ug/l	97
31) Cyclohexane	5.58	56	69212	21.157	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	54389	20.545	ug/l	98
36) 1,1-Dichloropropene	5.80	75	50006	20.607	ug/l	98
37) Ethyl Acetate	4.84	43	71755	21.223	ug/l	99
38) Carbon Tetrachloride	5.78	117	44584	20.221	ug/l	98

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 ClientSampleId :

Quant Time: May 10 07:10:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61331	20.580	ug/l	99
40) Benzene	6.14	78	156546	20.845	ug/l	98
41) Methacrylonitrile	5.04	41	39845	19.797	ug/l	99
42) 1,2-Dichloroethane	6.19	62	57073	21.185	ug/l	99
43) Isopropyl Acetate	6.45	43	110687	20.467	ug/l	100
44) Trichloroethene	7.21	130	37273	20.529	ug/l	98
45) 1,2-Dichloropropane	7.51	63	43999	20.690	ug/l	99
46) Dibromomethane	7.66	93	25280	20.471	ug/l	99
47) Bromodichloromethane	7.90	83	49766	20.203	ug/l	96
48) Methyl methacrylate	7.77	41	55101	20.536	ug/l	99
49) 1,4-Dioxane	7.74	88	22825	419.471	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	366745	103.749	ug/l	100
52) Toluene	8.78	92	97503	21.358	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	54419	19.567	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	61626	20.020	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38871	20.871	ug/l	96
56) Ethyl methacrylate	9.18	69	68360	20.562	ug/l	100
57) 1,3-Dichloropropane	9.37	76	68007	20.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	164470	93.253	ug/l	99
59) 2-Hexanone	9.49	43	283810	102.227	ug/l	98
60) Dibromochloromethane	9.58	129	37459	20.593	ug/l	100
61) 1,2-Dibromoethane	9.67	107	39494	21.007	ug/l	100
64) Tetrachloroethene	9.34	164	35004	21.483	ug/l	98
65) Chlorobenzene	10.13	112	98475	20.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35532	20.625	ug/l	99
67) Ethyl Benzene	10.25	91	181323	20.734	ug/l	100
68) m/p-Xylenes	10.36	106	133300	41.712	ug/l	99
69) o-Xylene	10.69	106	65152	20.663	ug/l	99
70) Styrene	10.71	104	113431	20.698	ug/l	100
71) Bromoform	10.85	173	27669	19.764	ug/l #	100
73) Isopropylbenzene	11.02	105	173574	20.918	ug/l	99
74) N-amyl acetate	10.90	43	97061	20.063	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62932	20.344	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	71390	26.971	ug/l	82
77) Bromobenzene	11.26	156	43171	20.961	ug/l	98
78) n-propylbenzene	11.36	91	196374	20.722	ug/l	99
79) 2-Chlorotoluene	11.42	91	118143	20.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145873	20.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18586	17.966	ug/l	93
82) 4-Chlorotoluene	11.51	91	137017	20.744	ug/l	100
83) tert-Butylbenzene	11.77	119	139214	20.482	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	146858	20.940	ug/l	99
85) sec-Butylbenzene	11.94	105	165143	20.494	ug/l	100
86) p-Isopropyltoluene	12.06	119	151530	20.917	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74501	20.291	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	74691	20.178	ug/l	98
89) n-Butylbenzene	12.38	91	129391	19.761	ug/l	100
90) Hexachloroethane	12.60	117	24654	19.976	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	77000	20.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14500	20.895	ug/l	99

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

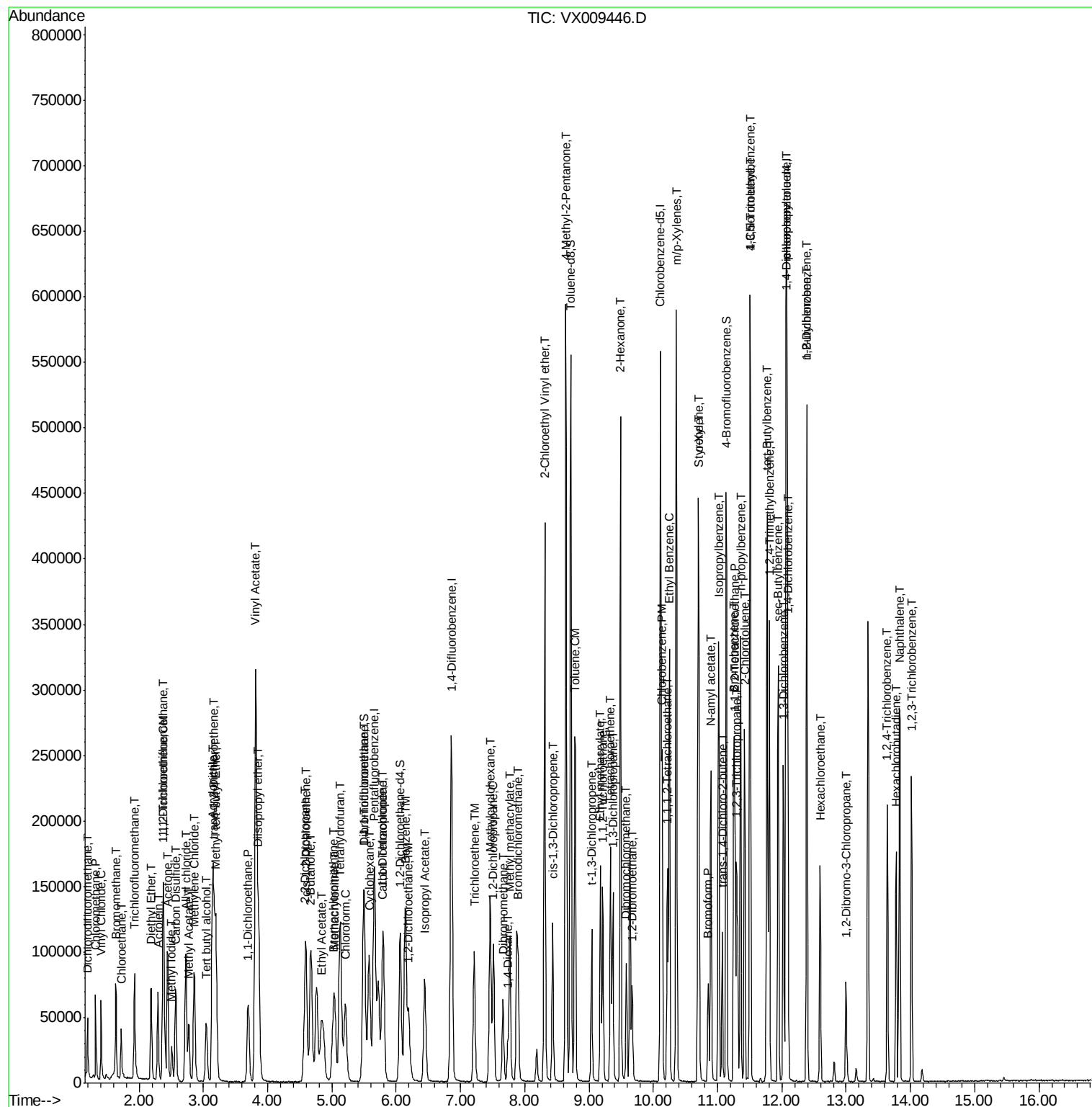
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53132	20.776	ug/l	99
94) Hexachlorobutadiene	13.78	225	25999	19.908	ug/l	99
95) Naphthalene	13.83	128	175994	21.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	54200	20.908	ug/l	99

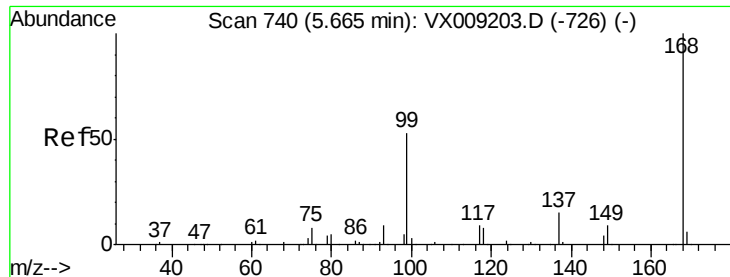
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009446.D

Acq: 09 May 2019 23:11

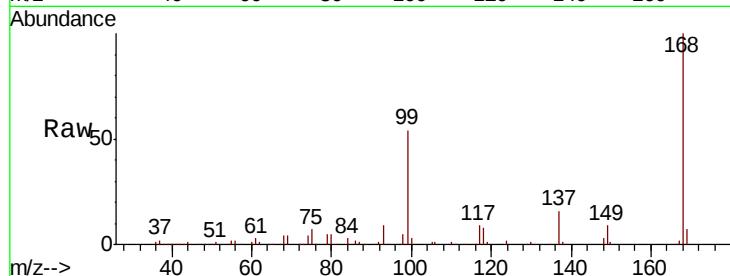
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 162090

Ion Ratio Lower Upper

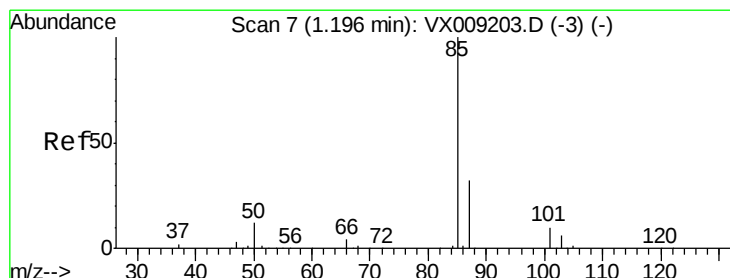
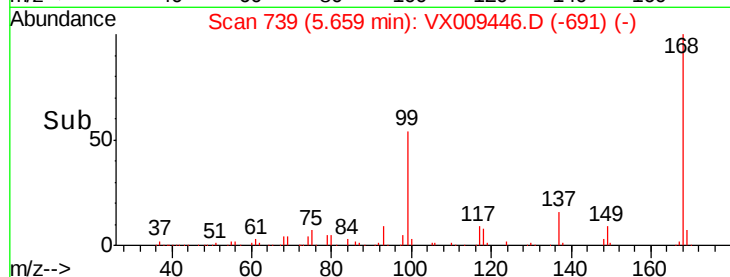
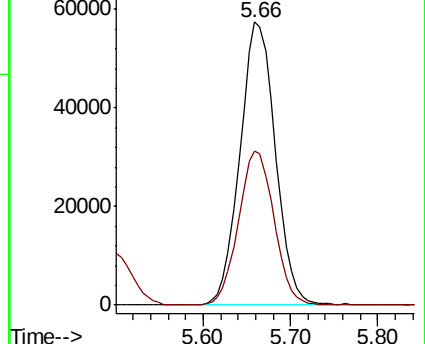
168 100

99 54.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.828 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009446.D

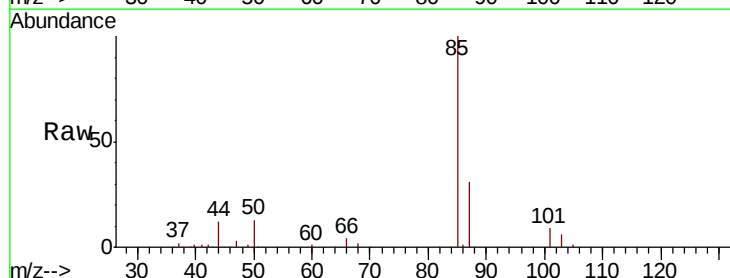
Acq: 09 May 2019 23:11

Tgt Ion: 85 Resp: 28123

Ion Ratio Lower Upper

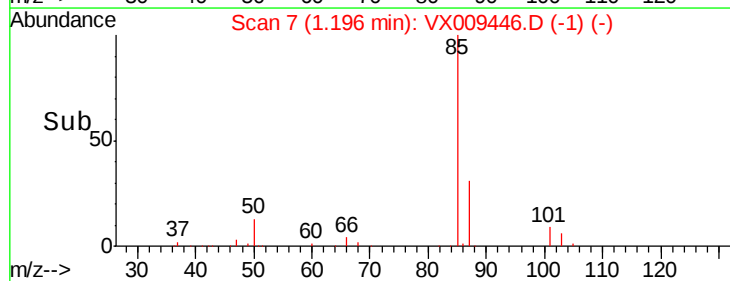
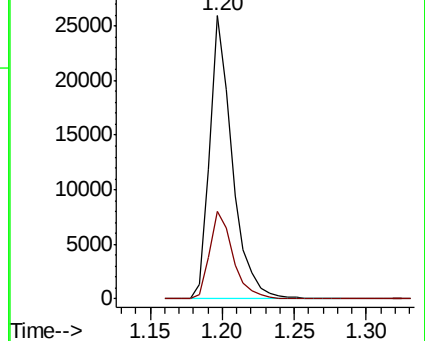
85 100

87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.638 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

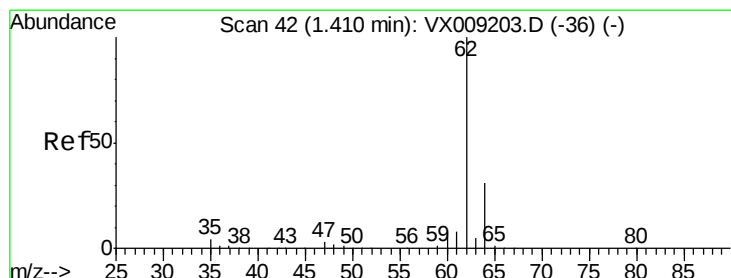
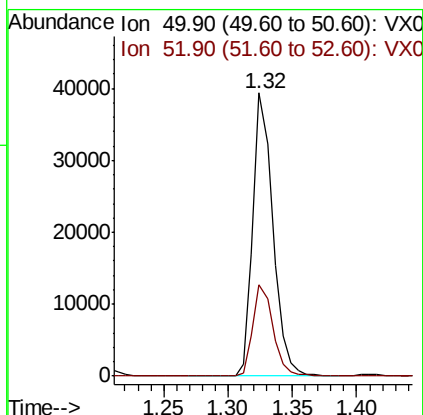
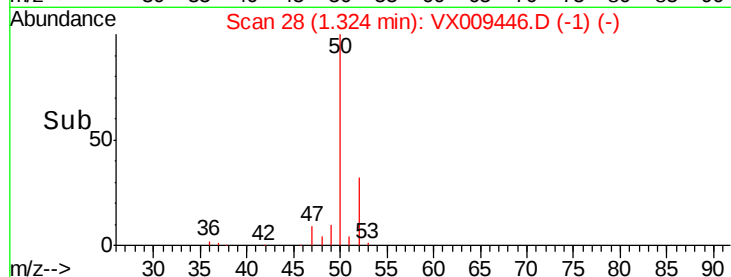
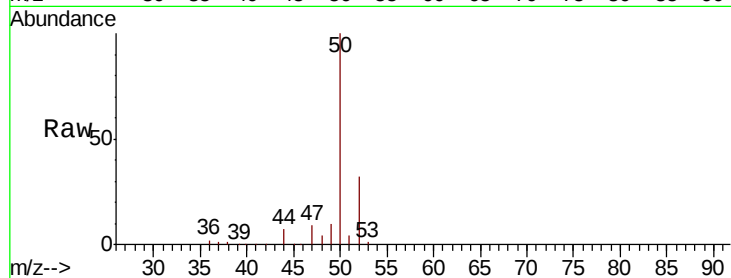
ClientSampleId :

Tot Ion: 50 Resp: 42087

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



#4

Vinyl Chloride

Concen: 20.624 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009446.D

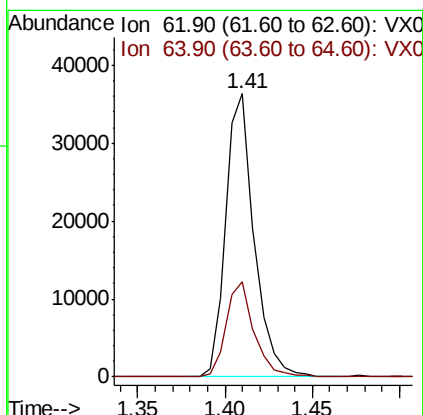
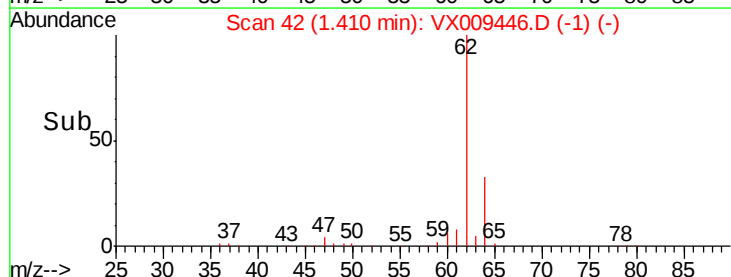
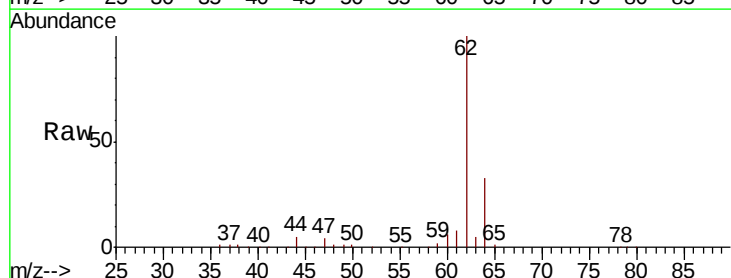
Acq: 09 May 2019 23:11

Tgt Ion: 62 Resp: 41012

Ion Ratio Lower Upper

62 100

64 33.2 24.6 36.8





#5

Bromomethane

Concen: 19.717 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

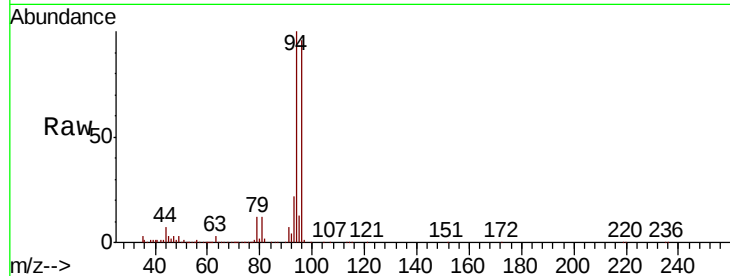
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 23533

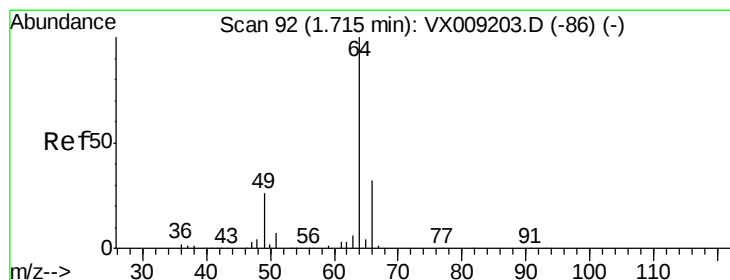
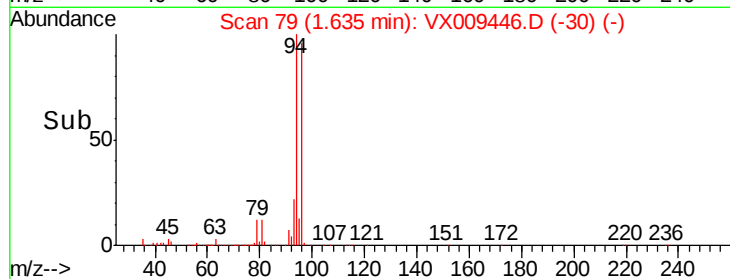
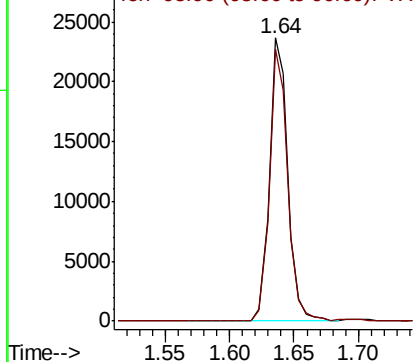
Ion Ratio Lower Upper

94 100

96 96.2 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.280 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009446.D

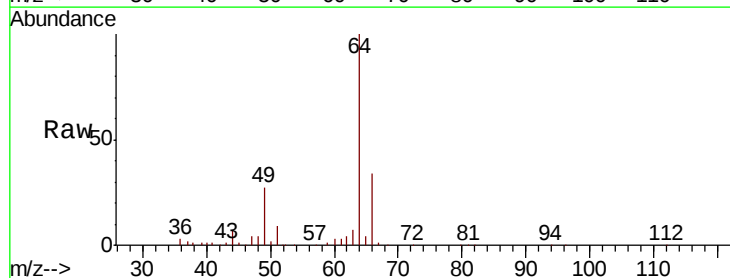
Acq: 09 May 2019 23:11

Tgt Ion: 64 Resp: 27168

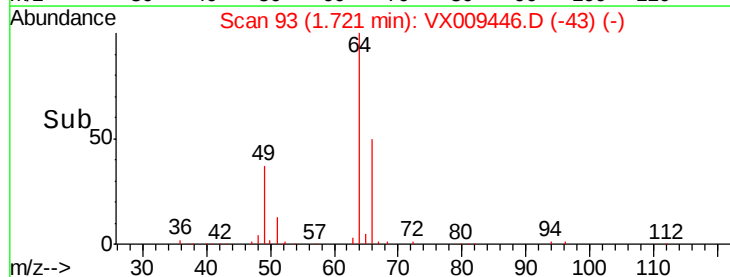
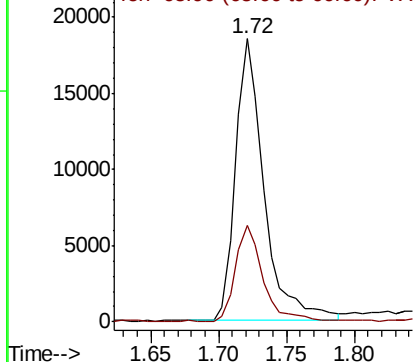
Ion Ratio Lower Upper

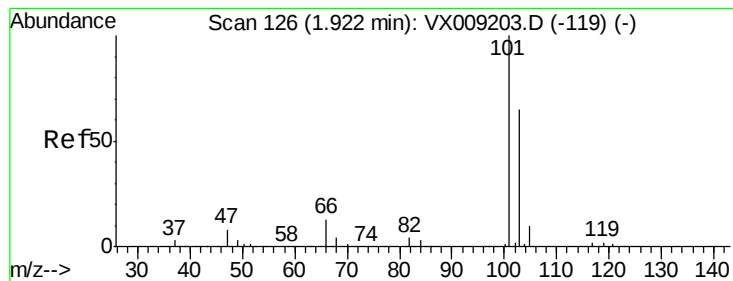
64 100

66 33.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



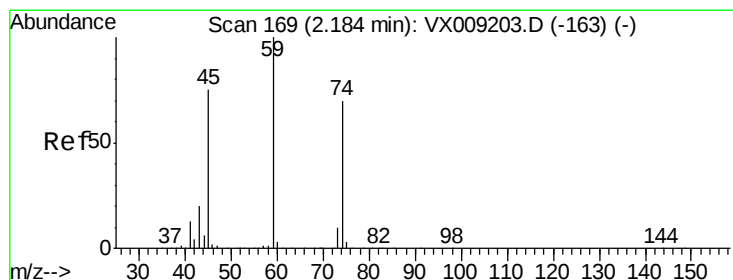
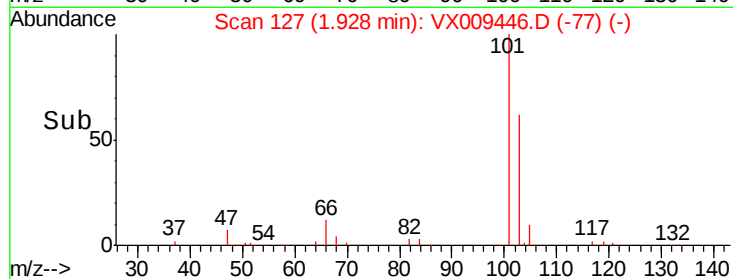
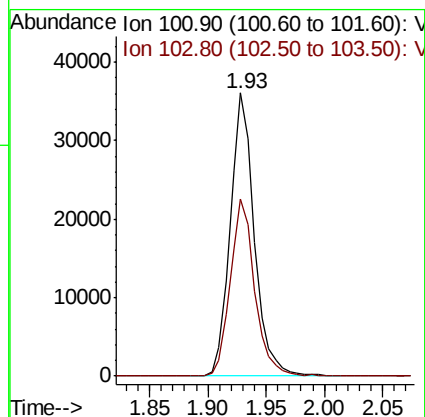
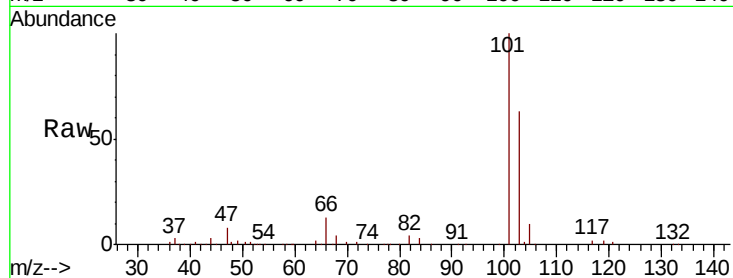


#7

Trichlorofluoromethane
 Concen: 21.434 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Instrument :
 MSVOA_X
 ClientSampled :

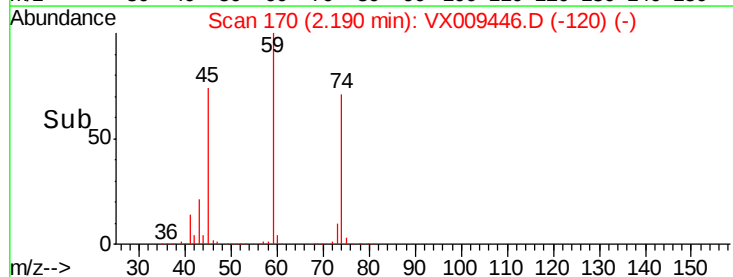
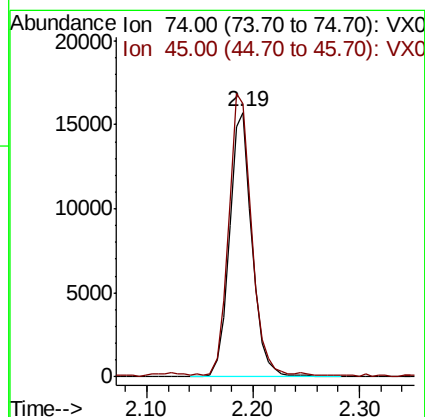
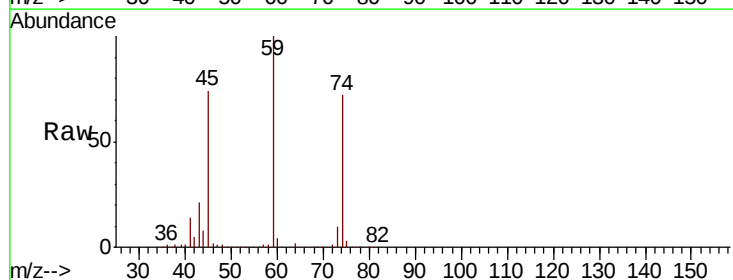
Tot Ion:101 Resp: 51809
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.4 78.6

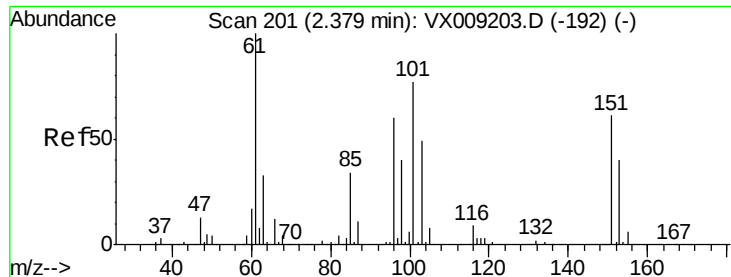


#8

Diethyl Ether
 Concen: 20.423 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion: 74 Resp: 23384
 Ion Ratio Lower Upper
 74 100
 45 107.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.364 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

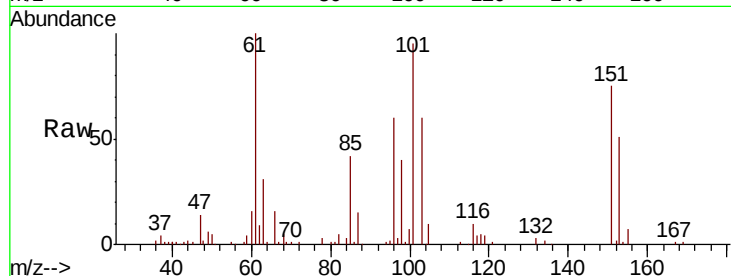
Tot Ion:101 Resp: 30911

Ion Ratio Lower Upper

101 100

85 44.3 35.7 53.5

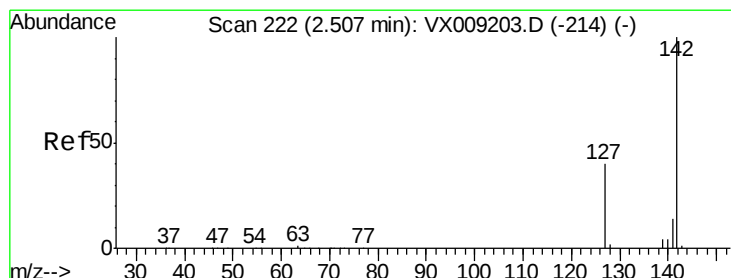
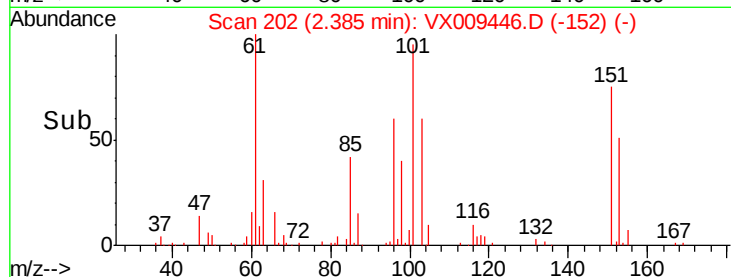
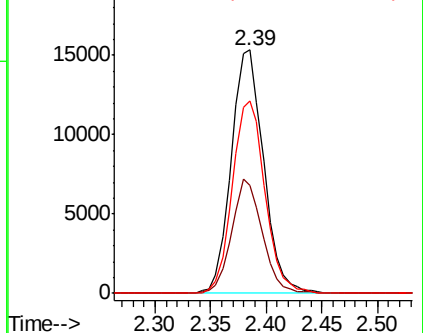
151 79.5 62.2 93.2



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: 18.357 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

