

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009908.D
 Acq On : 28 May 2019 11:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 29 03:46:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	250655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	330649	169.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	338.42%	
35) Dibromofluoromethane	5.50	113	234511	150.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.32%	
50) Toluene-d8	8.71	98	954715	151.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.14%	
62) 4-Bromofluorobenzene	11.13	95	358290	155.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	258332	179.520	ug/l	100
3) Chloromethane	1.32	50	372750	195.443	ug/l	100
4) Vinyl Chloride	1.41	62	317921	172.771	ug/l	100
5) Bromomethane	1.64	94	233006	211.297	ug/l	99
6) Chloroethane	1.70	64	210469	181.030	ug/l	99
7) Trichlorofluoromethane	1.92	101	329058	149.493	ug/l	98
8) Diethyl Ether	2.19	74	175610	170.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	186296	136.347	ug/l	100
10) Methyl Iodide	2.50	142	288139	198.925	ug/l	100
11) Tert butyl alcohol	3.08	59	409203	885.682	ug/l	100
12) 1,1-Dichloroethene	2.36	96	211982	154.948	ug/l	98
13) Acrolein	2.29	56	290886	722.643	ug/l	100
14) Allyl chloride	2.72	41	573367	170.887	ug/l	100
15) Acrylonitrile	3.15	53	992533	880.115	ug/l	100
16) Acetone	2.45	43	962565	893.424	ug/l	100
17) Carbon Disulfide	2.56	76	666936	171.340	ug/l	99
18) Methyl Acetate	2.78	43	433571	170.874	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	922087	174.283	ug/l	100
20) Methylene Chloride	2.85	84	286070	165.849	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	242832	164.069	ug/l	99
22) Diisopropyl ether	3.86	45	1112283	173.265	ug/l #	85
23) Vinyl Acetate	3.82	43	5185195	939.123	ug/l	99
24) 1,1-Dichloroethane	3.70	63	518768	164.220	ug/l	99
25) 2-Butanone	4.68	43	1543862	924.097	ug/l	99
26) 2,2-Dichloropropane	4.58	77	385666	163.855	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	294407	167.178	ug/l	98
28) Bromochloromethane	5.02	49	254958	178.119	ug/l	100
29) Tetrahydrofuran	5.13	42	990240	923.160	ug/l	100
30) Chloroform	5.21	83	472866	165.872	ug/l	100
31) Cyclohexane	5.57	56	430186	144.596	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	372563	156.617	ug/l	99
36) 1,1-Dichloropropene	5.80	75	342803	145.378	ug/l	100
37) Ethyl Acetate	4.84	43	571079	172.695	ug/l	100
38) Carbon Tetrachloride	5.78	117	306173	142.992	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009908.D
 Acq On : 28 May 2019 11:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 29 03:46:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	386889	133.202	ug/l	98
40) Benzene	6.14	78	1128593	155.039	ug/l	100
41) Methacrylonitrile	5.05	41	328205	167.702	ug/l	99
42) 1,2-Dichloroethane	6.19	62	421137	160.635	ug/l	100
43) Isopropyl Acetate	6.45	43	934409	177.263	ug/l	100
44) Trichloroethene	7.21	130	260918	148.474	ug/l	100
45) 1,2-Dichloropropane	7.51	63	331460	160.838	ug/l	96
46) Dibromomethane	7.66	93	192387	160.843	ug/l	99
47) Bromodichloromethane	7.90	83	396612	166.535	ug/l	99
48) Methyl methacrylate	7.77	41	471906	179.829	ug/l	100
49) 1,4-Dioxane	7.74	88	158444	3017.735	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2894498	837.953	ug/l	99
52) Toluene	8.79	92	692285	156.407	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	493539	182.101	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	519581	173.875	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	291033	162.003	ug/l	98
56) Ethyl methacrylate	9.18	69	550658	170.494	ug/l	100
57) 1,3-Dichloropropane	9.37	76	517472	162.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1393481	821.800	ug/l	100
59) 2-Hexanone	9.49	43	2273836	838.915	ug/l	99
60) Dibromochloromethane	9.59	129	305124	173.235	ug/l	99
61) 1,2-Dibromoethane	9.67	107	305835	168.376	ug/l	99
64) Tetrachloroethene	9.34	164	224559	137.246	ug/l	98
65) Chlorobenzene	10.14	112	733383	153.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	271227	157.238	ug/l	99
67) Ethyl Benzene	10.25	91	1335517	152.270	ug/l	99
68) m/p-Xylenes	10.36	106	984963	307.012	ug/l	98
69) o-Xylene	10.70	106	478058	151.122	ug/l	99
70) Styrene	10.71	104	860404	156.888	ug/l	100
71) Bromoform	10.86	173	240270	171.138	ug/l #	99
73) Isopropylbenzene	11.02	105	1229742	142.106	ug/l	100
74) N-amyl acetate	10.90	43	841132	166.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	486426	151.505	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	602823	218.275	ug/l	79
77) Bromobenzene	11.26	156	322221	150.191	ug/l	98
78) n-propylbenzene	11.36	91	1441520	145.586	ug/l	100
79) 2-Chlorotoluene	11.42	91	880351	144.042	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1073596	147.136	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	190710	175.757	ug/l	97
82) 4-Chlorotoluene	11.51	91	1040755	150.596	ug/l	99
83) tert-Butylbenzene	11.77	119	1039702	146.742	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1090880	148.934	ug/l	100
85) sec-Butylbenzene	11.94	105	1164803	138.624	ug/l	100
86) p-Isopropyltoluene	12.07	119	1090488	144.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	578719	151.405	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	577959	149.906	ug/l	100
89) n-Butylbenzene	12.38	91	1035522	150.848	ug/l	99
90) Hexachloroethane	12.60	117	200017	155.522	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	579788	149.408	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	117756	163.529	ug/l	97

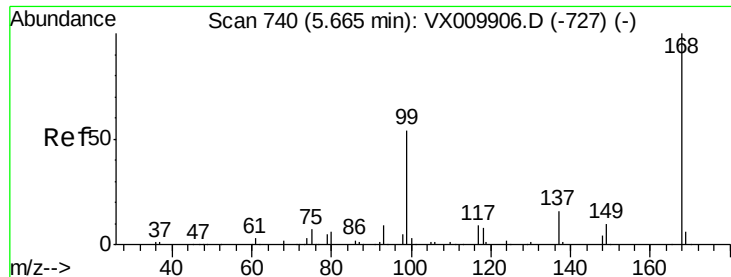
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009908.D
Acq On : 28 May 2019 11:54
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 29 03:46:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 03:39:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	422295	158.685	ug/l	100
94) Hexachlorobutadiene	13.78	225	183215	134.484	ug/l	99
95) Naphthalene	13.83	128	1373970	159.847	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	422037	156.821	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

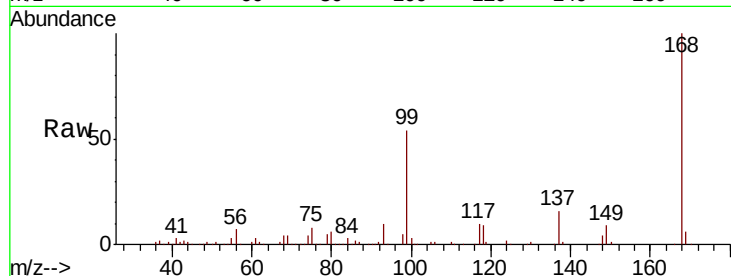
VSTDIC150

Tot Ion:168 Resp: 144394

Ion Ratio Lower Upper

168 100

99 53.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

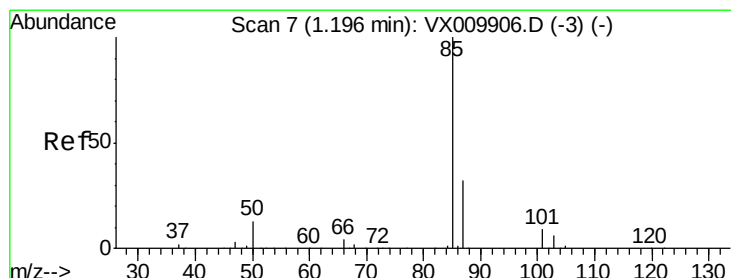
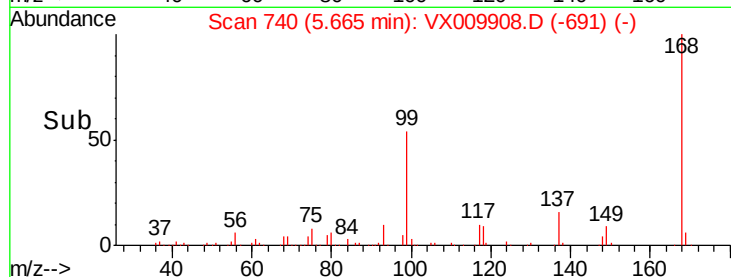
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 179.520 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009908.D

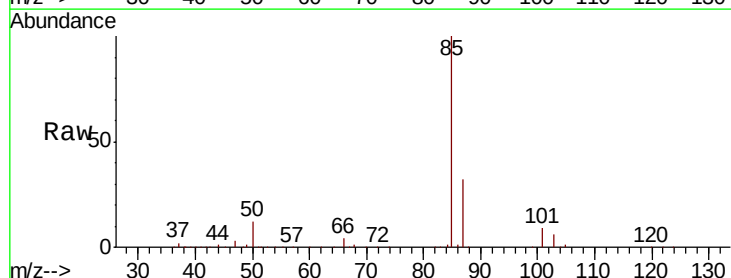
Acq: 28 May 2019 11:54

Tgt Ion: 85 Resp: 258332

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

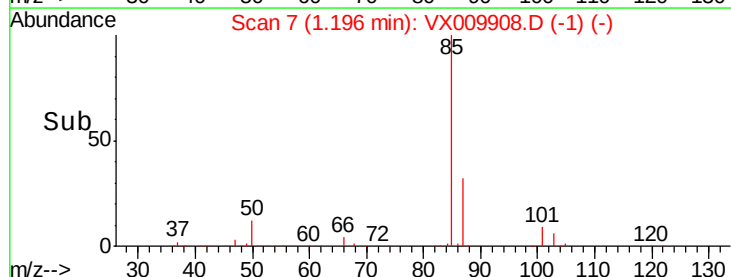
100000

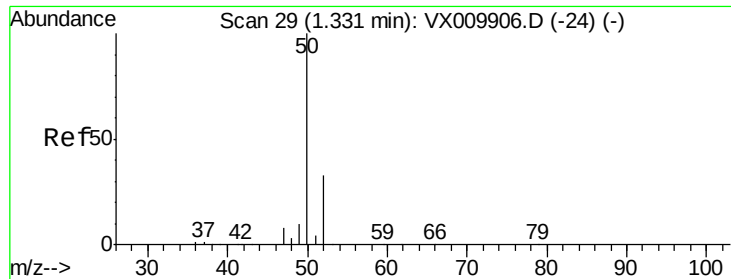
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 195.443 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

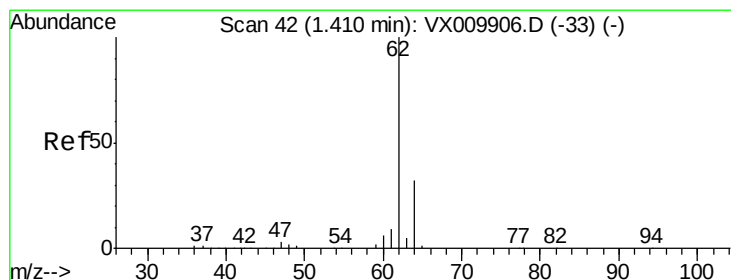
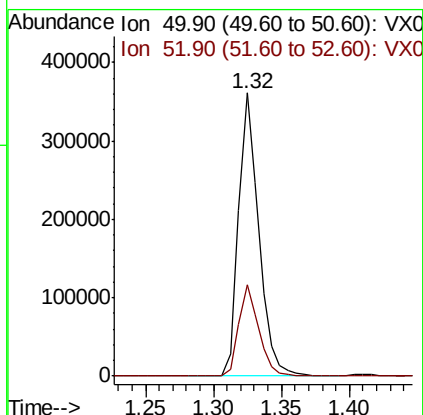
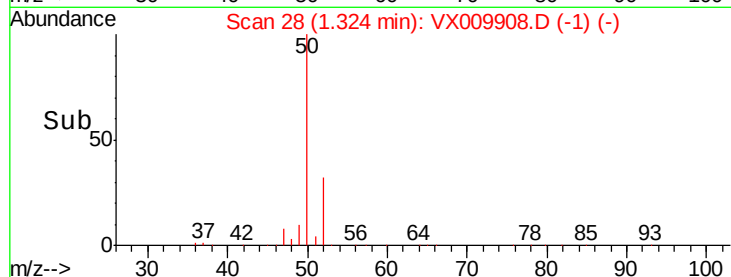
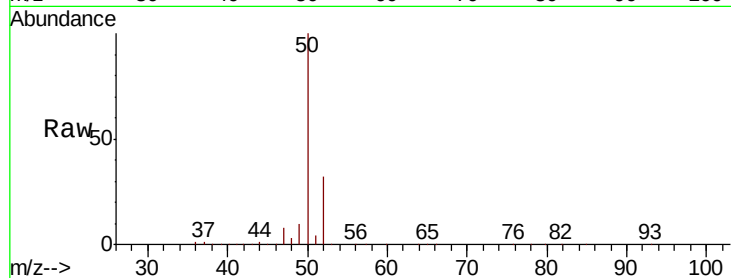
VSTDIC150

Tot Ion: 50 Resp: 372750

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 172.771 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009908.D

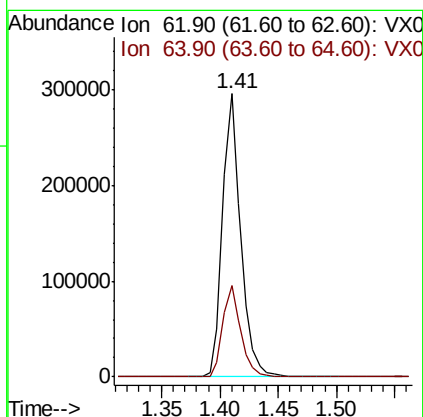
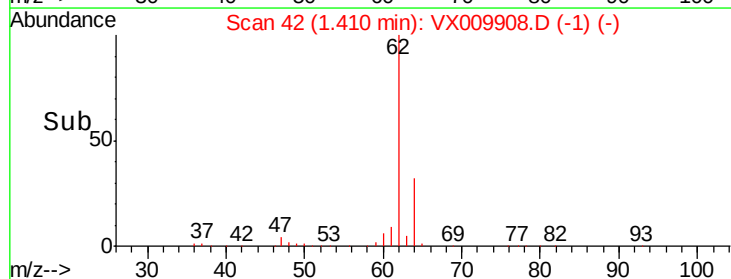
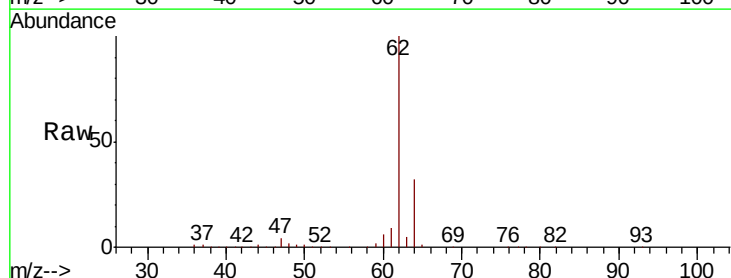
Acq: 28 May 2019 11:54

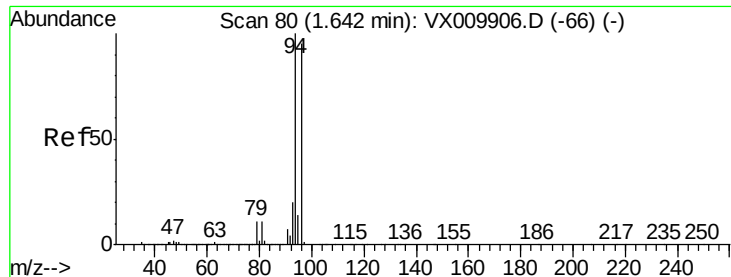
Tgt Ion: 62 Resp: 317921

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 211.297 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

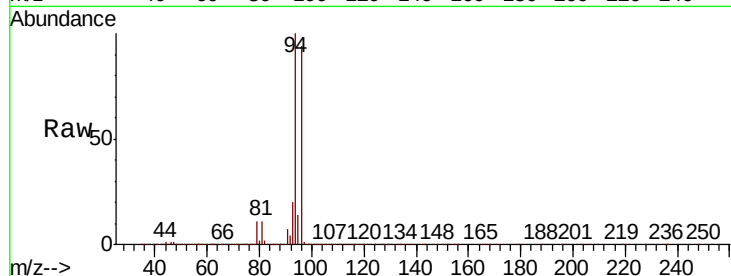
VSTDIC150

Tot Ion: 94 Resp: 233006

Ion Ratio Lower Upper

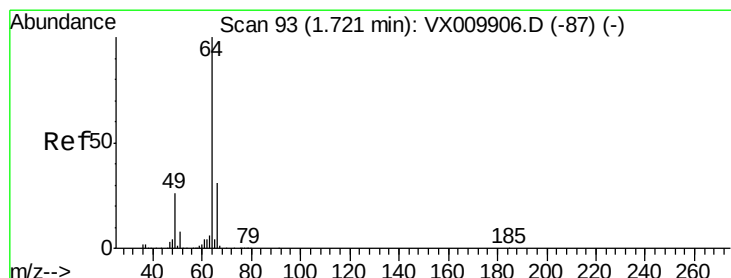
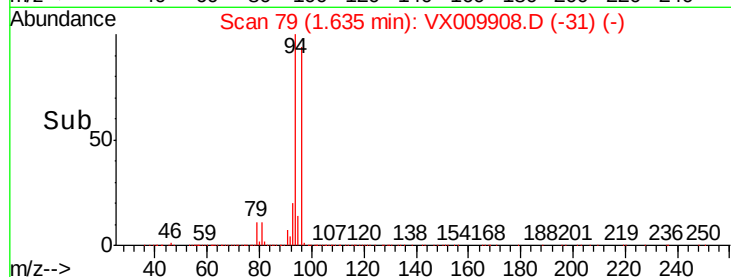
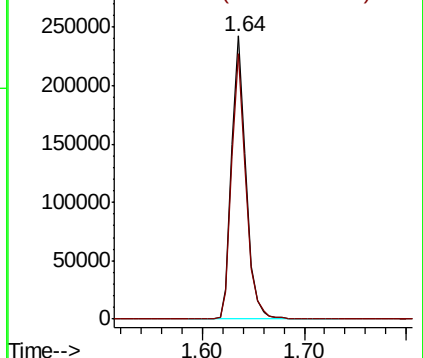
94 100

96 93.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 181.030 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX009908.D

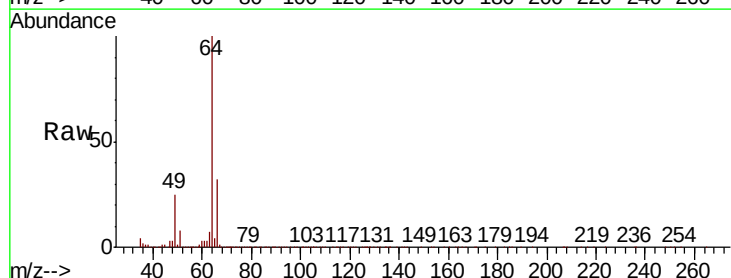
Acq: 28 May 2019 11:54

Tgt Ion: 64 Resp: 210469

Ion Ratio Lower Upper

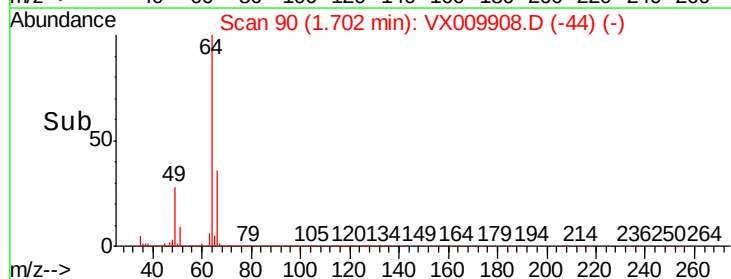
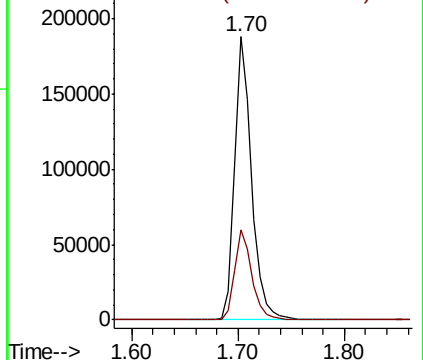
64 100

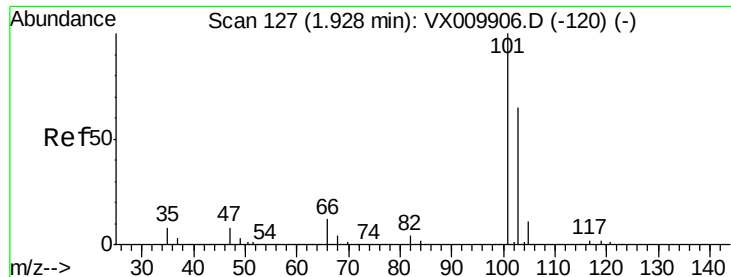
66 31.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



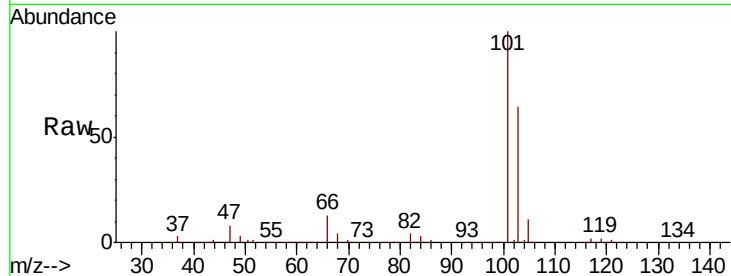


#7

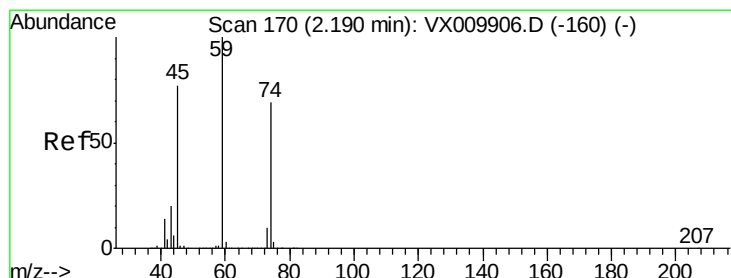
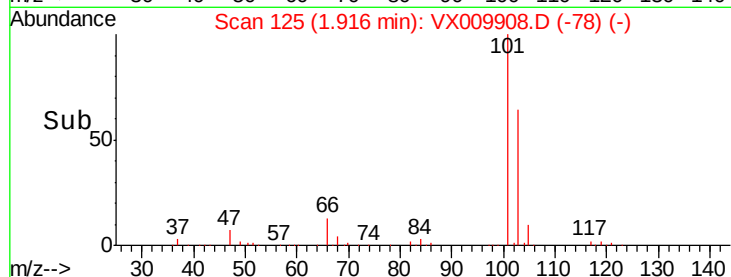
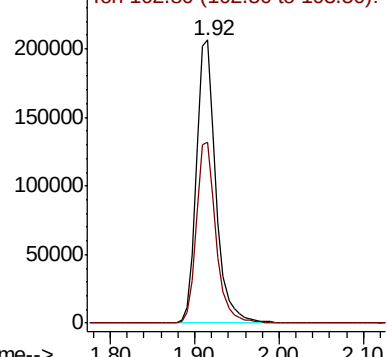
Trichlorofluoromethane
Concen: 149.493 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 329058
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4



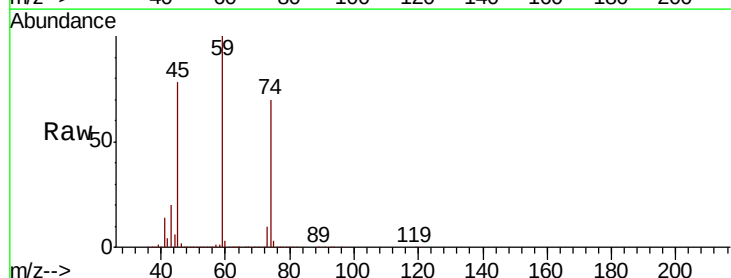
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



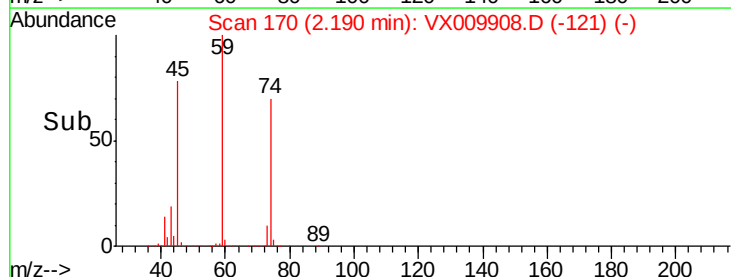
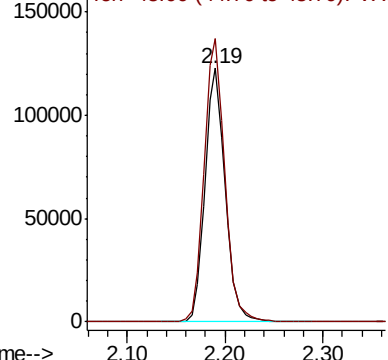
#8

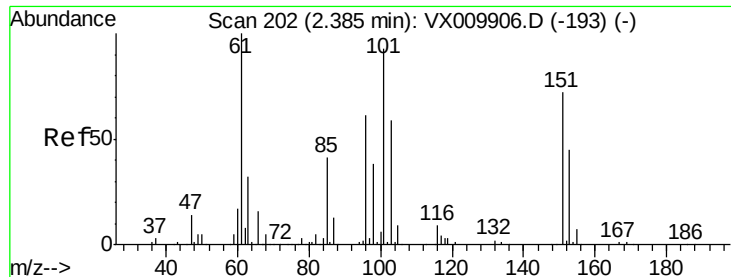
Diethyl Ether
Concen: 170.450 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 74 Resp: 175610
Ion Ratio Lower Upper
74 100
45 113.4 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.347 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

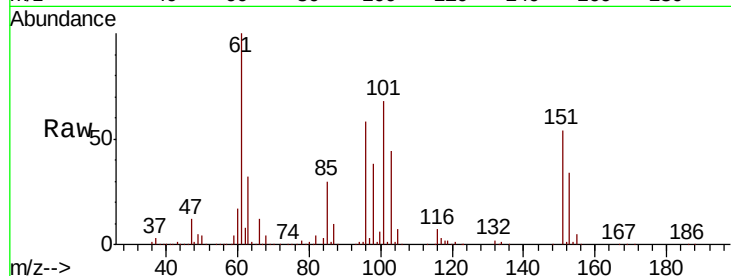
Tot Ion:101 Resp: 186296

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

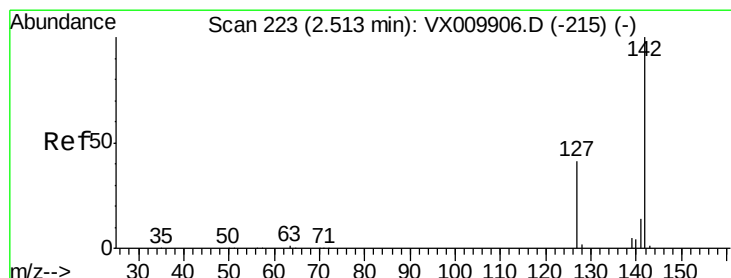
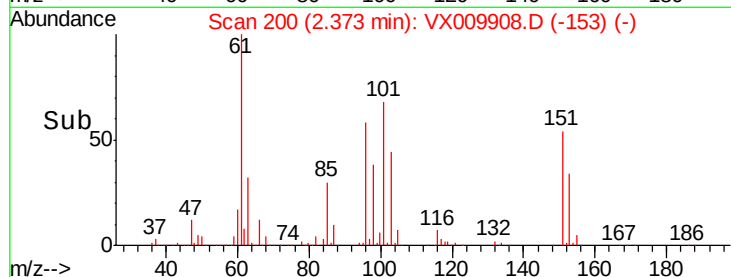
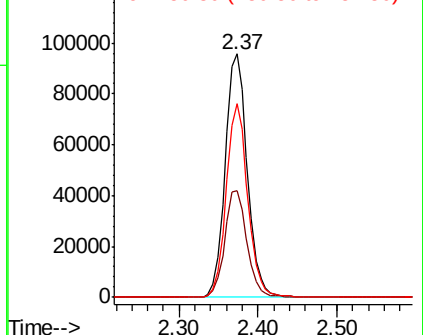
151 77.6 61.9 92.9



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: 198.925 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

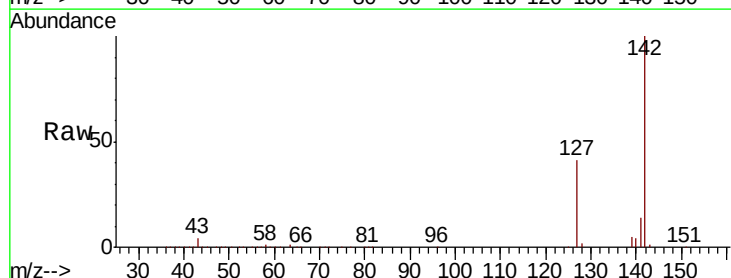
Tgt Ion:142 Resp: 288139

Ion Ratio Lower Upper

142 100

127 40.9 33.0 49.4

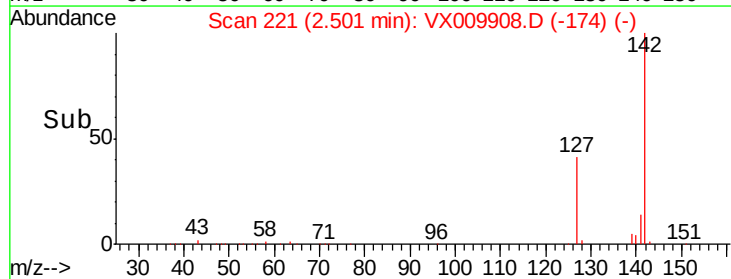
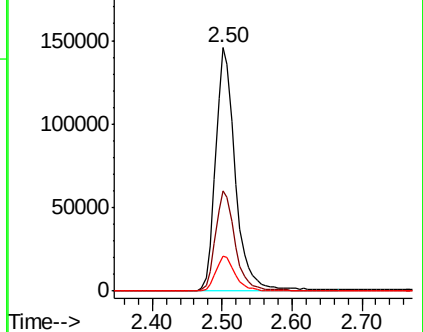
141 14.2 11.4 17.0

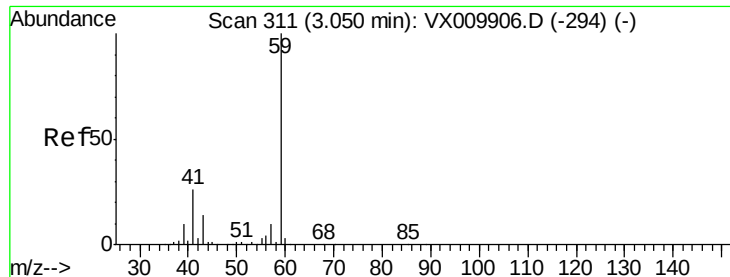


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

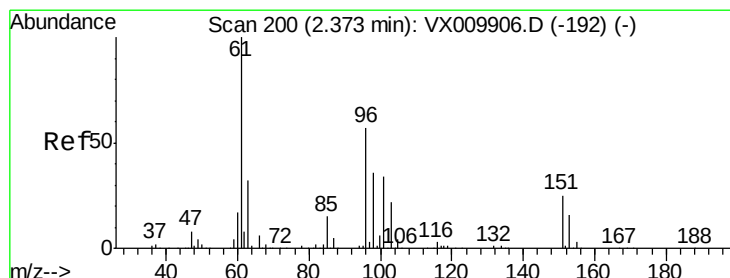
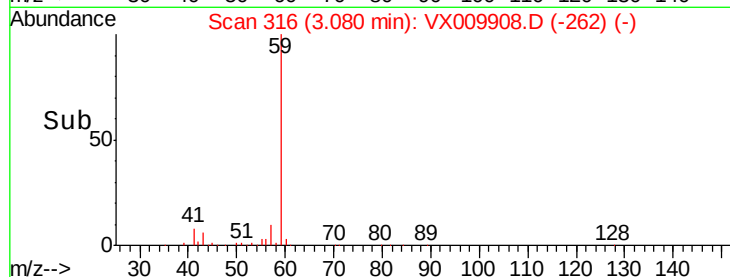
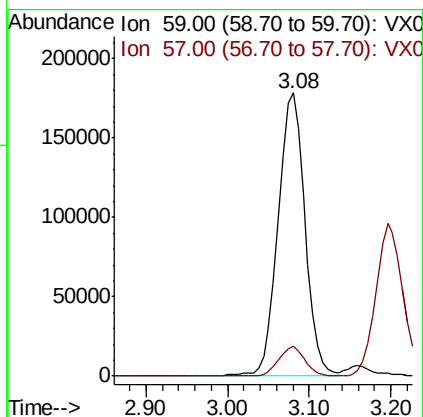
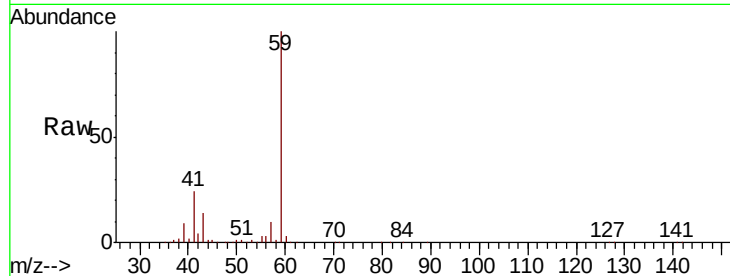




#11
Tert butyl alcohol
Concen: 885.682 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.03 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

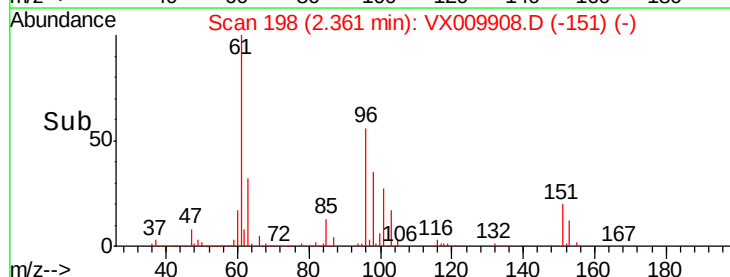
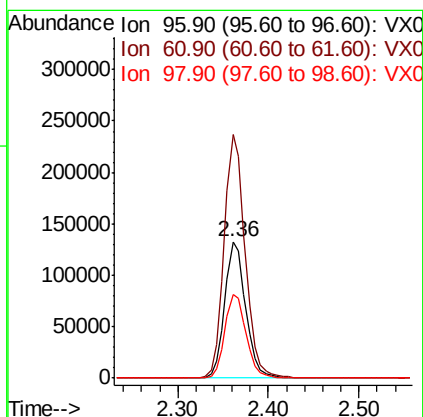
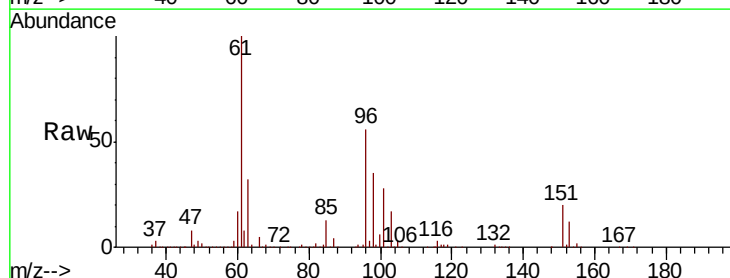
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

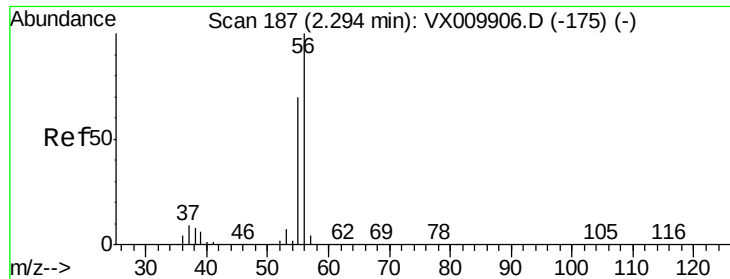
Tot Ion: 59 Resp: 409203
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 154.948 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 96 Resp: 211982
Ion Ratio Lower Upper
96 100
61 178.6 140.7 211.1
98 61.7 50.1 75.1





#13

Acrolein

Concen: 722.643 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

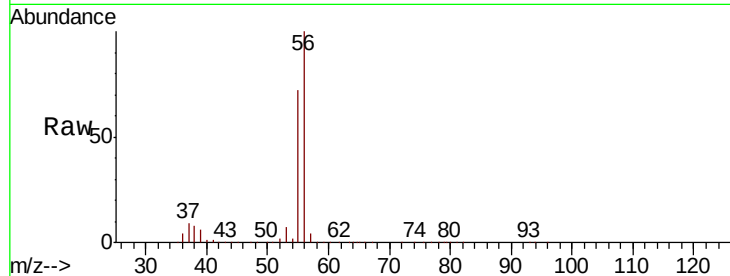
VSTDIC150

Tot Ion: 56 Resp: 290886

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

200000

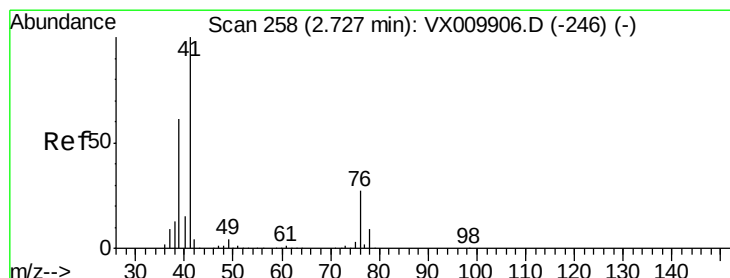
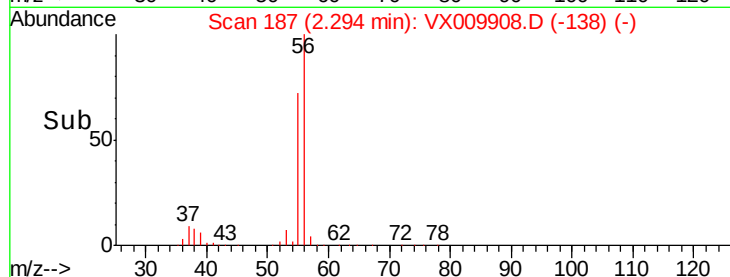
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 170.887 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

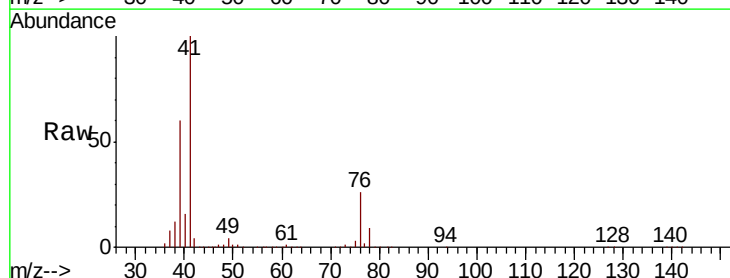
Tgt Ion: 41 Resp: 573367

Ion Ratio Lower Upper

41 100

39 58.1 46.7 70.1

76 26.1 21.0 31.4



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

2.72

400000

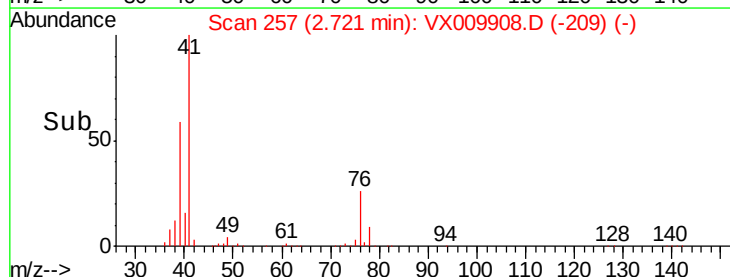
300000

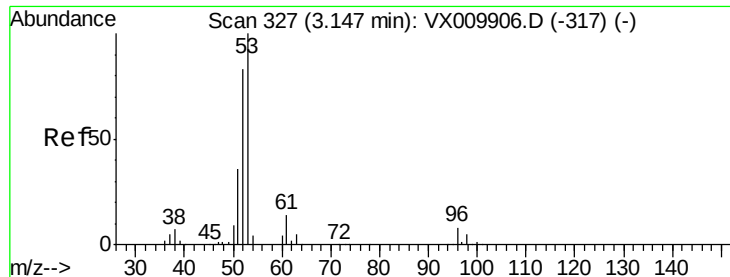
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 880.115 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

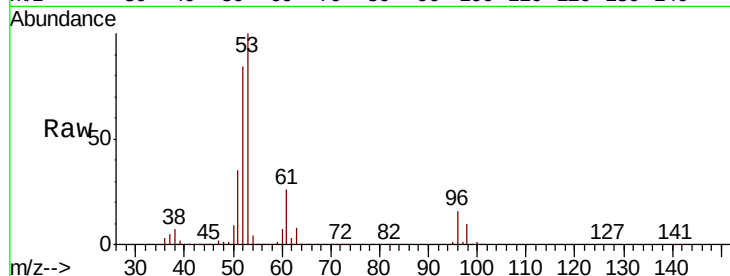
Tot Ion: 53 Resp: 992533

Ion Ratio Lower Upper

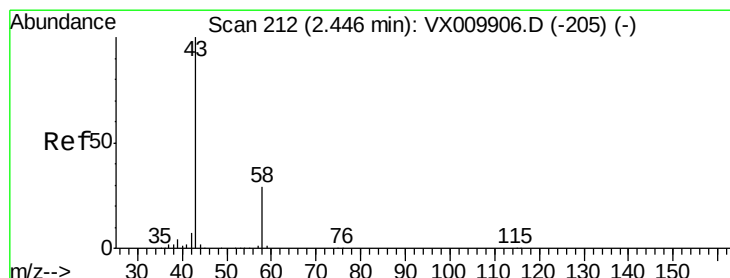
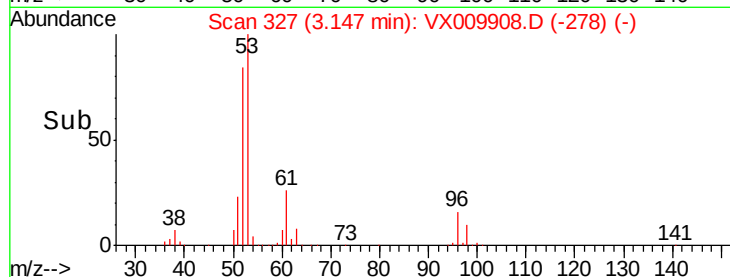
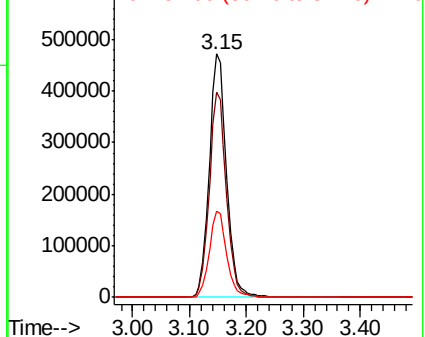
53 100

52 83.6 66.7 100.1

51 35.7 28.8 43.2



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: 893.424 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009908.D

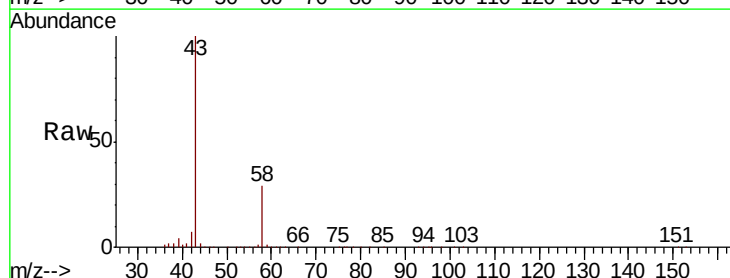
Acq: 28 May 2019 11:54

Tgt Ion: 43 Resp: 962565

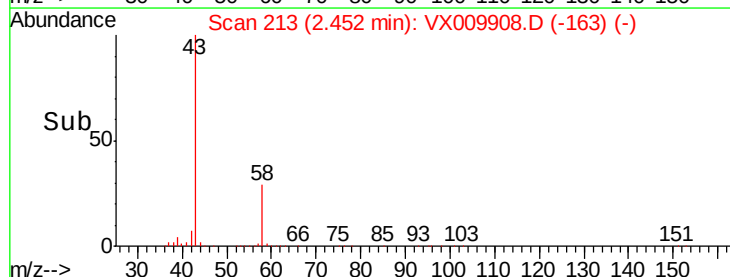
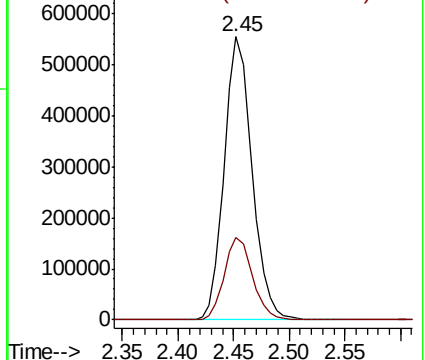
Ion Ratio Lower Upper

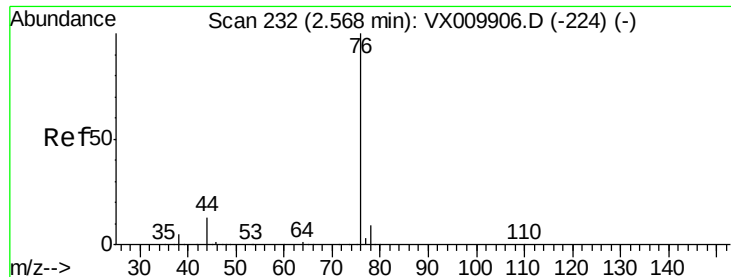
43 100

58 29.3 23.2 34.8



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





#17

Carbon Disulfide

Concen: 171.340 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

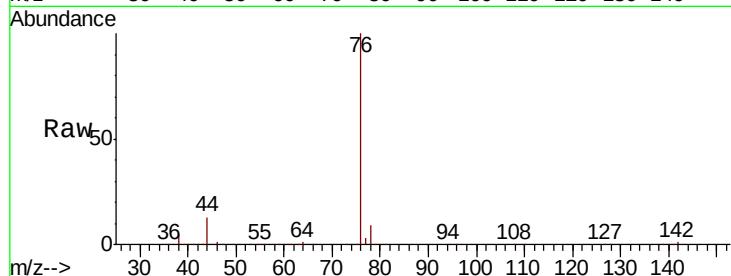
VSTDIC150

Tot Ion: 76 Resp: 666936

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

300000

200000

100000

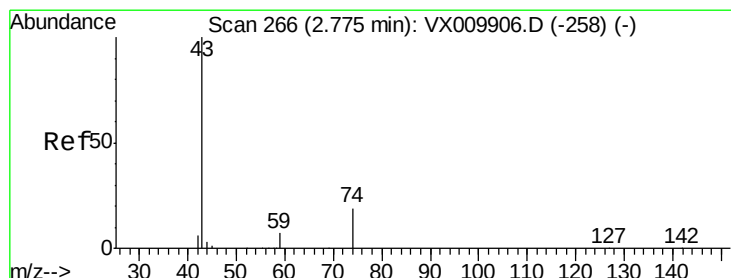
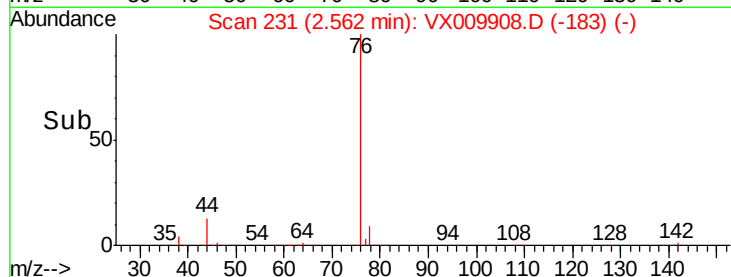
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 170.874 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009908.D