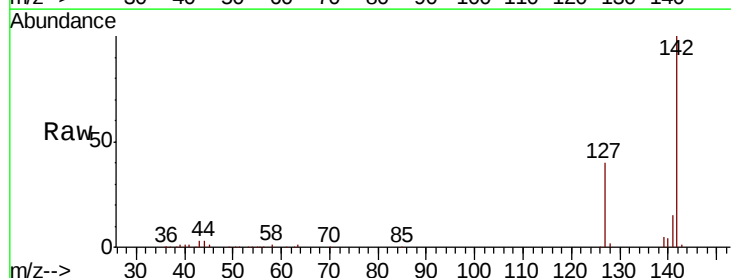
Tgt Ion:142 Resp: 26730

Ion Ratio Lower Upper

142 100

127 41.9 32.7 49.1

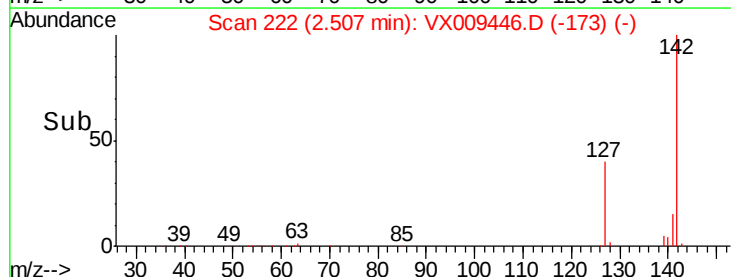
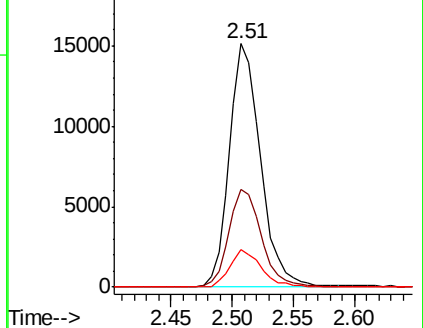
141 15.3 11.5 17.3

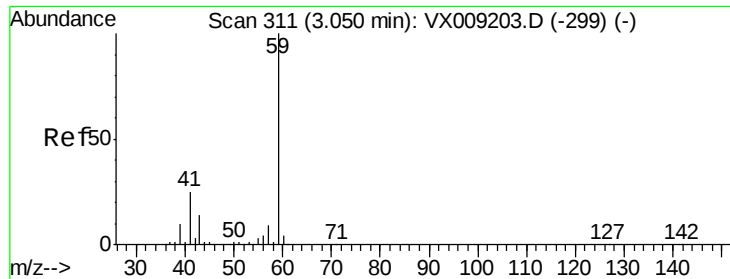


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

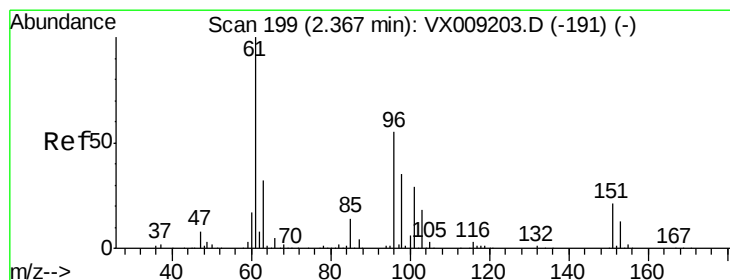
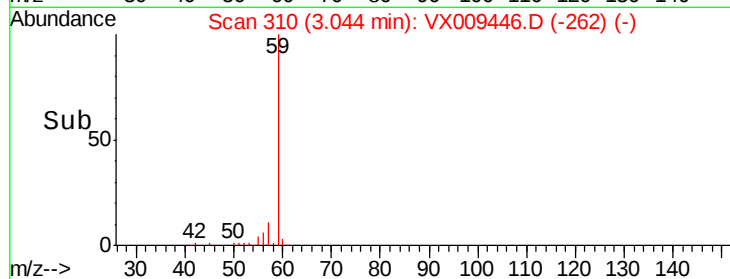
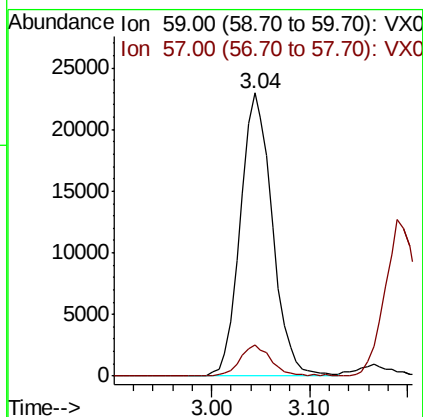
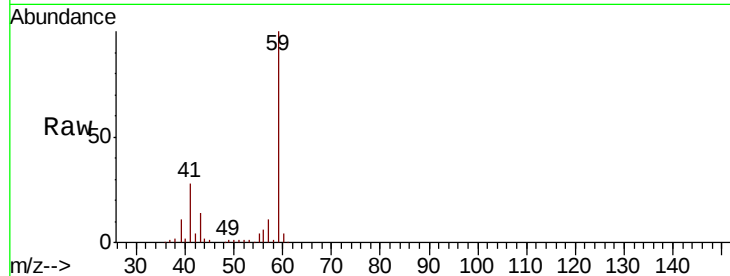




#11
Tert butyl alcohol
Concen: 101.775 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

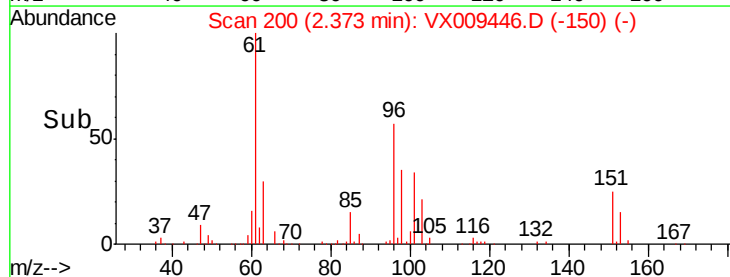
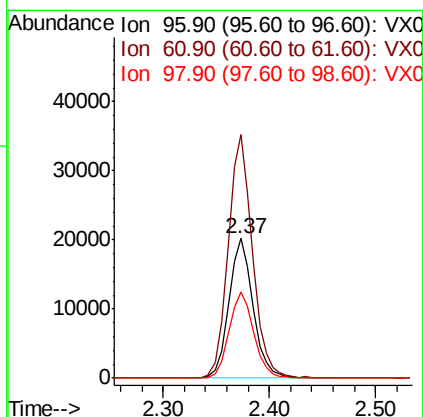
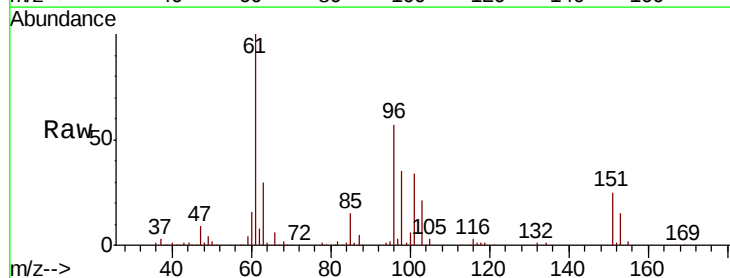
Instrument :
MSVOA_X
ClientSampled :

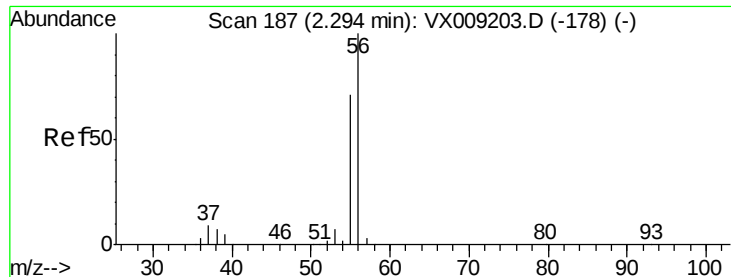
Tot Ion: 59 Resp: 52128
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.158 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 96 Resp: 32178
Ion Ratio Lower Upper
96 100
61 174.3 144.3 216.5
98 61.3 50.3 75.5





#13

Acrolein

Concen: 108.320 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

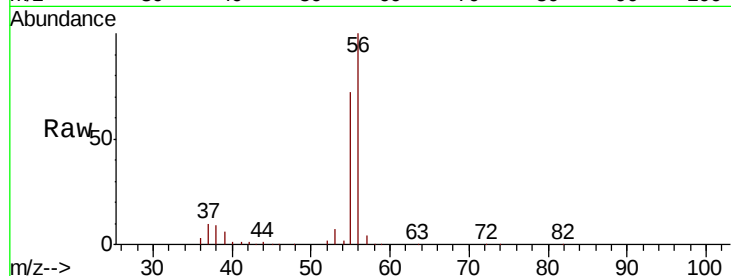
ClientSampleId :

Tot Ion: 56 Resp: 50245

Ion Ratio Lower Upper

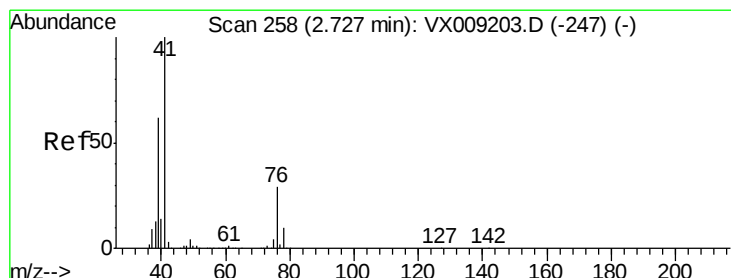
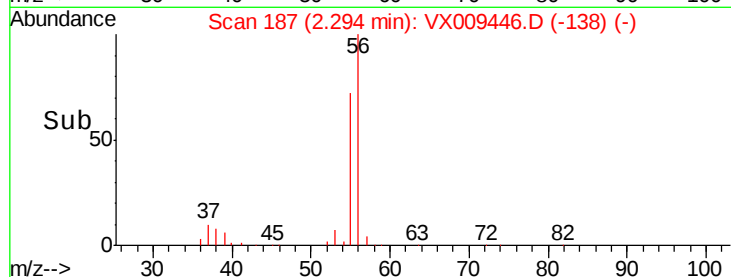
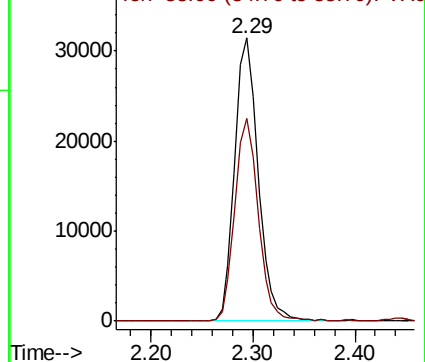
56 100

55 71.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.693 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

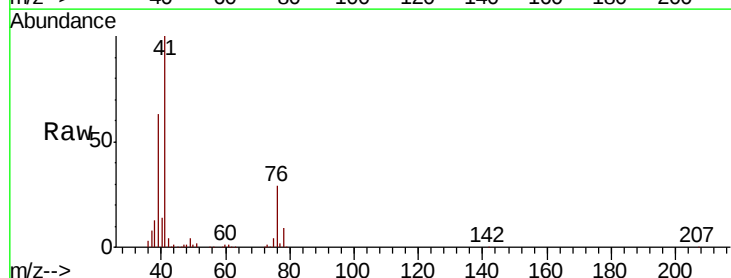
Tgt Ion: 41 Resp: 72991

Ion Ratio Lower Upper

41 100

39 58.9 46.7 70.1

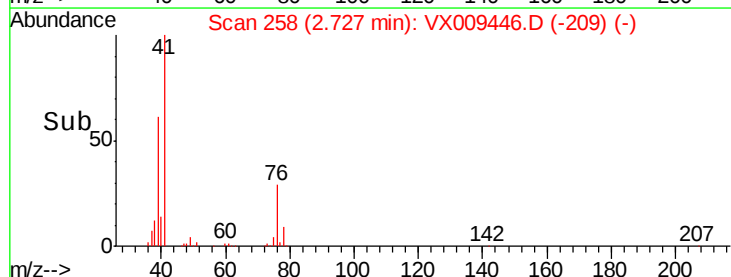
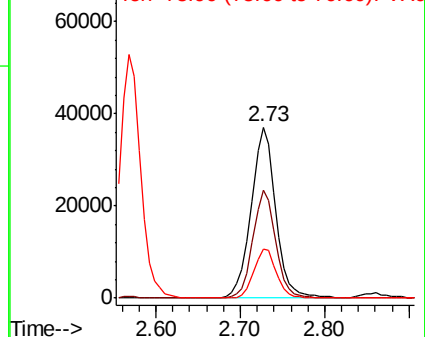
76 26.8 21.8 32.8

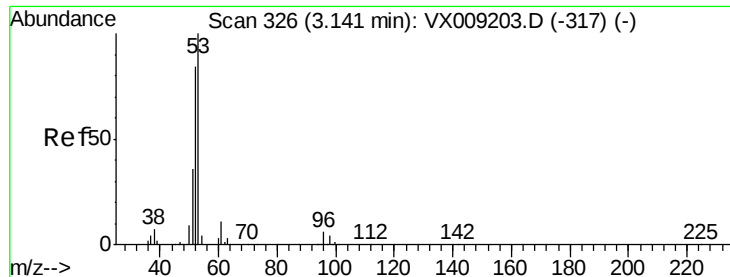


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 101.810 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

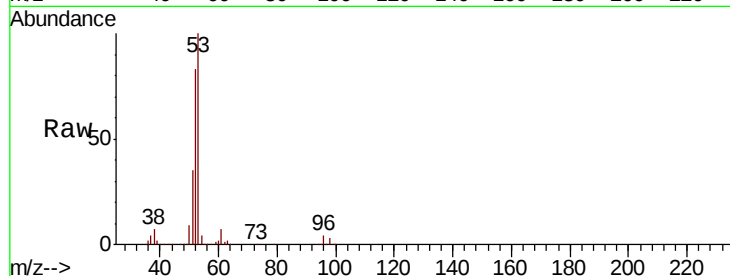
Tot Ion: 53 Resp: 127501

Ion Ratio Lower Upper

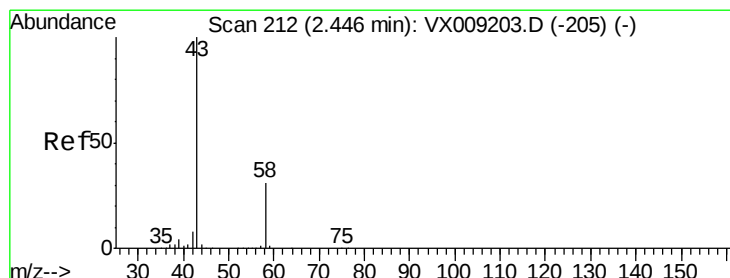
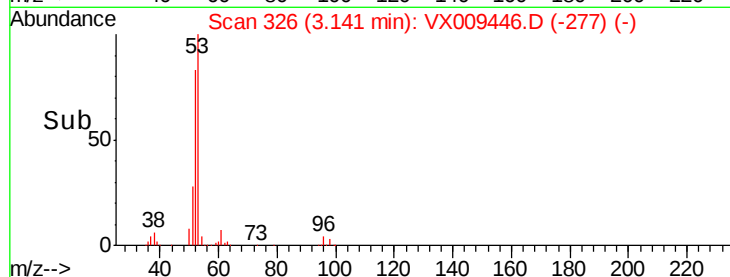
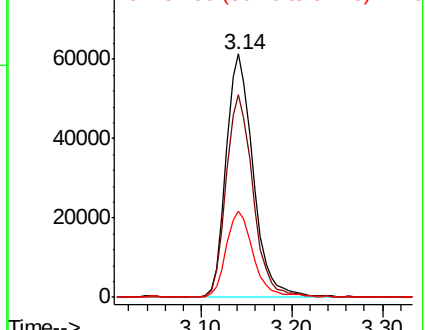
53 100

52 83.0 66.9 100.3

51 35.6 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: 92.180 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009446.D

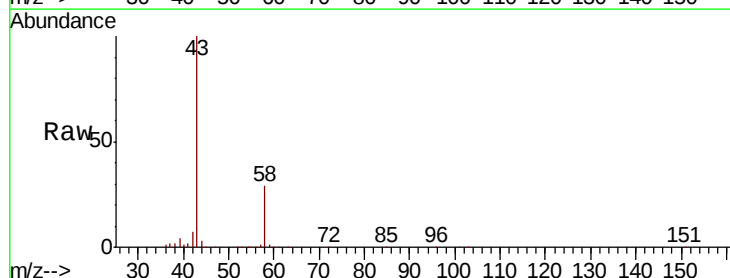
Acq: 09 May 2019 23:11

Tgt Ion: 43 Resp: 109523

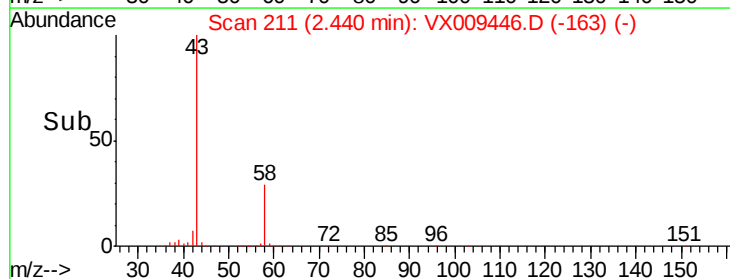
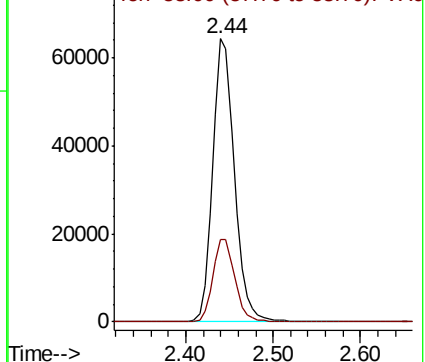
Ion Ratio Lower Upper

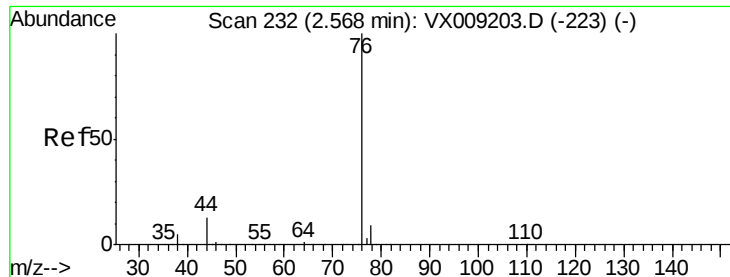
43 100

58 29.3 24.9 37.3



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

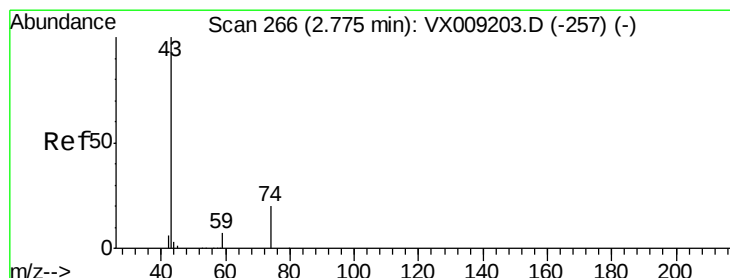
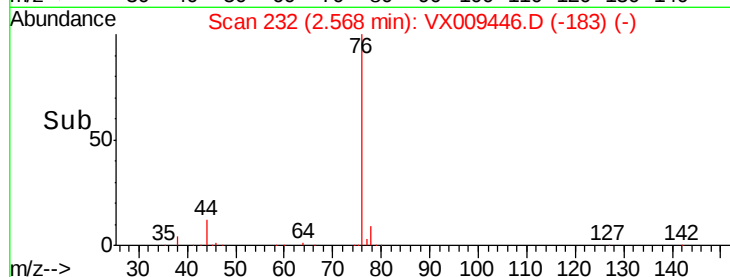
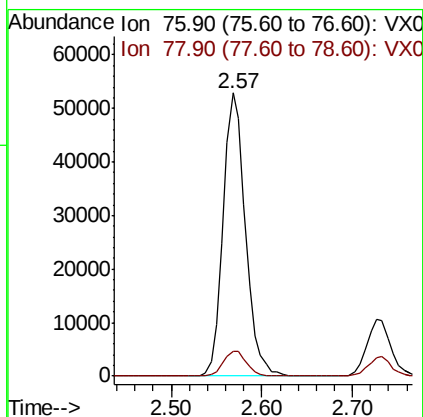
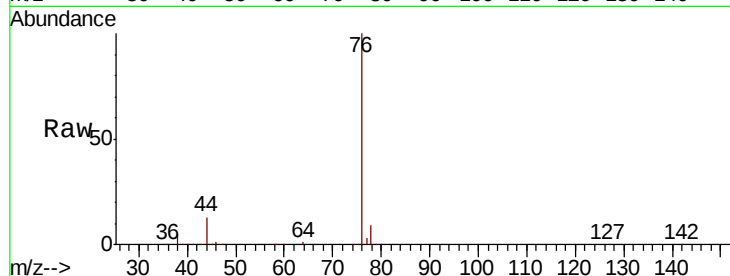




#17
Carbon Disulfide
Concen: 21.244 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

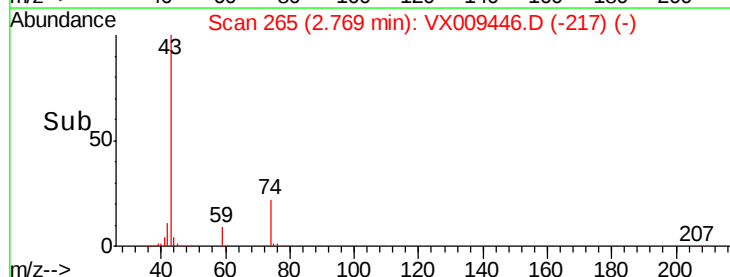
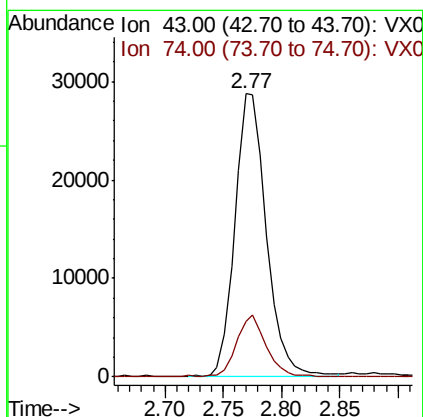
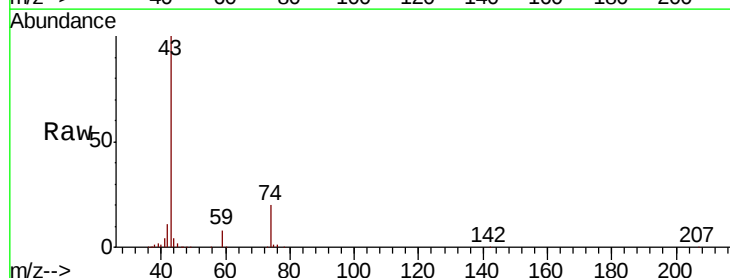
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 90711
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 19.082 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 43 Resp: 53918
Ion Ratio Lower Upper
43 100
74 21.0 16.2 24.4

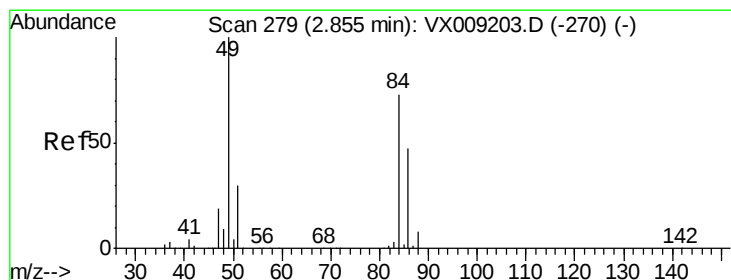
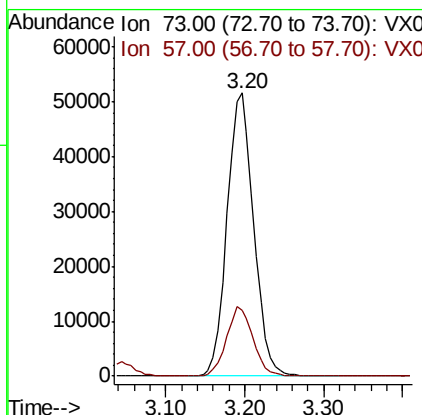
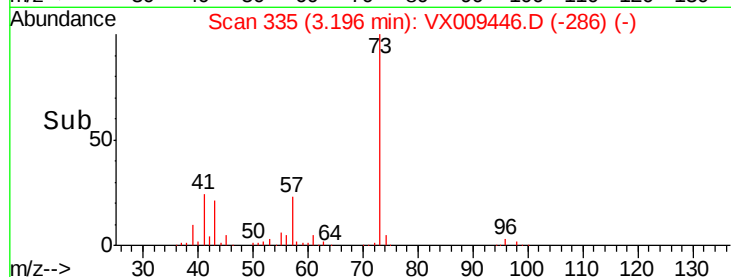
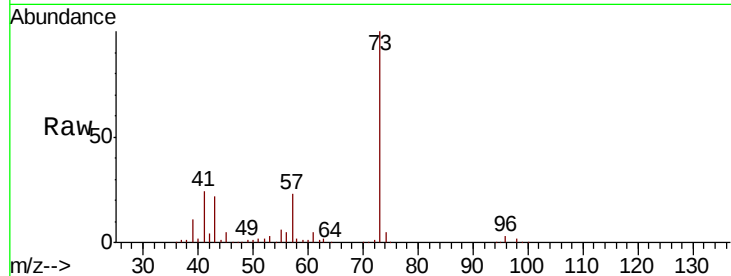




#19
Methyl tert-butyl Ether
Concen: 20.450 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

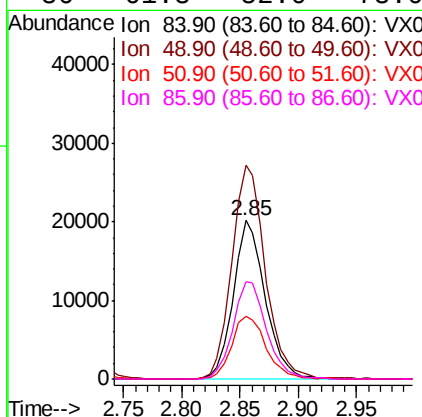
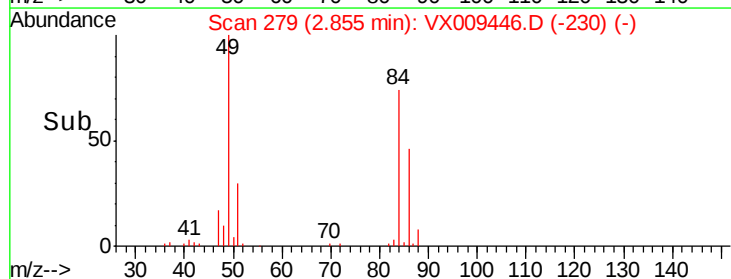
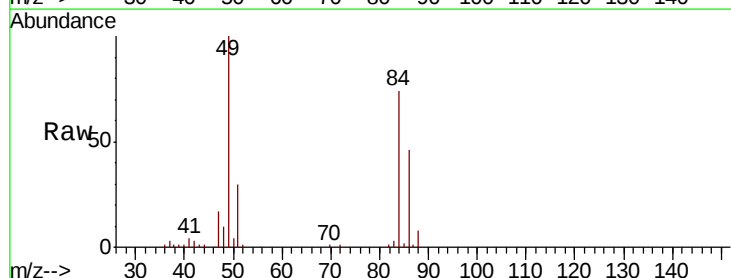
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 73 Resp: 120774
Ion Ratio Lower Upper
73 100
57 23.2 19.3 28.9



#20
Methylene Chloride
Concen: 20.063 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 84 Resp: 38597
Ion Ratio Lower Upper
84 100
49 134.9 109.9 164.9
51 39.6 32.7 49.1
86 61.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 20.746 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :
MSVOA_X
ClientSampleId :

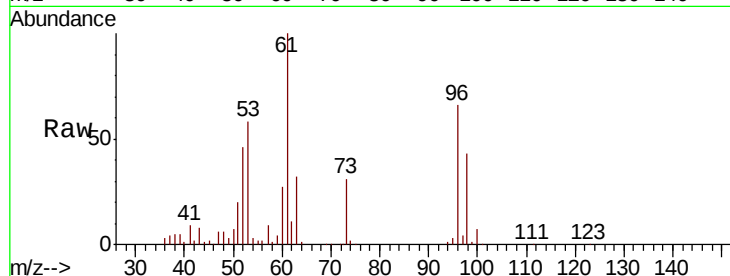
Tot Ion: 96 Resp: 34219

Ion Ratio Lower Upper

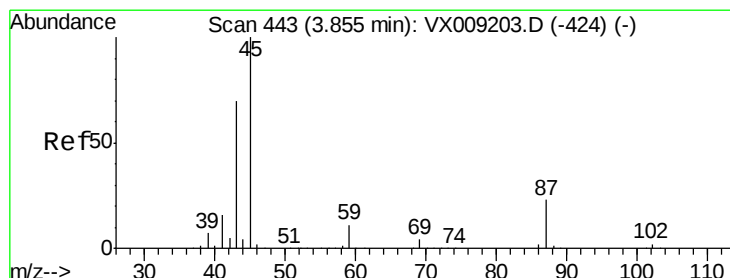
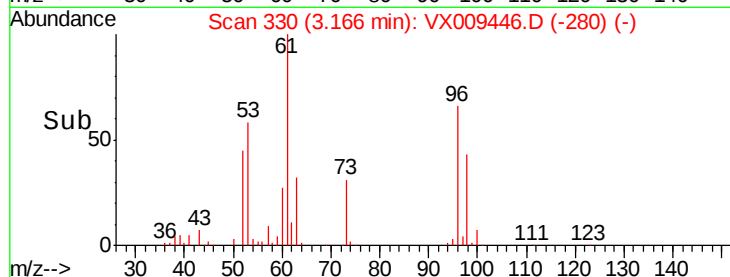
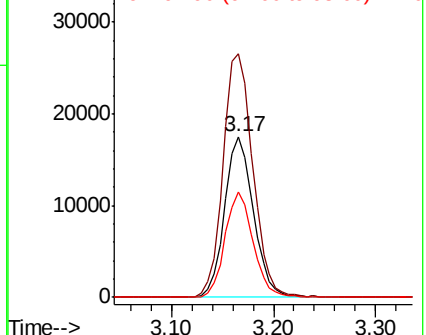
96 100

61 151.3 124.5 186.7

98 65.7 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: 20.709 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Tgt Ion: 45 Resp: 147608

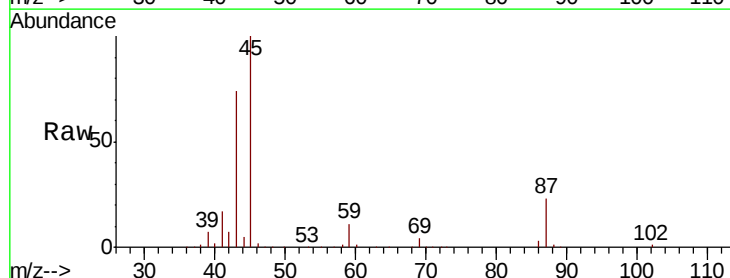
Ion Ratio Lower Upper

45 100

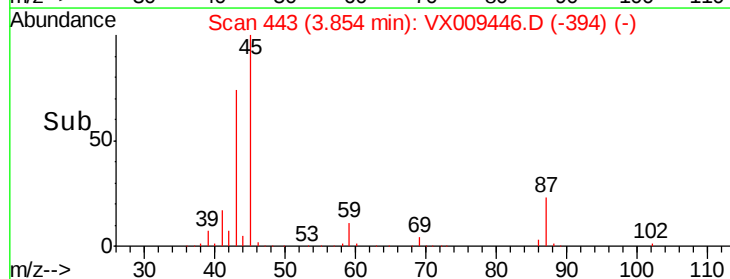
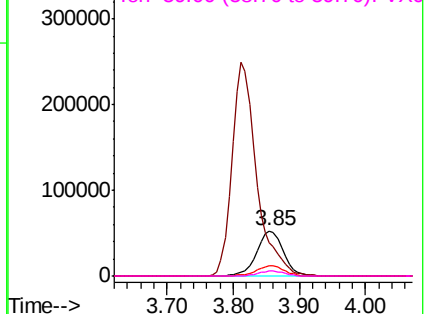
43 74.4 56.1 84.1

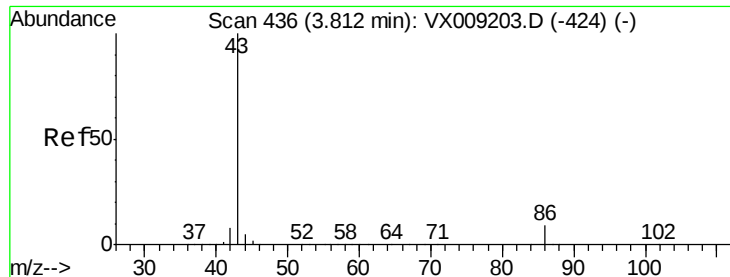
87 23.3 18.1 27.1

59 10.8 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: 105.241 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

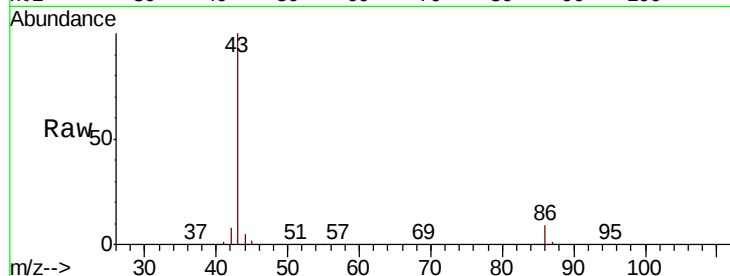
ClientSampled :

Tot Ion: 43 Resp: 642352

Ion Ratio Lower Upper

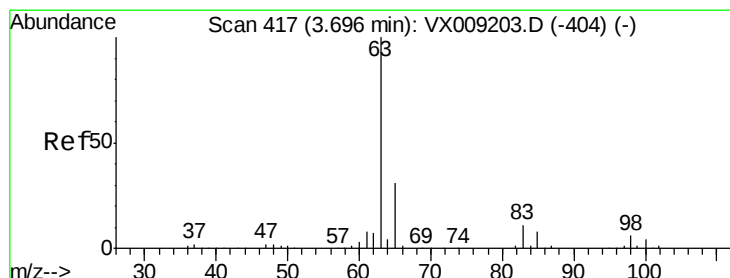
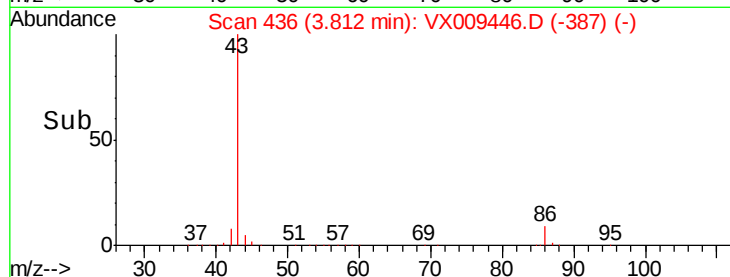
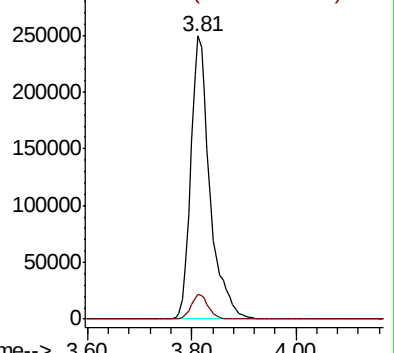
43 100

86 8.7 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: 20.305 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

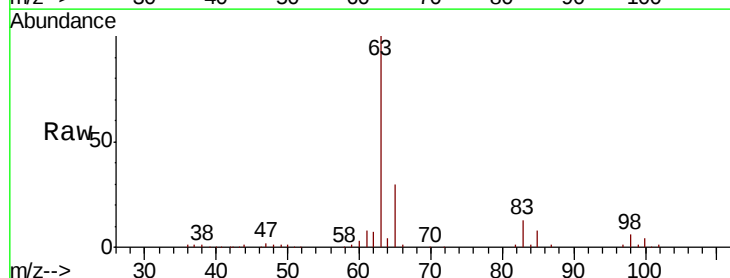
Tgt Ion: 63 Resp: 71397

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

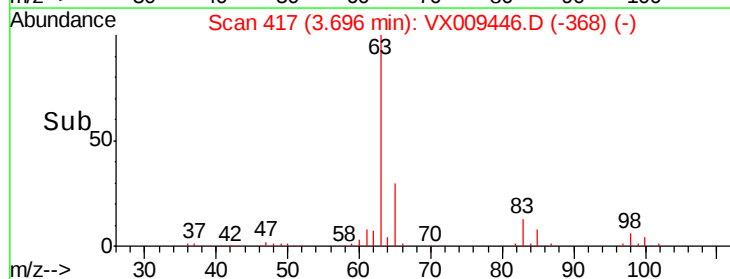
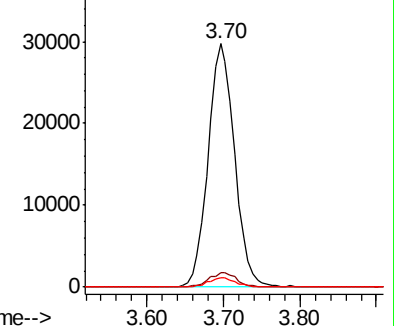
100 4.1 2.0 6.0

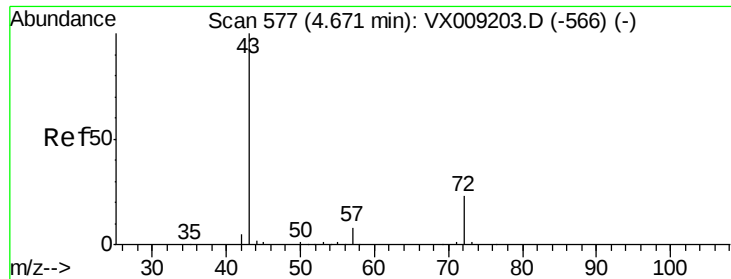


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.832 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

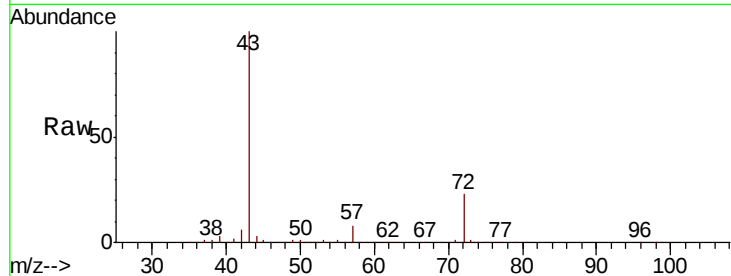
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 186170

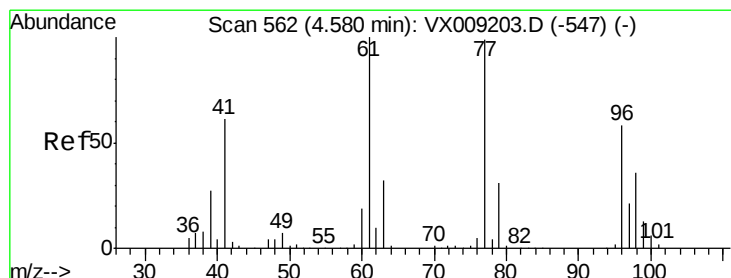
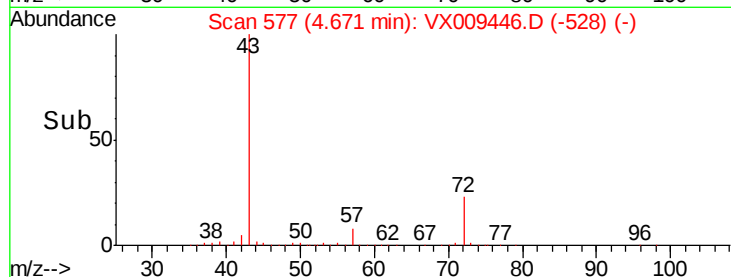
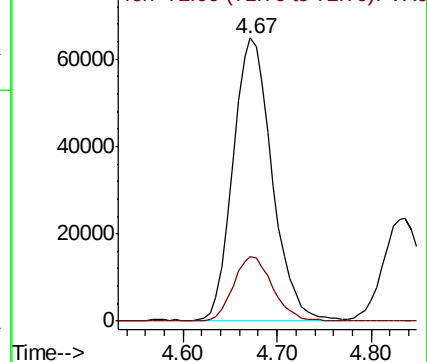
Ion Ratio Lower Upper

43 100

72 22.6 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: 16.401 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009446.D

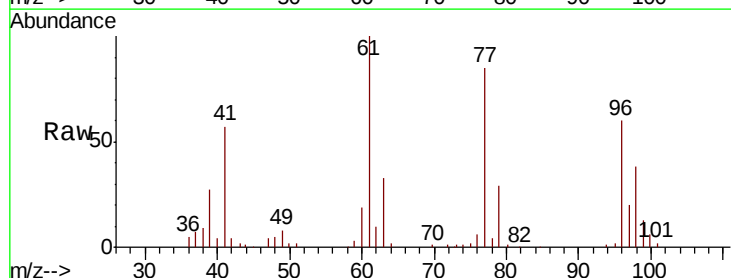
Acq: 09 May 2019 23:11

Tgt Ion: 77 Resp: 42927

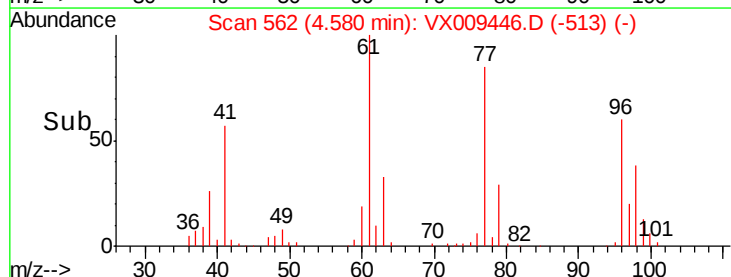
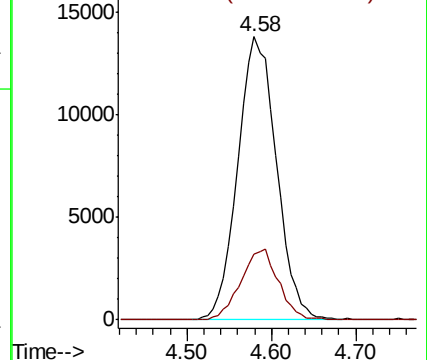
Ion Ratio Lower Upper

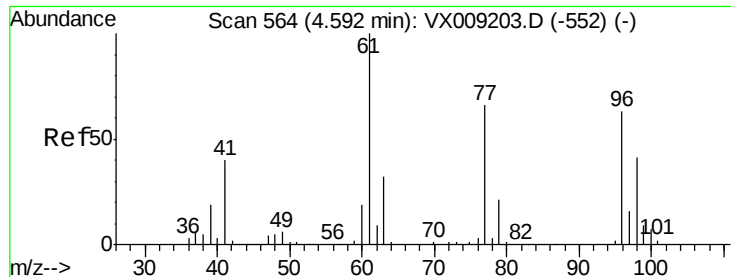
77 100

97 24.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



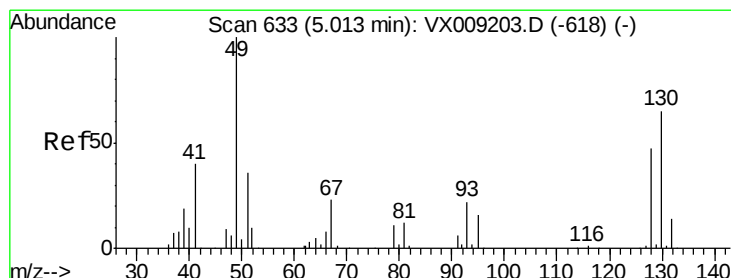
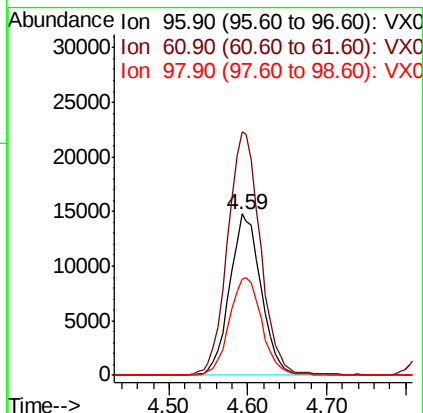
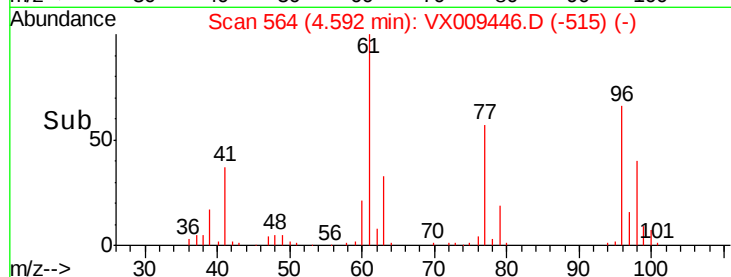
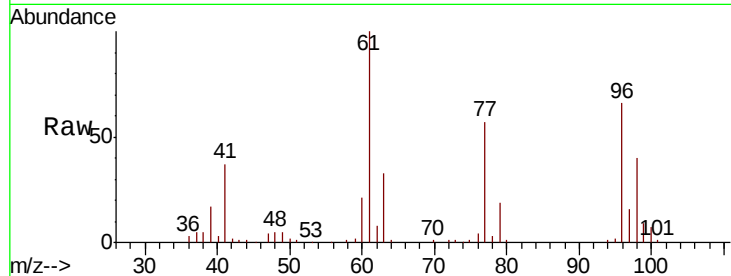


#27

cis-1,2-Dichloroethene
Concen: 20.817 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Instrument :
MSVOA_X
ClientSampled :

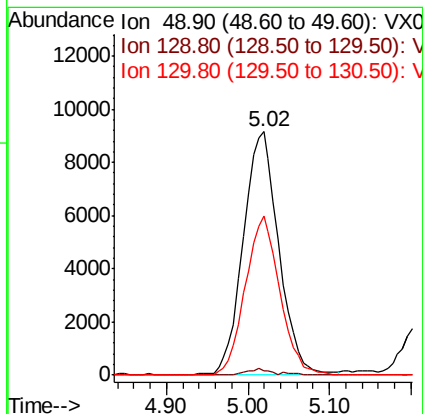
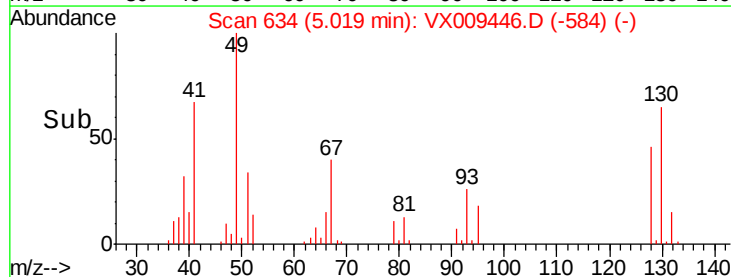
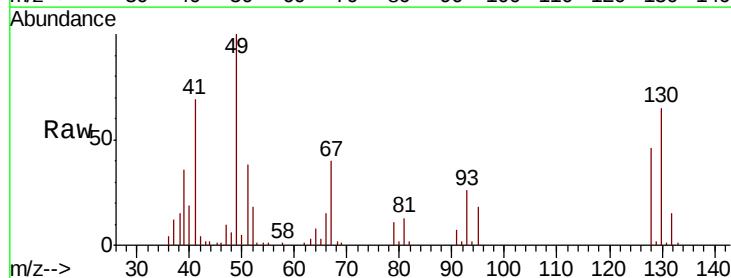
Tot Ion: 96 Resp: 40984
Ion Ratio Lower Upper
96 100
61 157.6 0.0 324.0
98 62.5 0.0 130.4

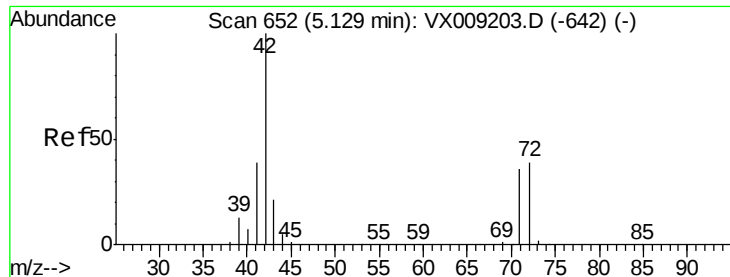


#28

Bromochloromethane
Concen: 17.889 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 49 Resp: 27813
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 63.0 51.2 76.8





#29

Tetrahydrofuran

Concen: 103.813 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampled :

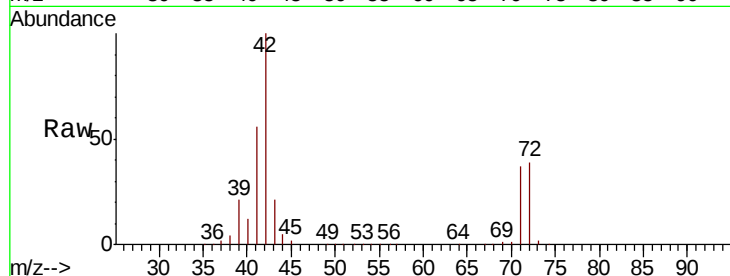
Tot Ion: 42 Resp: 123342

Ion Ratio Lower Upper

42 100

72 38.2 30.4 45.6

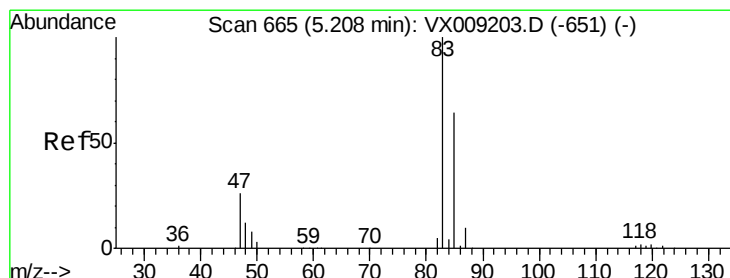
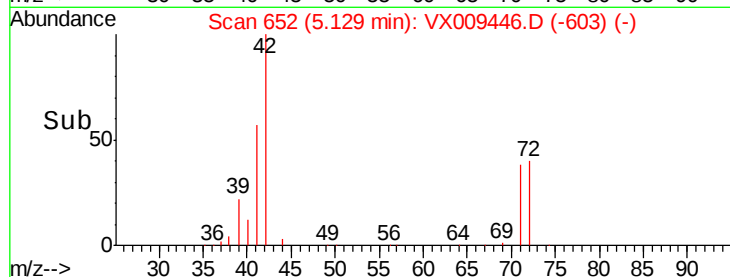
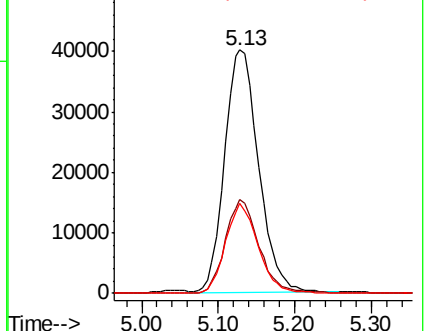
71 35.8 28.6 43.0



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: 20.496 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009446.D

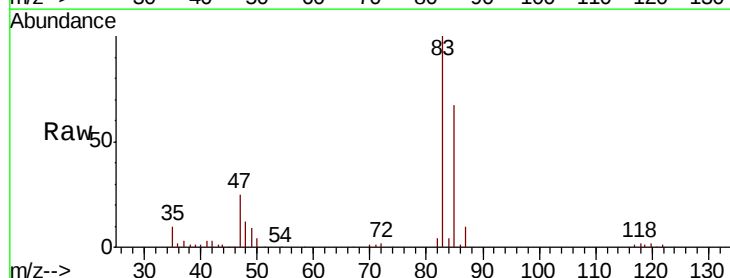
Acq: 09 May 2019 23:11

Tgt Ion: 83 Resp: 65180

Ion Ratio Lower Upper

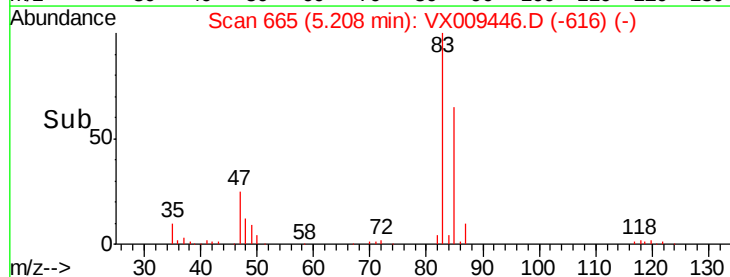
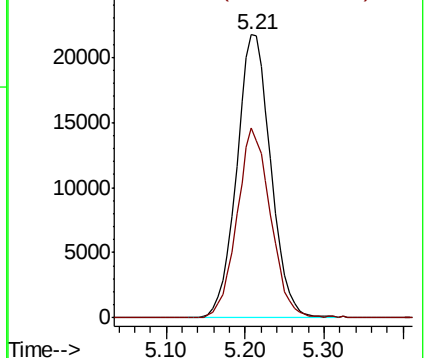
83 100

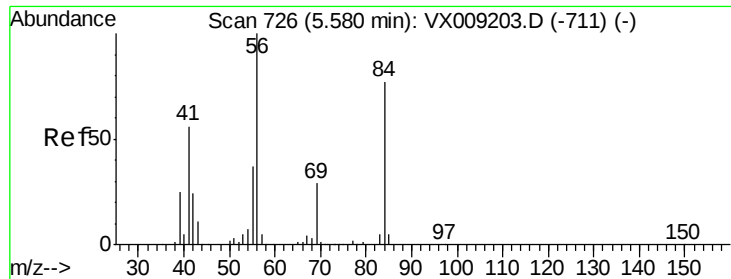
85 67.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.157 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

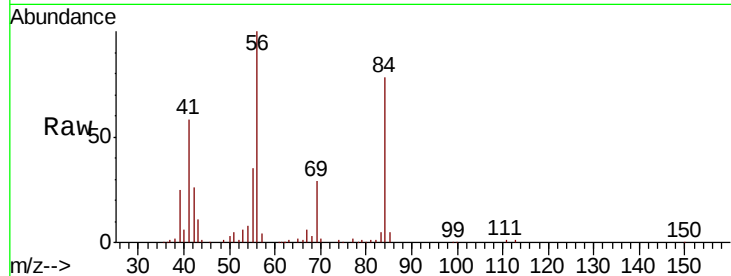
Tot Ion: 56 Resp: 69212

Ion Ratio Lower Upper

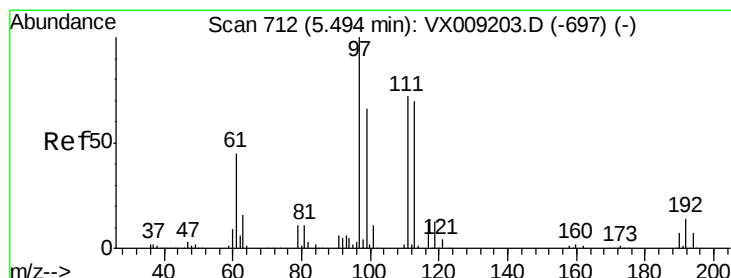
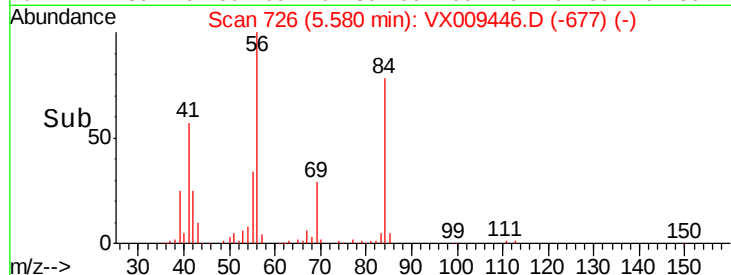
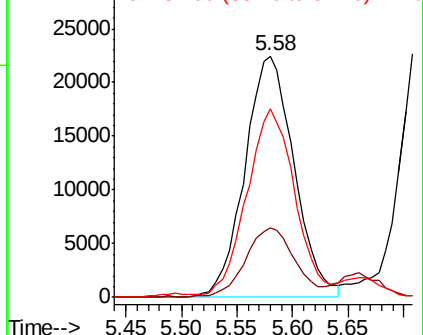
56 100

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: 20.545 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

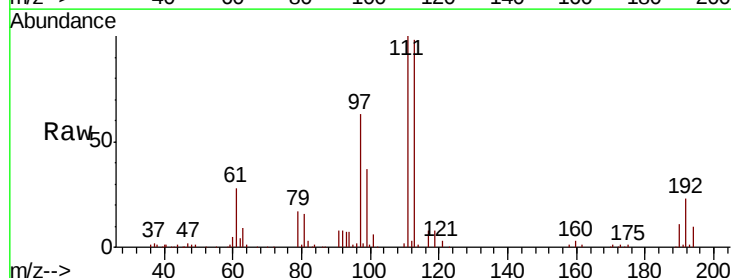
Tgt Ion: 97 Resp: 54389

Ion Ratio Lower Upper

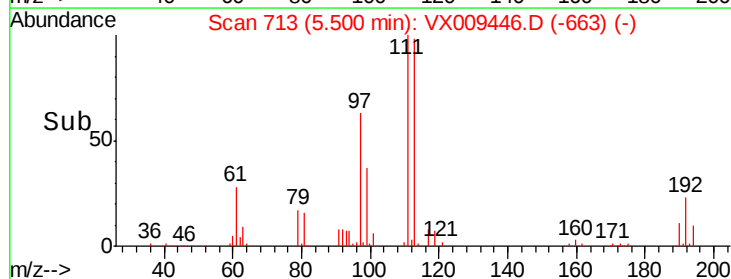
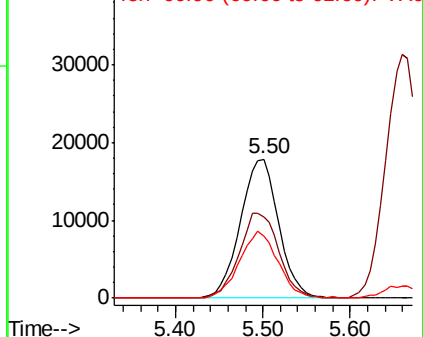
97 100

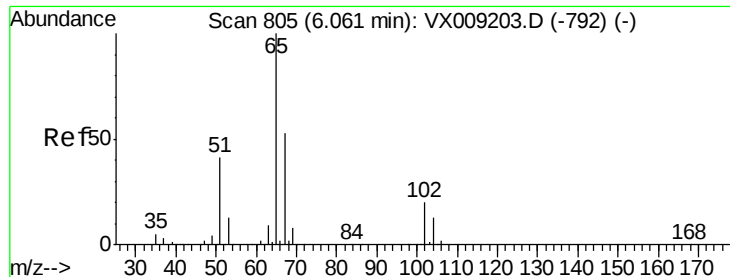
99 63.2 51.8 77.8

61 48.1 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: 48.817 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

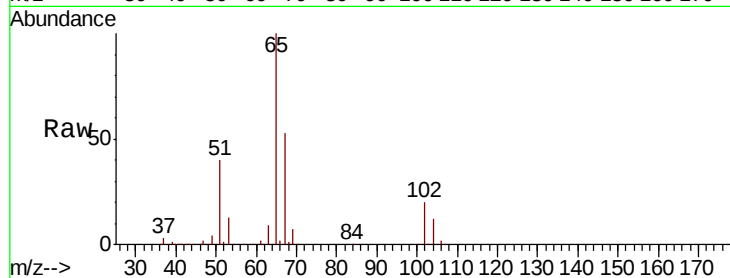
ClientSampleId :

Tot Ion: 65 Resp: 108018

Ion Ratio Lower Upper

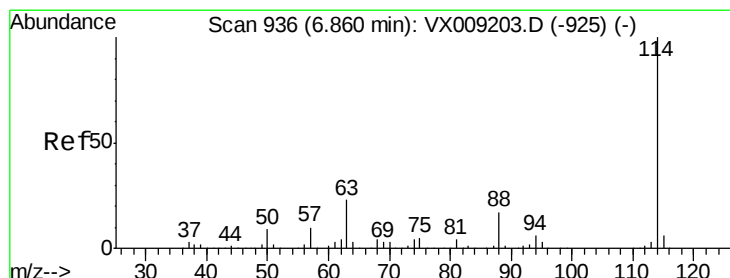
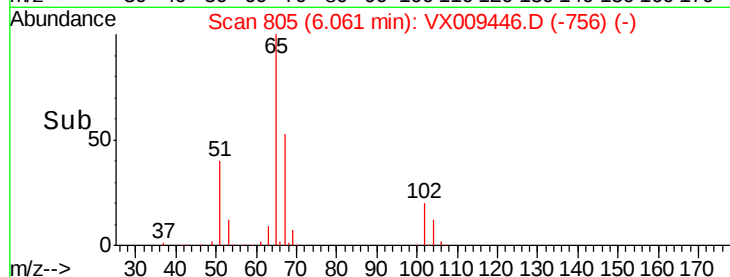
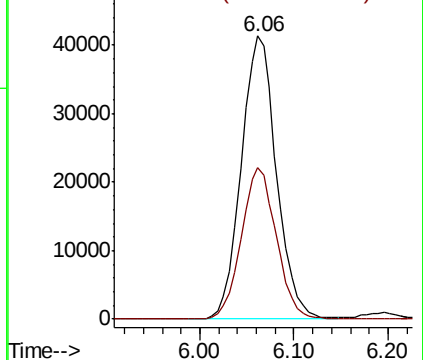
65 100