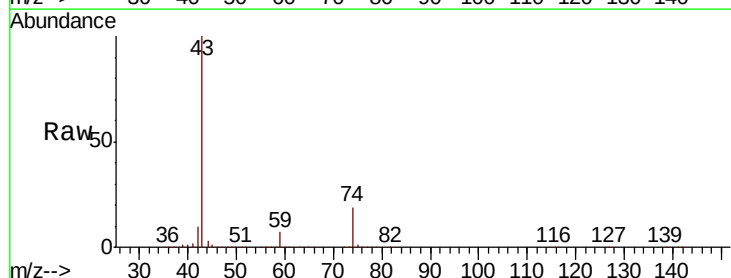
Acq: 28 May 2019 11:54

Tgt Ion: 43 Resp: 433571

Ion Ratio Lower Upper

43 100

74 19.5 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

250000

200000

150000

100000

50000

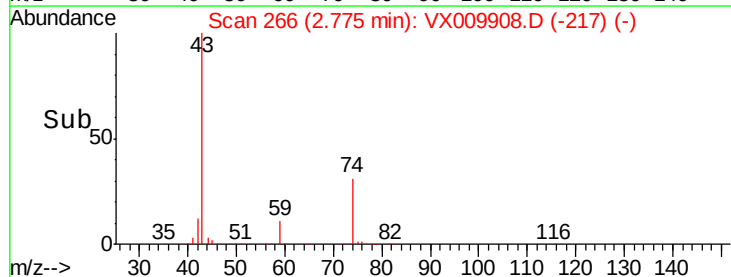
0

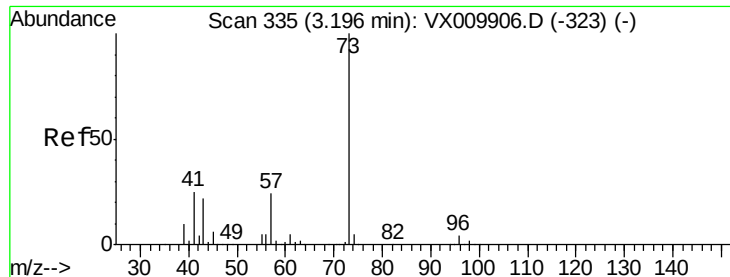
2.70

2.80

2.90

Time-->

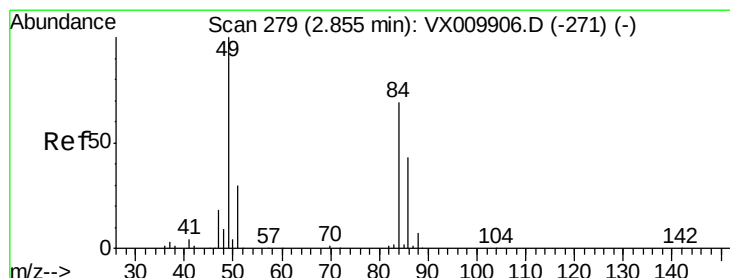
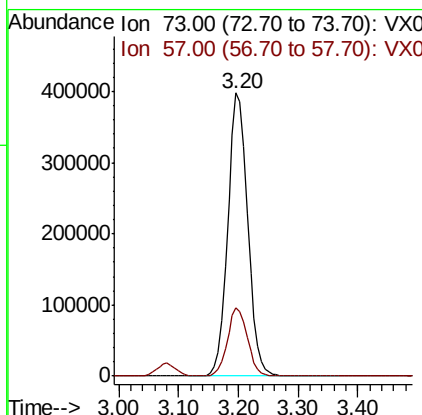
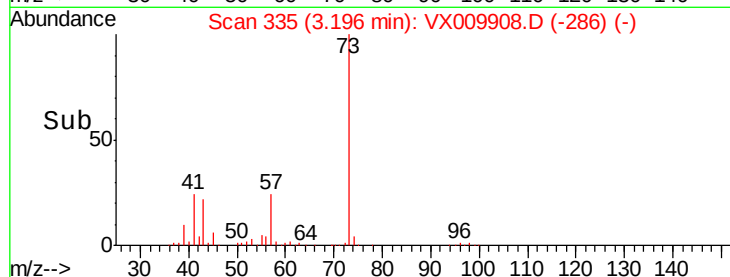
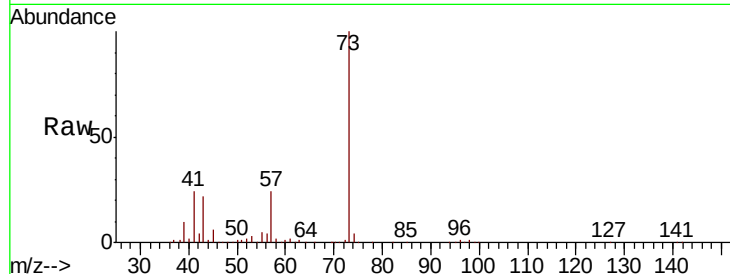




#19
Methyl tert-butyl Ether
Concen: 174.283 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

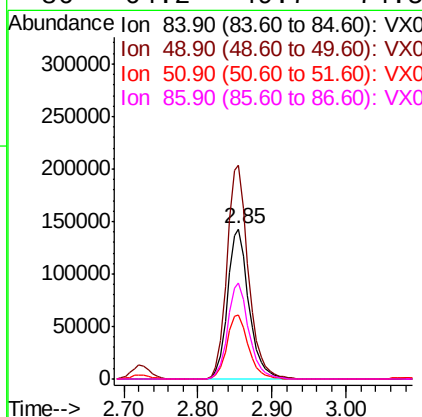
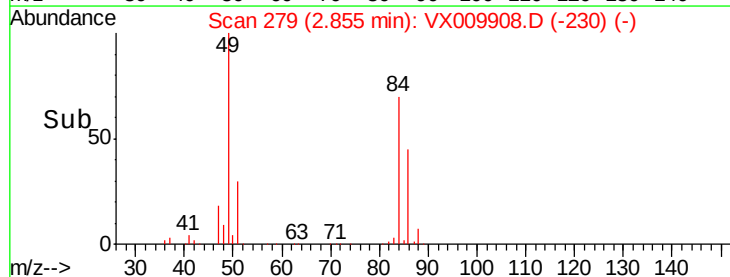
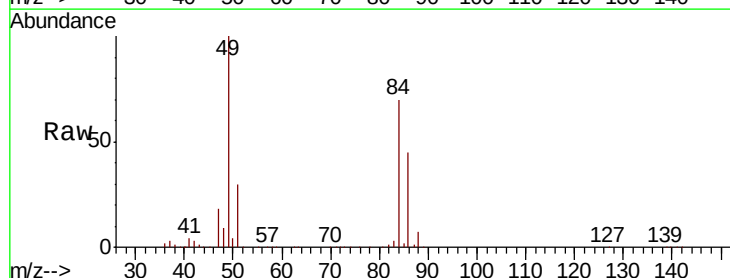
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

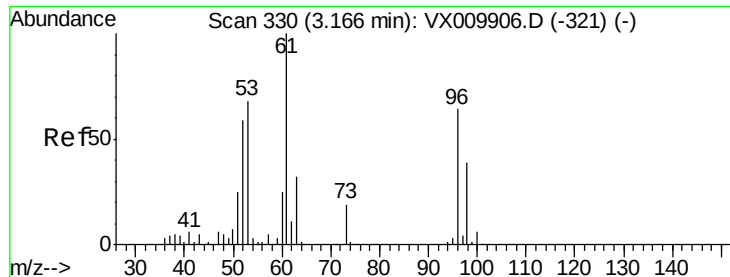
Tot Ion: 73 Resp: 922087
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.2



#20
Methylene Chloride
Concen: 165.849 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 84 Resp: 286070
Ion Ratio Lower Upper
84 100
49 142.2 115.8 173.6
51 42.5 34.4 51.6
86 64.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 164.069 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

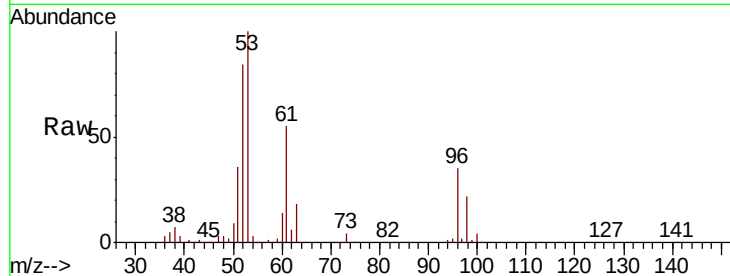
Tot Ion: 96 Resp: 242832

Ion Ratio Lower Upper

96 100

61 158.0 125.7 188.5

98 64.0 49.0 73.6



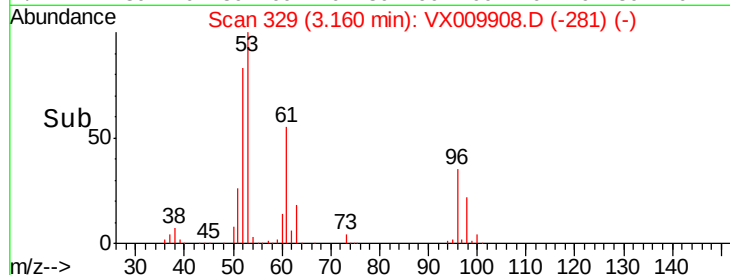
Abundance

Ion 95.90 (95.60 to 96.60): VX0

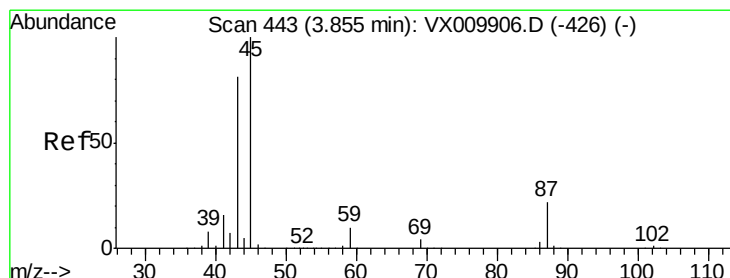
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



Time-->



#22

Diisopropyl ether

Concen: 173.265 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Tgt Ion: 45 Resp: 1112283

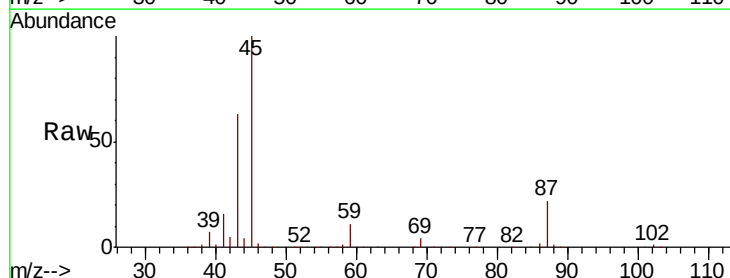
Ion Ratio Lower Upper

45 100

43 63.4 65.0 97.4#

87 22.0 17.3 25.9

59 10.6 8.1 12.1



Abundance

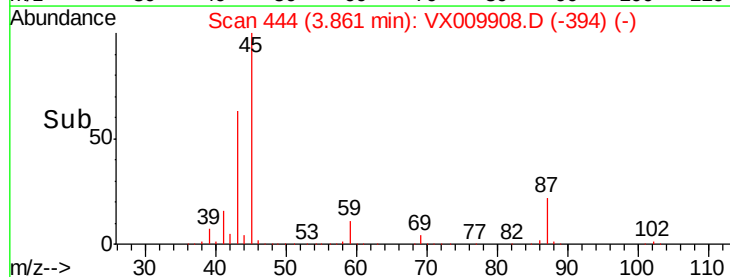
Ion 45.00 (44.70 to 45.70): VX0

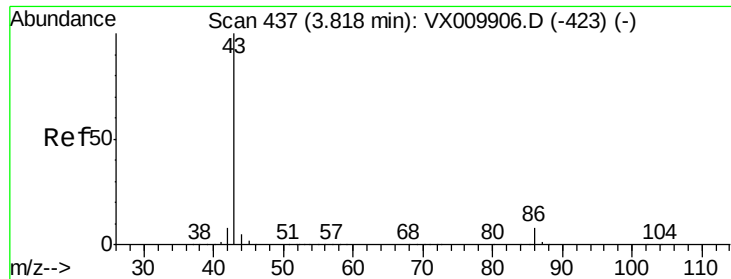
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

Time-->





#23

Vinyl Acetate

Concen: 939.123 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

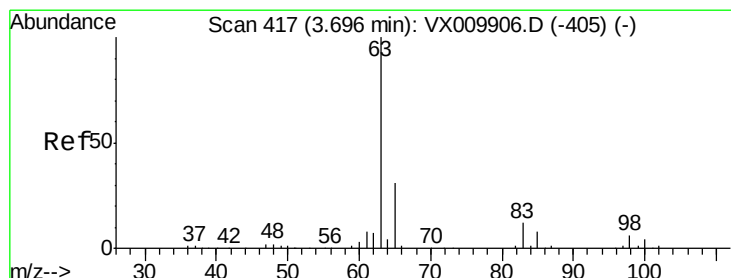
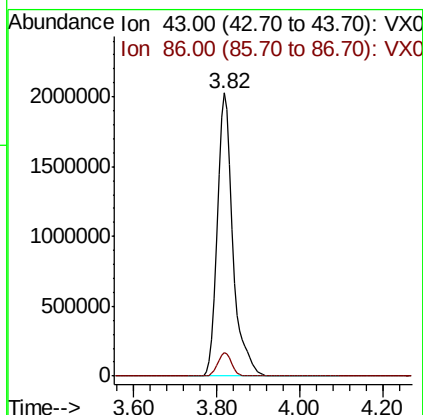
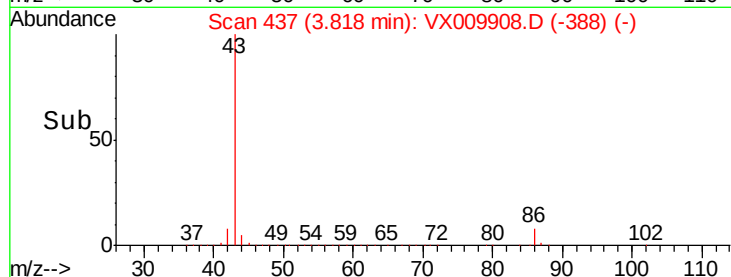
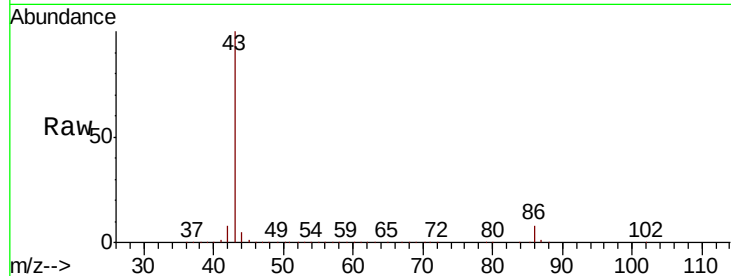
VSTDIC150

Tot Ion: 43 Resp: 5185195

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



#24

1,1-Dichloroethane

Concen: 164.220 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

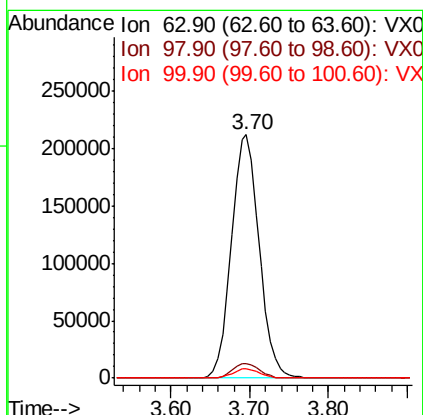
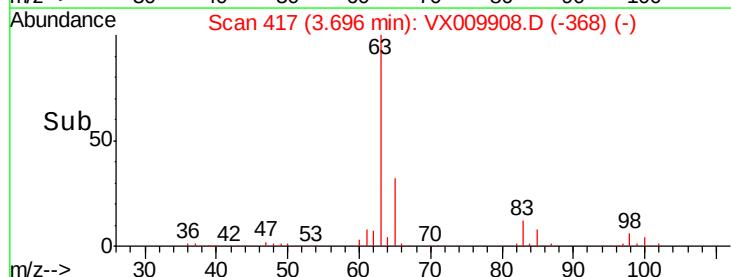
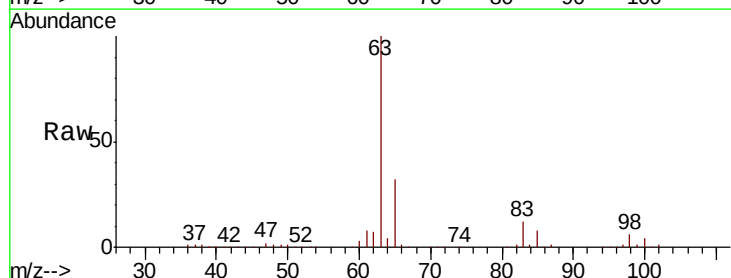
Tgt Ion: 63 Resp: 518768

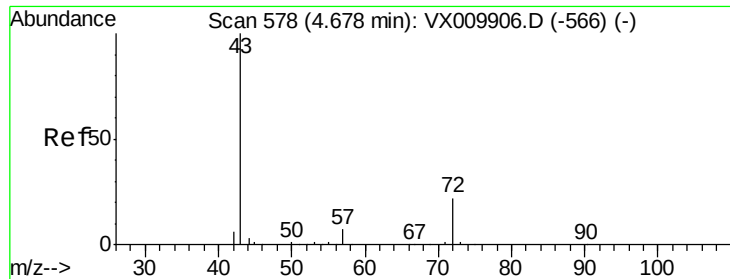
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.8 1.8 5.4





#25

2-Butanone

Concen: 924.097 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

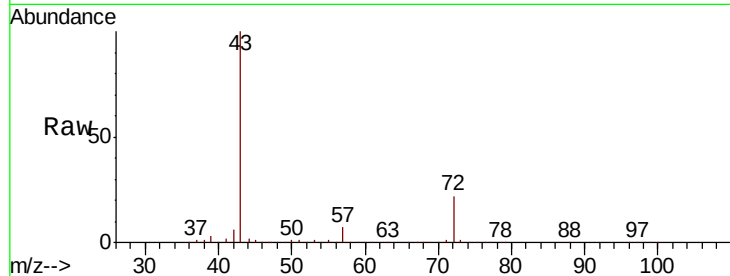
VSTDIC150

Tot Ion: 43 Resp: 1543862

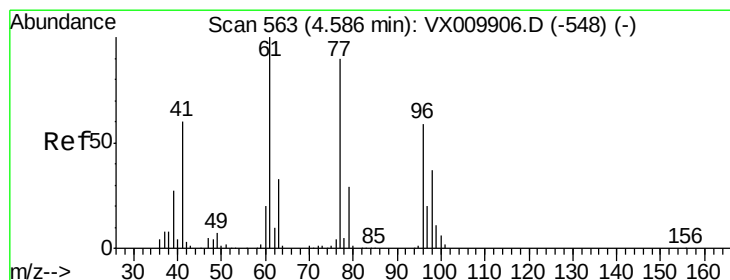
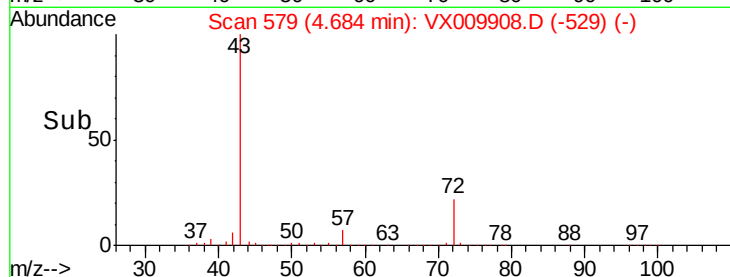
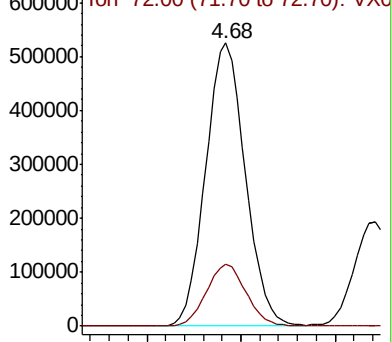
Ion Ratio Lower Upper

43 100

72 21.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX009908.D (-529) (-)



#26

2,2-Dichloropropane

Concen: 163.855 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009908.D

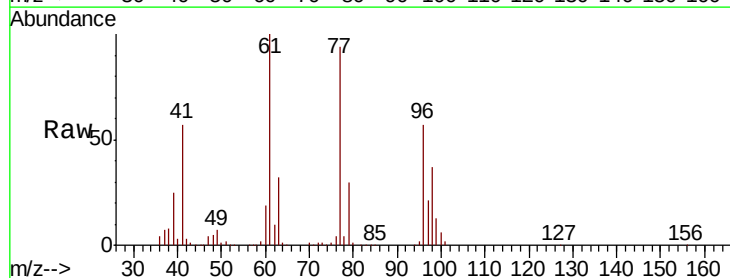
Acq: 28 May 2019 11:54

Tgt Ion: 77 Resp: 385666

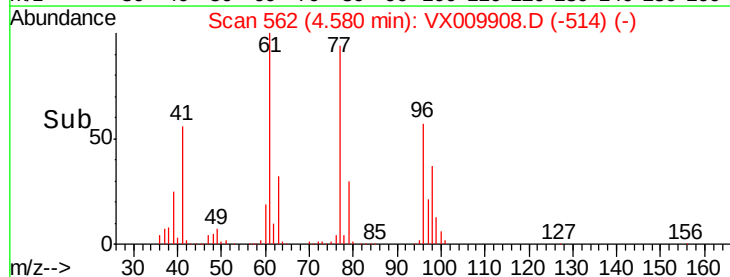
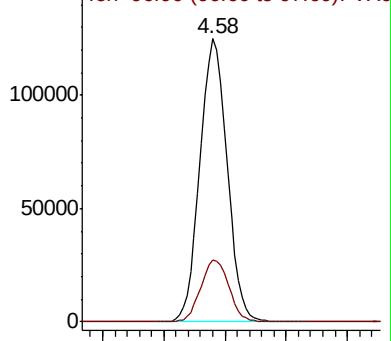
Ion Ratio Lower Upper

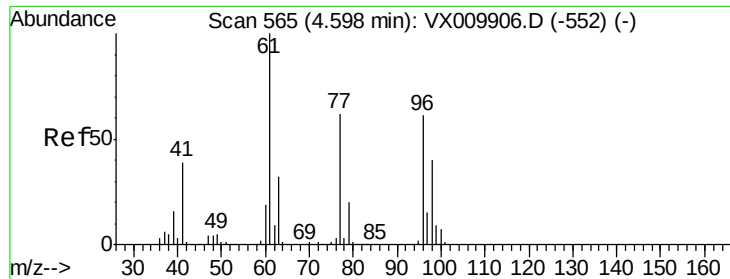
77 100

97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX009908.D (-514) (-)