67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

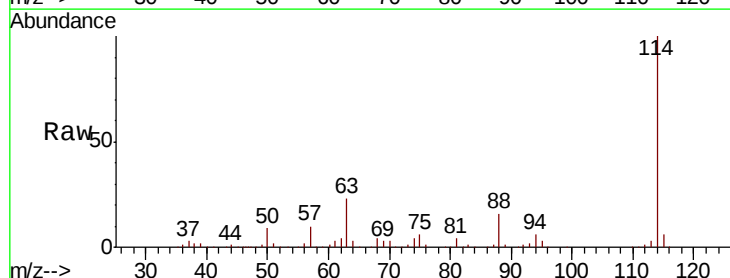
Tgt Ion: 114 Resp: 261125

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

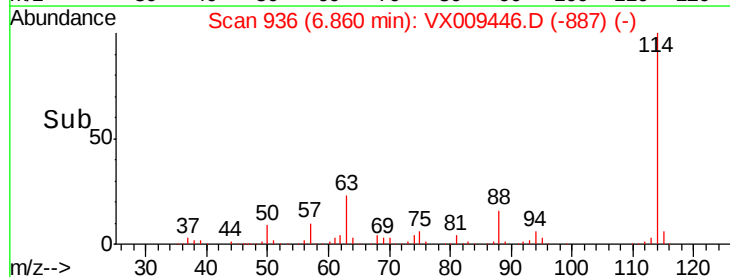
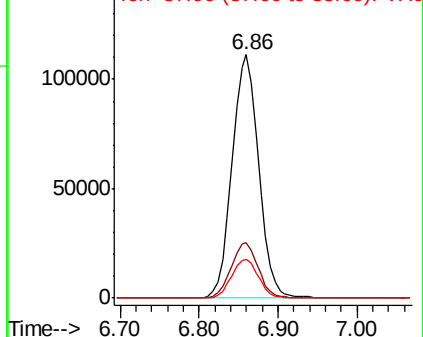
88 15.9 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

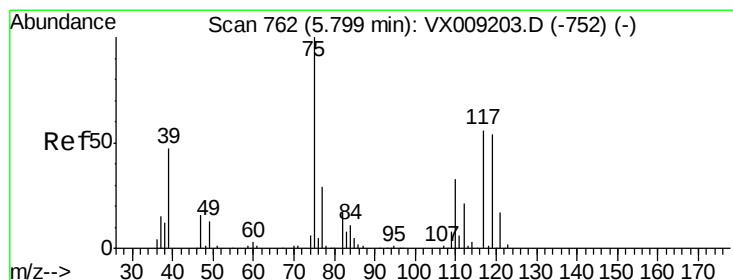
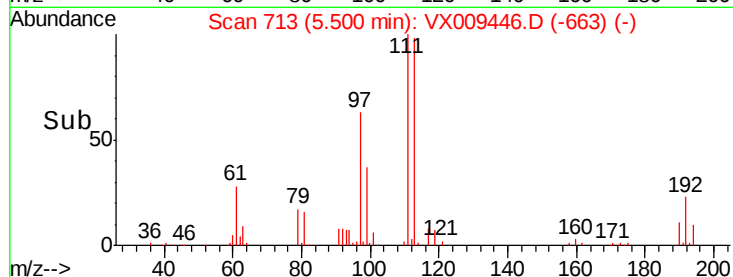
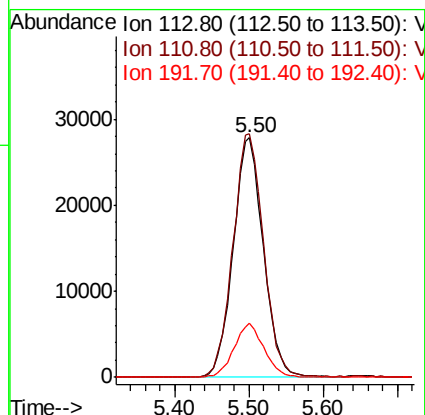
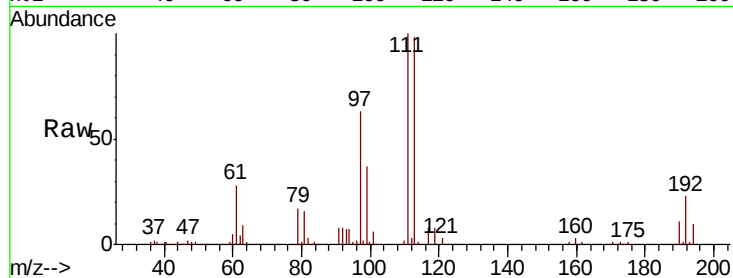




#35
 Dibromofluoromethane
 Concen: 48.118 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

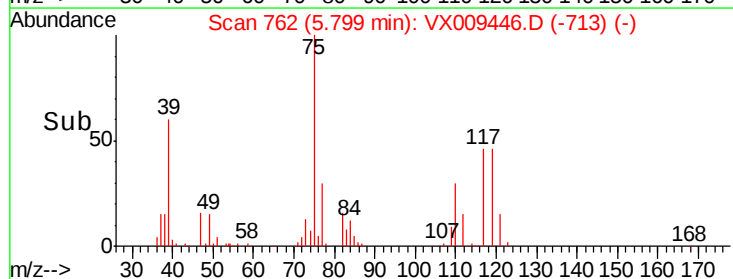
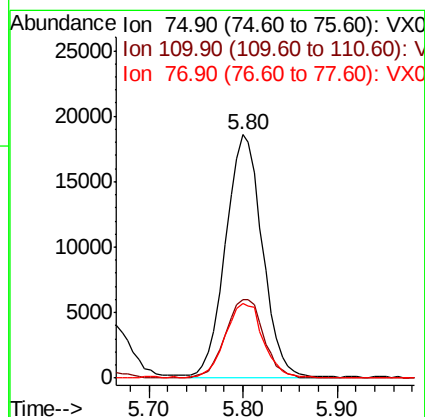
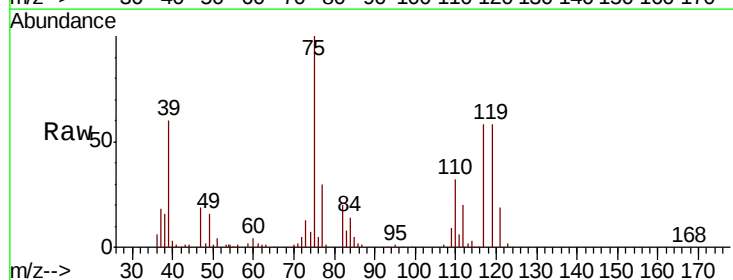
Instrument :
 MSVOA_X
 ClientSampleId :

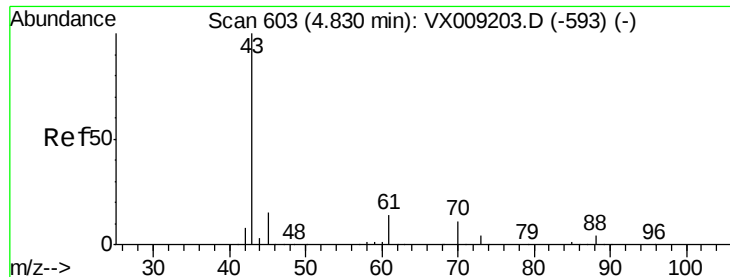
Tot Ion:113 Resp: 78988
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 22.1 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 20.607 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion: 75 Resp: 50006
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.9 50.6
 77 32.3 24.8 37.2

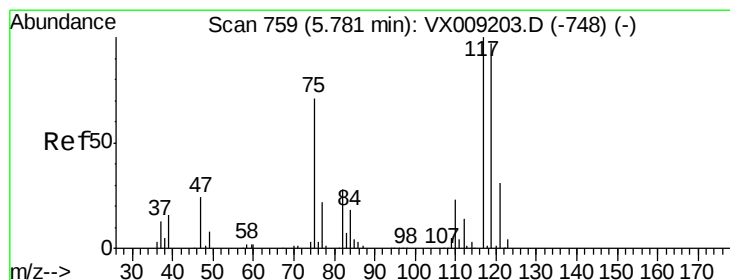
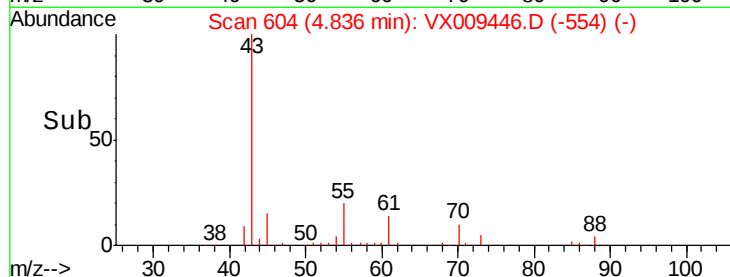
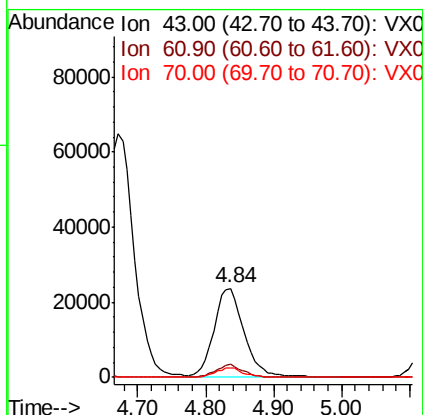
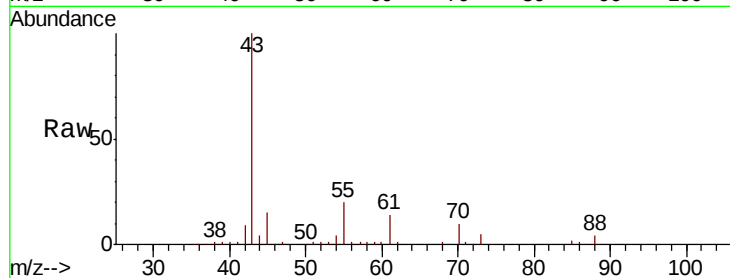




#37
Ethyl Acetate
Concen: 21.223 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

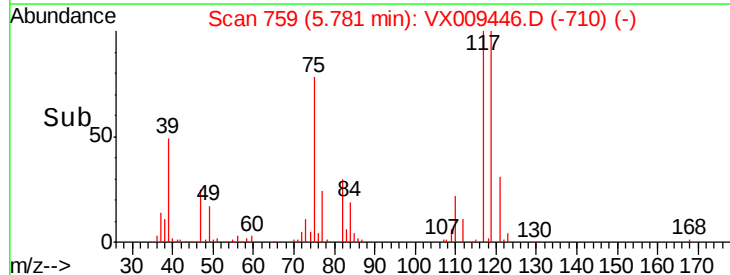
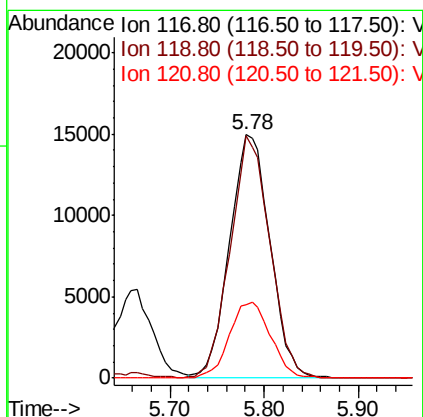
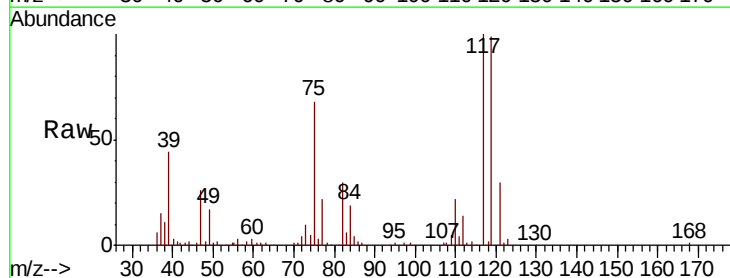
Instrument :
MSVOA_X
ClientSampled :

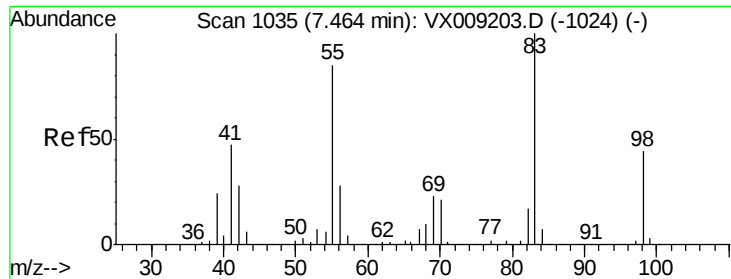
Tot Ion: 43 Resp: 71755
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.221 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 117 Resp: 44584
Ion Ratio Lower Upper
117 100
119 99.5 77.5 116.3
121 30.1 24.7 37.1

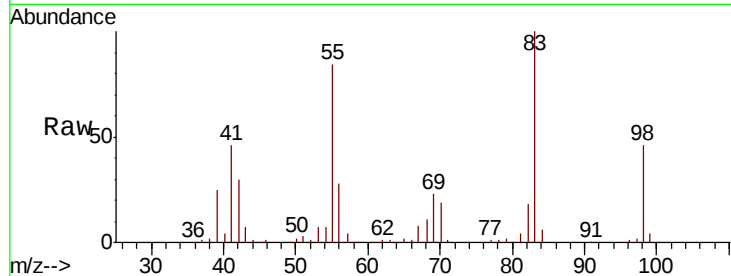




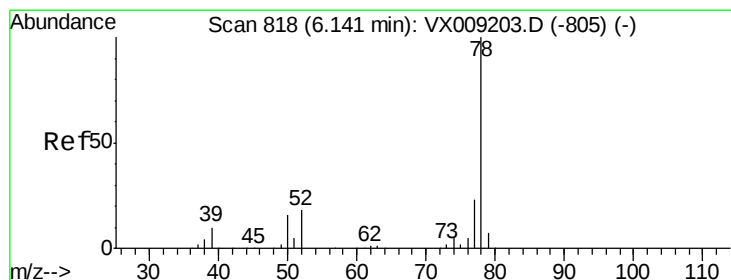
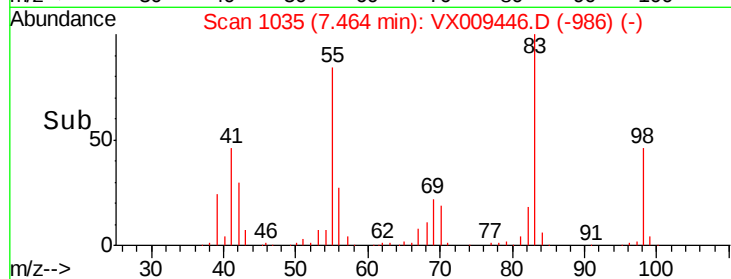
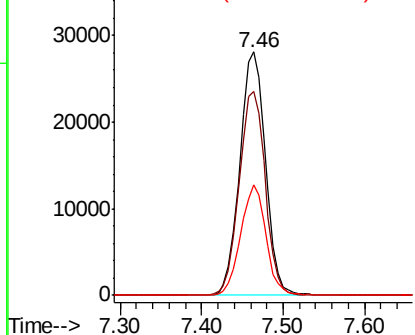
#39
Methvlcvclohexane
Concen: 20.580 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 61331
Ion Ratio Lower Upper
83 100
55 83.5 67.7 101.5
98 45.5 35.5 53.3

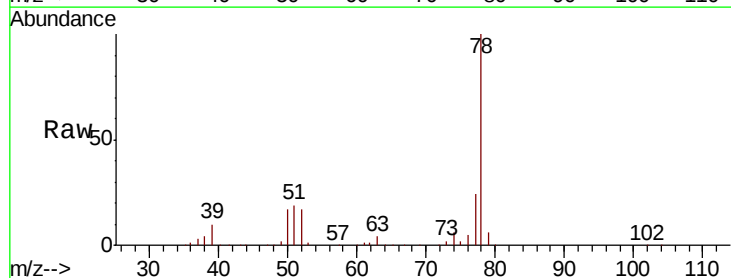


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

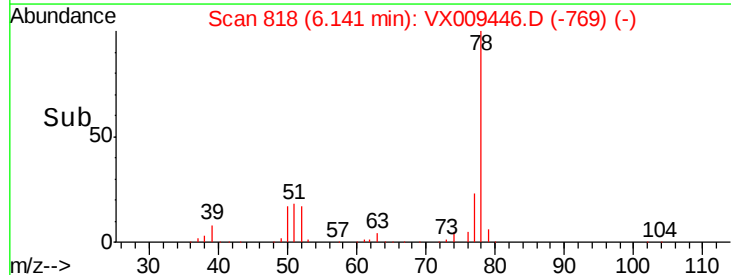
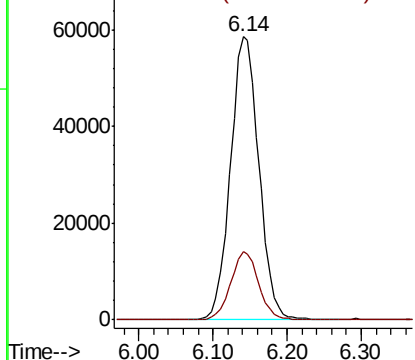


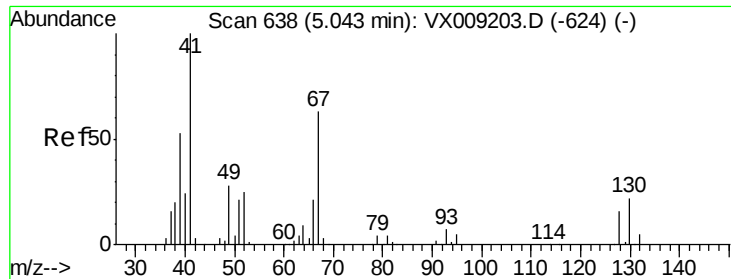
#40
Benzene
Concen: 20.845 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 78 Resp: 156546
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: 19.797 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

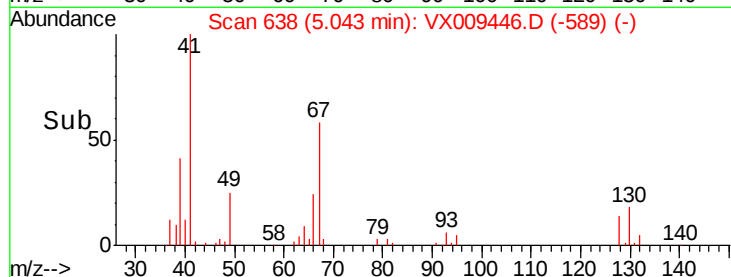
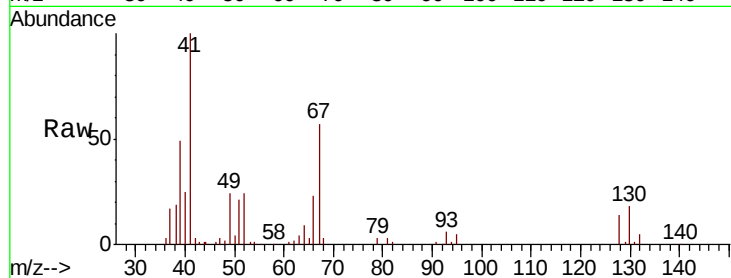
Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 39845

Ion	Ratio	Lower	Upper
41	100		
39	52.2	42.0	63.0
67	63.3	49.8	74.8
52	25.6	20.3	30.5

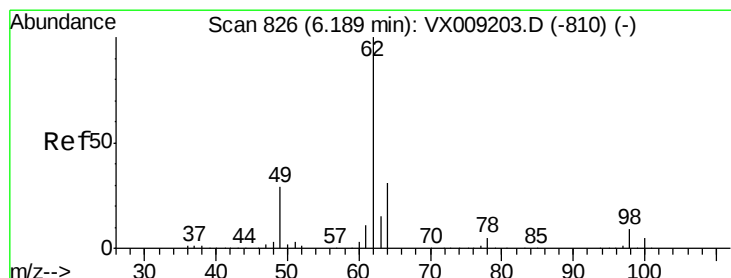


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.185 ug/l

RT: 6.19 min Scan# 826

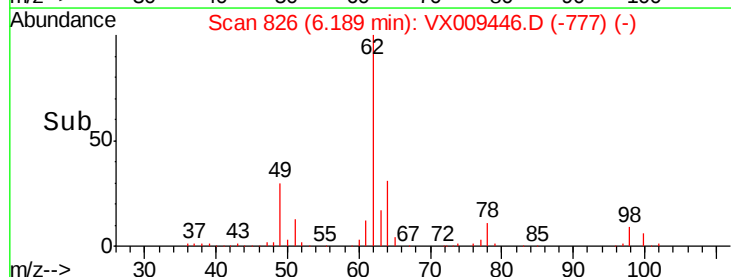
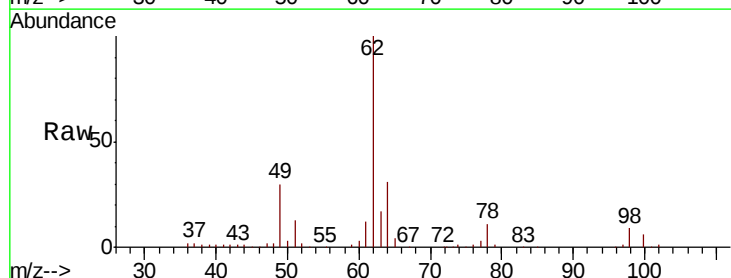
Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Tgt Ion: 62 Resp: 57073

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

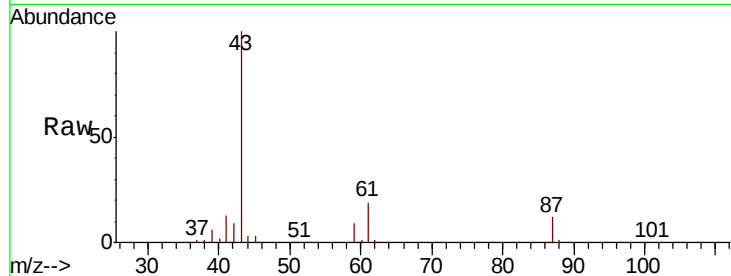


#43

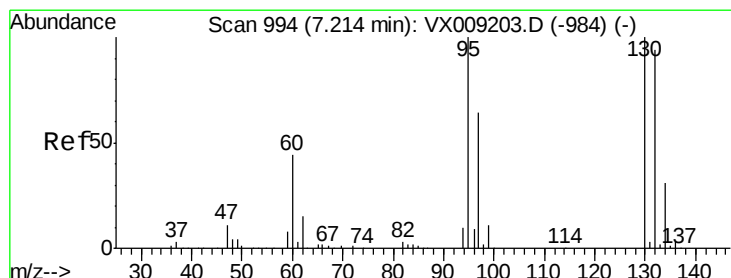
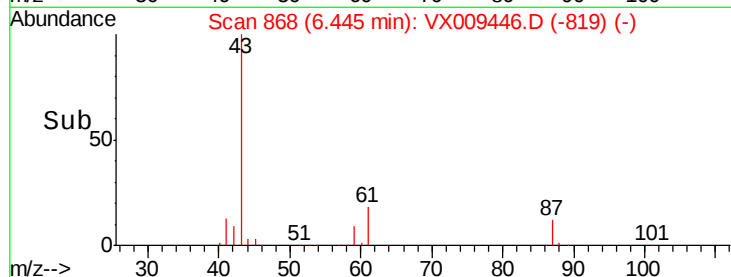
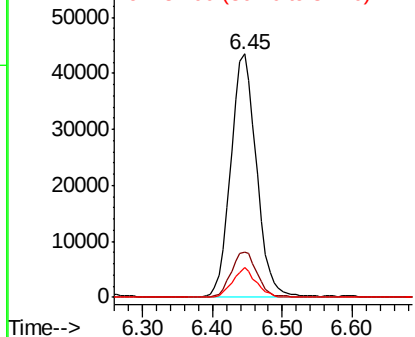
Isopropyl Acetate
 Concen: 20.467 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 110687
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.1 22.7
 87 11.3 9.0 13.6



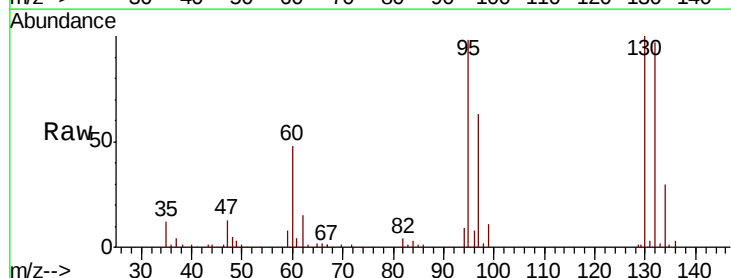
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



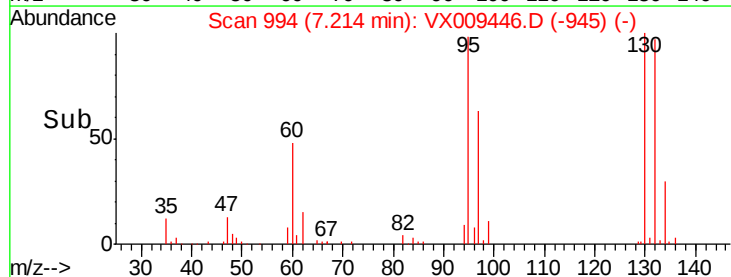
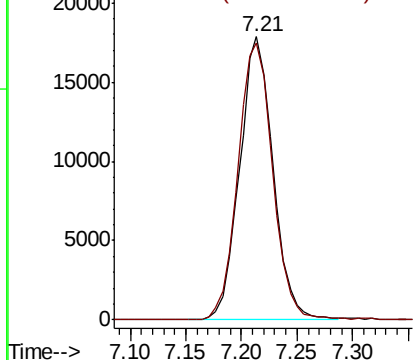
#44

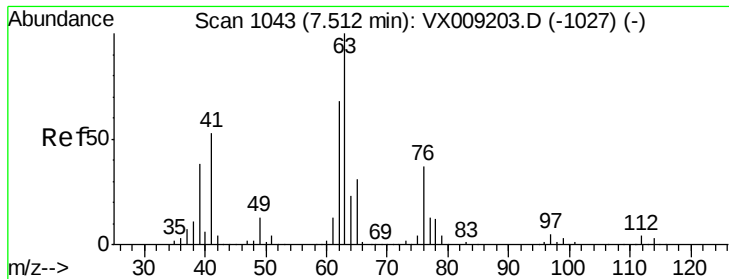
Trichloroethene
 Concen: 20.529 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion:130 Resp: 37273
 Ion Ratio Lower Upper
 130 100
 95 97.8 0.0 199.2



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





#45

1,2-Dichloropropane

Concen: 20.690 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

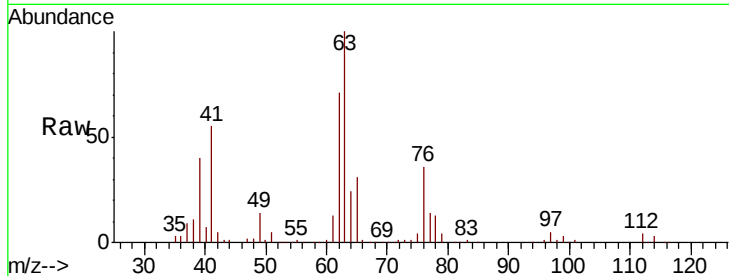
ClientSampled :

Tot Ion: 63 Resp: 43999

Ion Ratio Lower Upper

63 100

65 30.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

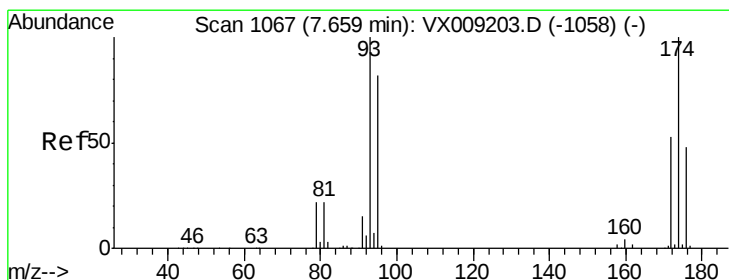
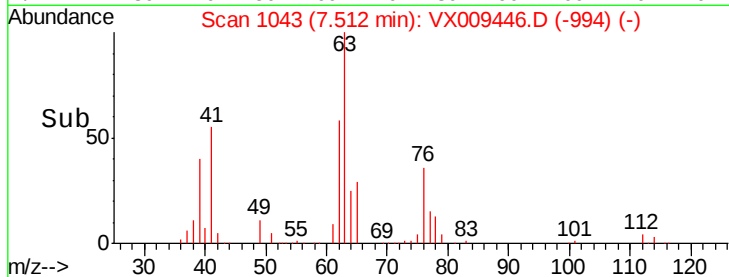
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 20.471 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

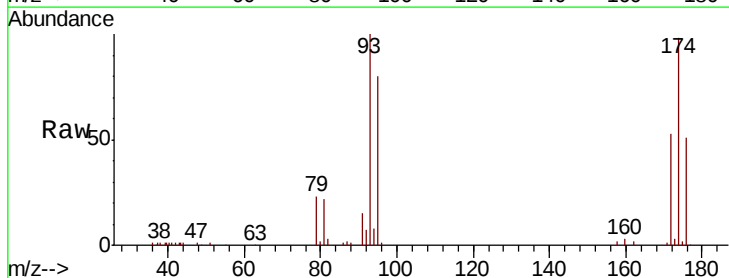
Tgt Ion: 93 Resp: 25280

Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

174 103.4 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

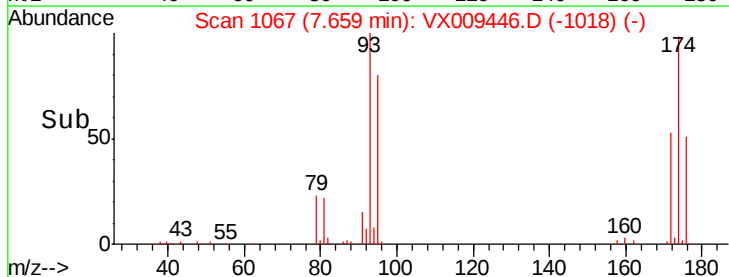
10000

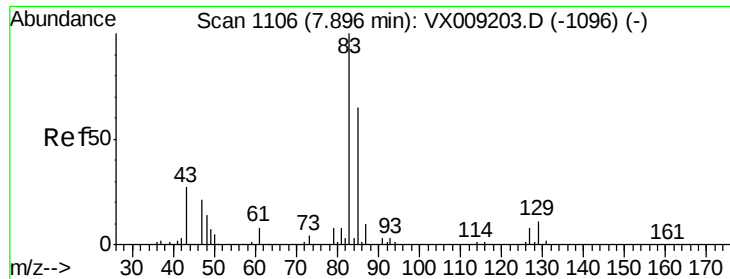
5000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 20.203 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

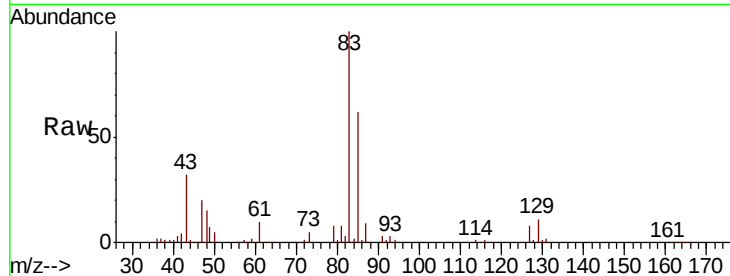
Tot Ion: 83 Resp: 49766

Ion Ratio Lower Upper

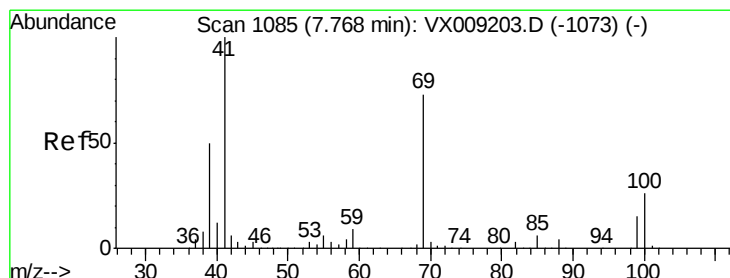
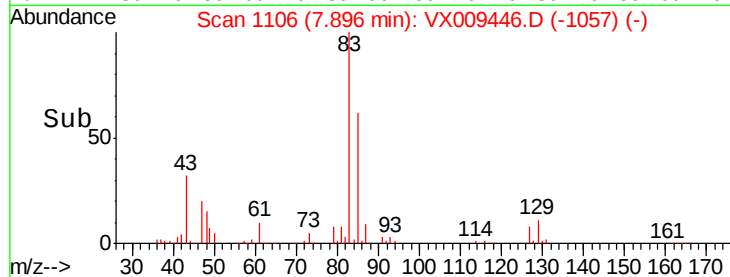
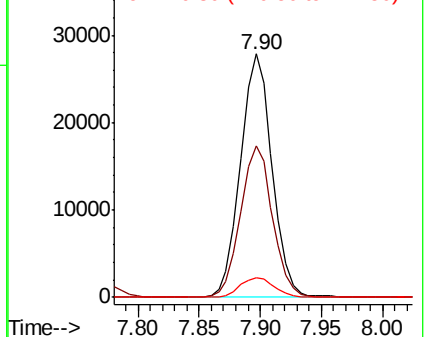
83 100

85 62.3 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: 20.536 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

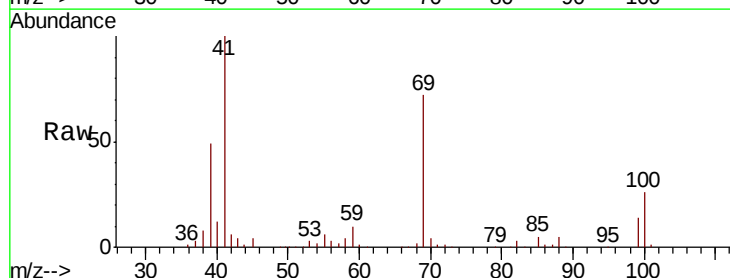
Tgt Ion: 41 Resp: 55101

Ion Ratio Lower Upper

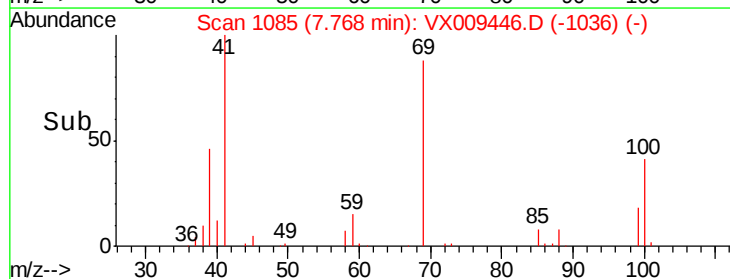
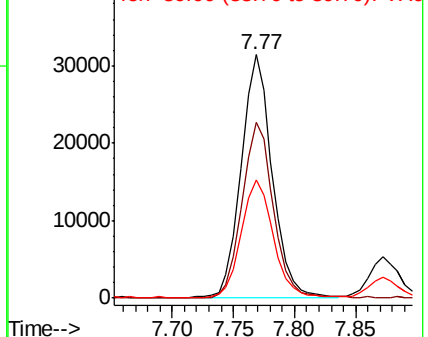
41 100

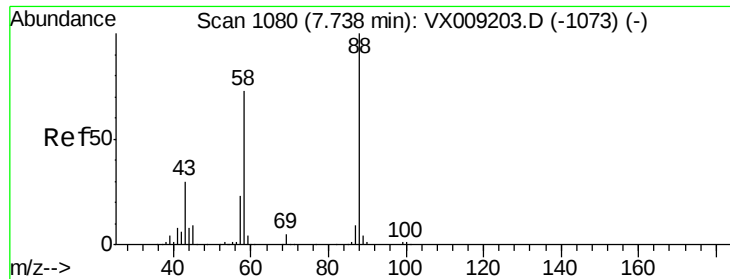
69 73.6 59.1 88.7

39 49.9 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: 419.471 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

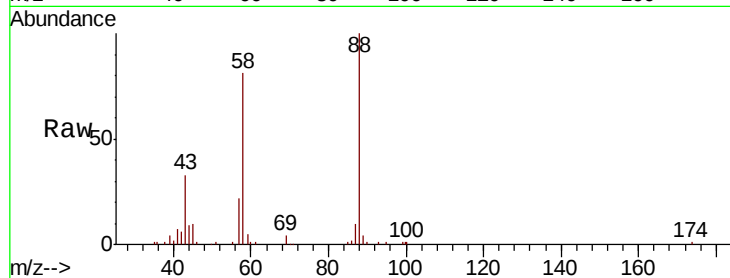
Tot Ion: 88 Resp: 22825

Ion Ratio Lower Upper

88 100

43 36.4 28.6 42.8

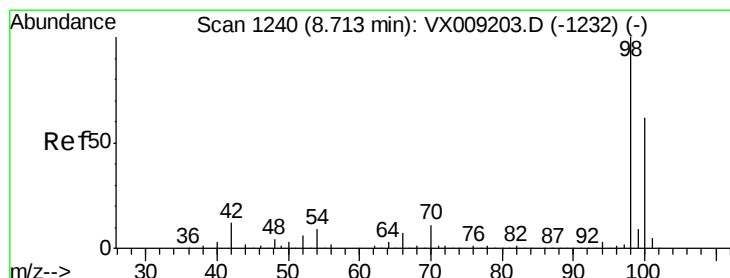
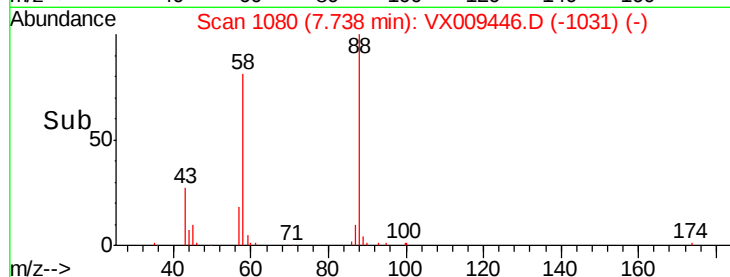
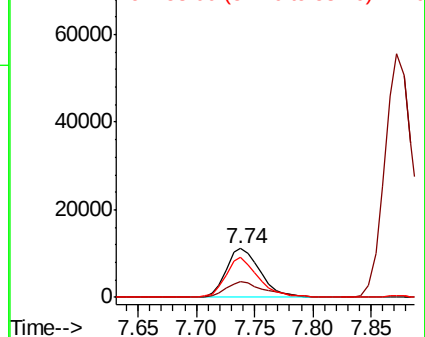
58 79.0 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.380 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009446.D

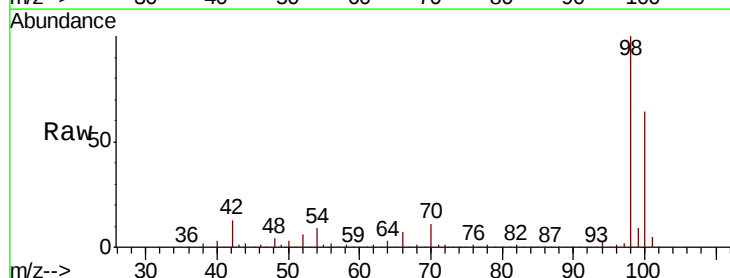
Acq: 09 May 2019 23:11

Tgt Ion: 98 Resp: 320628

Ion Ratio Lower Upper

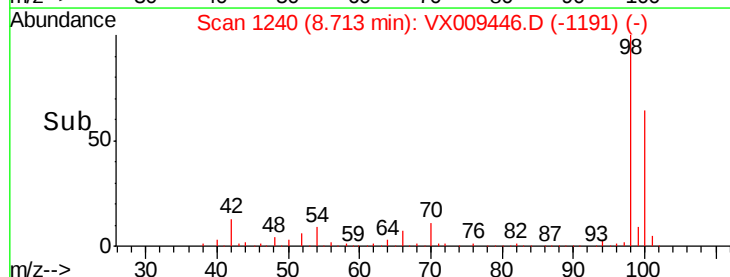
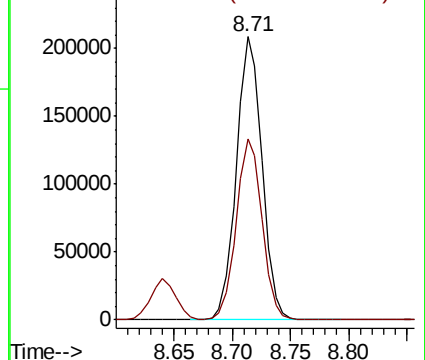
98 100

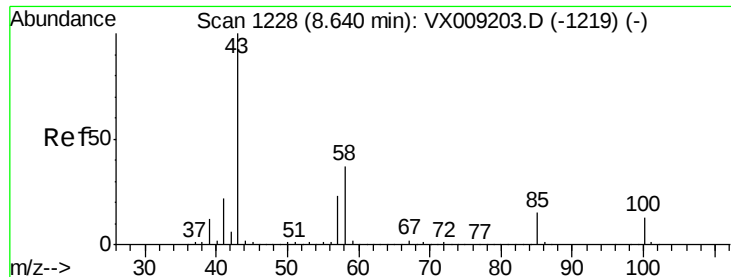
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 103.749 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

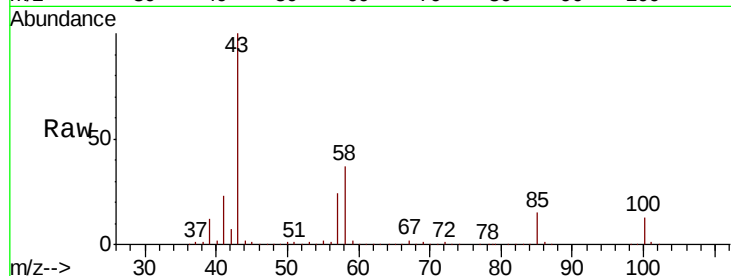
ClientSampled :

Tot Ion: 43 Resp: 366745

Ion Ratio Lower Upper

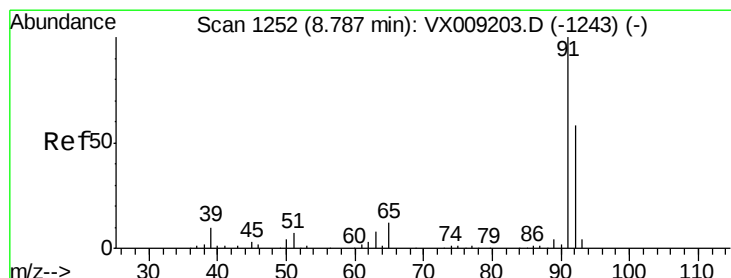
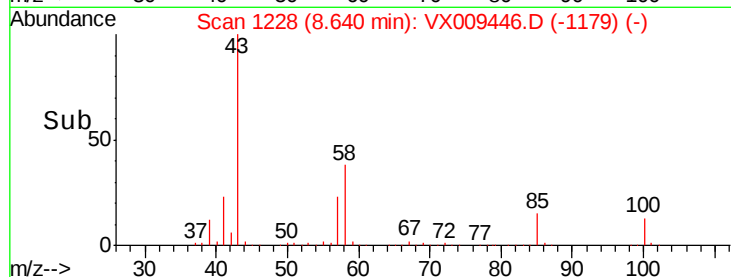
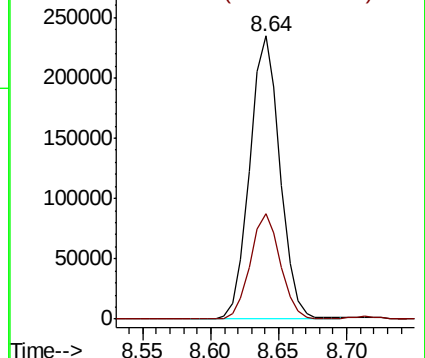
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.358 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009446.D

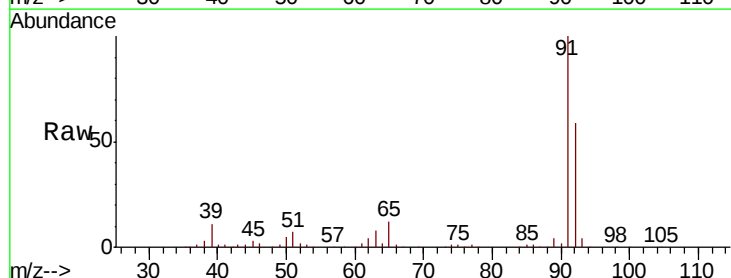
Acq: 09 May 2019 23:11

Tgt Ion: 92 Resp: 97503

Ion Ratio Lower Upper

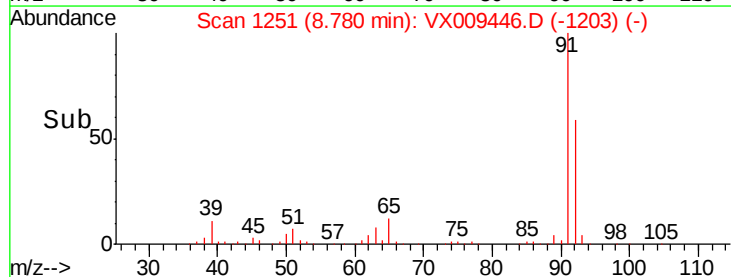
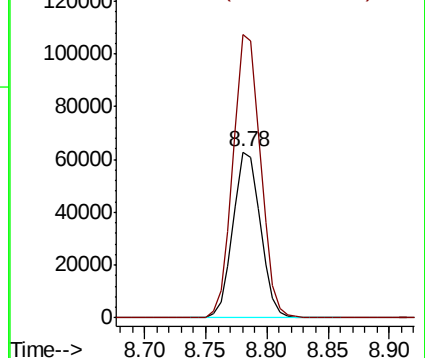
92 100

91 171.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

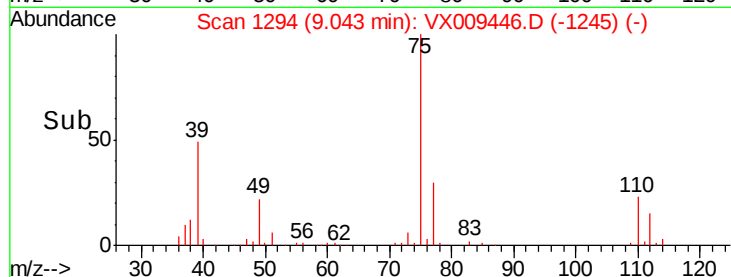
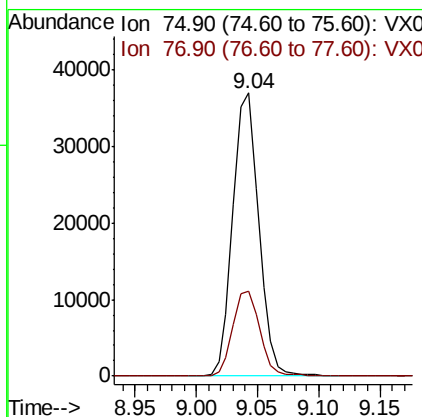
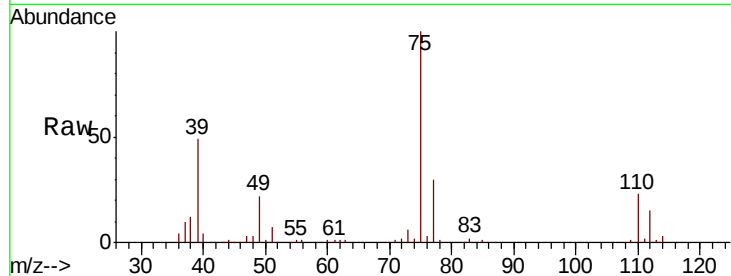




#53
t-1,3-Dichloropropene
Concen: 19.567 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

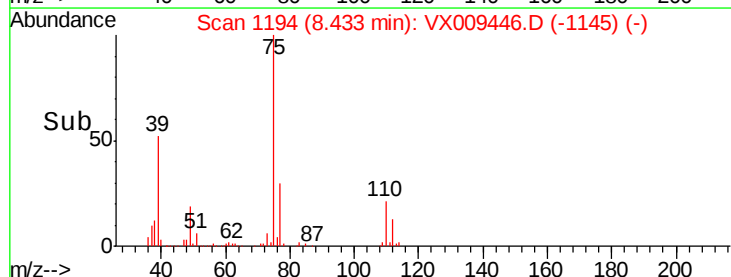
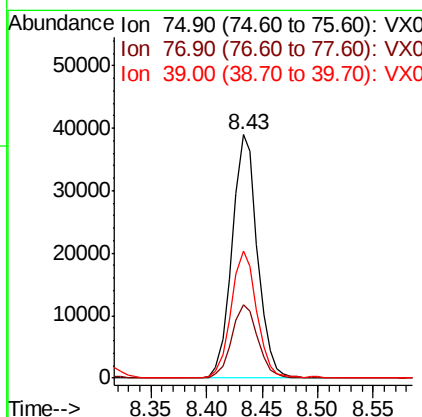
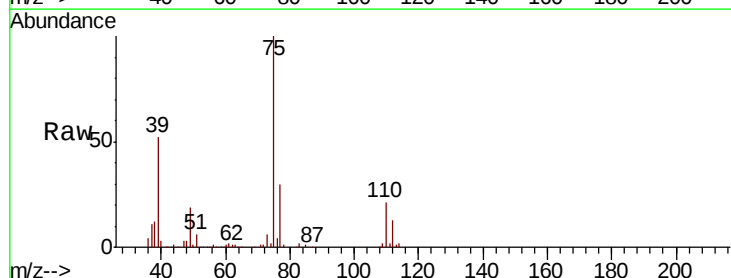
Instrument :
MSVOA_X
ClientSampleId :

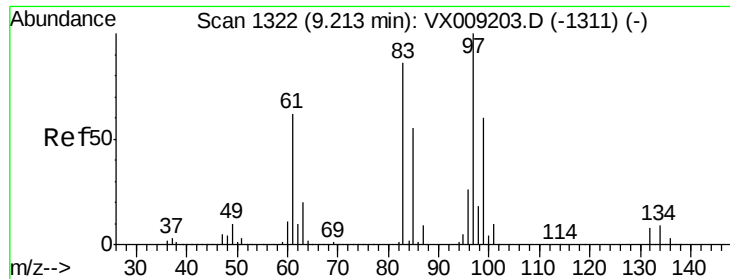
Tot Ion: 75 Resp: 54419
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.020 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 75 Resp: 61626
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8
39 52.2 40.6 60.8

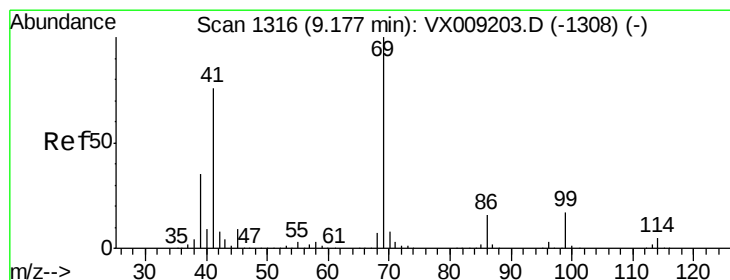
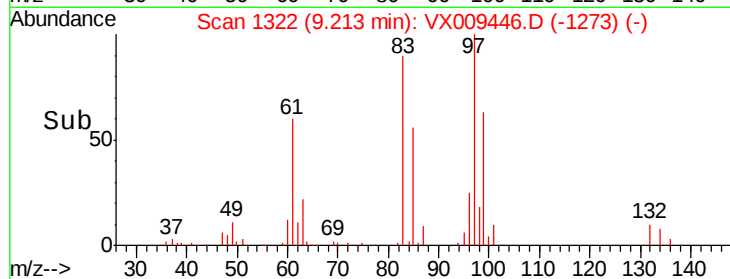
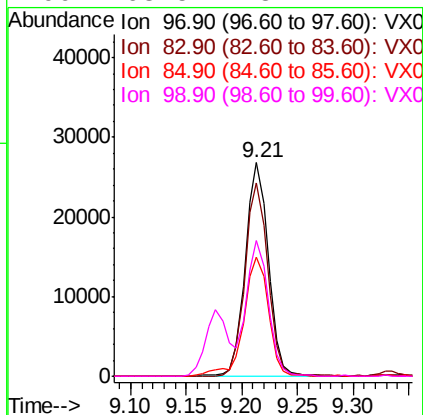
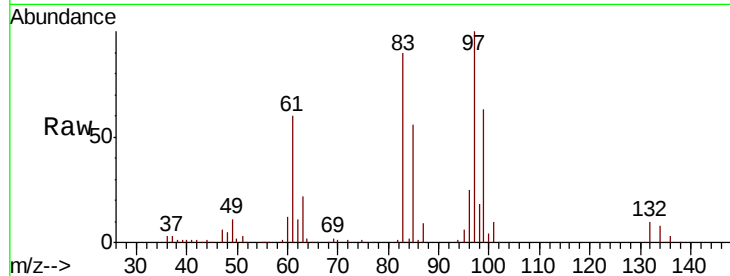




#55
 1,1,2-Trichloroethane
 Concen: 20.871 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

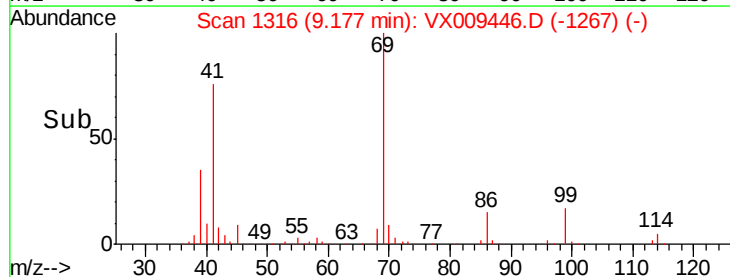
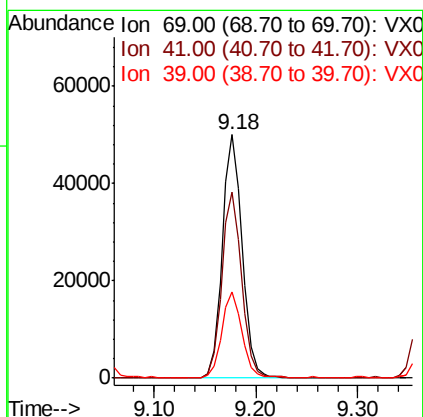
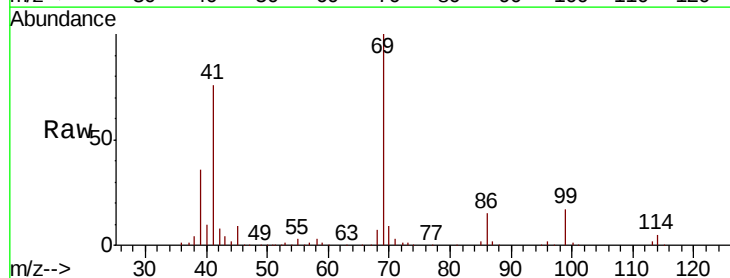
Instrument :
 MSVOA_X
 ClientSampleId :

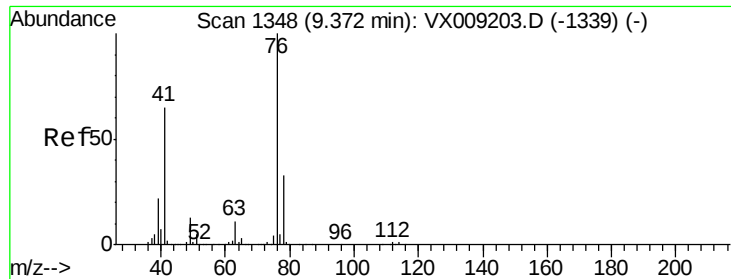
Tot Ion:	97	Resp:	38871
Ion	Ratio	Lower	Upper
97	100		
83	90.2	68.9	103.3
85	55.8	43.8	65.6
99	63.5	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 20.562 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion:	69	Resp:	68360
Ion	Ratio	Lower	Upper
69	100		
41	75.7	60.6	90.8
39	35.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 20.750 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

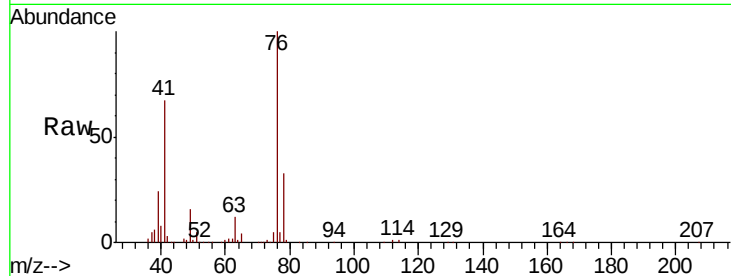
ClientSampled :

Tot Ion: 76 Resp: 68007

Ion Ratio Lower Upper

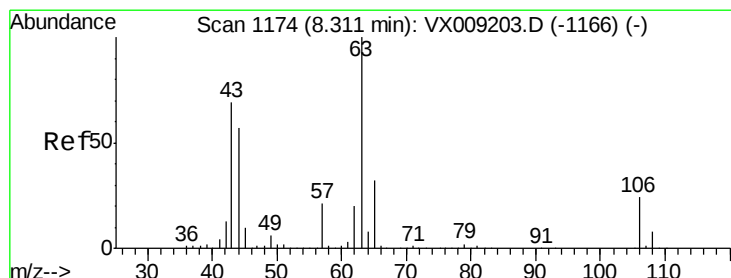
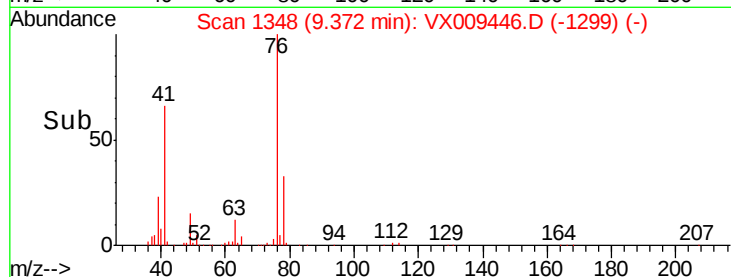
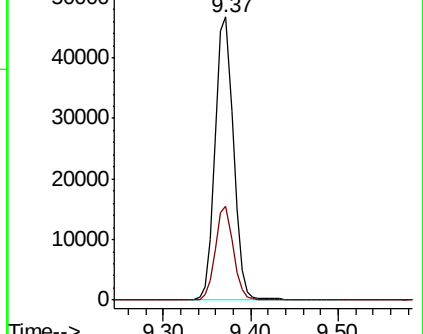
76 100

78 32.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.253 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009446.D

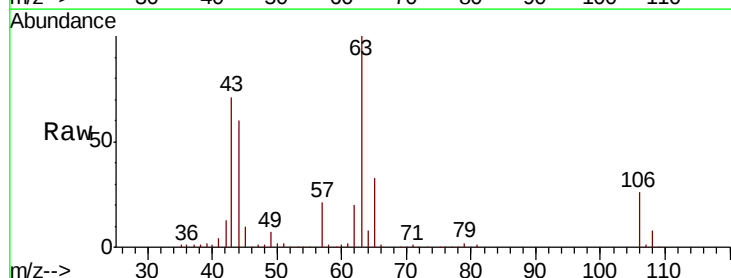
Acq: 09 May 2019 23:11

Tgt Ion: 63 Resp: 164470

Ion Ratio Lower Upper

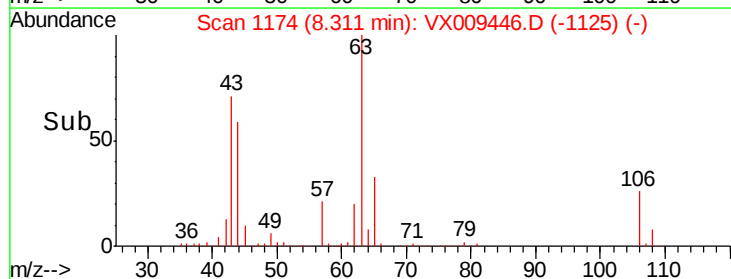
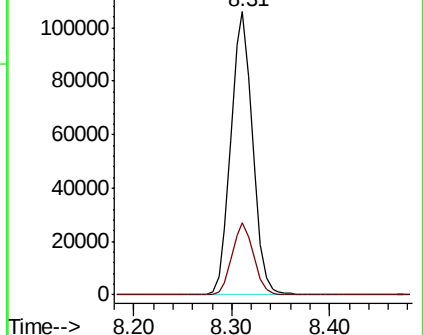
63 100

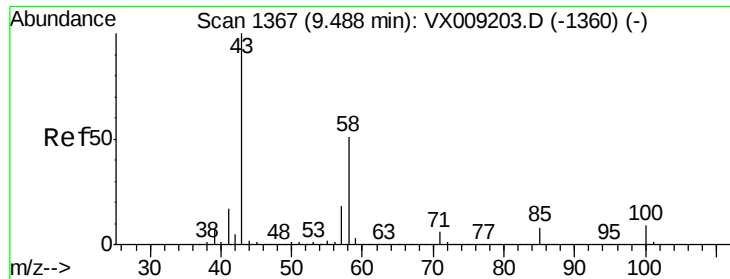
106 25.1 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