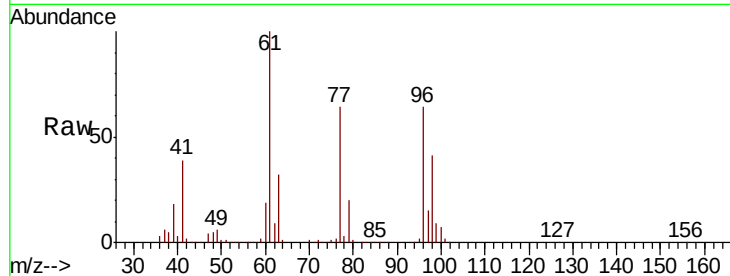


#27

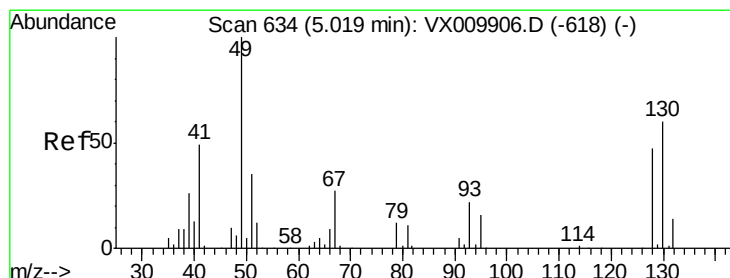
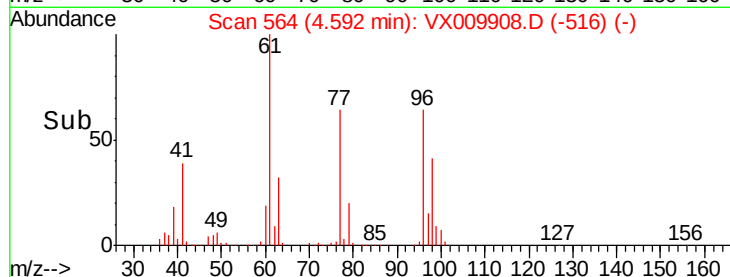
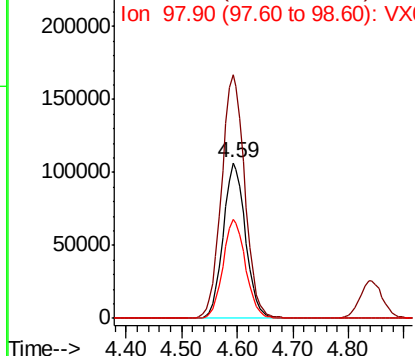
cis-1,2-Dichloroethene
 Concen: 167.178 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.8	0.0	334.0
98	64.3	0.0	131.6



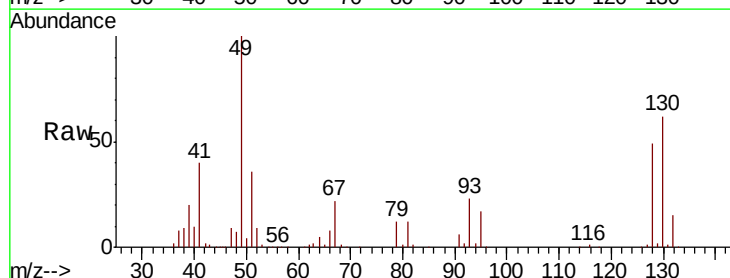
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



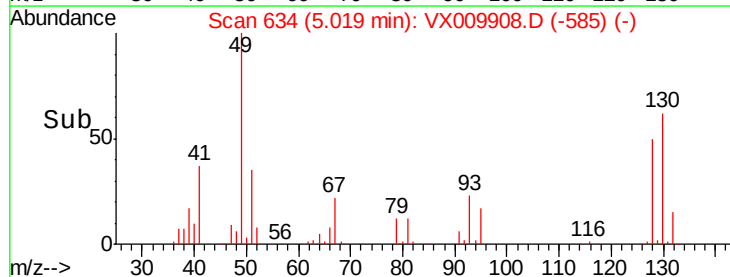
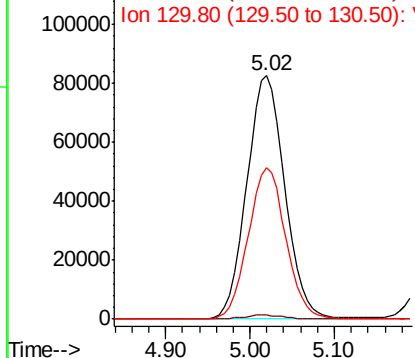
#28

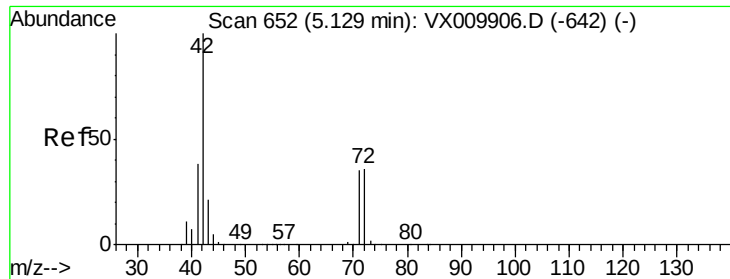
Bromochloromethane
 Concen: 178.119 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	61.7	49.4	74.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 923.160 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

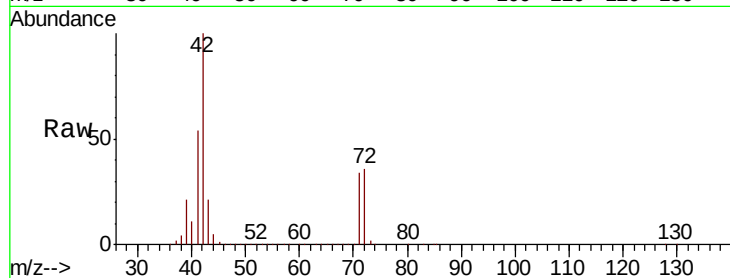
Tot Ion: 42 Resp: 990240

Ion Ratio Lower Upper

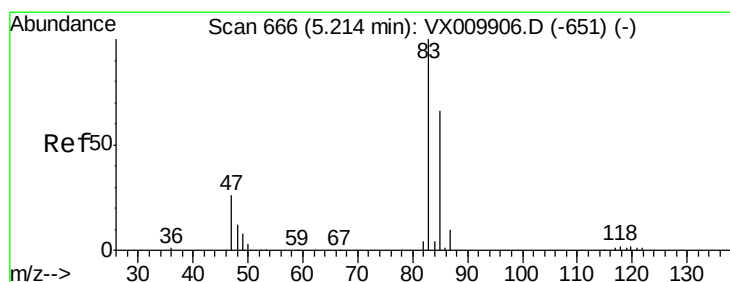
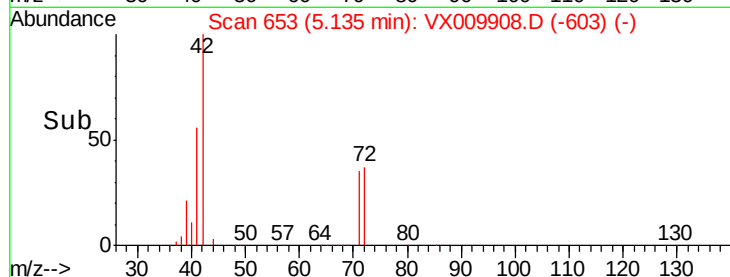
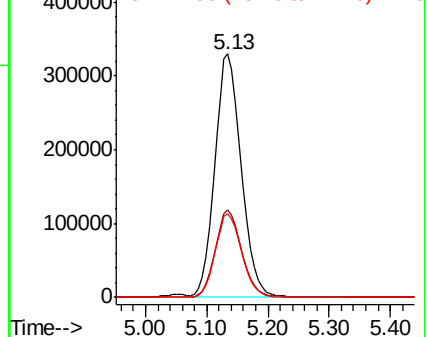
42 100

72 36.3 29.2 43.8

71 34.3 27.6 41.4



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: 165.872 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009908.D

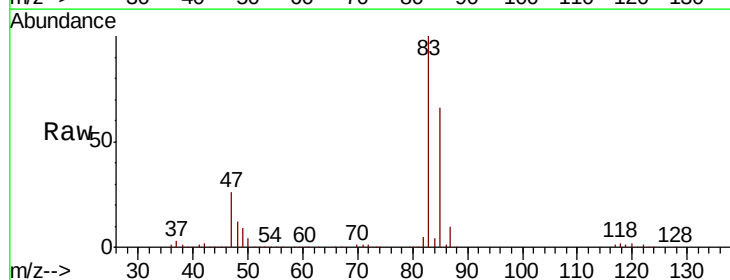
Acq: 28 May 2019 11:54

Tgt Ion: 83 Resp: 472866

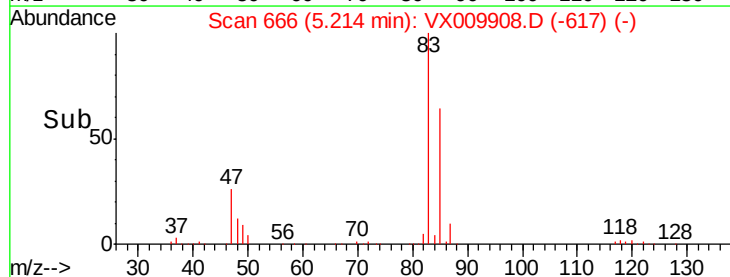
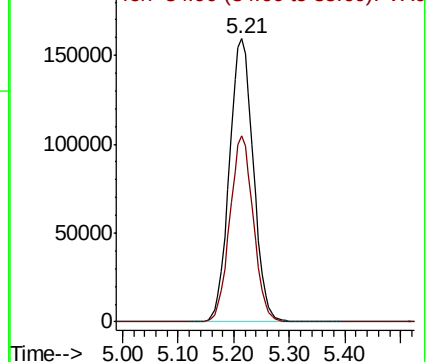
Ion Ratio Lower Upper

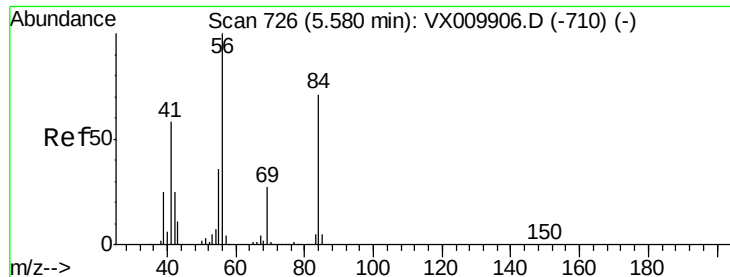
83 100

85 65.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

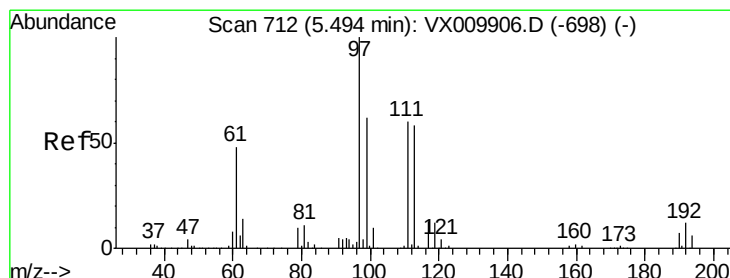
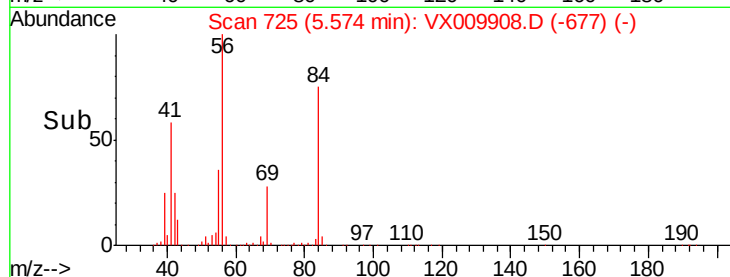
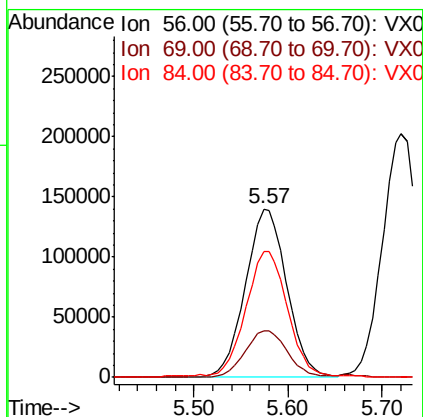
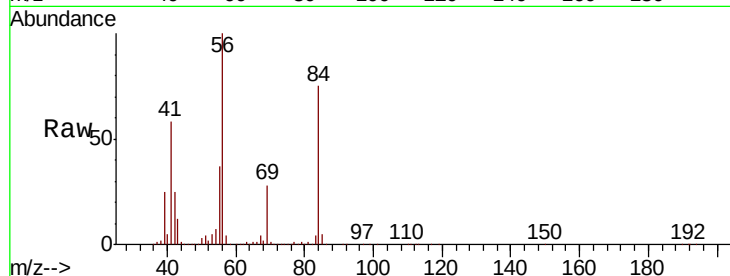




#31
Cyclohexane
Concen: 144.596 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

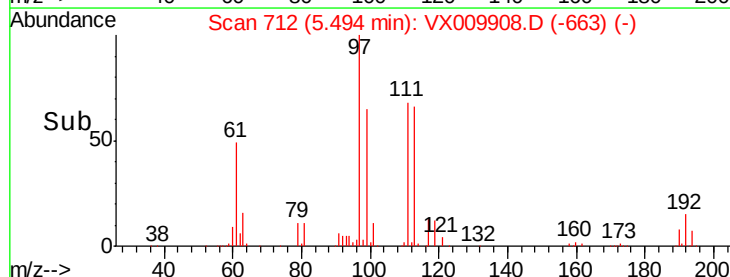
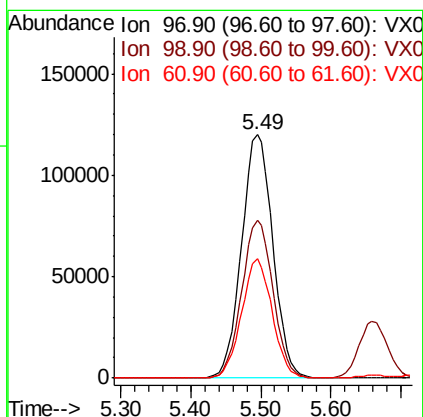
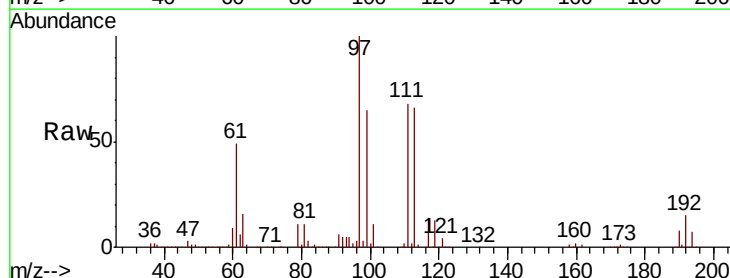
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

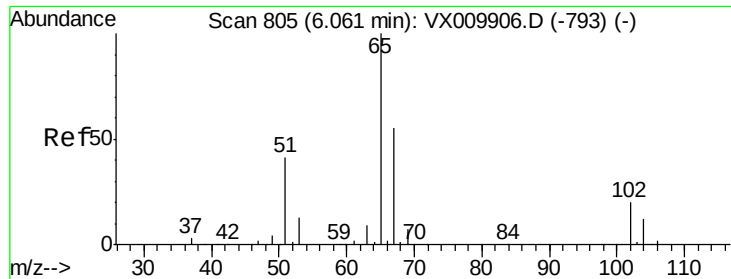
Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	21.6	32.4
84	73.5	56.8	85.2



#32
1,1,1-Trichloroethane
Concen: 156.617 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	47.9	38.7	58.1

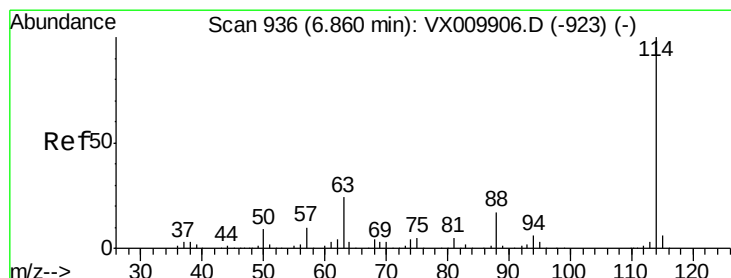
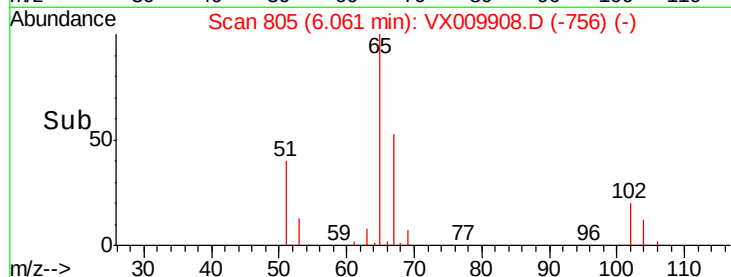
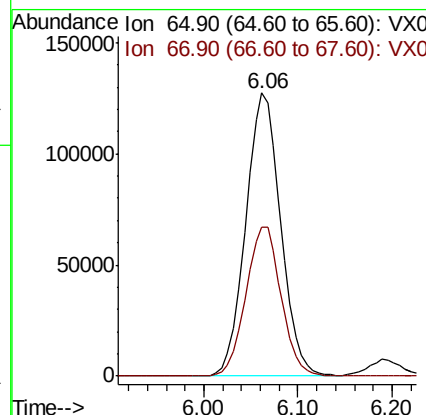
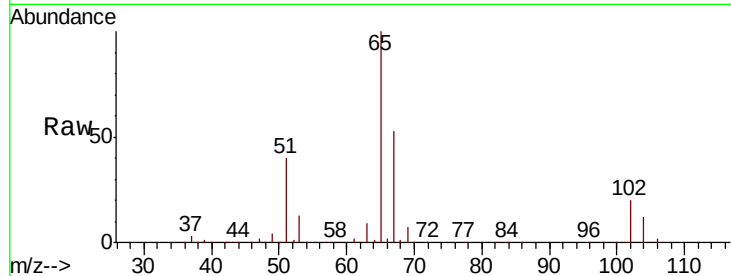




#33
 1,2-Dichloroethane-d4
 Concen: 169.214 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

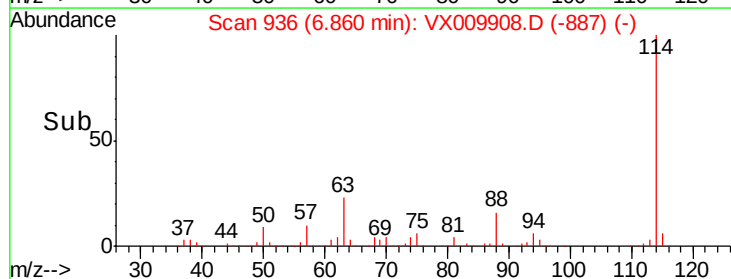
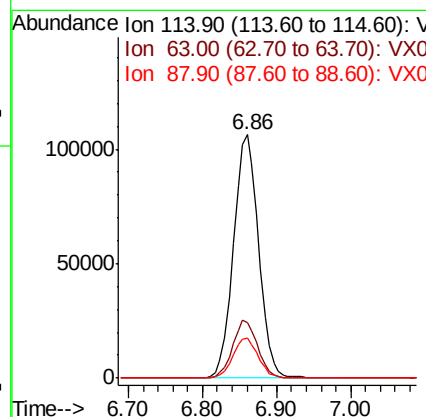
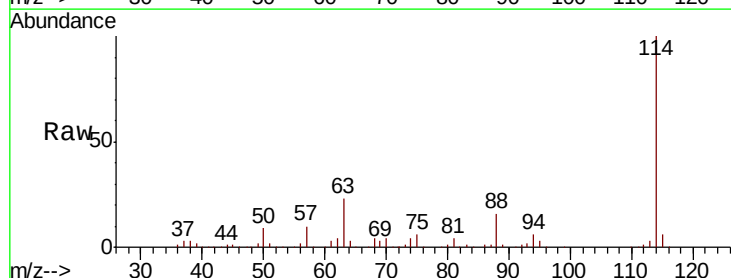
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

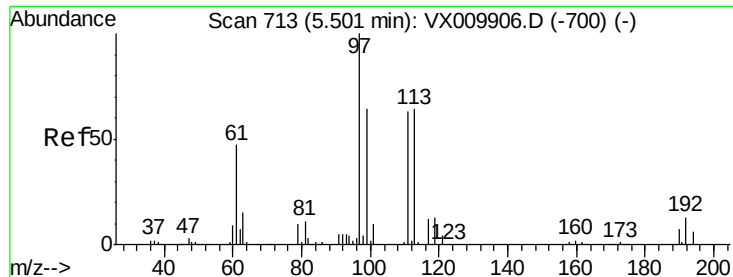
Tot Ion: 65 Resp: 330649
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion: 114 Resp: 250655
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.5 0.0 33.0

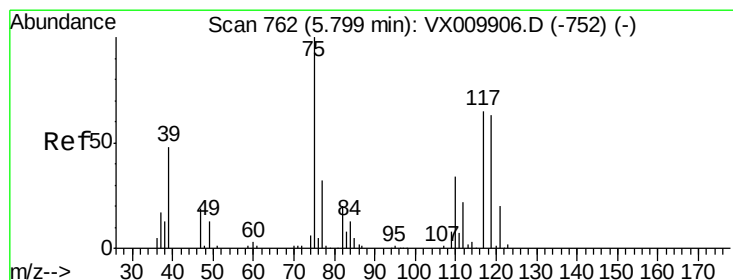
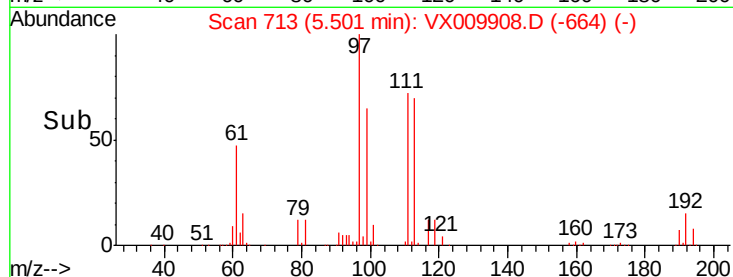
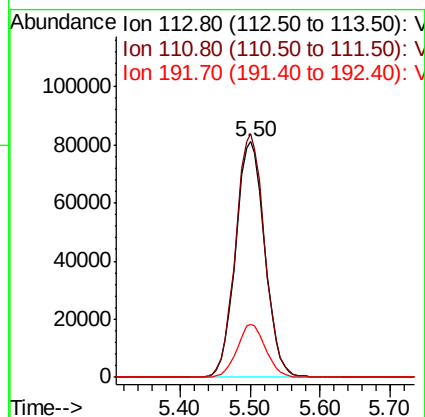
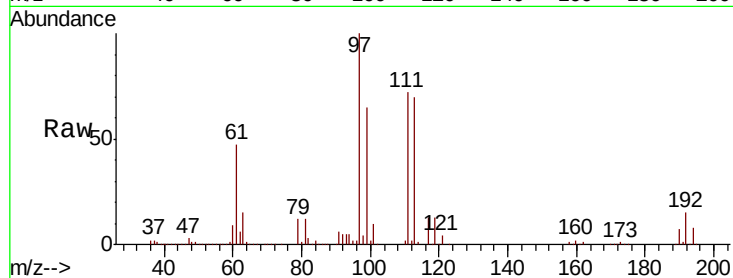




#35
 Dibromofluoromethane
 Concen: 150.159 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

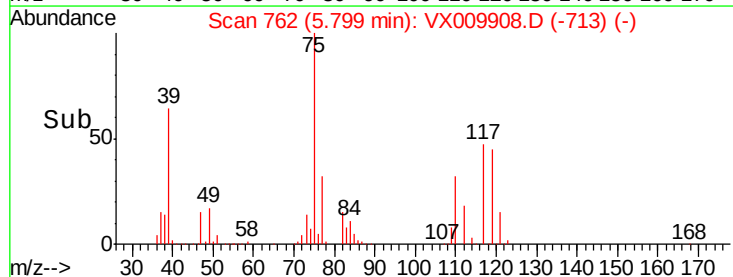
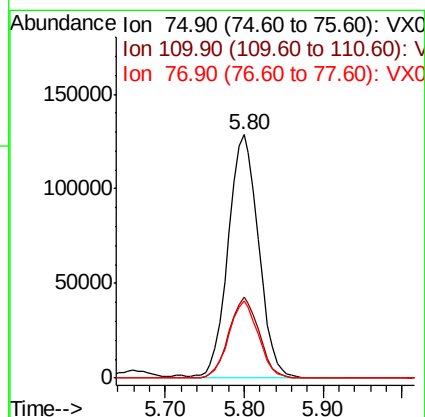
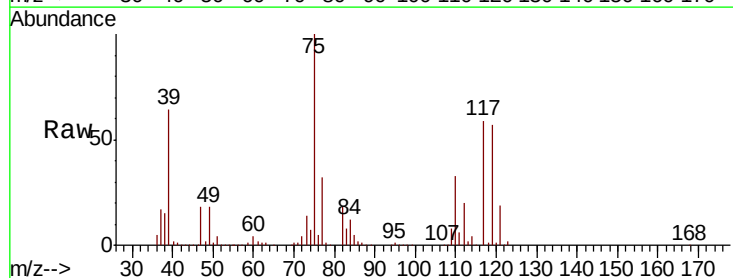
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

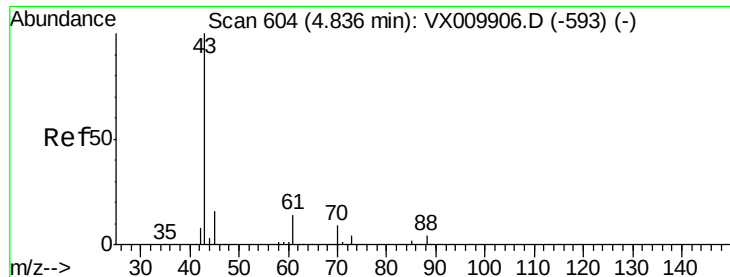
Tot Ion:113 Resp: 234511
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 21.9 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 145.378 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion: 75 Resp: 342803
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.7 50.1
 77 31.0 25.0 37.4

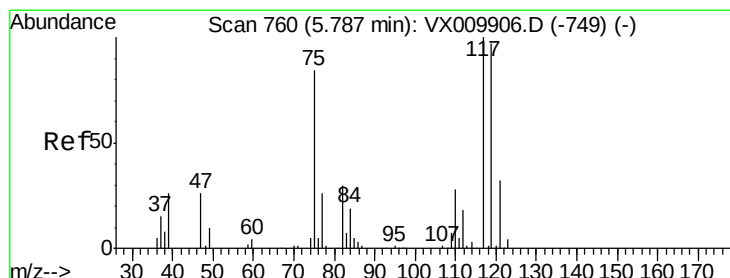
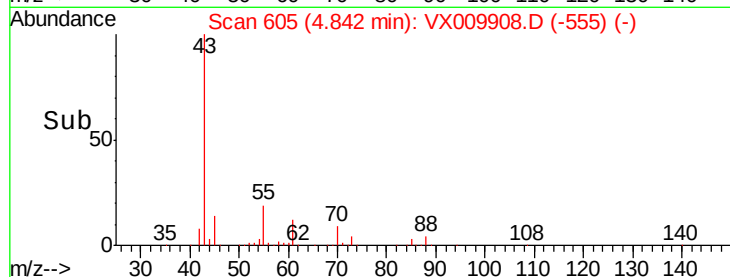
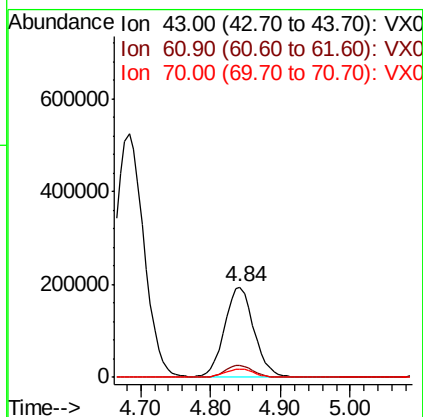
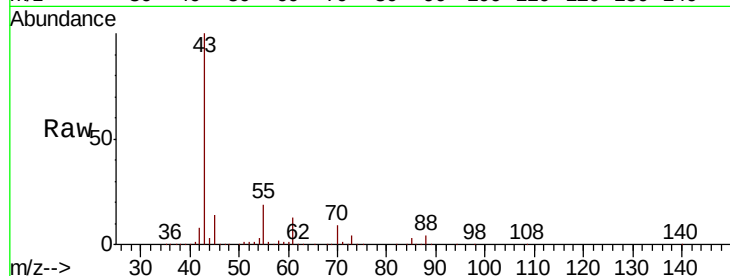




#37
Ethyl Acetate
Concen: 172.695 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

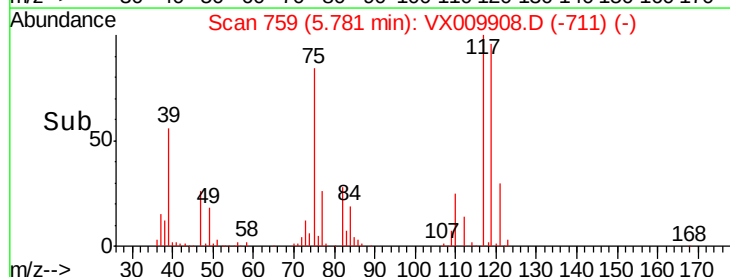
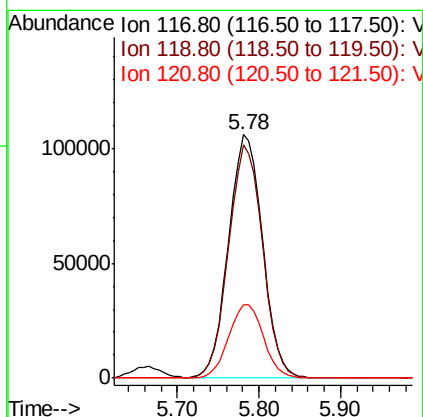
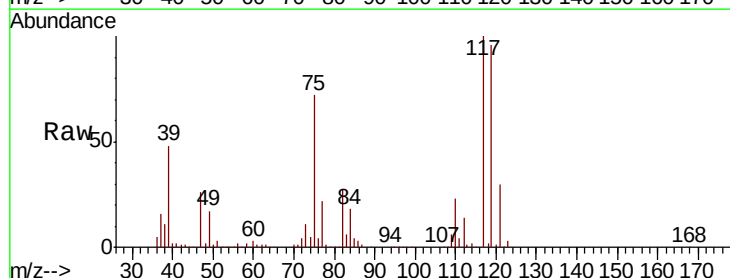
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

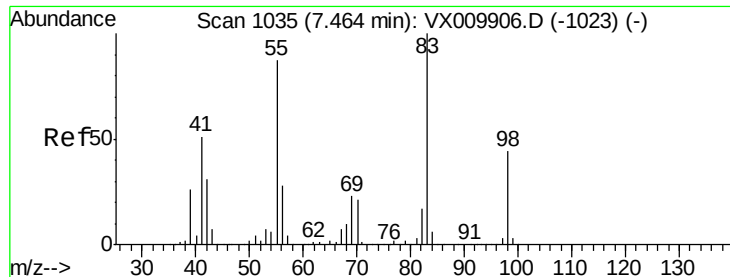
Tot Ion: 43 Resp: 571079
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 9.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 142.992 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 117 Resp: 306173
Ion Ratio Lower Upper
117 100
119 96.0 77.3 115.9
121 30.2 25.4 38.0

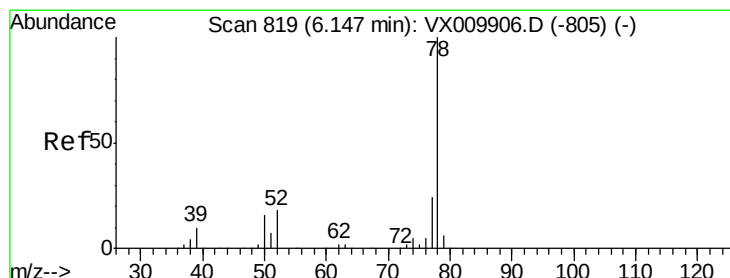
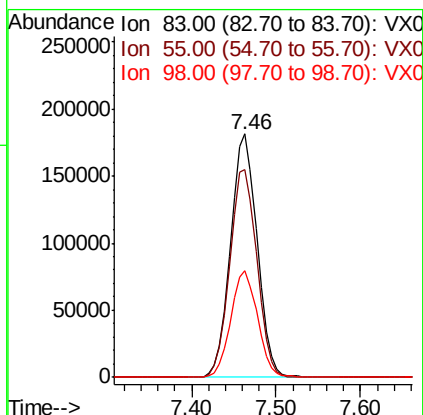
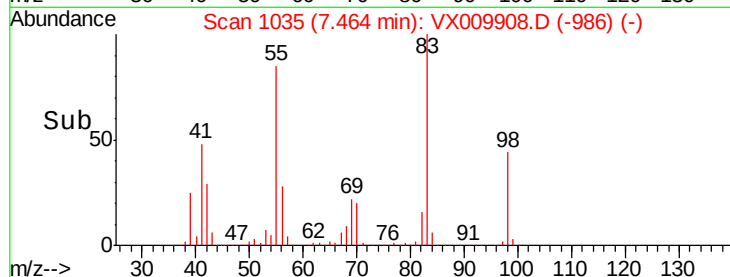
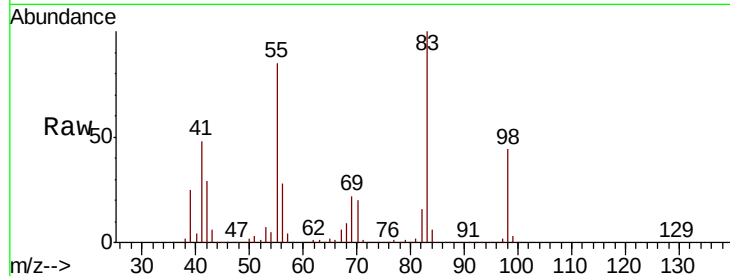




#39
Methylvlcyclohexane
Concen: 133.202 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

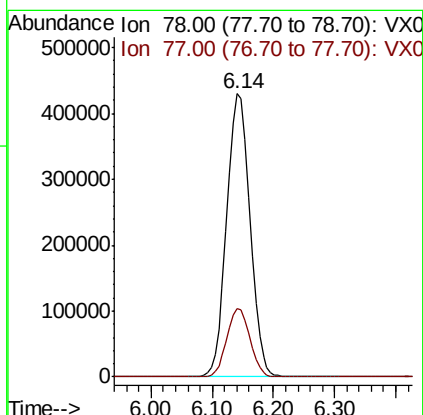
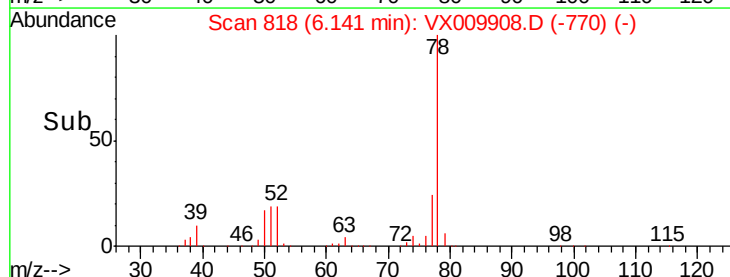
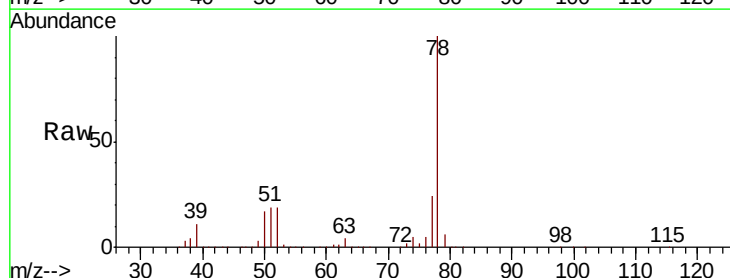
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

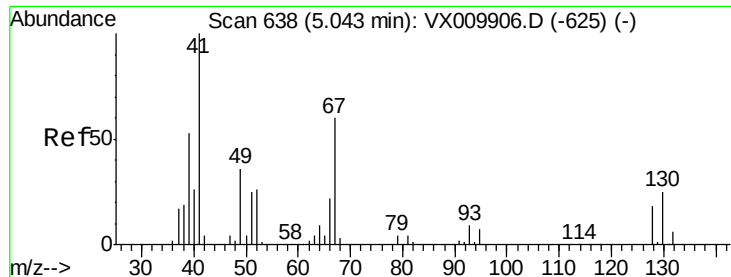
Tot Ion: 83 Resp: 386889
Ion Ratio Lower Upper
83 100
55 85.2 69.9 104.9
98 43.6 35.1 52.7



#40
Benzene
Concen: 155.039 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 78 Resp: 1128593
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#41

Methacrylonitrile

Concen: 167.702 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 328205

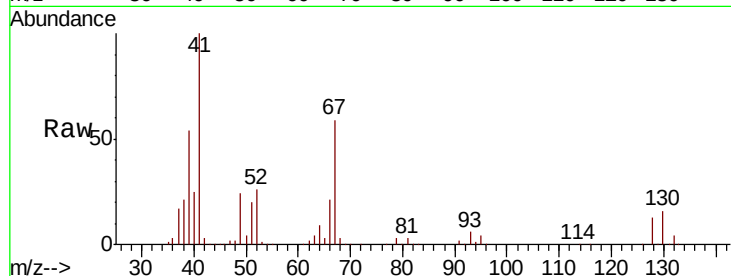
Ion Ratio Lower Upper

41 100

39 52.6 42.2 63.4

67 59.5 48.9 73.3

52 25.4 20.1 30.1

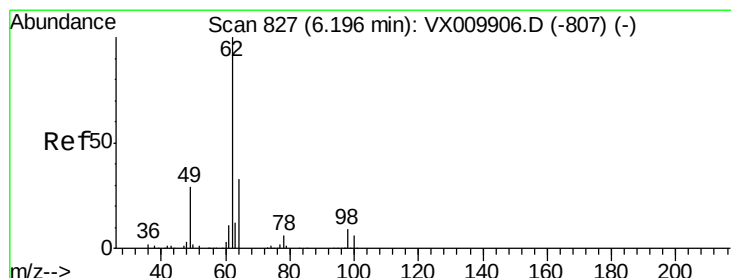
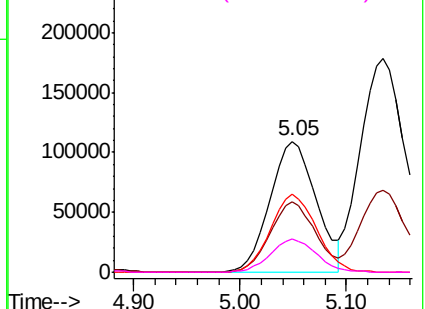
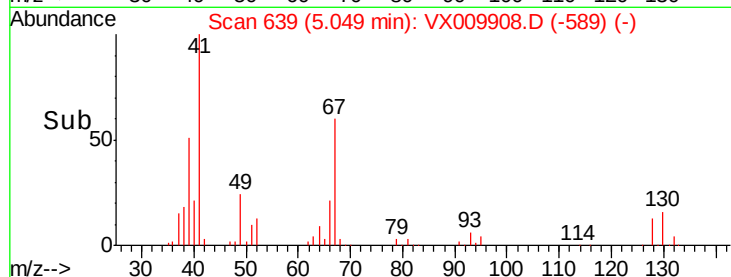


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 160.635 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009908.D

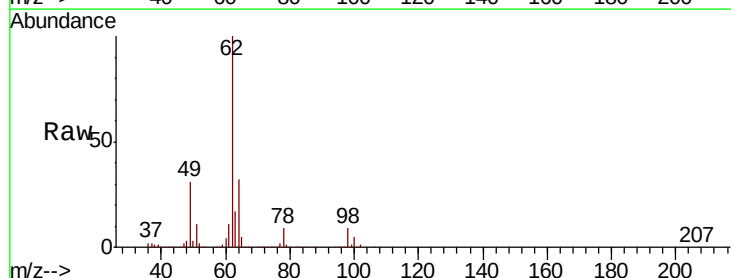
Acq: 28 May 2019 11:54

Tgt Ion: 62 Resp: 421137

Ion Ratio Lower Upper

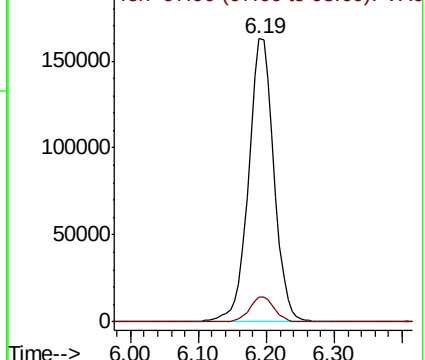
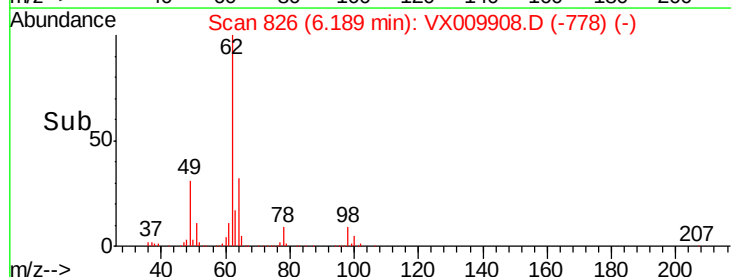
62 100

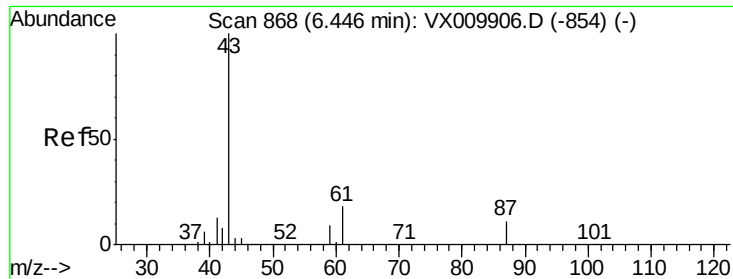
98 8.6 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 177.263 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

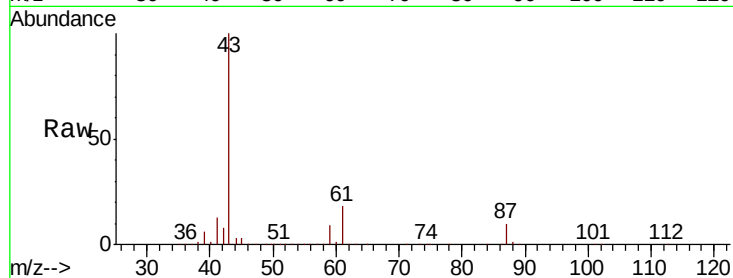
Tot Ion: 43 Resp: 934409

Ion Ratio Lower Upper

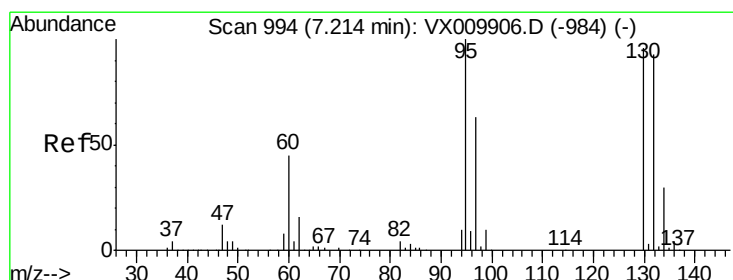
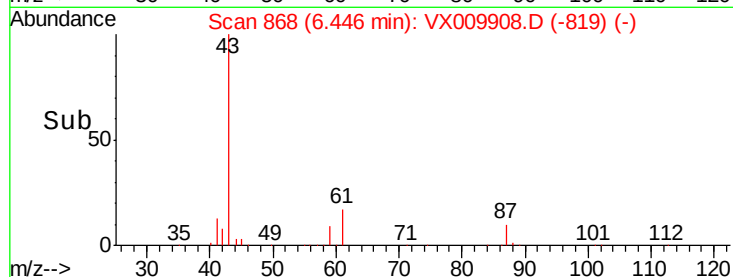
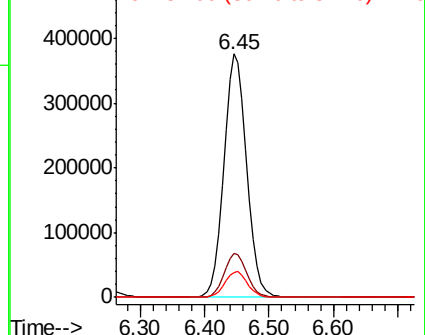
43 100

61 18.2 14.6 21.8

87 10.6 8.7 13.1



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: 148.474 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009908.D

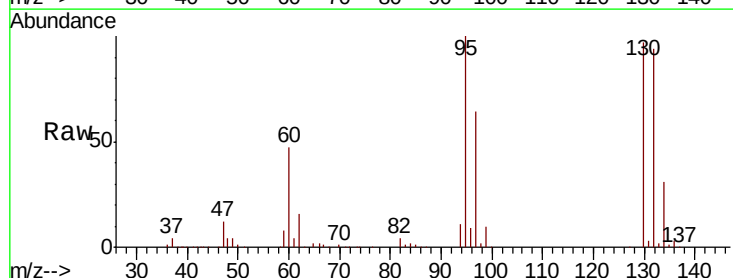
Acq: 28 May 2019 11:54

Tgt Ion:130 Resp: 260918

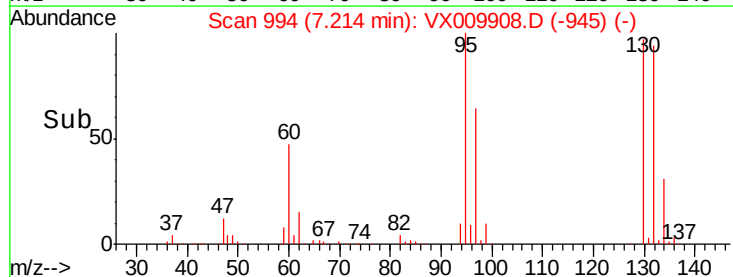
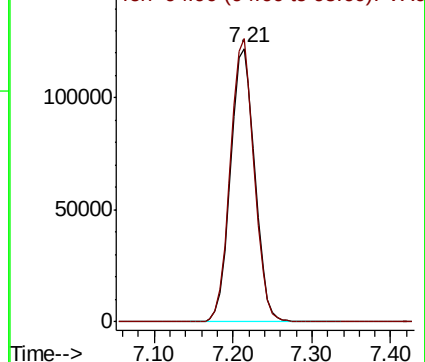
Ion Ratio Lower Upper

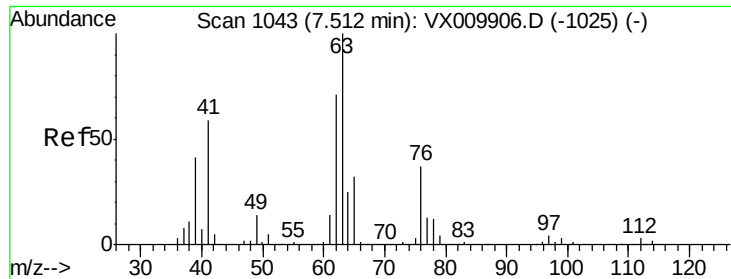
130 100

95 103.6 0.0 207.4



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

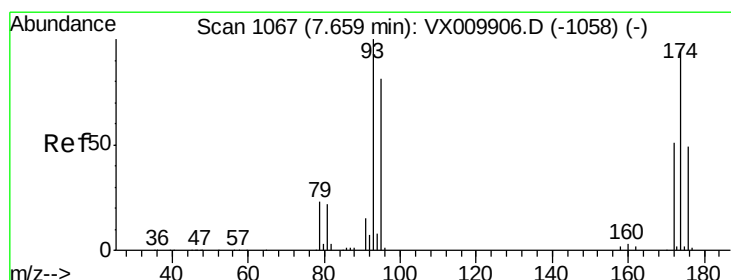
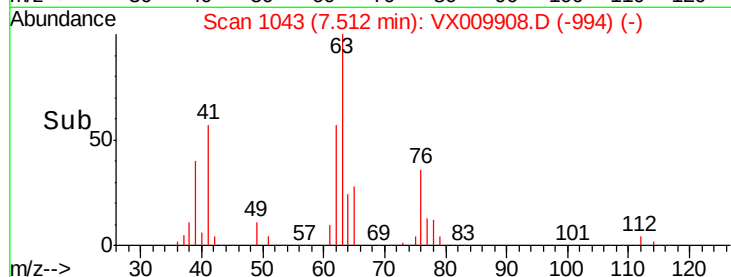
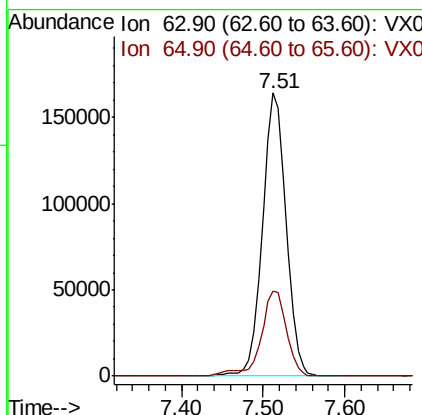
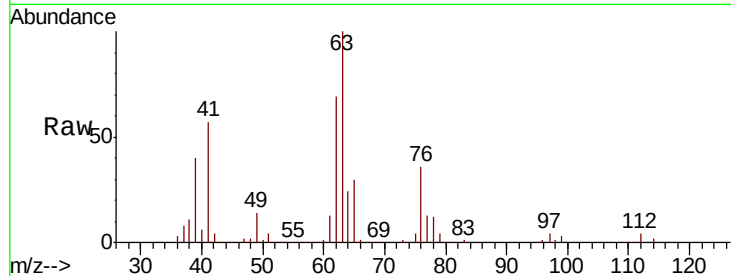