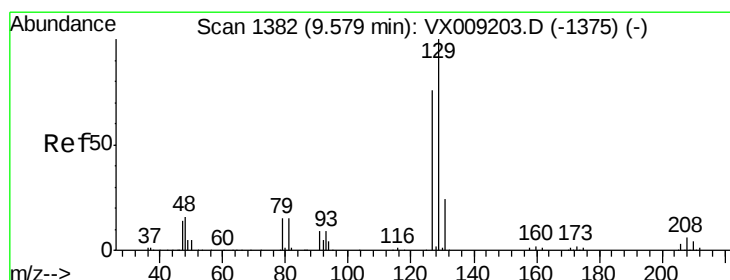
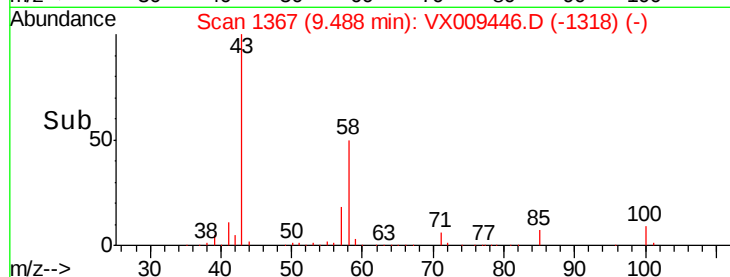
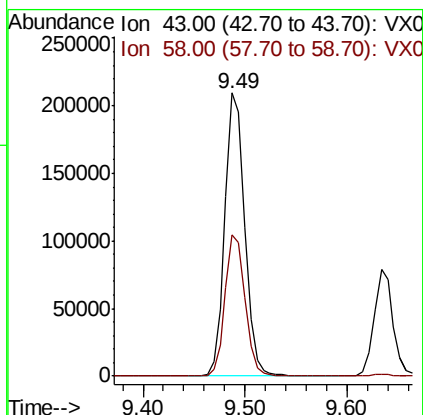
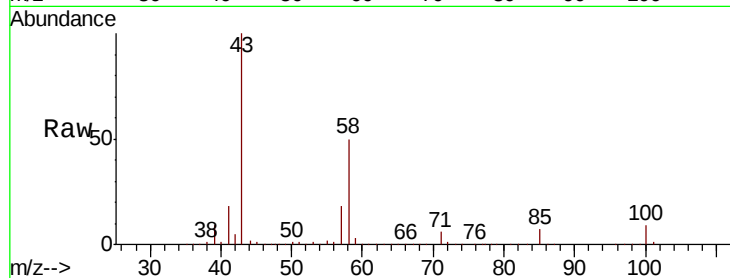




#59
2-Hexanone
Concen: 102.227 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

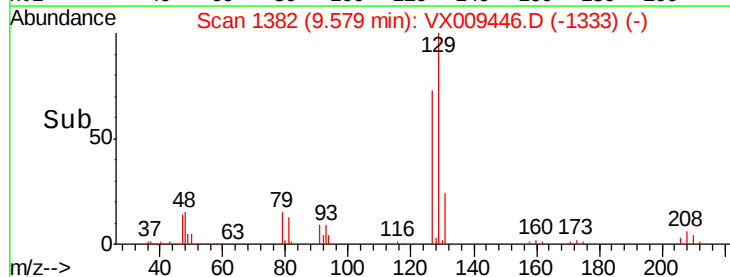
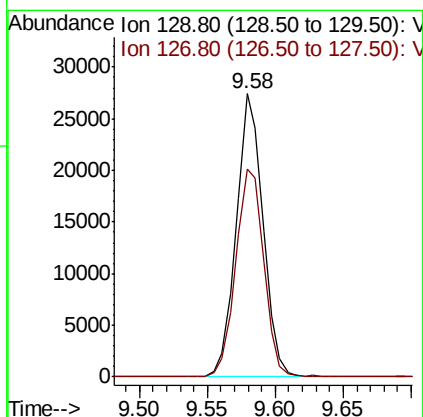
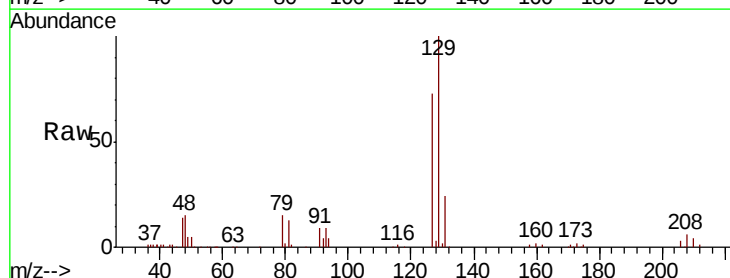
Instrument :
MSVOA_X
ClientSampled :

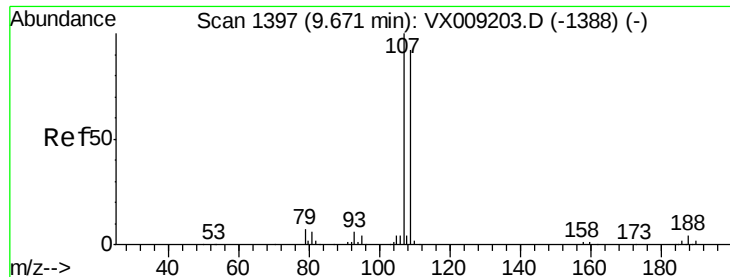
Tot Ion: 43 Resp: 283810
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.7



#60
Dibromochloromethane
Concen: 20.593 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion:129 Resp: 37459
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.007 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

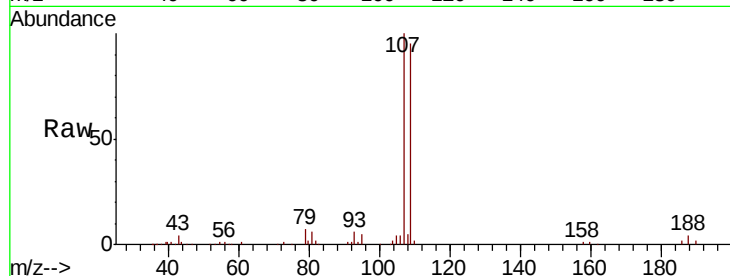
ClientSampleId :

Tot Ion:107 Resp: 39494

Ion Ratio Lower Upper

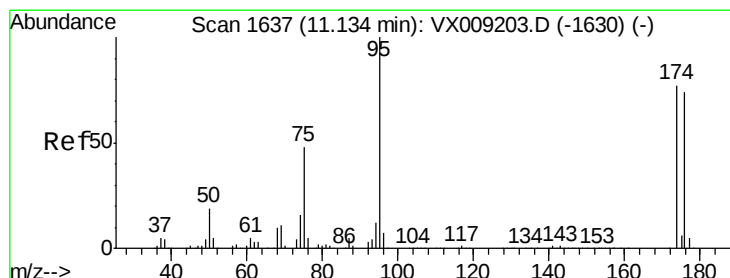
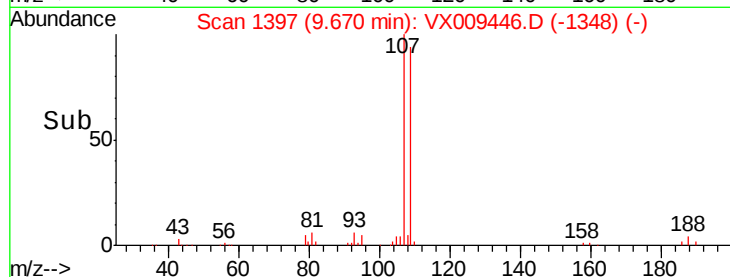
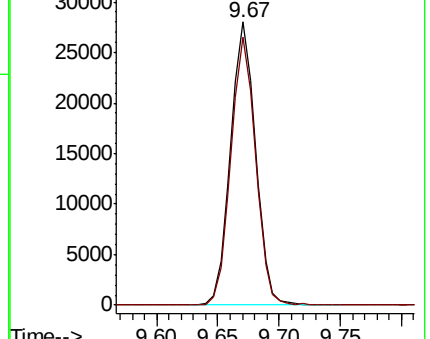
107 100

109 93.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.144 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

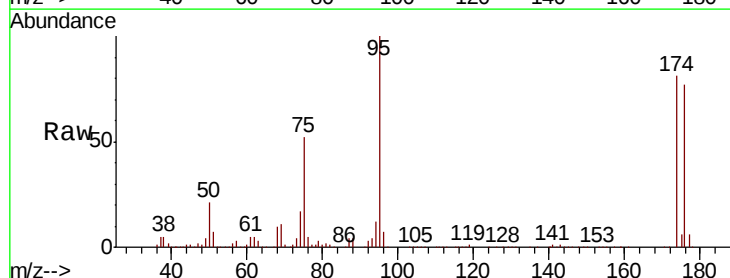
Tgt Ion: 95 Resp: 115935

Ion Ratio Lower Upper

95 100

174 82.8 0.0 161.6

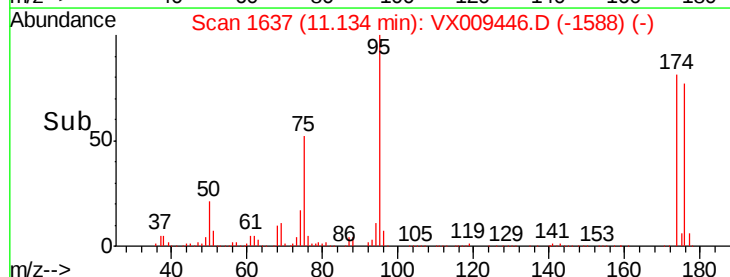
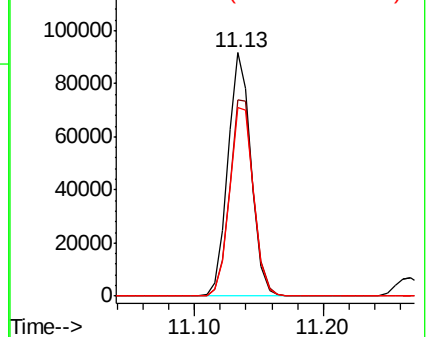
176 80.2 0.0 159.2

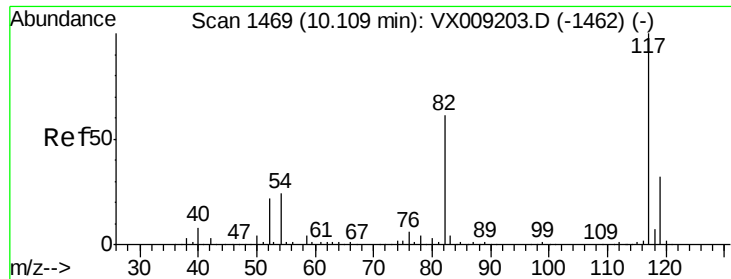


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

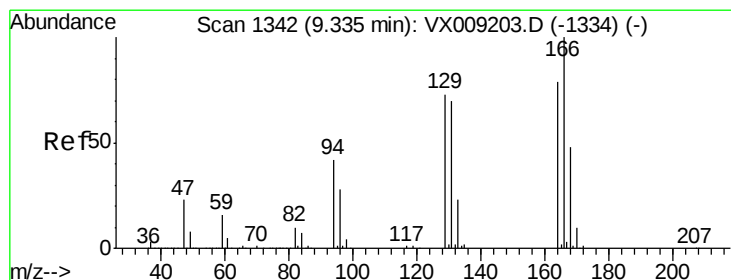
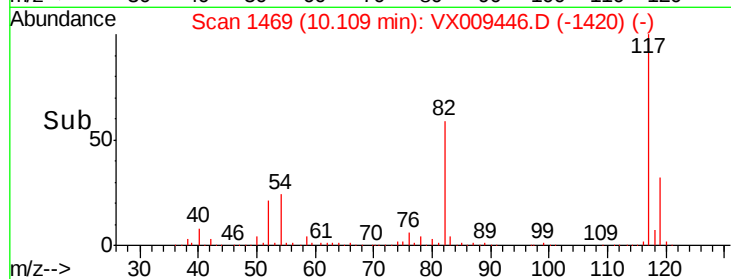
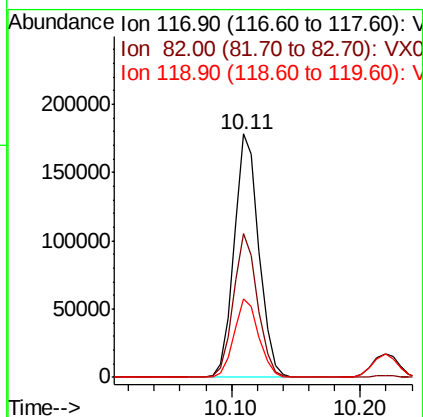
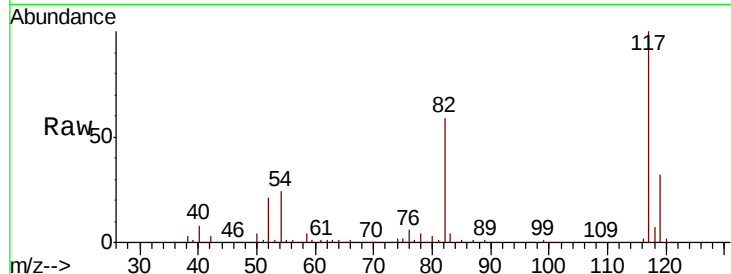




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

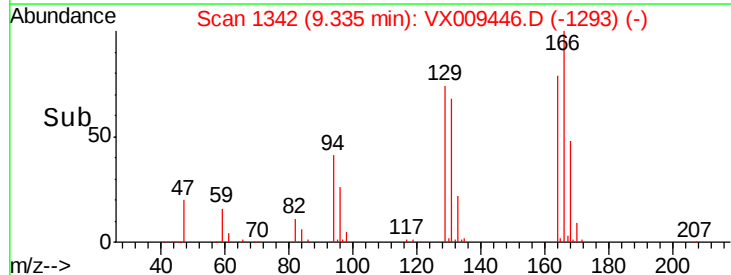
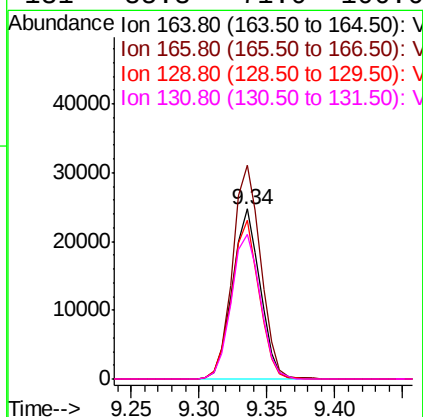
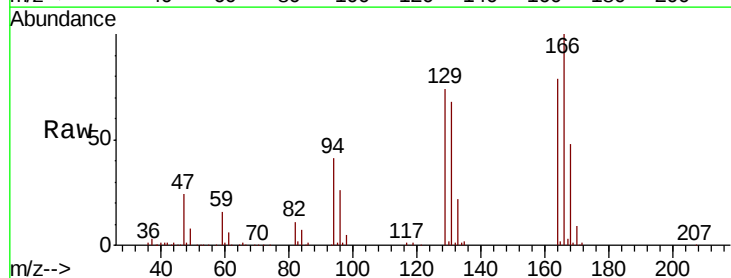
Instrument :
MSVOA_X
ClientSampleId :

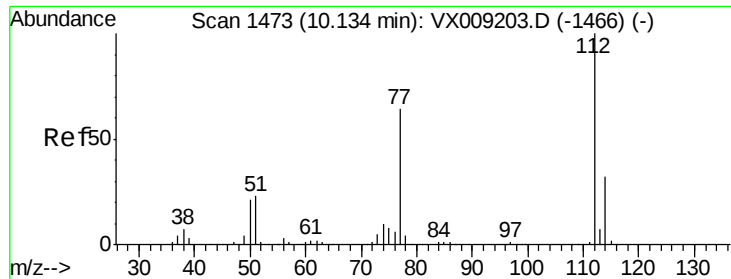
Tot Ion:117 Resp: 237537
Ion Ratio Lower Upper
117 100
82 59.1 48.8 73.2
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 21.483 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion:164 Resp: 35004
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 93.8 74.3 111.5
131 85.3 71.0 106.6

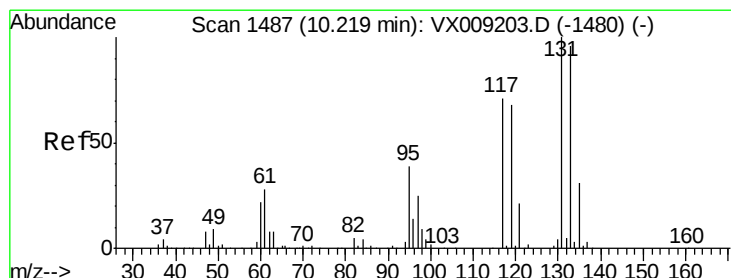
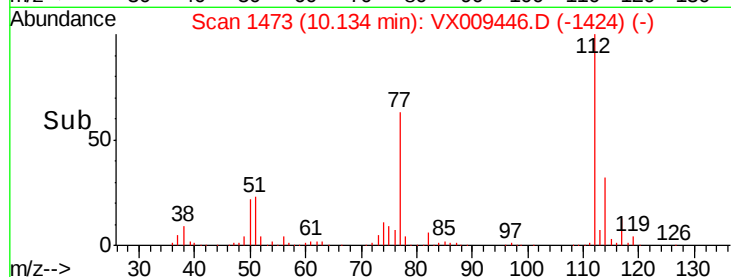
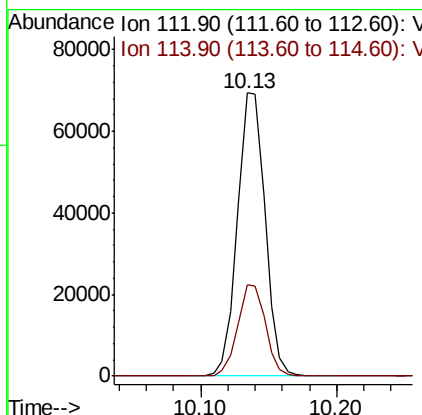
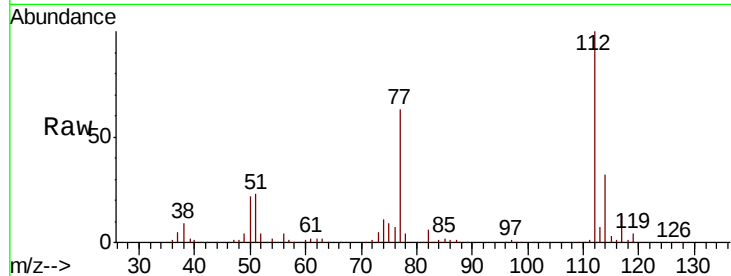




#65
Chlorobenzene
Concen: 20.724 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

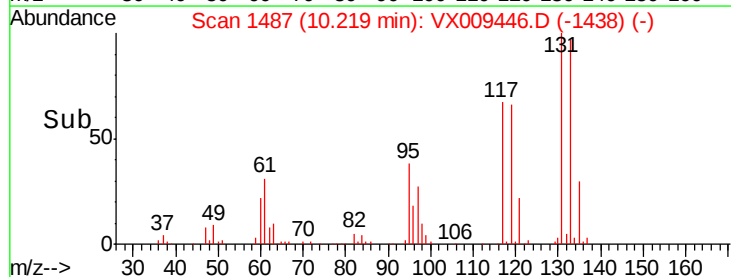
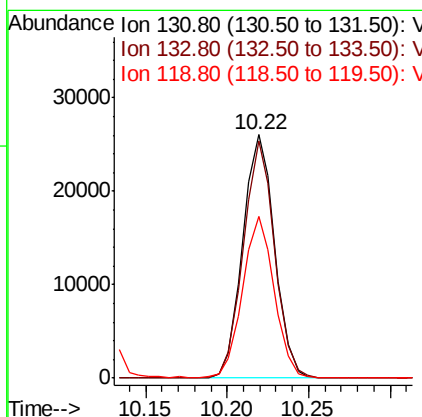
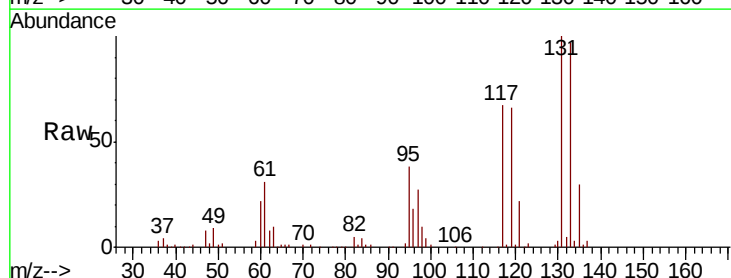
Instrument :
MSVOA_X
ClientSampleId :

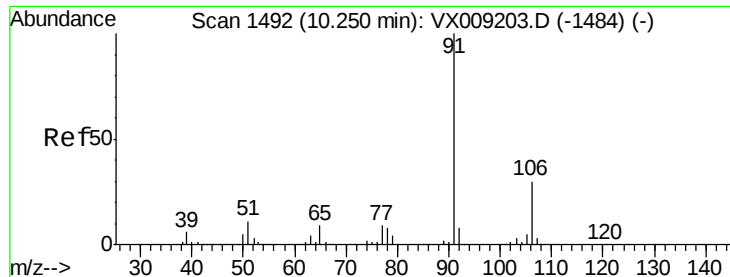
Tot Ion:112 Resp: 98475
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.625 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion:131 Resp: 35532
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.8 33.5 100.4

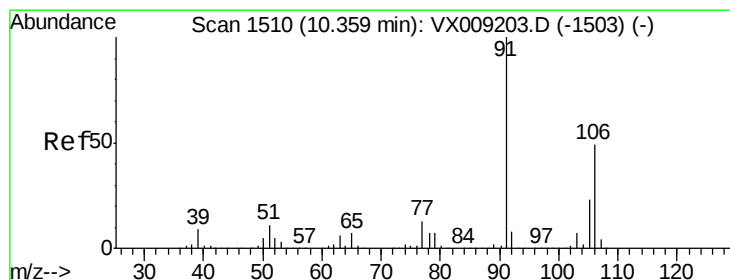
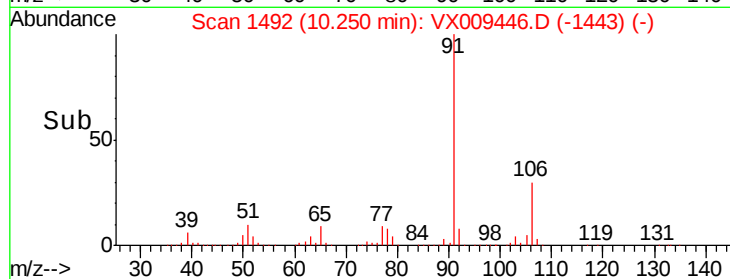
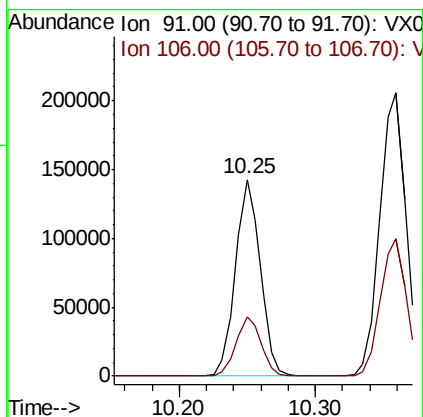
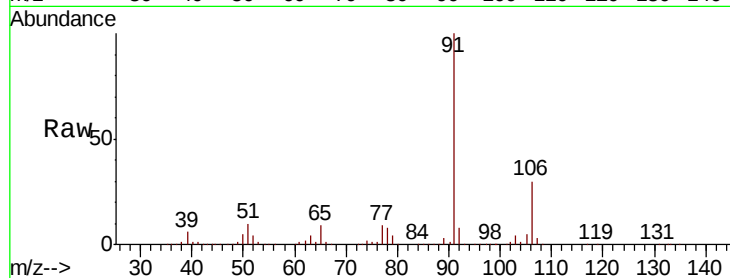




#67
Ethyl Benzene
Concen: 20.734 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

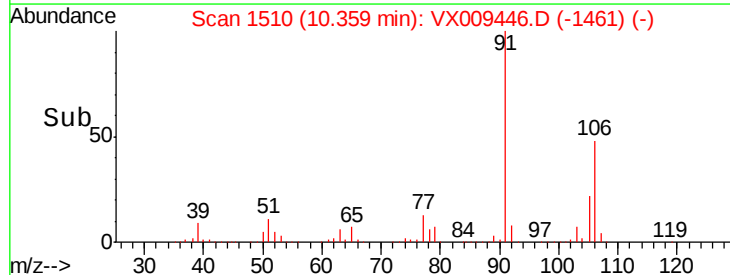
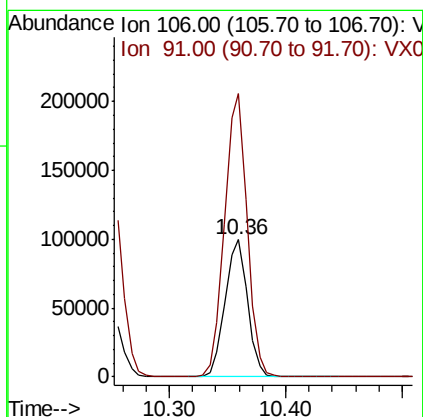
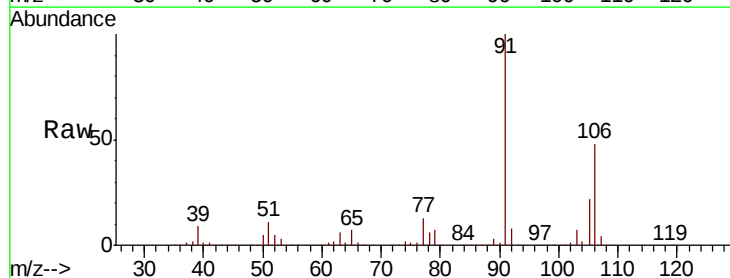
Instrument :
MSVOA_X
ClientSampled :

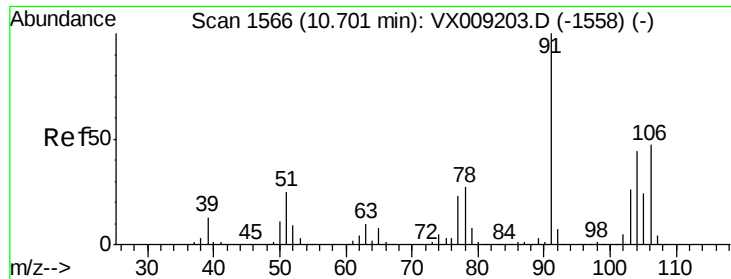
Tot Ion: 91 Resp: 181323
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 41.712 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 106 Resp: 133300
Ion Ratio Lower Upper
106 100
91 207.0 164.0 246.0

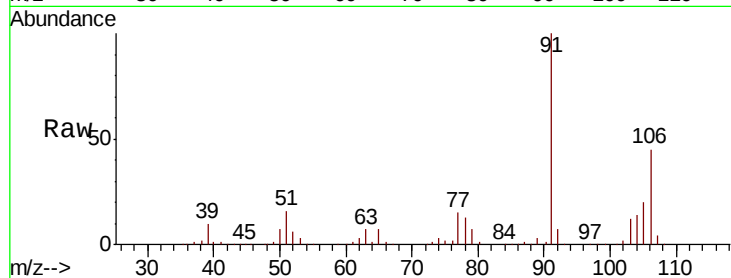




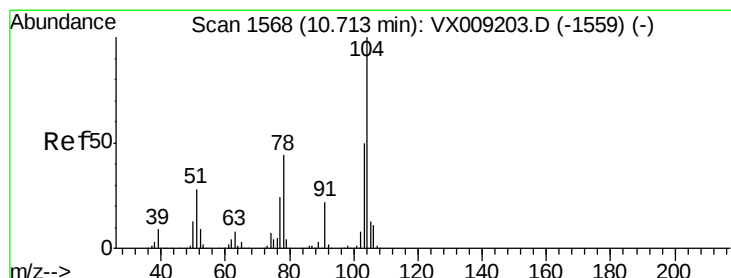
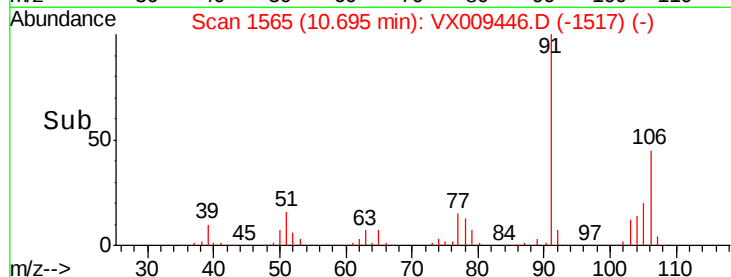
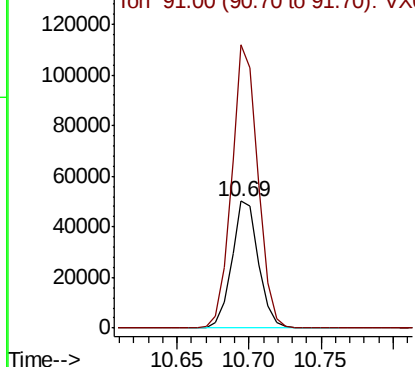
#69
o-Xylene
Concen: 20.663 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 65152
Ion Ratio Lower Upper
106 100
91 219.8 109.5 328.4

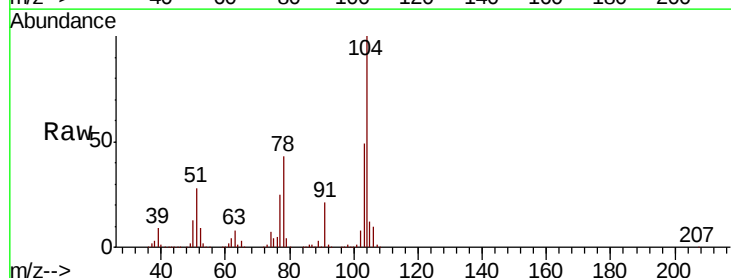


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

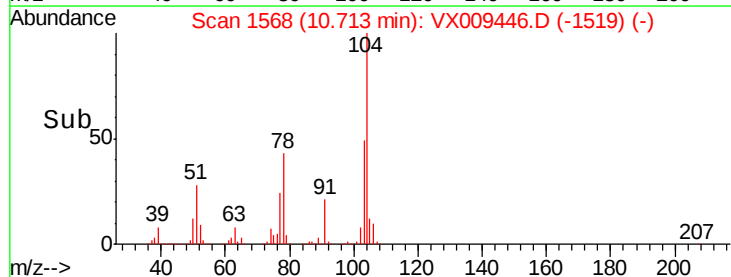
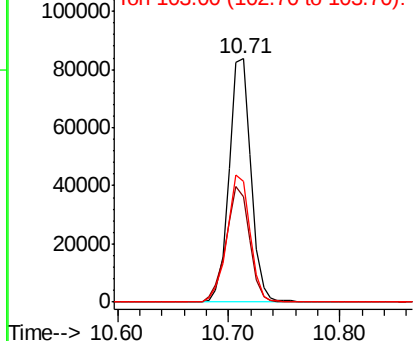


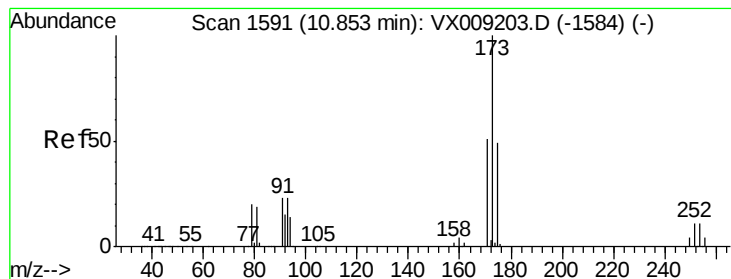
#70
Styrene
Concen: 20.698 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion:104 Resp: 113431
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.0 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: 19.764 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

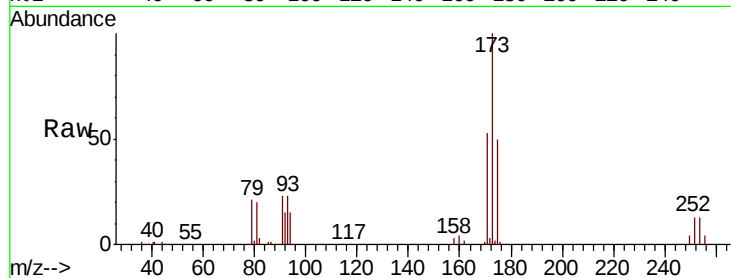
Tot Ion:173 Resp: 27669

Ion Ratio Lower Upper

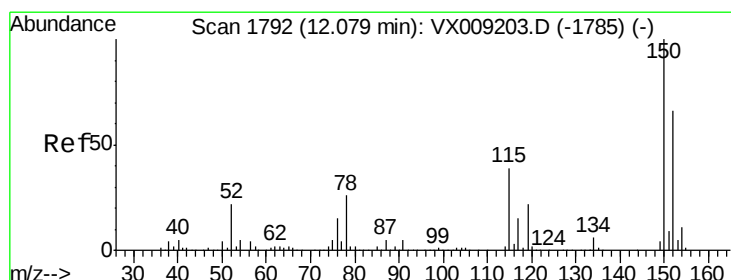
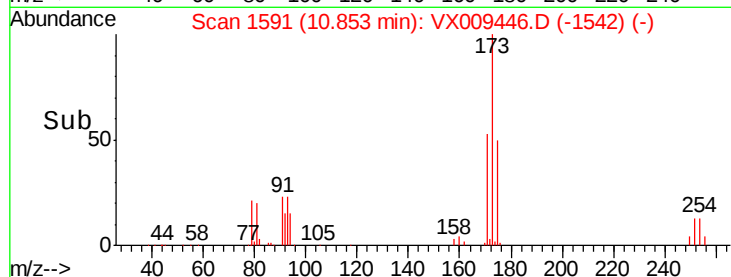
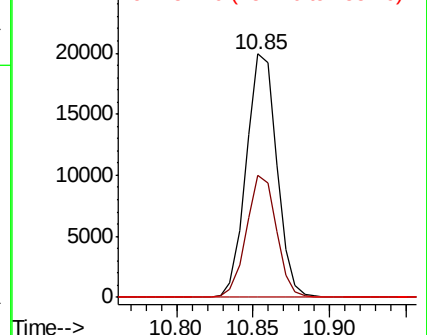
173 100

175 49.2 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: VX009446.D

Acq: 09 May 2019 23:11

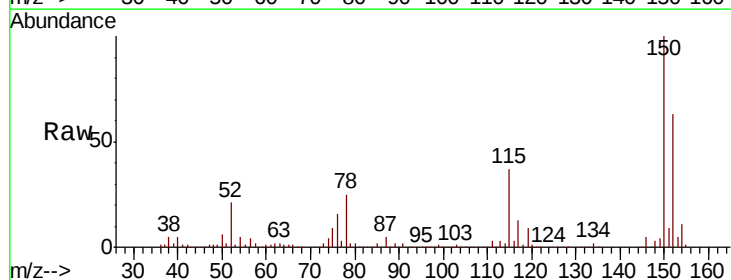
Tgt Ion:152 Resp: 114111

Ion Ratio Lower Upper

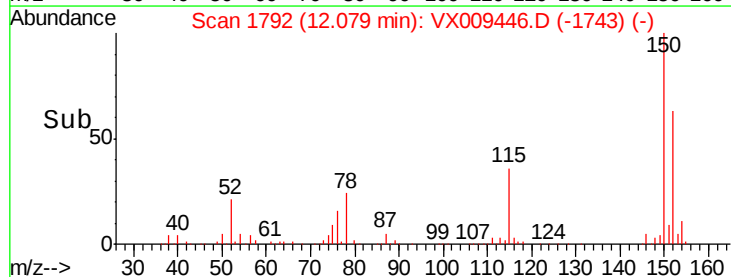
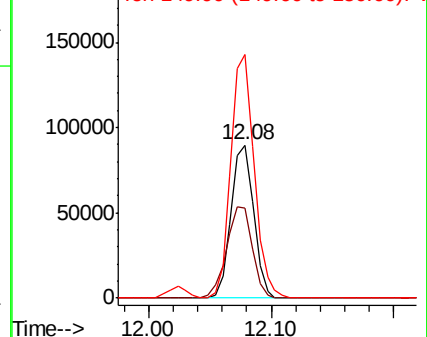
152 100

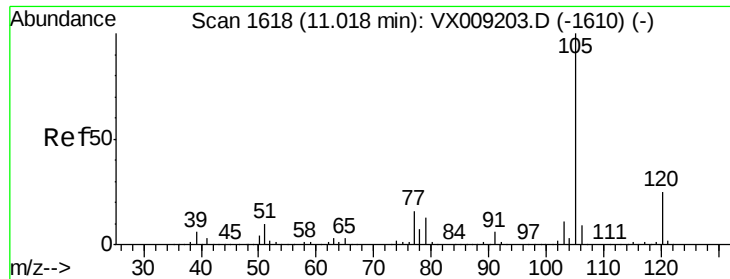
115 68.4 41.2 123.6

150 164.9 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: 20.918 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

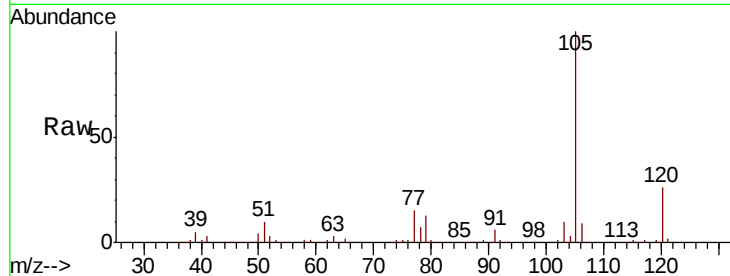
ClientSampleId :

Tot Ion:105 Resp: 173574

Ion Ratio Lower Upper

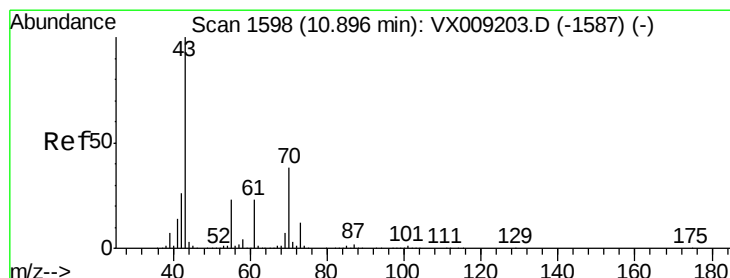
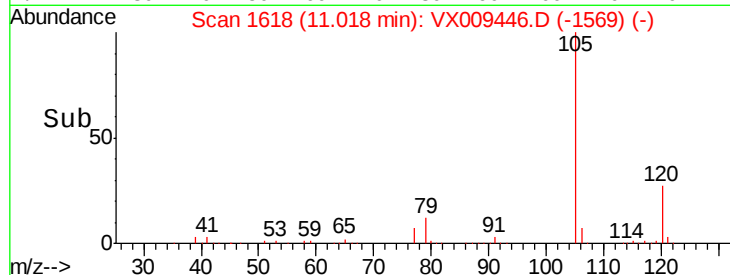
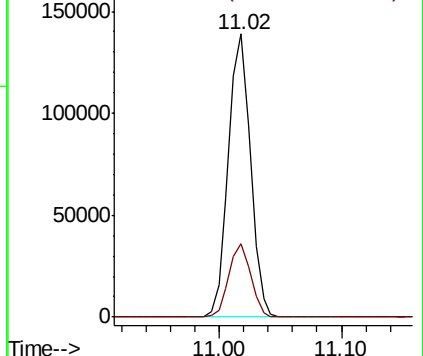
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.063 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Tgt Ion: 43 Resp: 97061

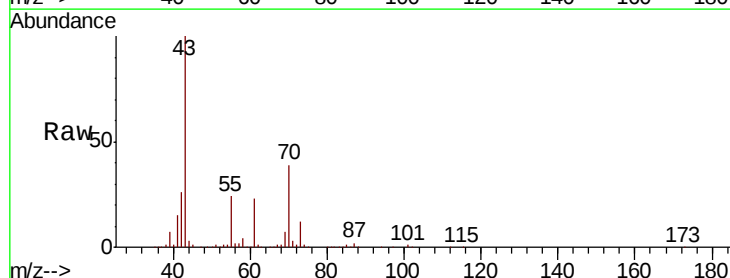
Ion Ratio Lower Upper

43 100

70 37.7 30.0 45.0

55 23.8 17.9 26.9

61 22.3 18.4 27.6

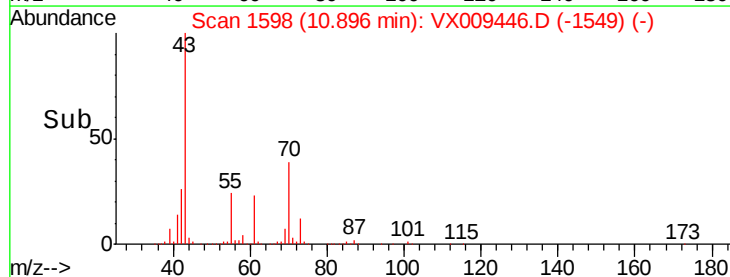
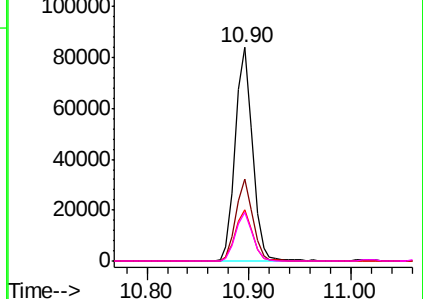


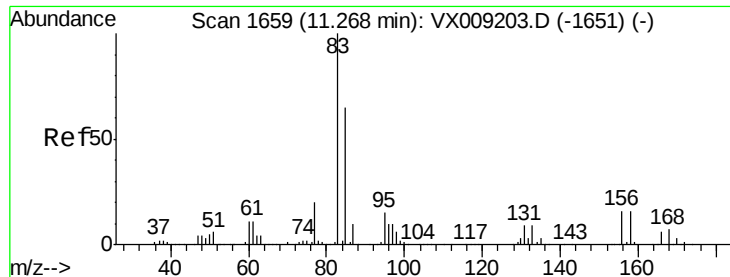
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.344 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

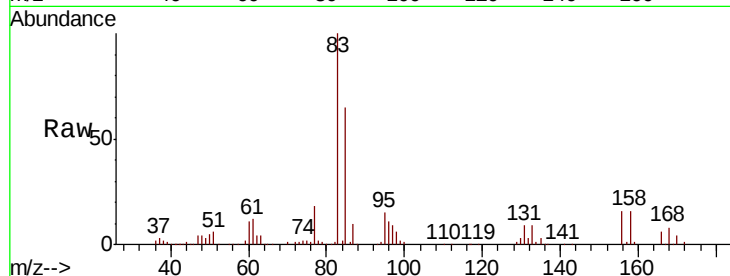
Tot Ion: 83 Resp: 62932

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

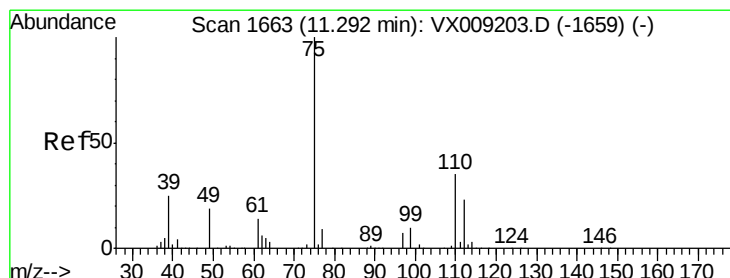
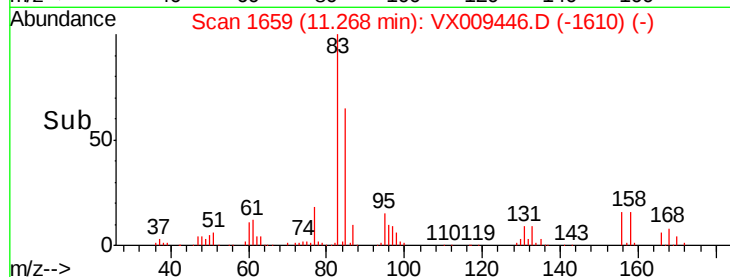
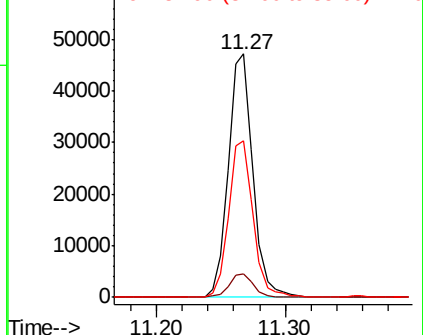
85 64.2 32.0 96.2



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: 26.971 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009446.D

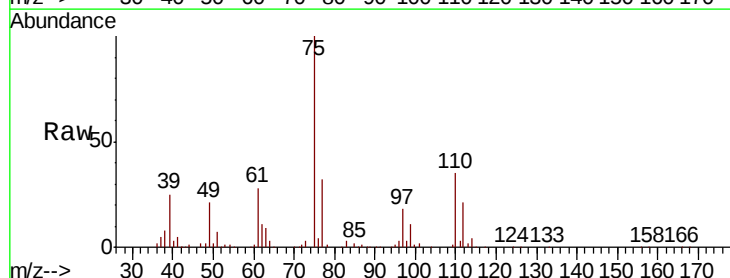
Acq: 09 May 2019 23:11

Tgt Ion: 75 Resp: 71390

Ion Ratio Lower Upper

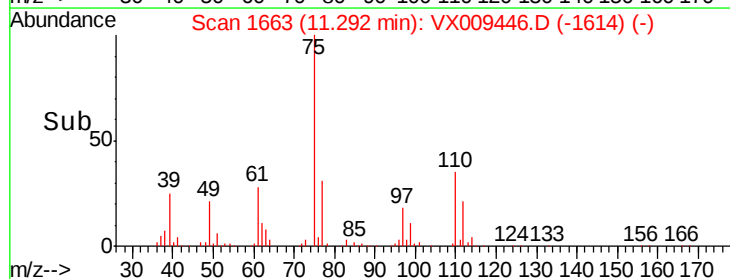
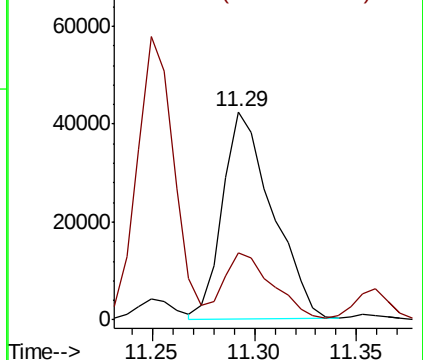
75 100

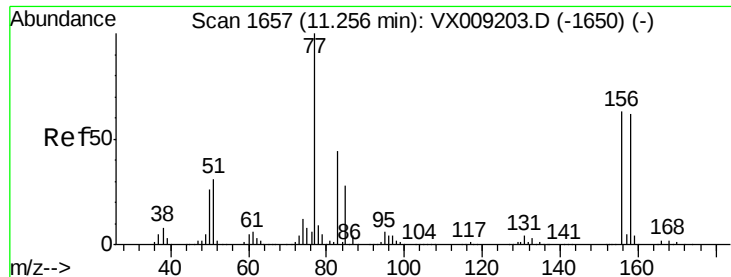
77 32.2 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.961 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampled :

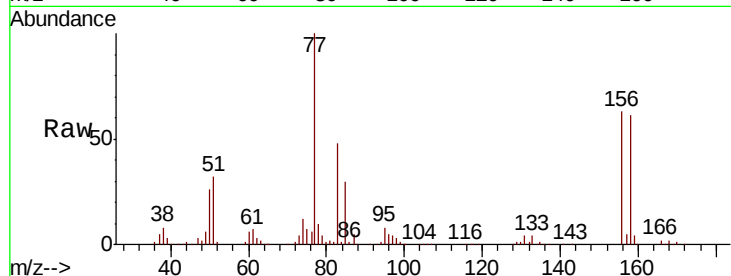
Tot Ion:156 Resp: 43171

Ion Ratio Lower Upper

156 100

77 167.6 84.8 254.3

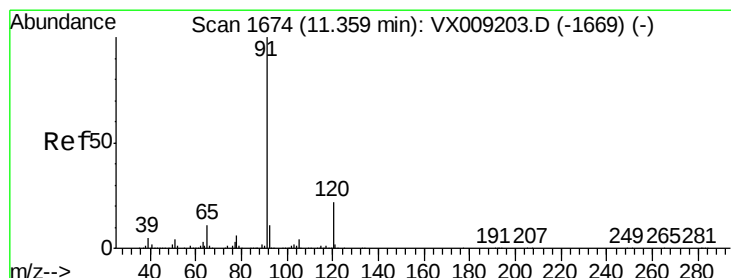
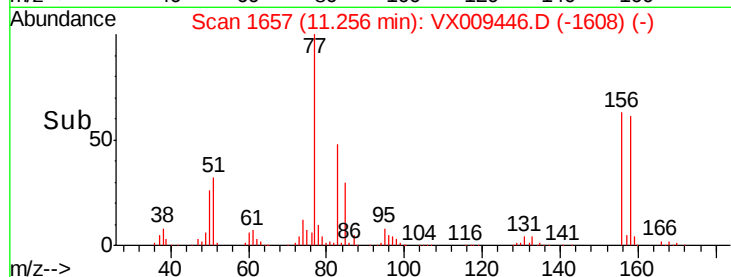
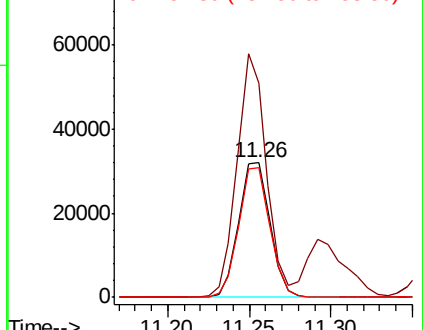
158 96.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.722 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009446.D

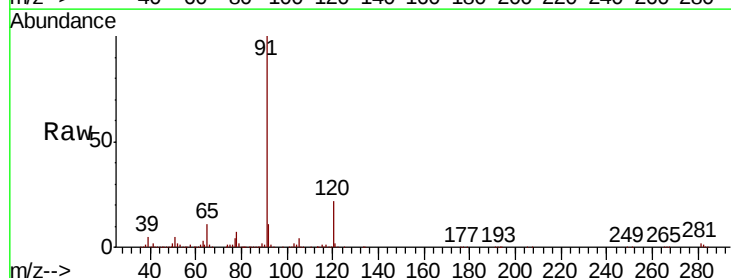
Acq: 09 May 2019 23:11

Tgt Ion: 91 Resp: 196374

Ion Ratio Lower Upper

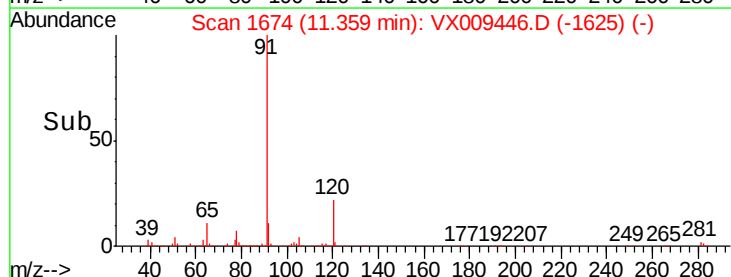
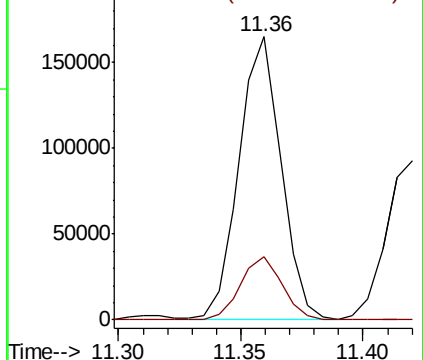
91 100

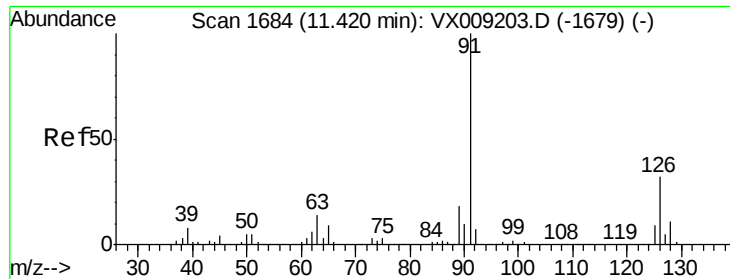
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.207 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

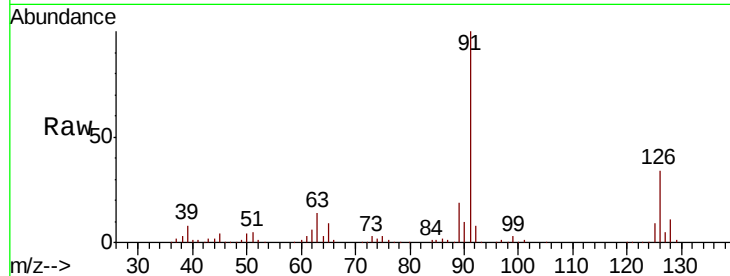
ClientSampled :

Tot Ion: 91 Resp: 118143

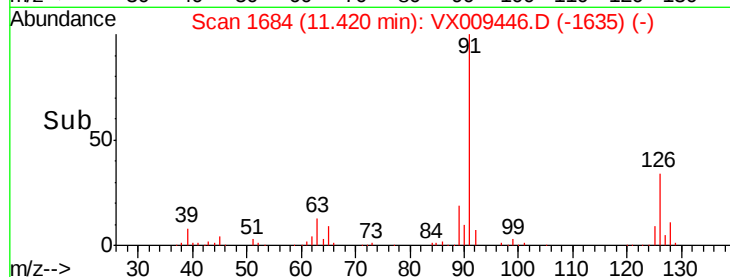
Ion Ratio Lower Upper

91 100

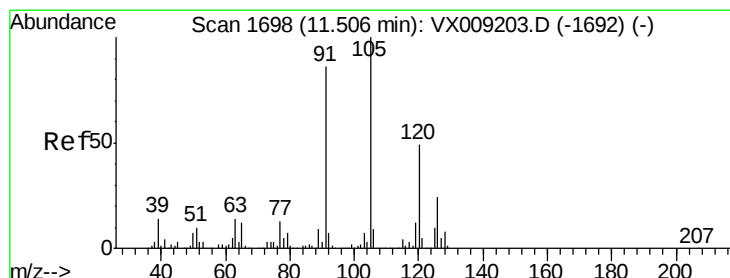
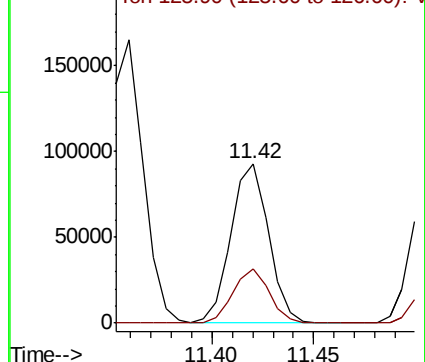
126 33.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009446.D (-1635) (-)



Ion 125.90 (125.60 to 126.60): VX009446.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.878 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009446.D

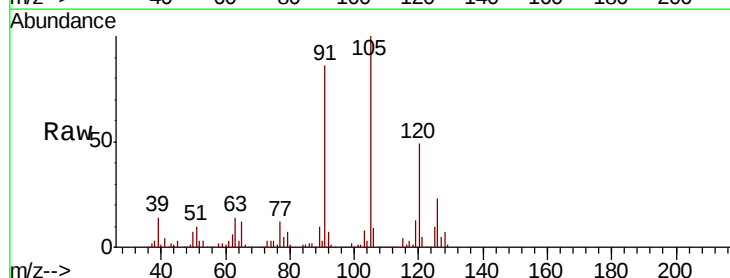
Acq: 09 May 2019 23:11

Tgt Ion:105 Resp: 145873

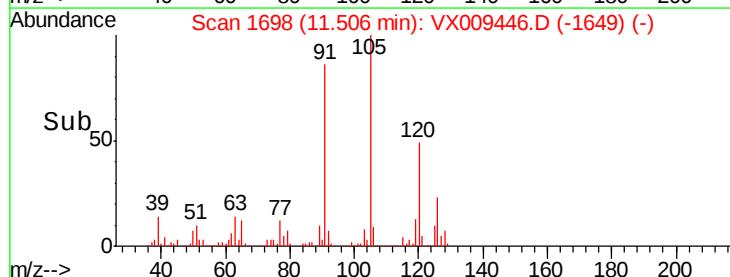
Ion Ratio Lower Upper

105 100

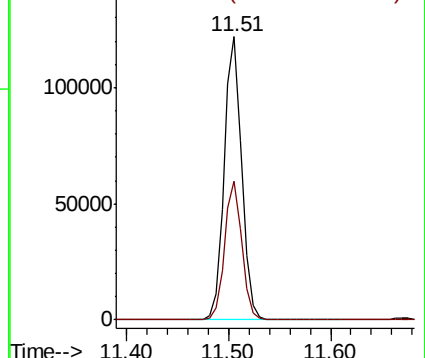
120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009446.D (-1649) (-)



Ion 120.00 (119.70 to 120.70): VX009446.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.966 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009446.D

Acq: 09 May 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

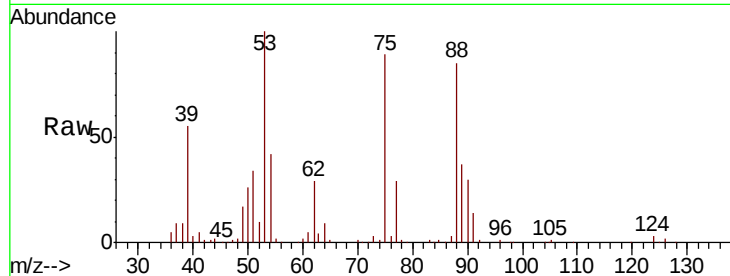
Tot Ion: 75 Resp: 18586

Ion Ratio Lower Upper

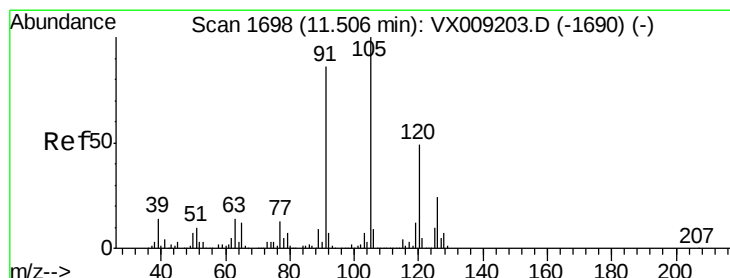
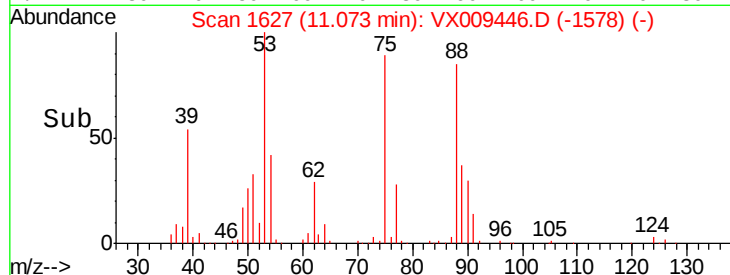
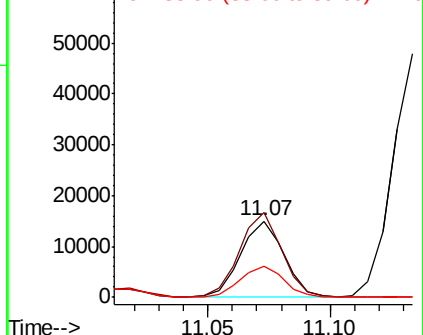
75 100

53 107.9 79.0 118.6

89 41.4 34.7 52.1



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



#82

4-Chlorotoluene

Concen: 20.744 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009446.D

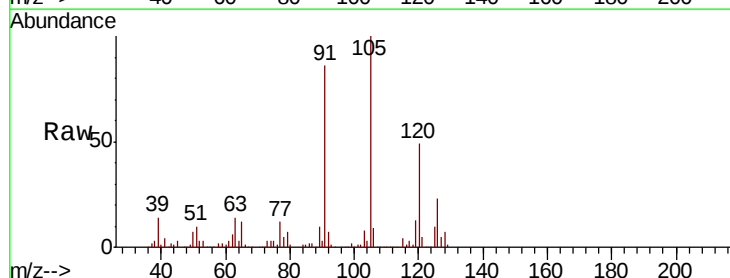
Acq: 09 May 2019 23:11

Tgt Ion: 91 Resp: 137017

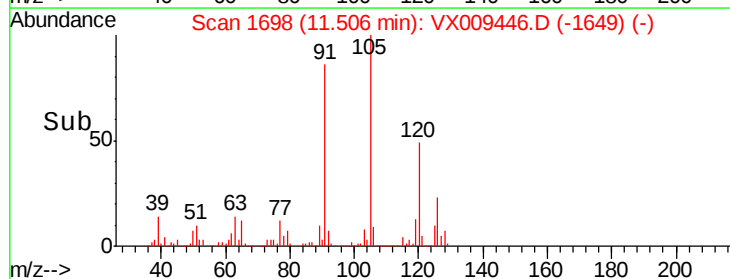
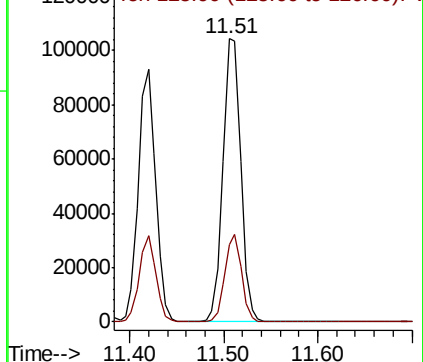
Ion Ratio Lower Upper