#45
 1,2-Dichloropropane
 Concen: 160.838 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

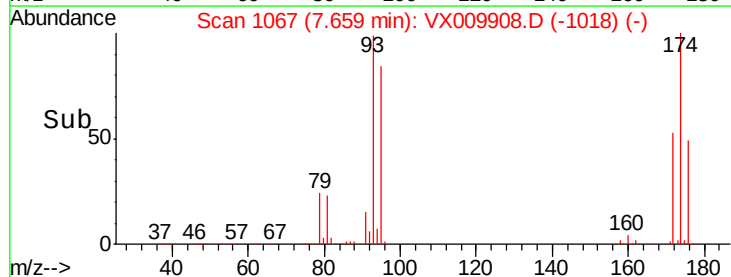
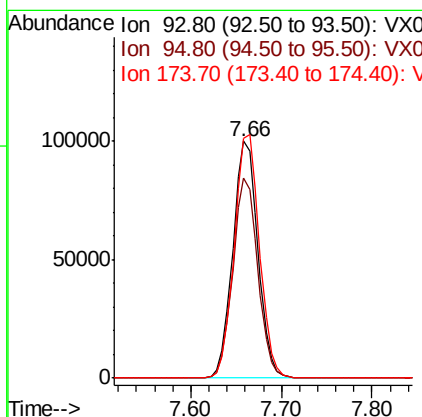
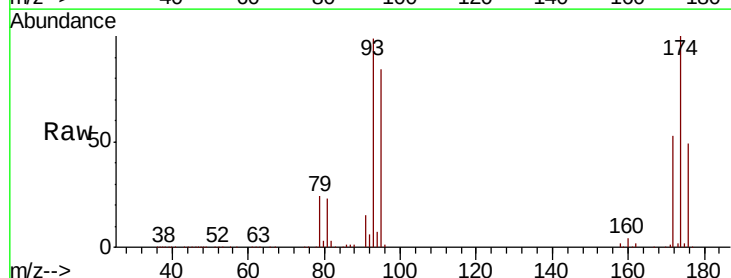
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

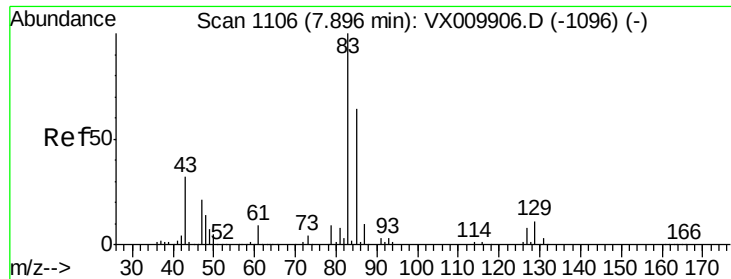
Tot Ion: 63 Resp: 331460
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.7 38.5



#46
 Dibromomethane
 Concen: 160.843 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion: 93 Resp: 192387
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.8 100.2
 174 103.3 81.9 122.9

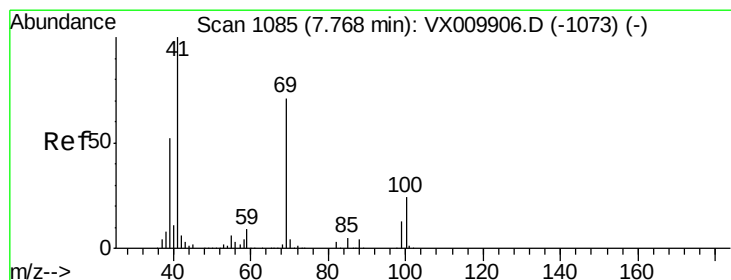
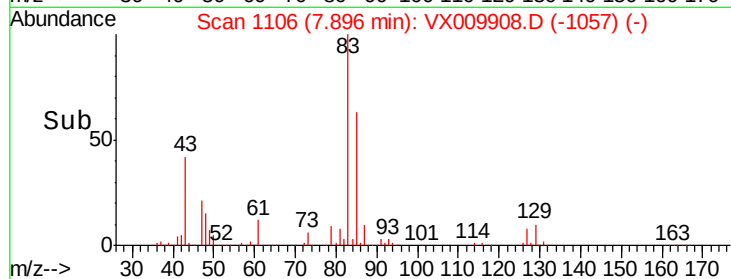
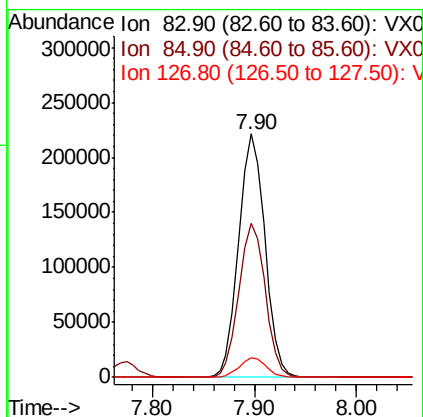
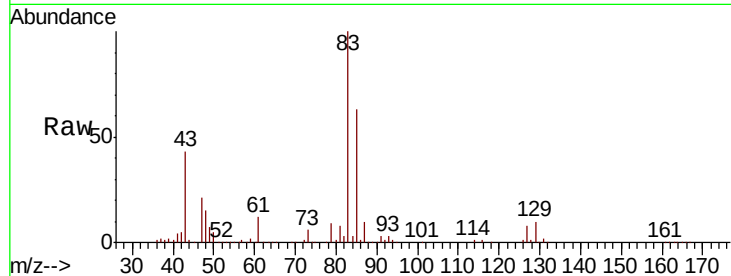




#47
Bromodichloromethane
Concen: 166.535 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

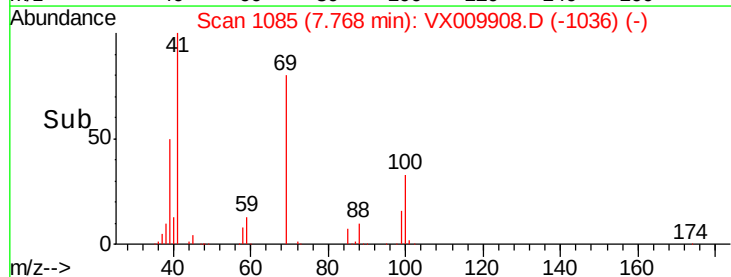
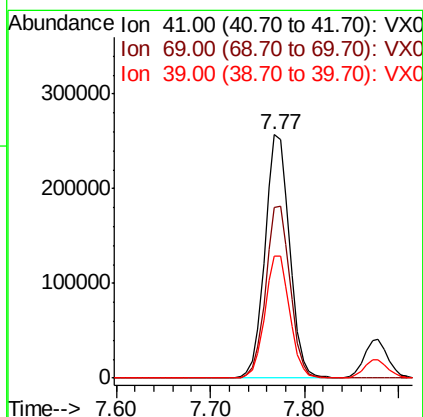
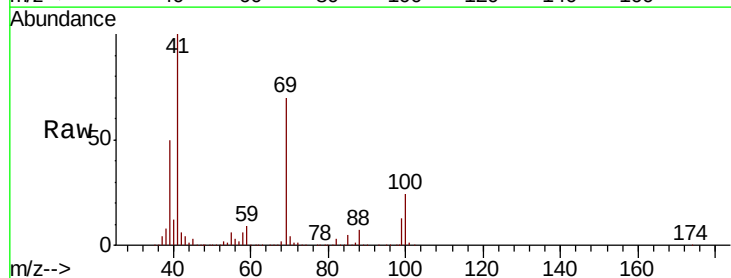
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

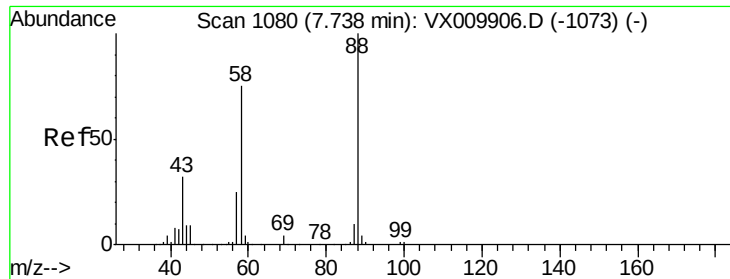
Tot Ion: 83 Resp: 396612
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.2
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 179.829 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 41 Resp: 471906
Ion Ratio Lower Upper
41 100
69 70.4 56.4 84.6
39 50.3 40.6 60.8

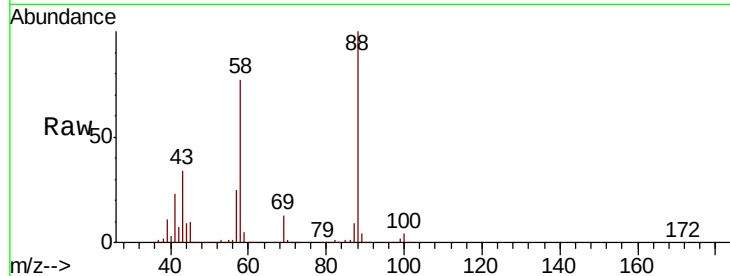




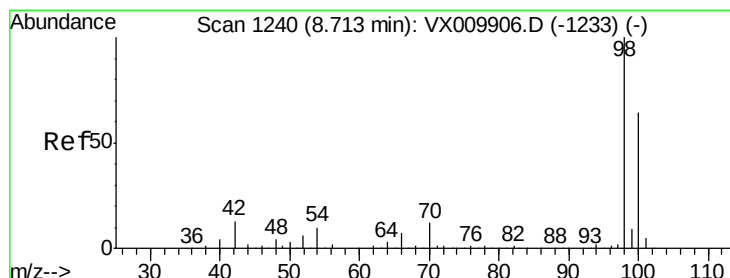
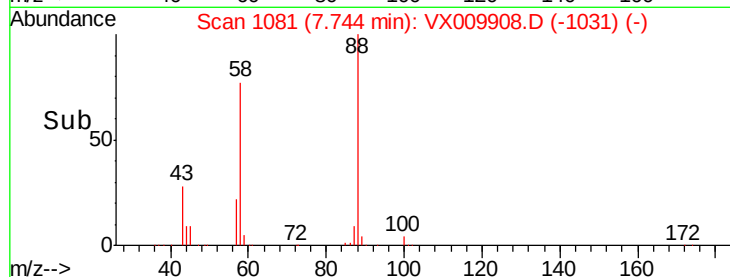
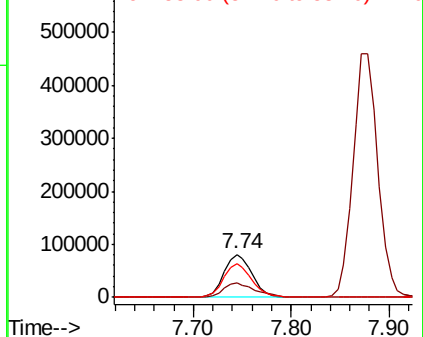
#49
1,4-Dioxane
Concen: 3017.735 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 158444
Ion Ratio Lower Upper
88 100
43 38.0 30.2 45.4
58 79.7 64.0 96.0

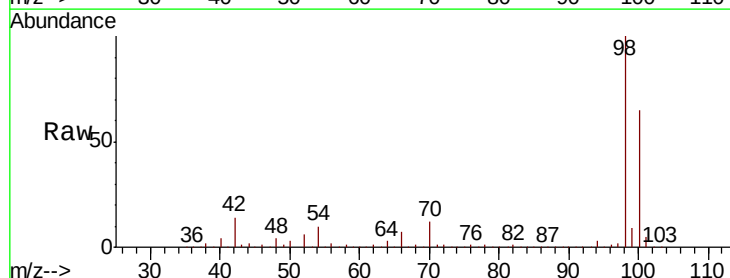


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

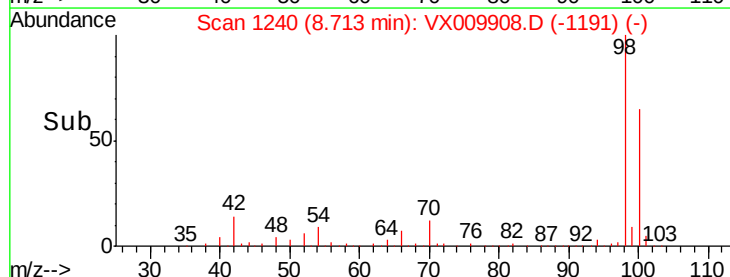
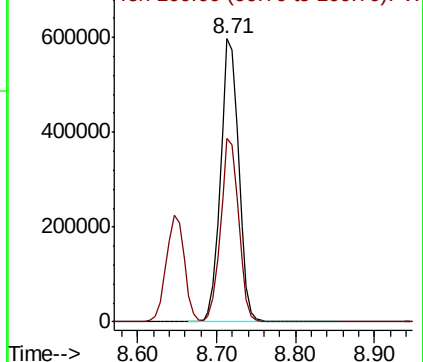


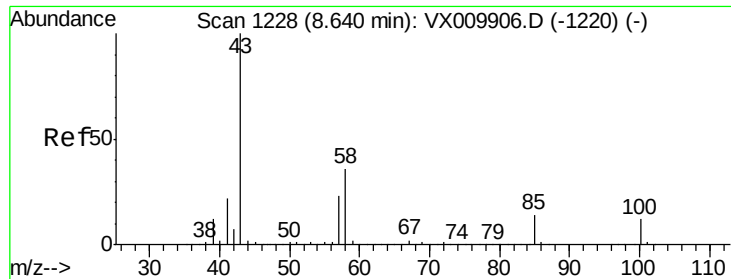
#50
Toluene-d8
Concen: 151.071 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 98 Resp: 954715
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



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: 837.953 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

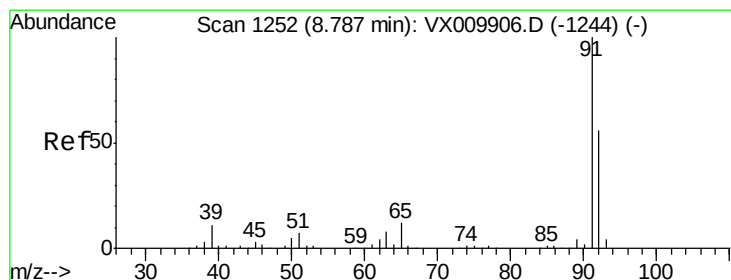
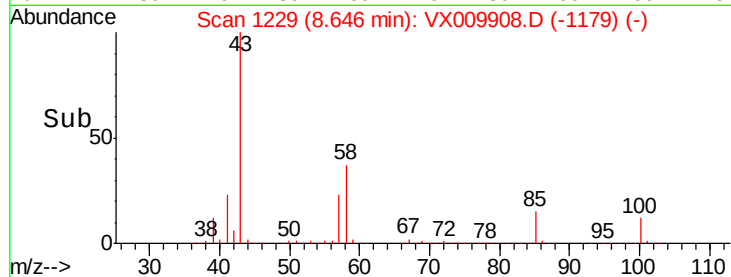
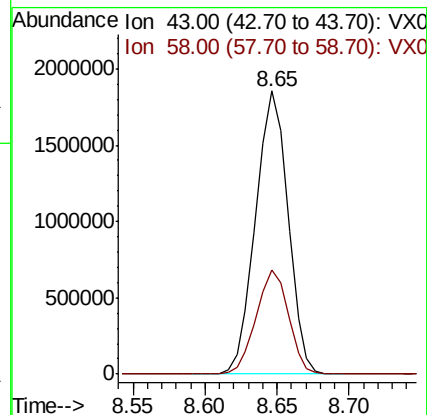
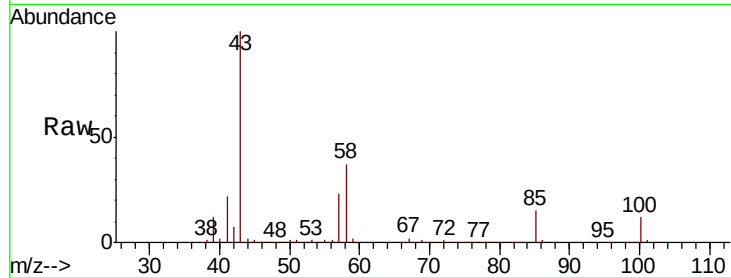
VSTDIC150

Tot Ion: 43 Resp: 2894498

Ion Ratio Lower Upper

43 100

58 36.4 28.8 43.2



#52

Toluene

Concen: 156.407 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009908.D

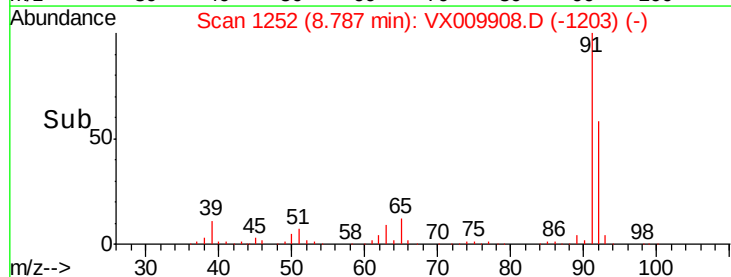
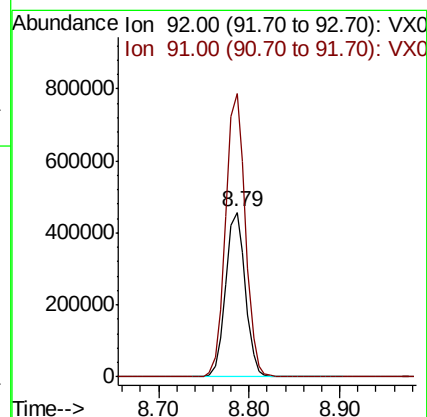
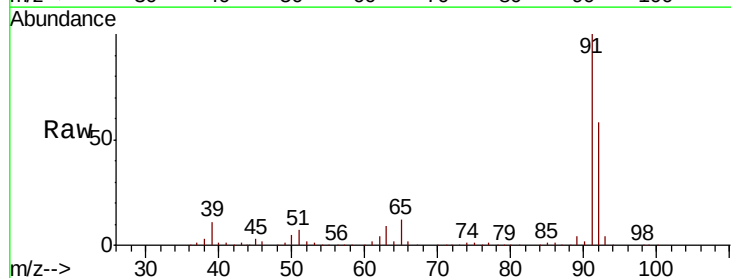
Acq: 28 May 2019 11:54

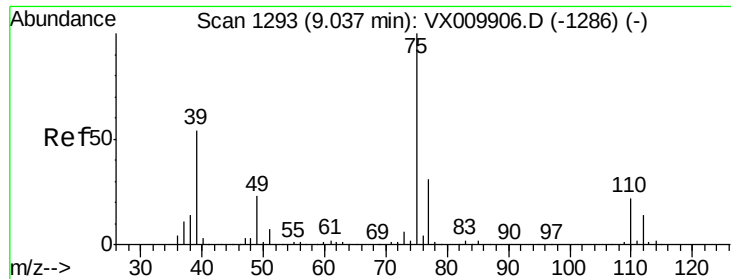
Tgt Ion: 92 Resp: 692285

Ion Ratio Lower Upper

92 100

91 172.8 139.9 209.9

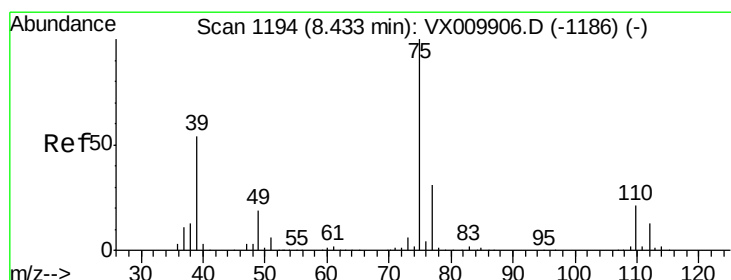
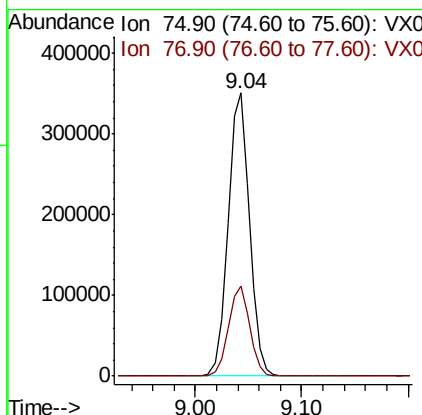
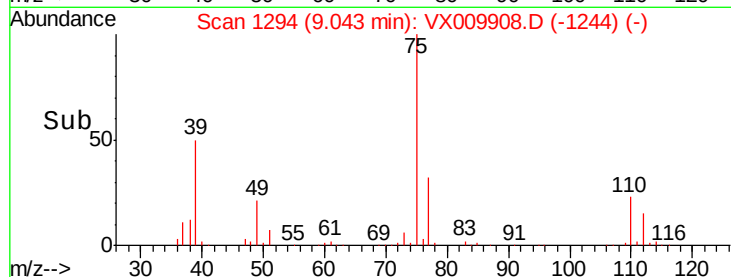
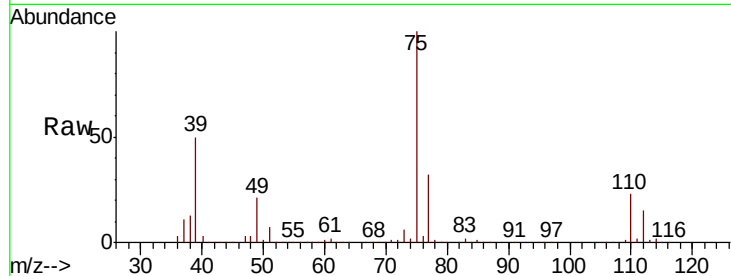




#53
 t-1,3-Dichloropropene
 Concen: 182.101 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

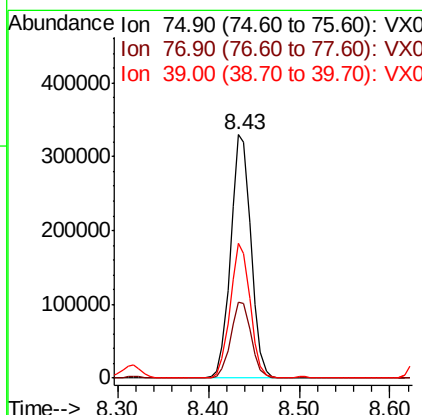
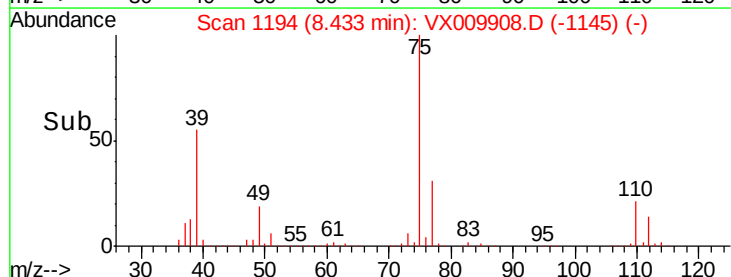
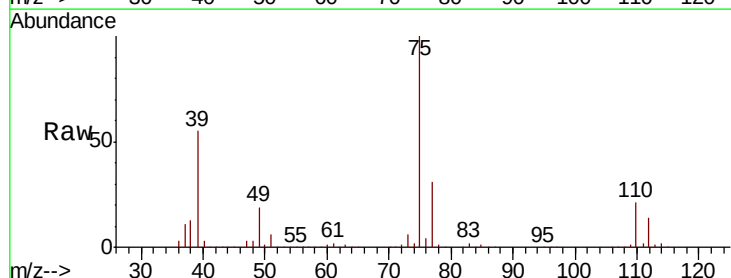
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

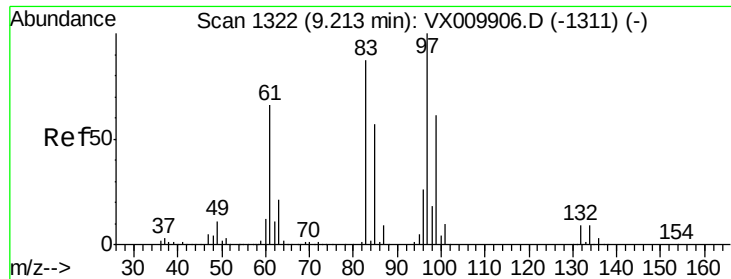
Tot Ion: 75 Resp: 493539
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 173.875 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion: 75 Resp: 519581
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 55.3 43.4 65.0

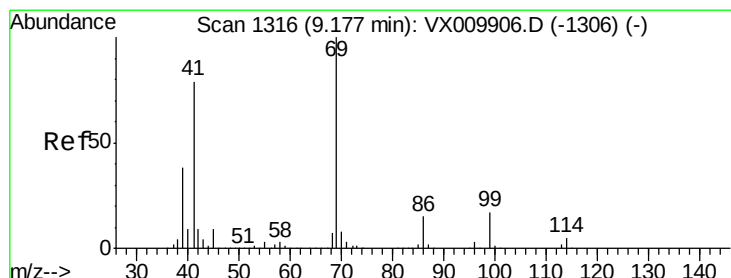
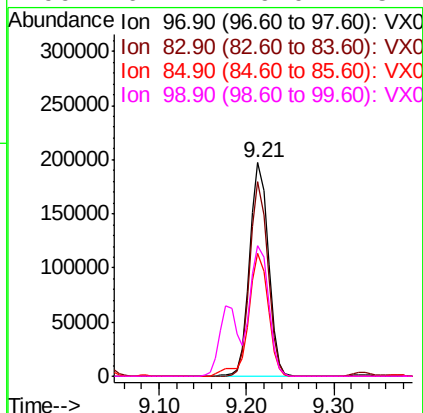
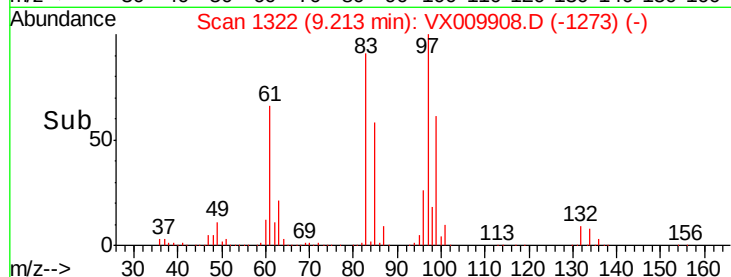
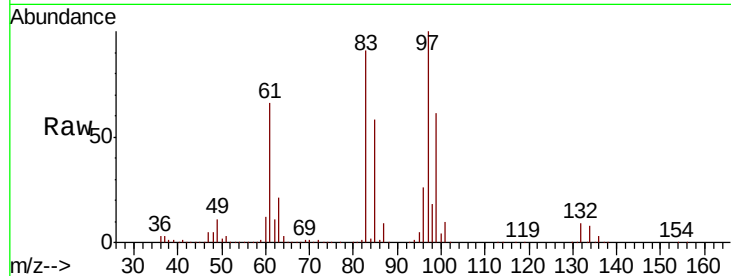




#55
 1,1,2-Trichloroethane
 Concen: 162.003 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

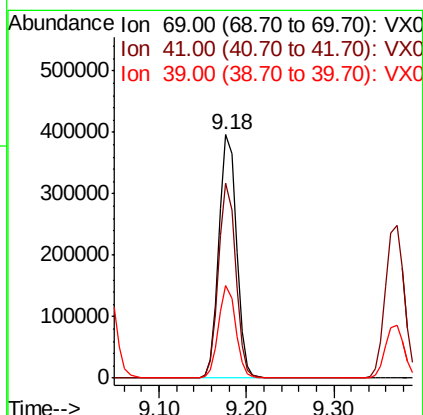
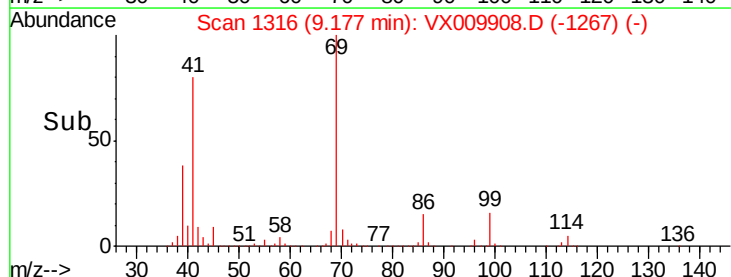
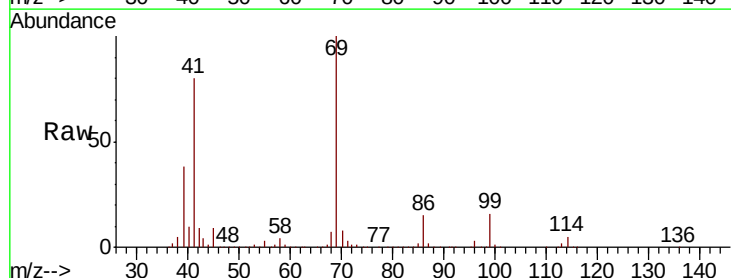
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

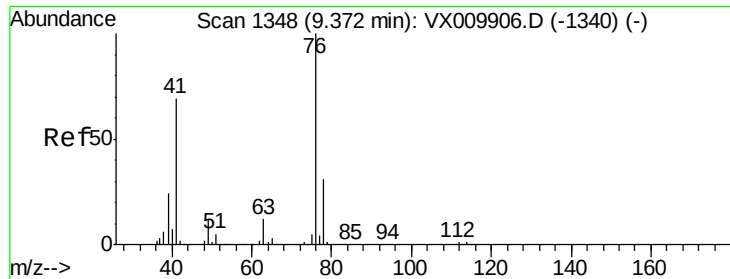
Tot Ion:	97	Resp:	291033
Ion	Ratio	Lower	Upper
97	100		
83	91.1	69.8	104.8
85	57.8	45.3	67.9
99	61.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 170.494 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion:	69	Resp:	550658
Ion	Ratio	Lower	Upper
69	100		
41	78.5	62.7	94.1
39	37.0	29.5	44.3

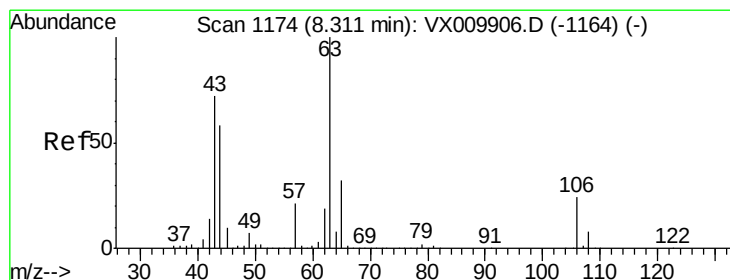
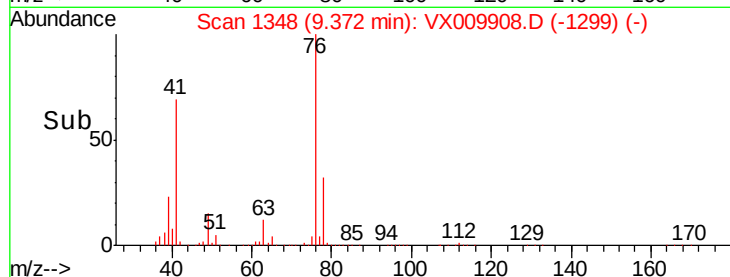
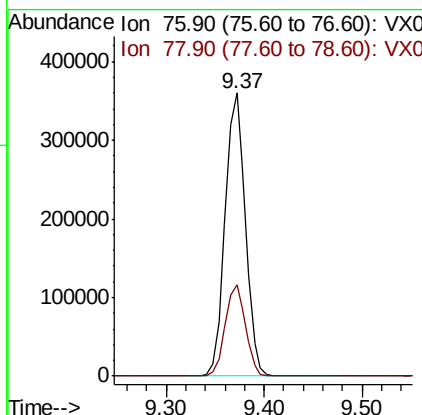
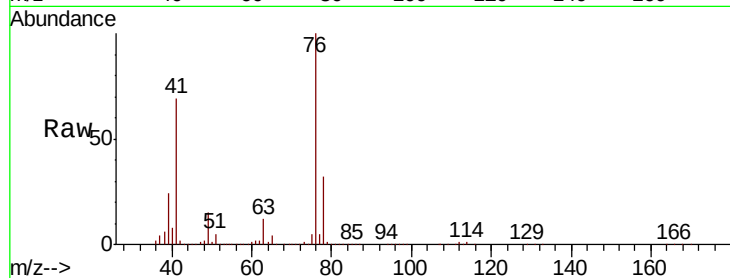




#57
 1,3-Dichloropropane
 Concen: 162.968 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

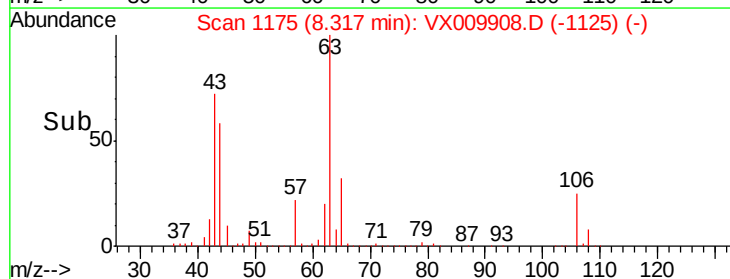
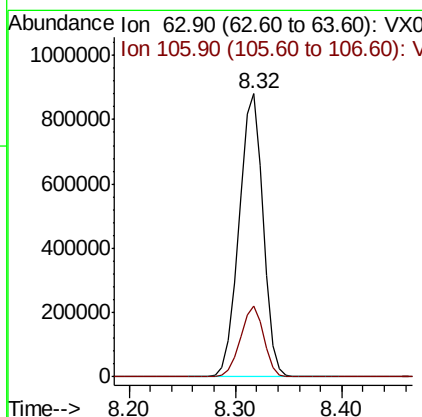
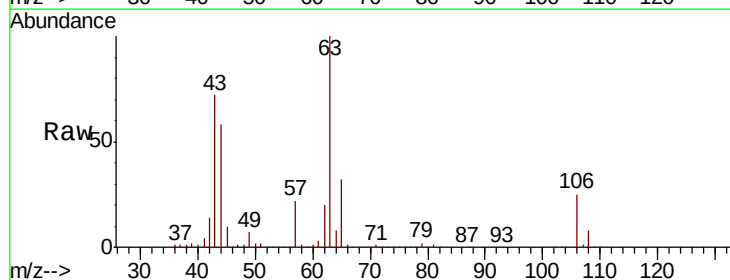
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

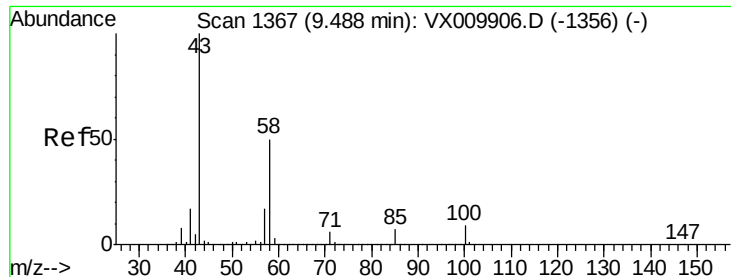
Tot Ion: 76 Resp: 517472
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 821.800 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion: 63 Resp: 1393481
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.4 29.2

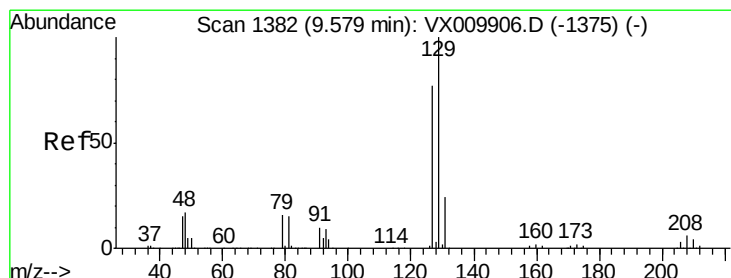
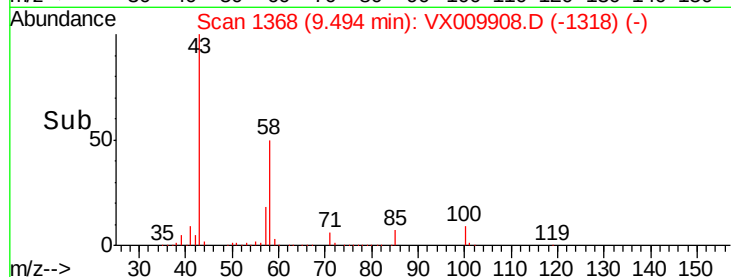
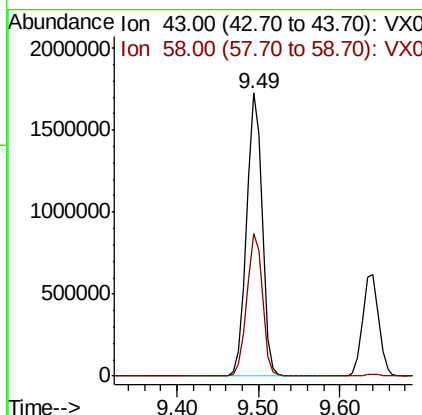
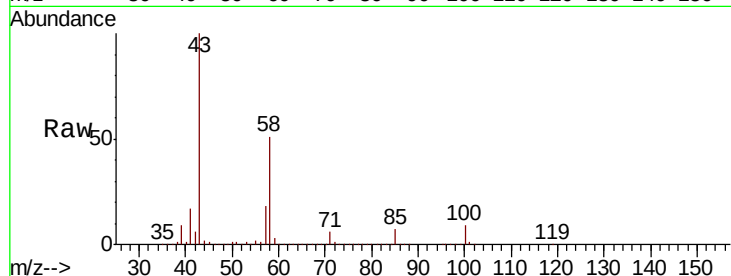




#59
2-Hexanone
Concen: 838.915 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

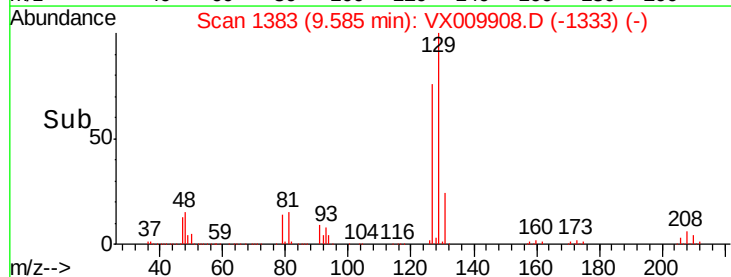
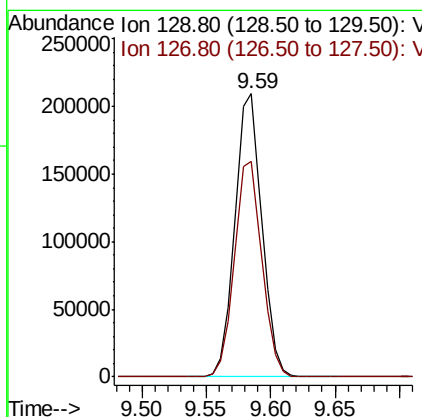
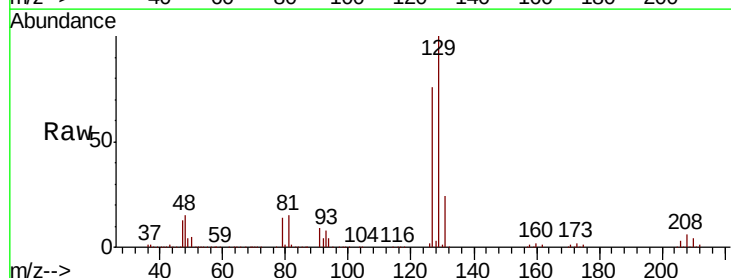
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

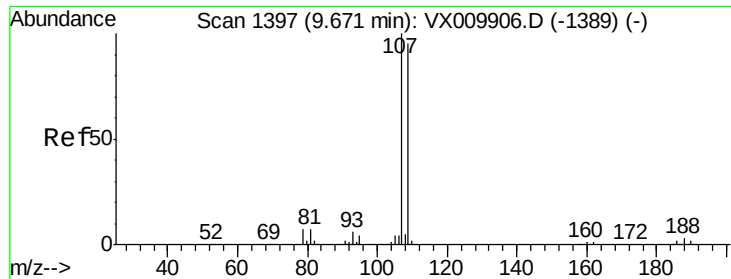
Tot Ion: 43 Resp: 2273836
Ion Ratio Lower Upper
43 100
58 50.6 25.1 75.3



#60
Dibromochloromethane
Concen: 173.235 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 129 Resp: 305124
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 168.376 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

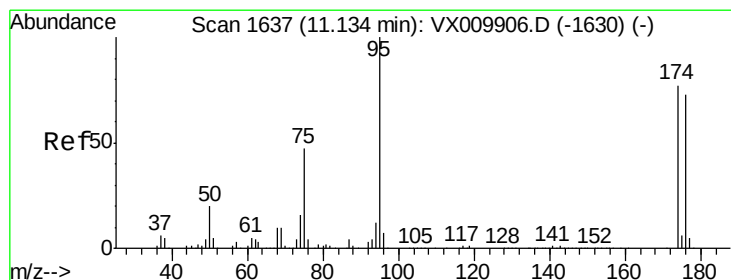
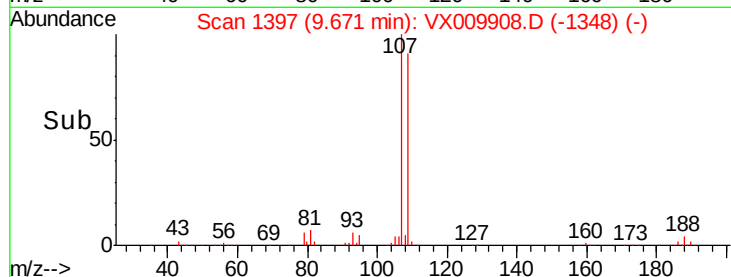
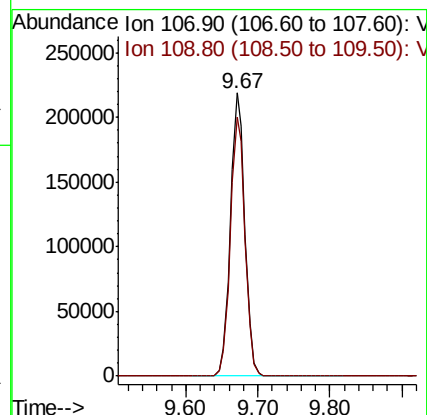
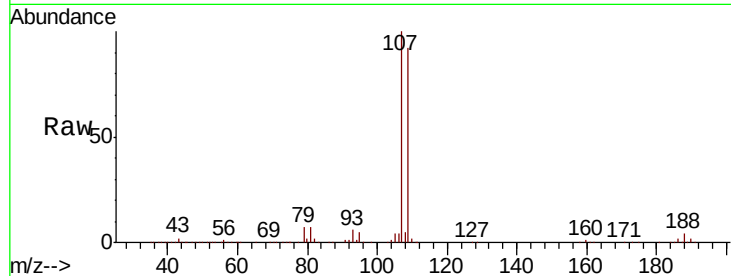
VSTDIC150

Tot Ion:107 Resp: 305835

Ion Ratio Lower Upper

107 100

109 93.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 155.627 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

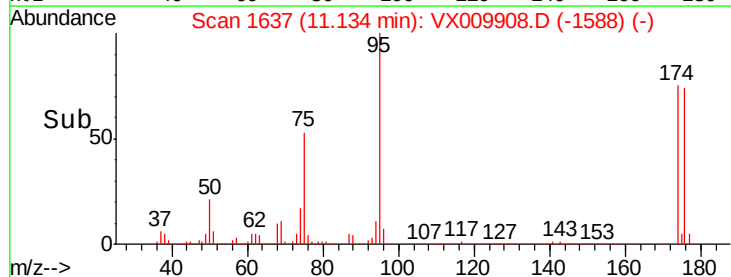
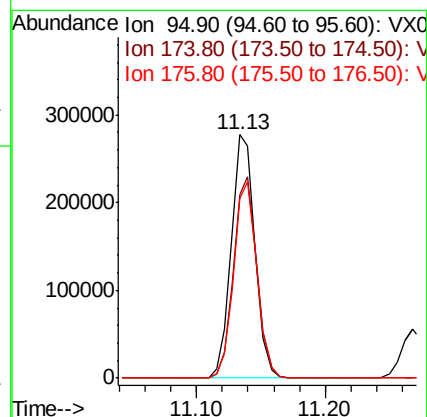
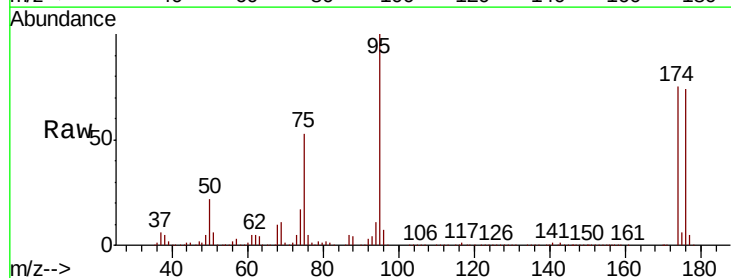
Tgt Ion: 95 Resp: 358290

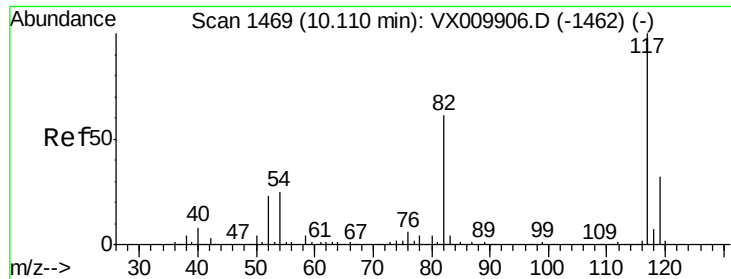
Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.4