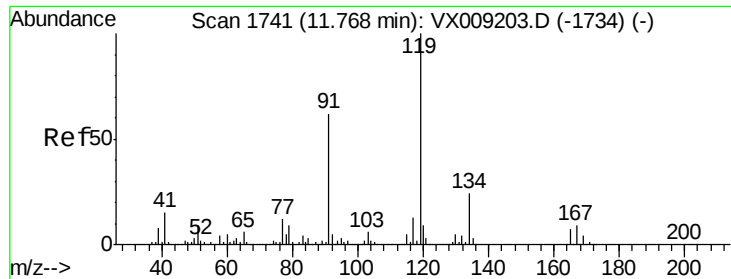
91 100

126 29.1 14.5 43.6



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

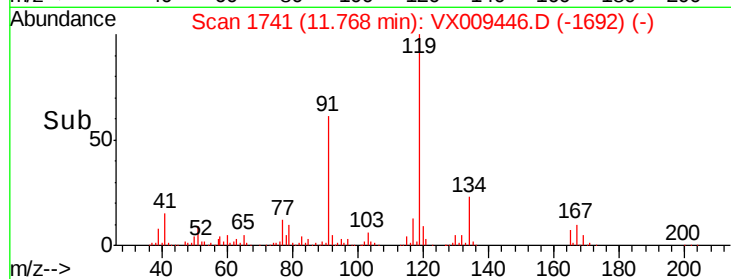
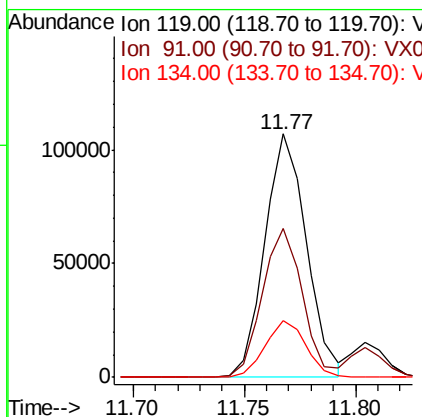
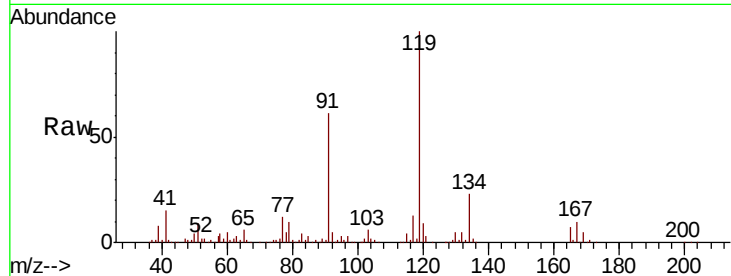




#83
 tert-Butylbenzene
 Concen: 20.482 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

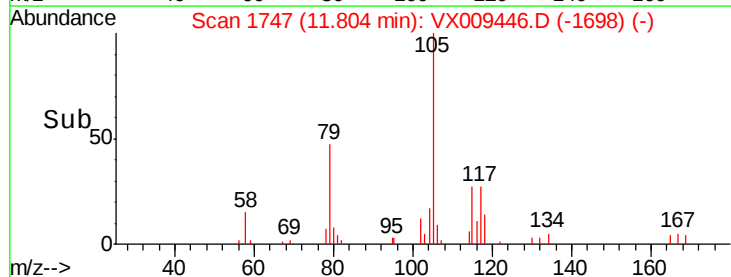
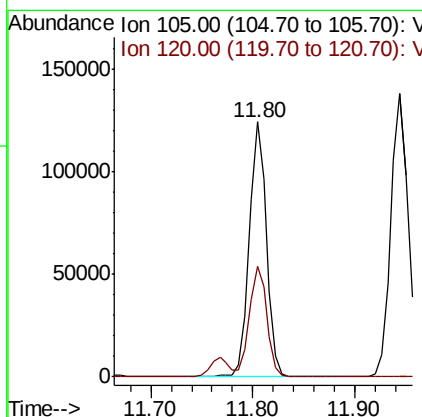
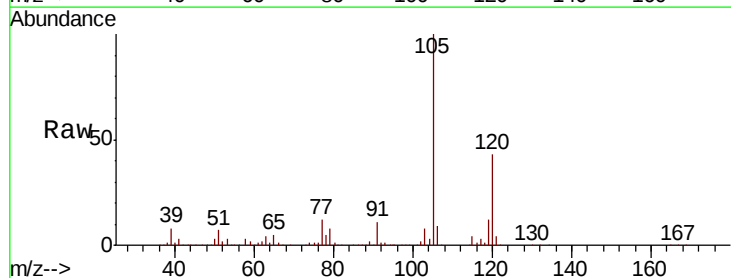
Instrument :
 MSVOA_X
 ClientSampled :

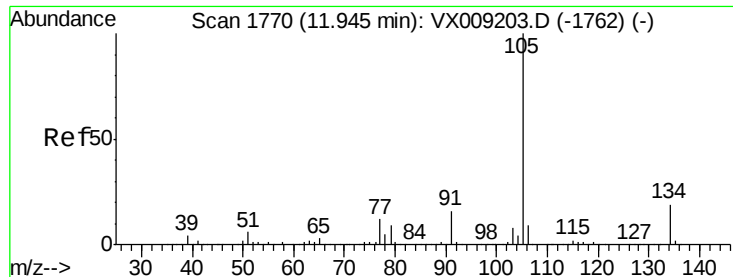
Tot Ion:119 Resp: 139214
 Ion Ratio Lower Upper
 119 100
 91 59.3 29.5 88.5
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.940 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion:105 Resp: 146858
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0

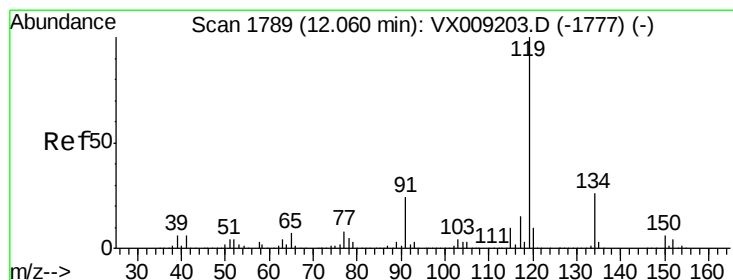
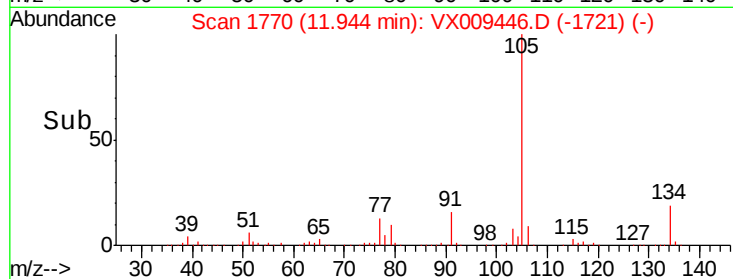
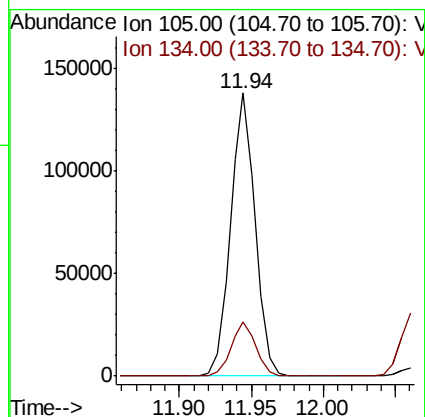
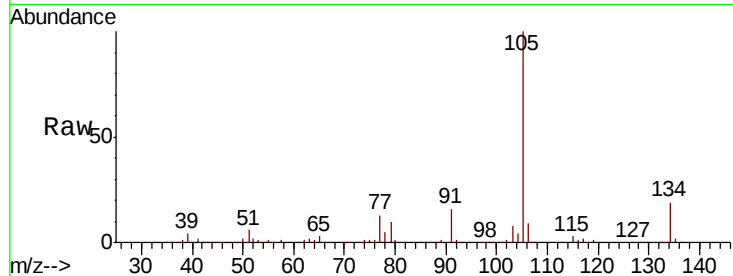




#85
 sec-Butylbenzene
 Concen: 20.494 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

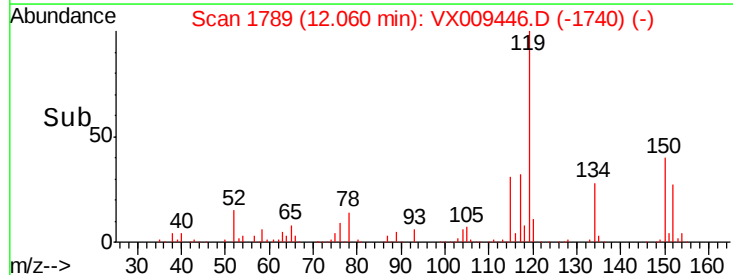
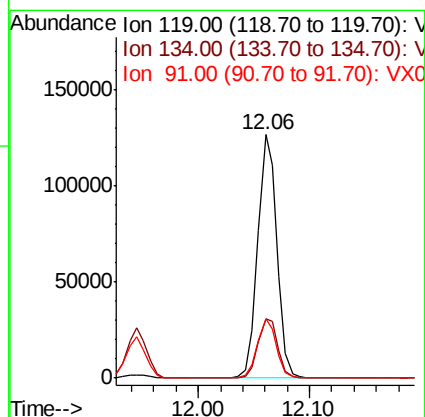
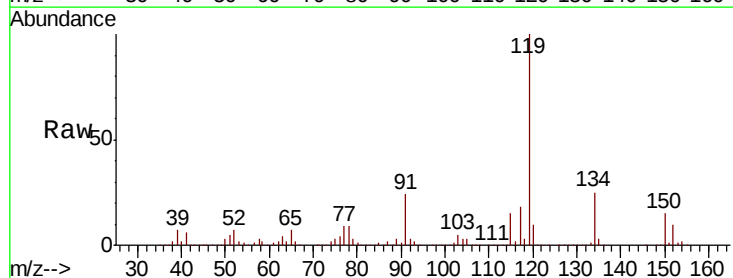
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 165143
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.917 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion:119 Resp: 151530
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.1 11.8 35.4

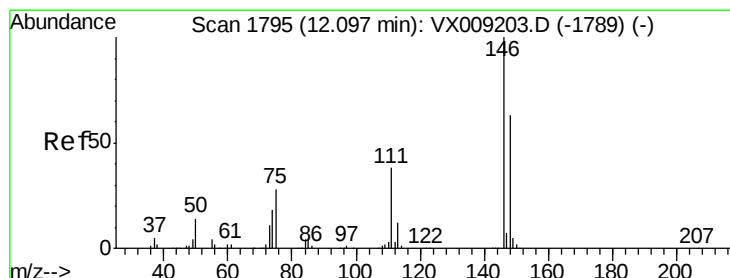
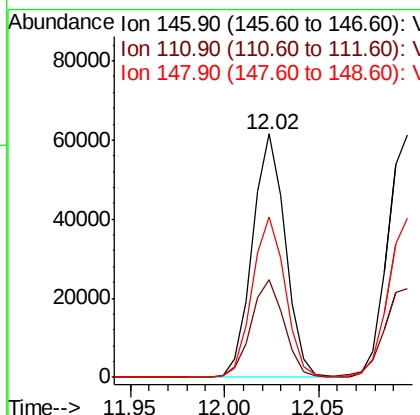
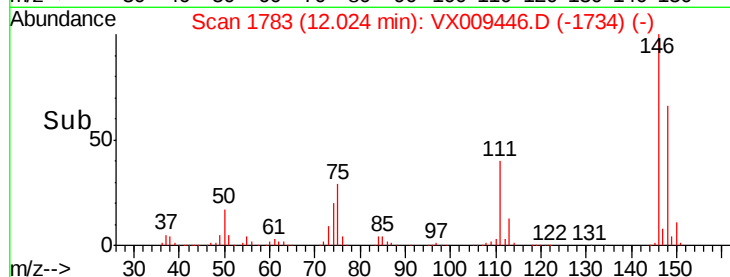
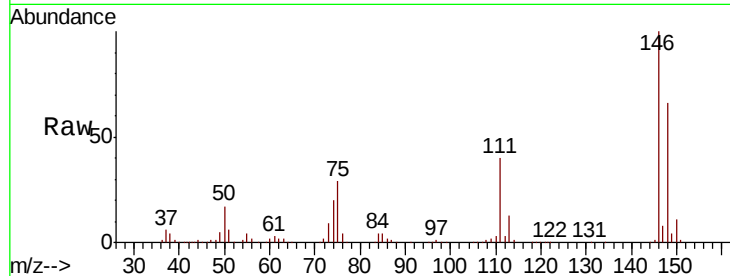




#87
 1,3-Dichlorobenzene
 Concen: 20.291 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

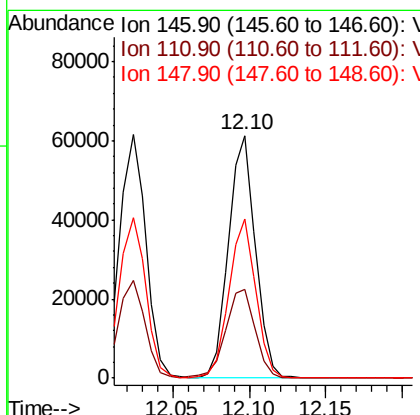
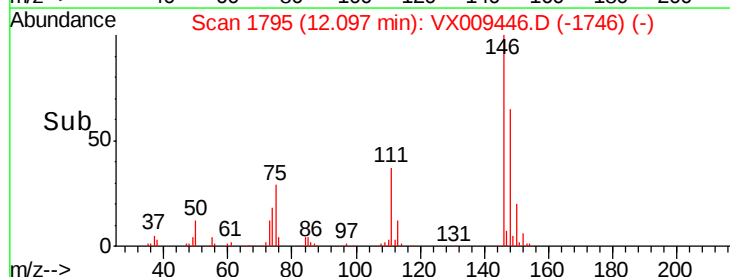
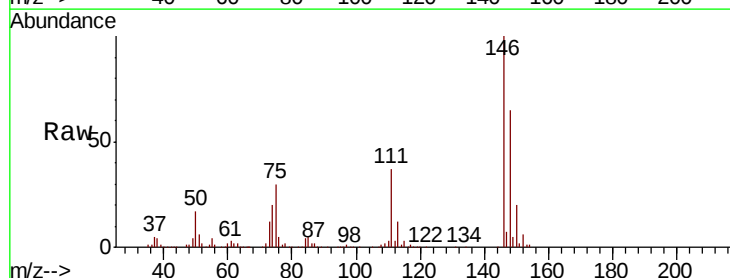
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 74501
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 66.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.178 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion:146 Resp: 74691
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.6 58.8
 148 65.5 31.8 95.3

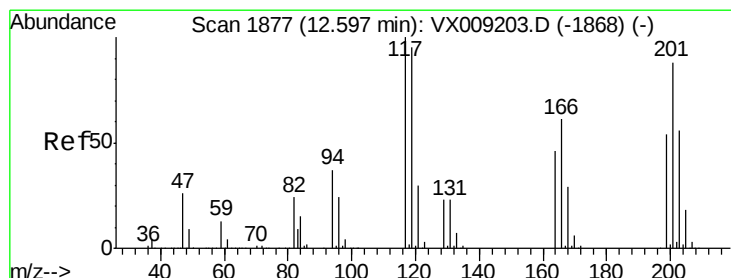
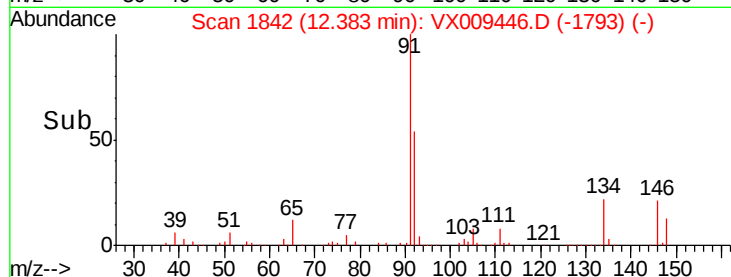
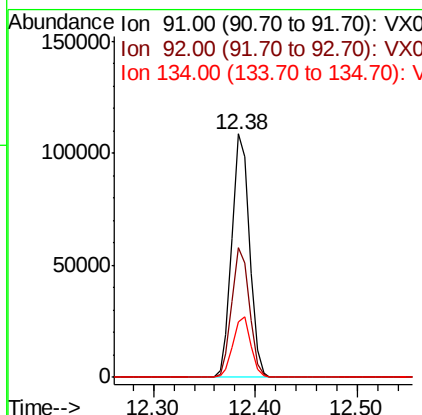
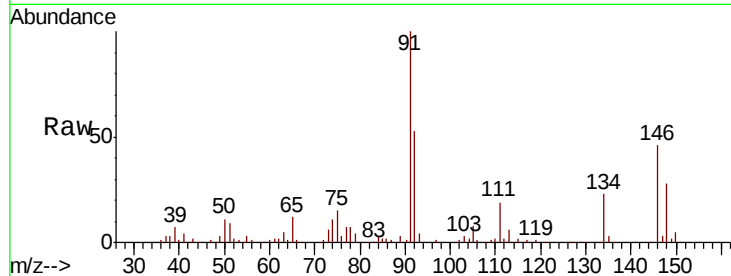




#89
n-Butylbenzene
Concen: 19.761 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

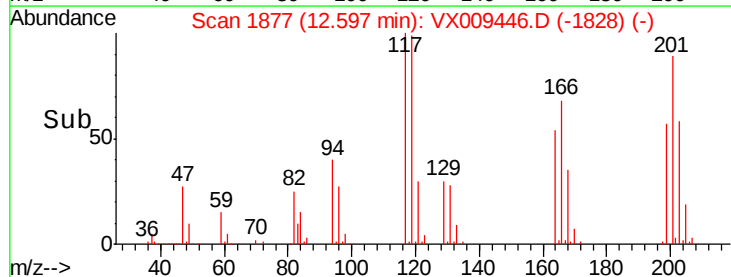
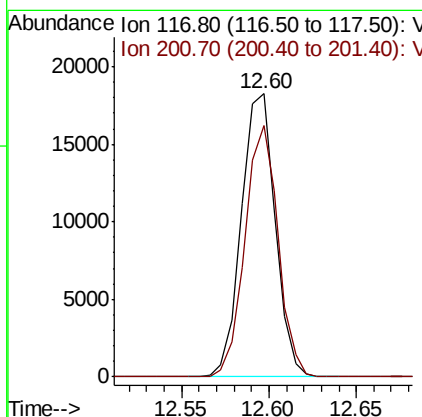
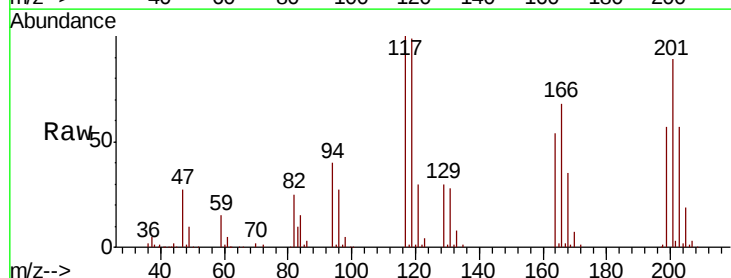
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 129391
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 19.976 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion: 117 Resp: 24654
Ion Ratio Lower Upper
117 100
201 86.4 42.3 126.9

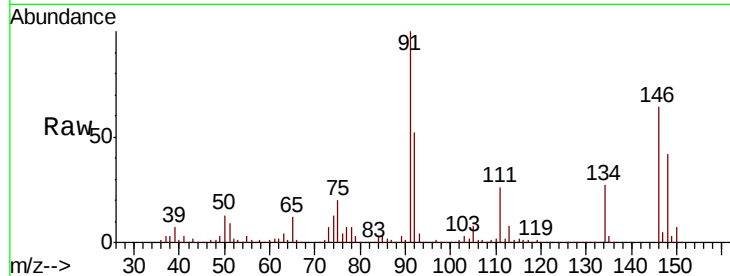




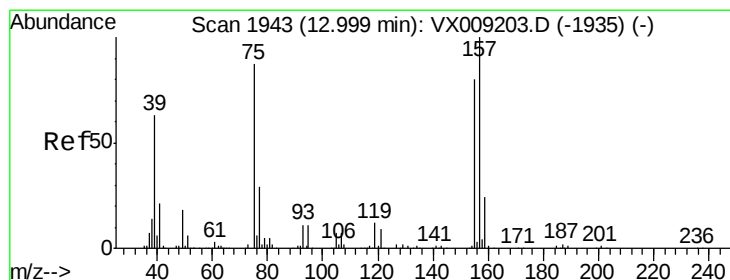
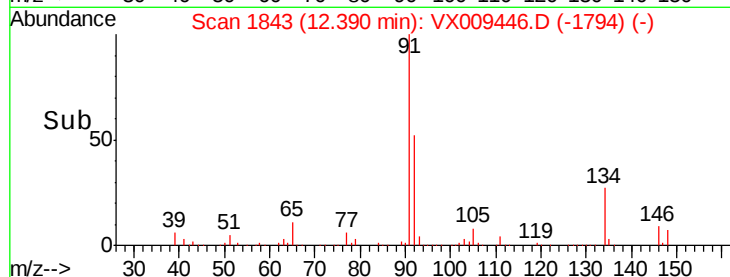
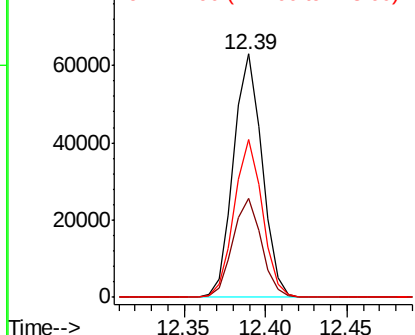
#91
 1,2-Dichlorobenzene
 Concen: 20.590 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 77000
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.8 62.4
 148 64.1 31.9 95.9

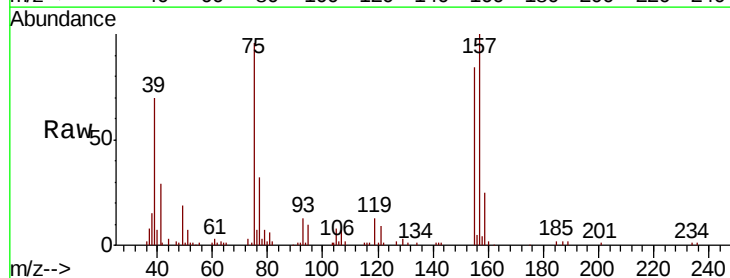


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

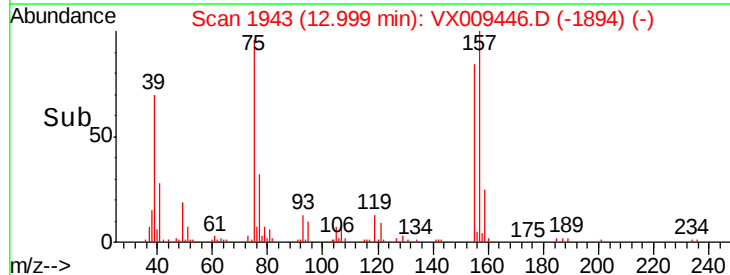
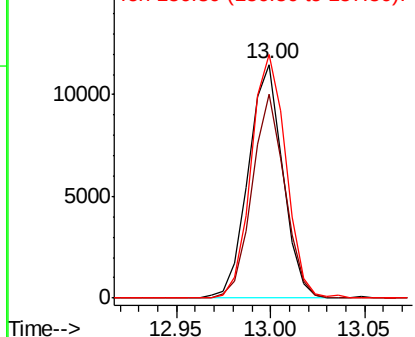


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.895 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion: 75 Resp: 14500
 Ion Ratio Lower Upper
 75 100
 155 83.1 42.0 126.0
 157 105.3 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

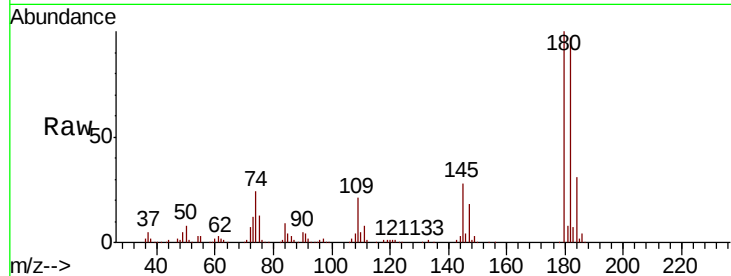




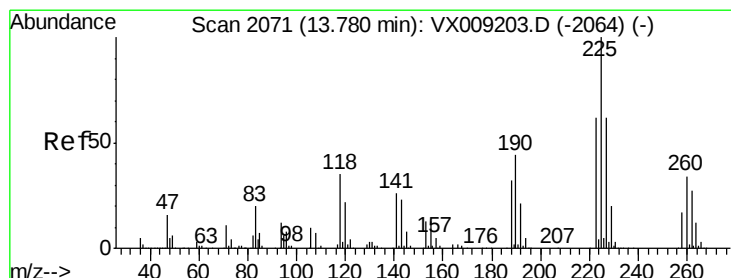
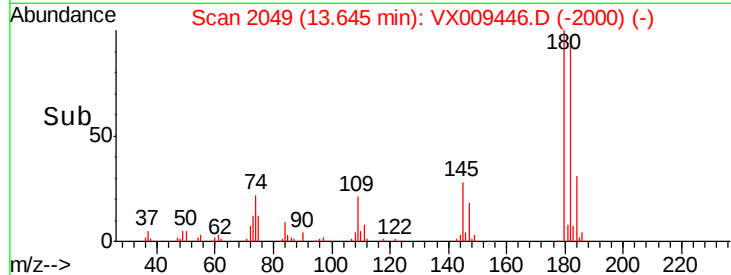
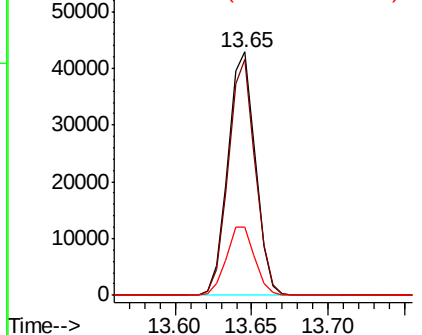
#93
 1,2,4-Trichlorobenzene
 Concen: 20.776 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 53132
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.2
 145 29.2 14.6 43.8

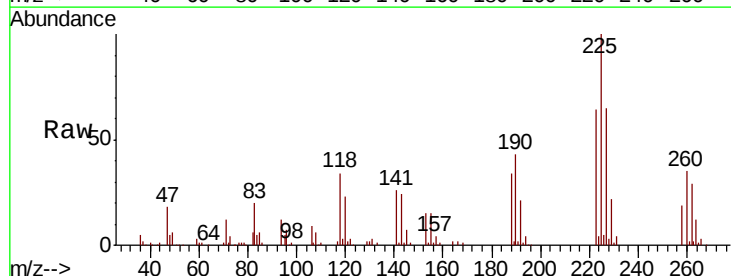


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

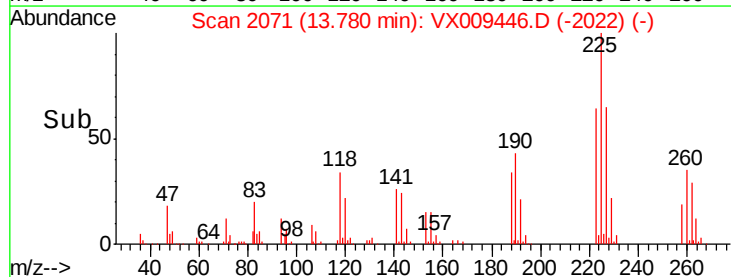
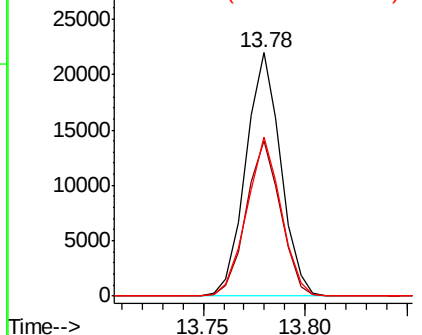


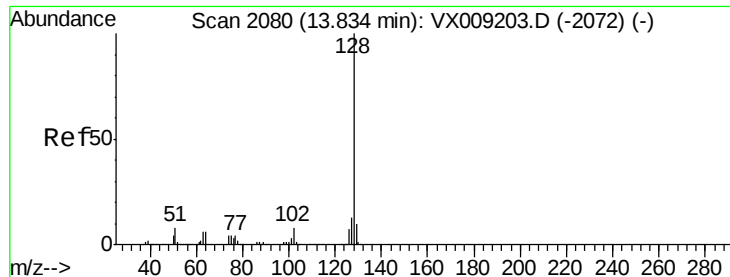
#94
 Hexachlorobutadiene
 Concen: 19.908 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009446.D
 Acq: 09 May 2019 23:11

Tgt Ion:225 Resp: 25999
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.8
 227 64.8 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

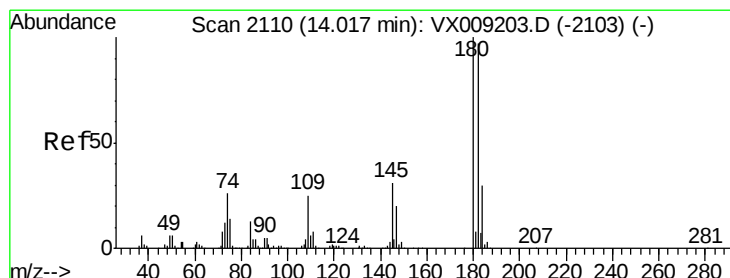
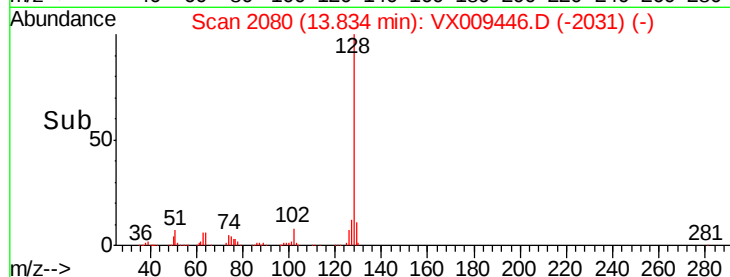
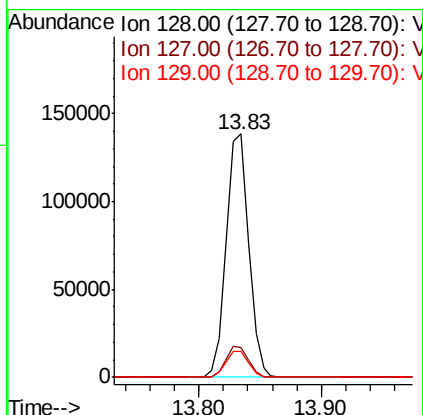
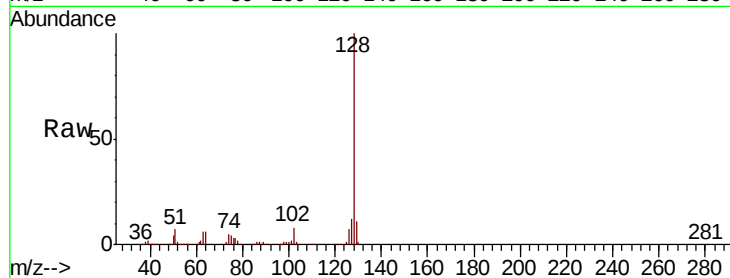




#95
Naphthalene
Concen: 21.153 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 175994
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.908 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009446.D
Acq: 09 May 2019 23:11

Tgt Ion:180 Resp: 54200
Ion Ratio Lower Upper
180 100
182 96.8 47.8 143.4
145 30.9 15.4 46.4