176 79.3 0.0 154.6

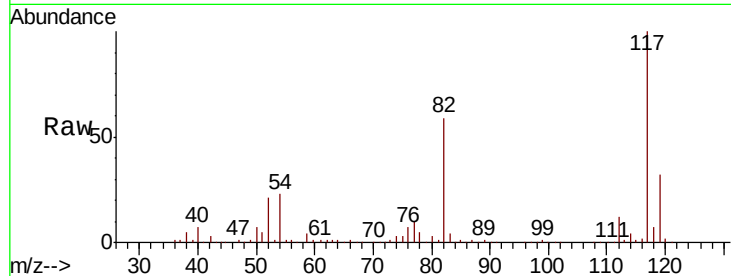




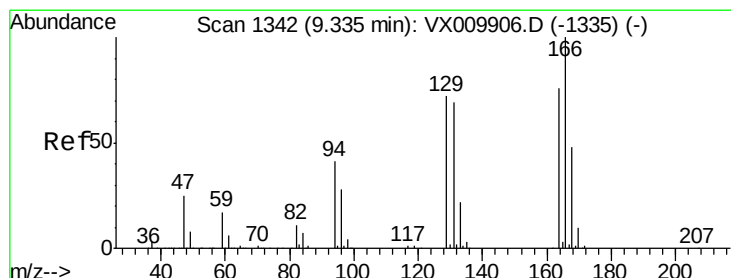
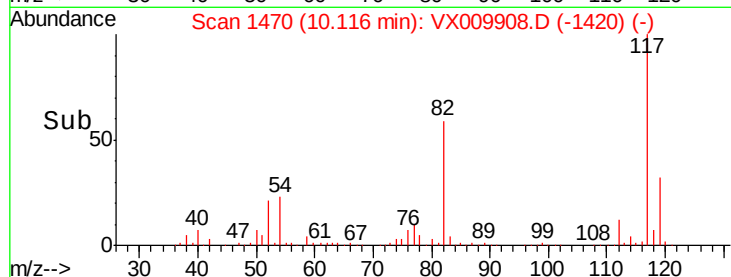
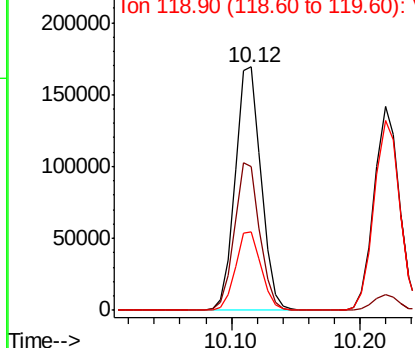
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 236692
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 32.3 25.2 37.8

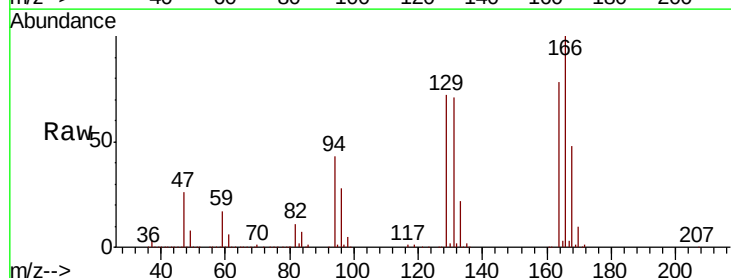


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

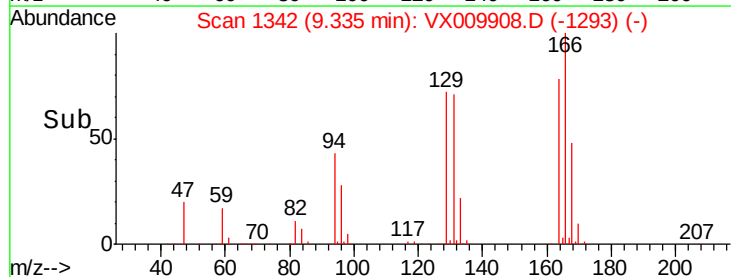
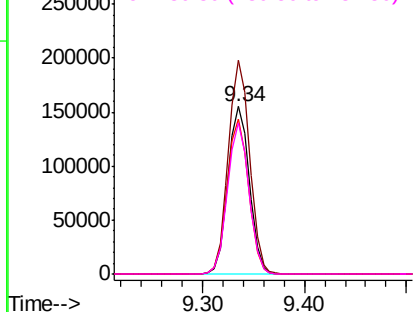


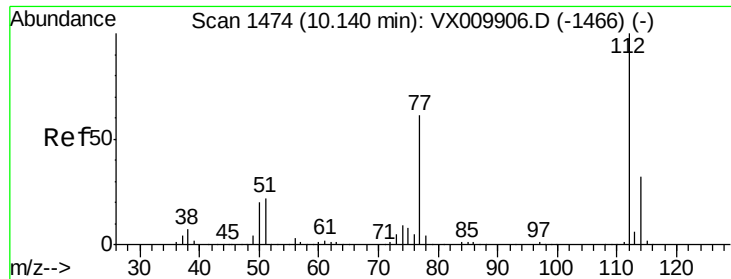
#64
Tetrachloroethene
Concen: 137.246 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion:164 Resp: 224559
Ion Ratio Lower Upper
164 100
166 127.8 105.0 157.4
129 92.5 75.1 112.7
131 90.3 72.2 108.4



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

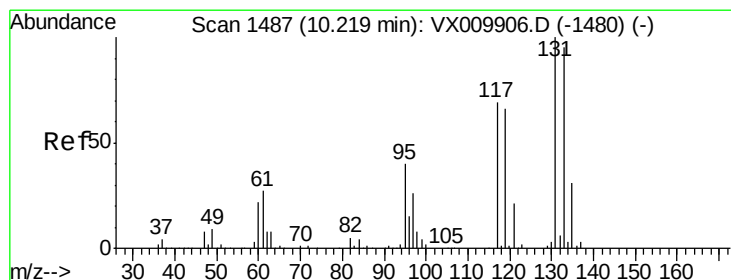
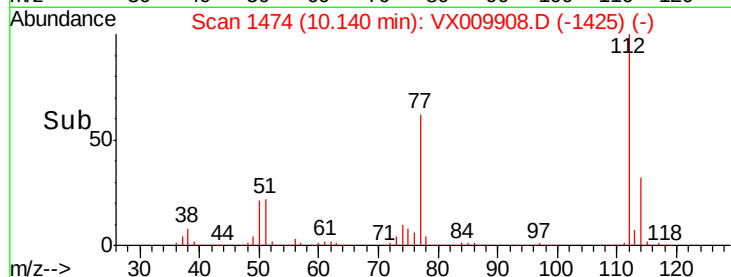
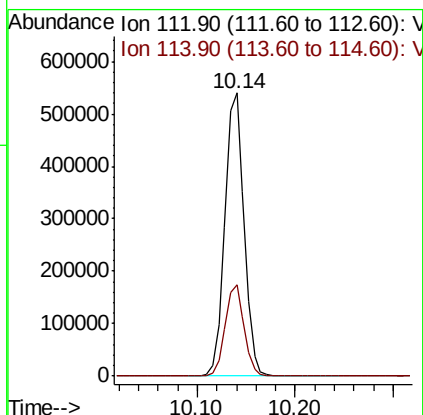
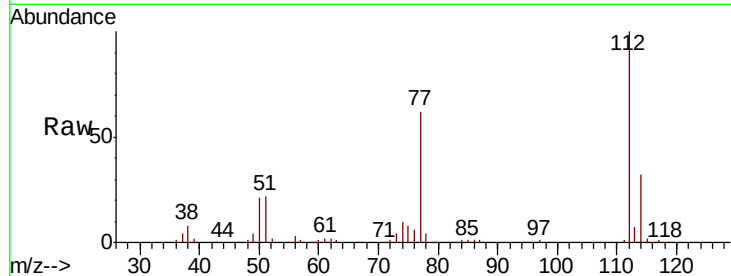




#65
Chlorobenzene
Concen: 153.939 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

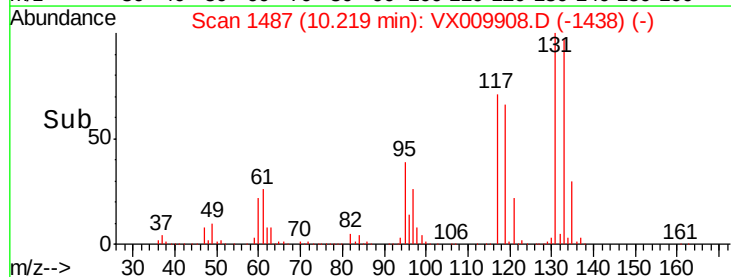
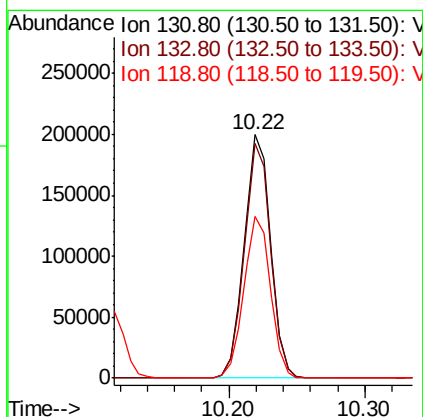
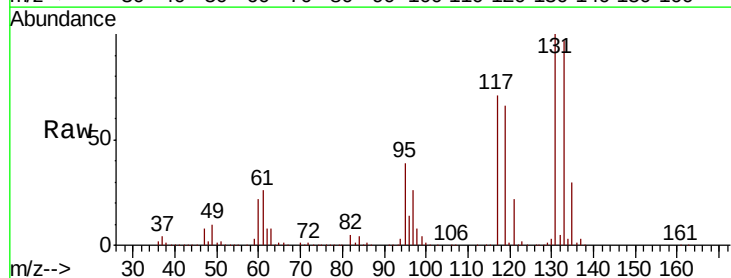
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

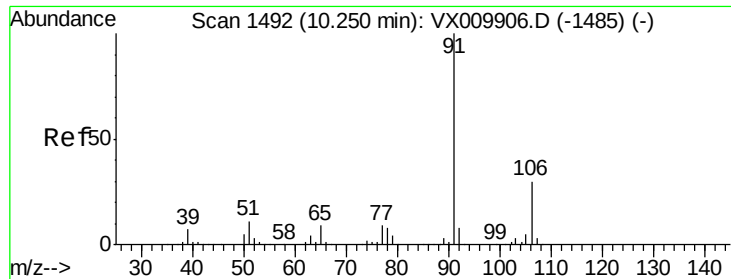
Tot Ion:112 Resp: 733383
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 157.238 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion:131 Resp: 271227
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 66.8 33.4 100.1

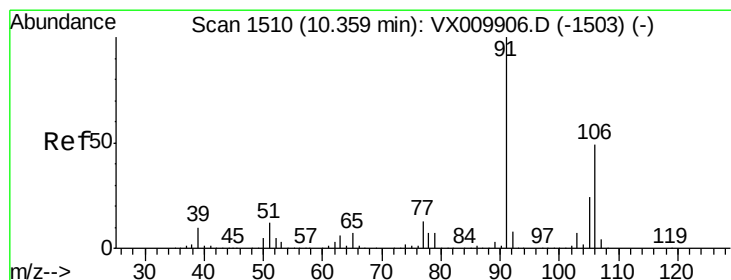
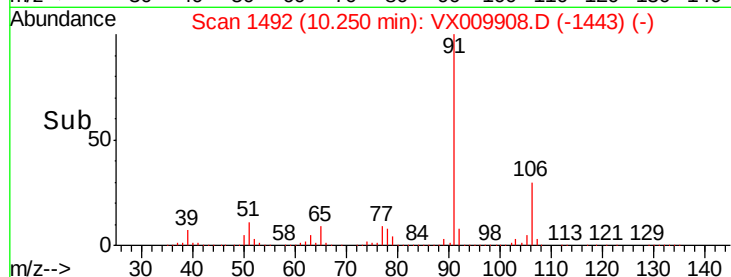
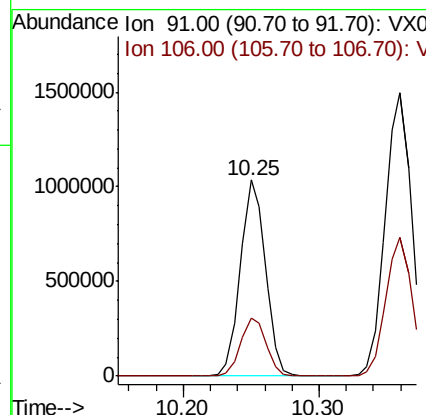
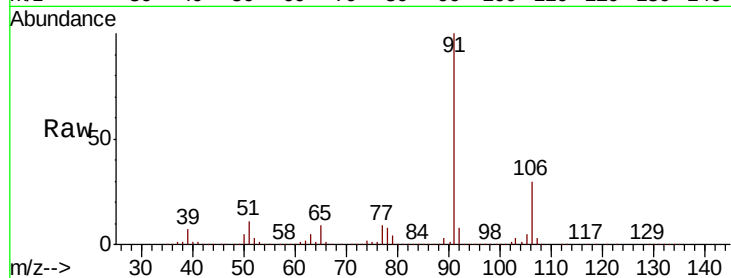




#67
Ethyl Benzene
Concen: 152.270 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

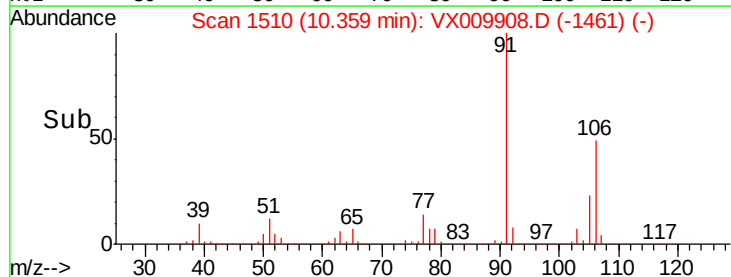
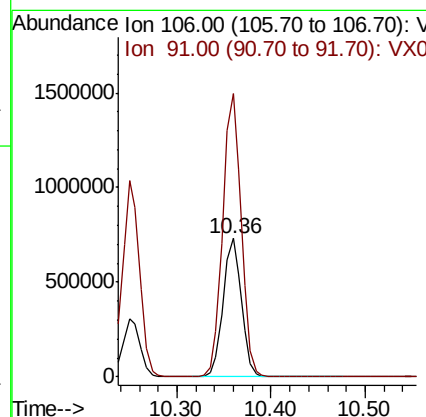
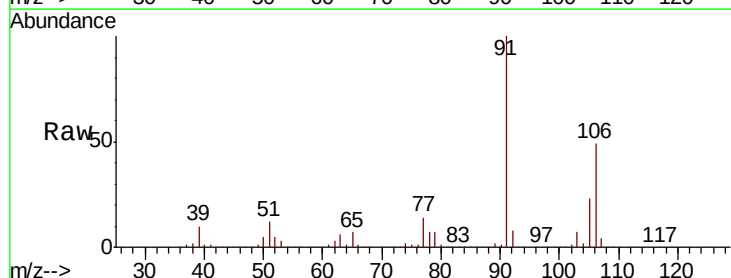
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

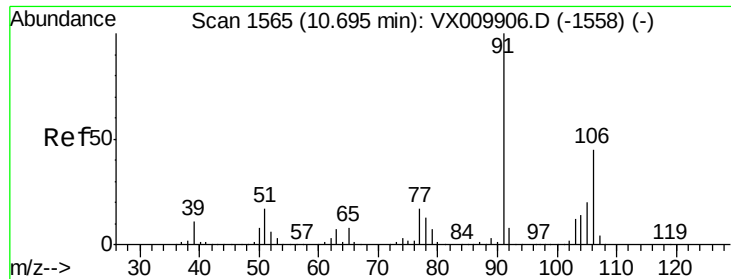
Tot Ion: 91 Resp: 133517
Ion Ratio Lower Upper
91 100
106 29.6 23.9 35.9



#68
m/p-Xylenes
Concen: 307.012 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion: 106 Resp: 984963
Ion Ratio Lower Upper
106 100
91 206.4 167.3 250.9

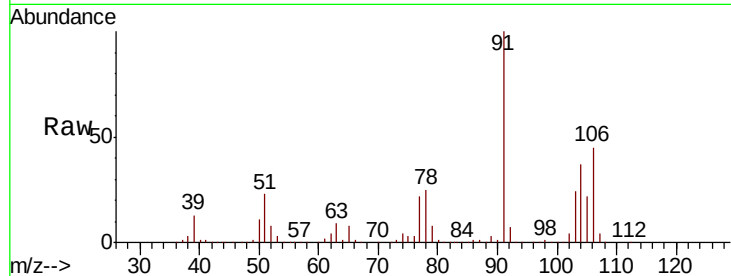




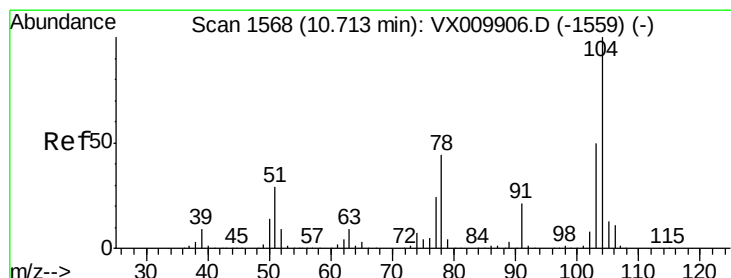
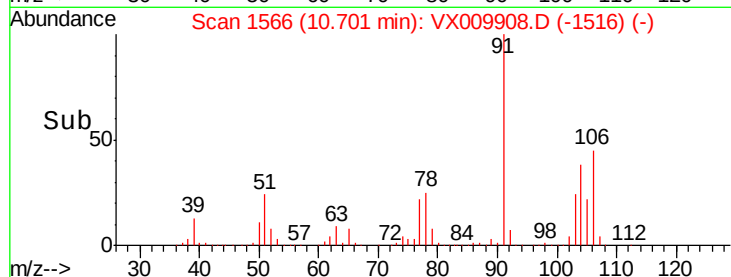
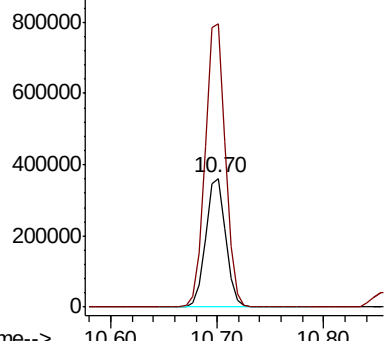
#69
o-Xylene
Concen: 151.122 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 478058
Ion Ratio Lower Upper
106 100
91 221.8 110.4 331.2

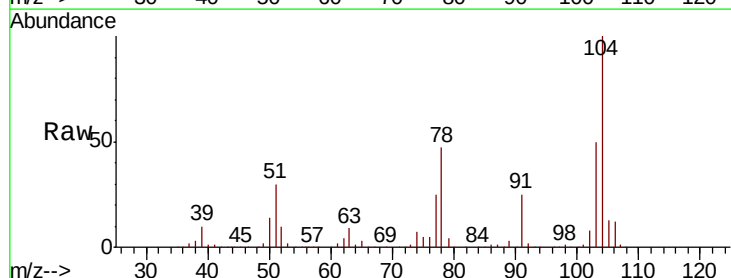


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

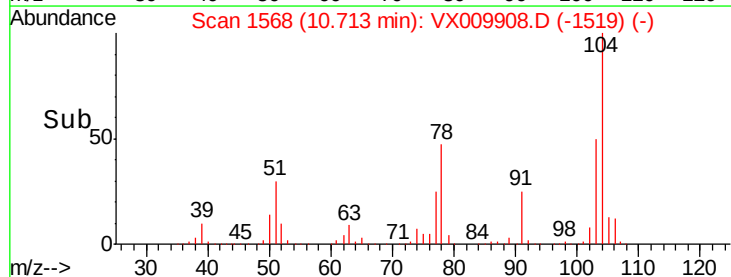
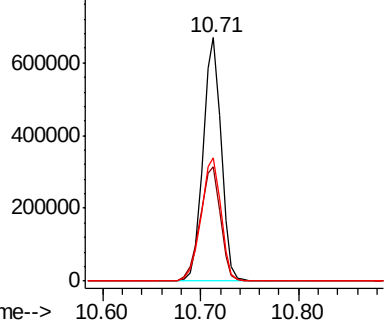


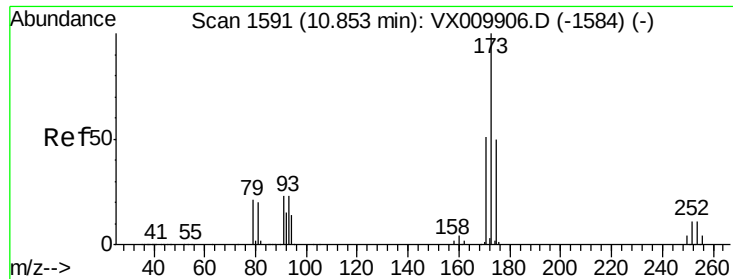
#70
Styrene
Concen: 156.888 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion:104 Resp: 860404
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 55.5 44.1 66.1



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: 171.138 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

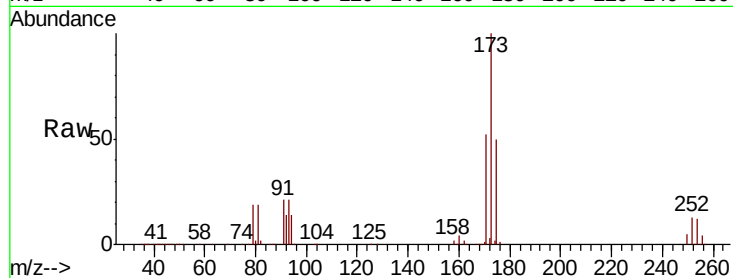
Tot Ion:173 Resp: 240270

Ion Ratio Lower Upper

173 100

175 49.1 25.0 75.0

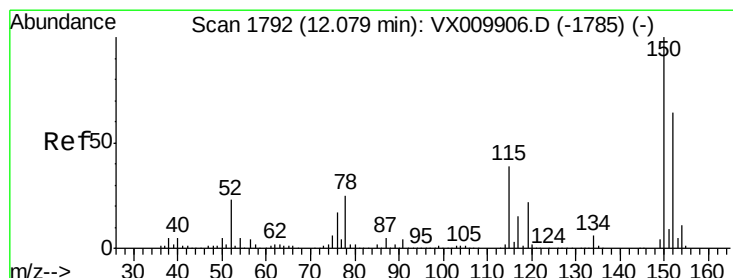
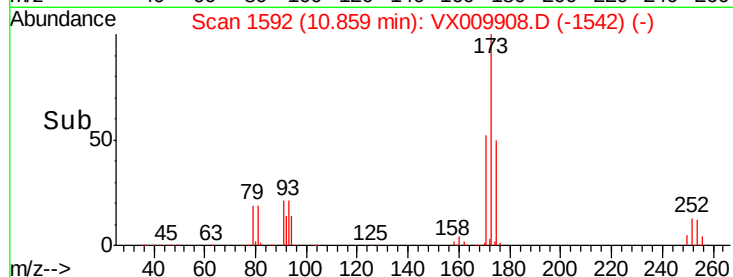
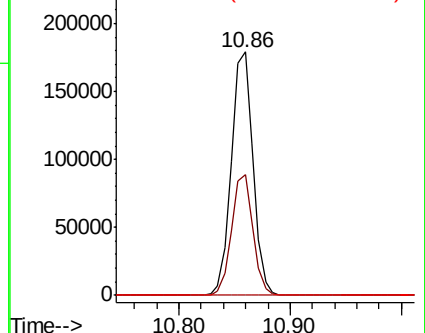
254 0.2 0.2 0.2#



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: VX009908.D

Acq: 28 May 2019 11:54

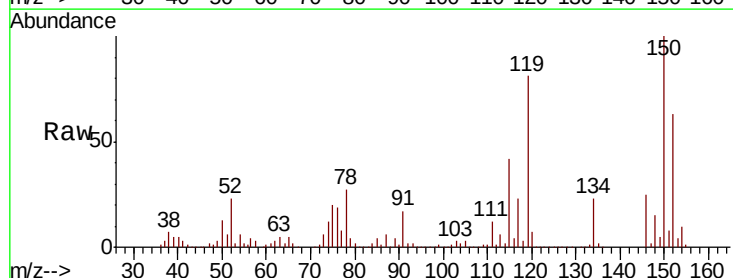
Tgt Ion:152 Resp: 118268

Ion Ratio Lower Upper

152 100

115 127.3 41.4 124.2#

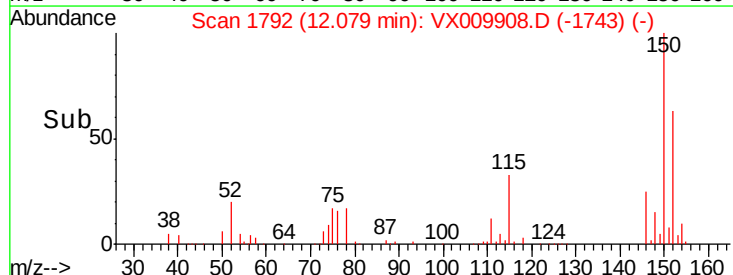
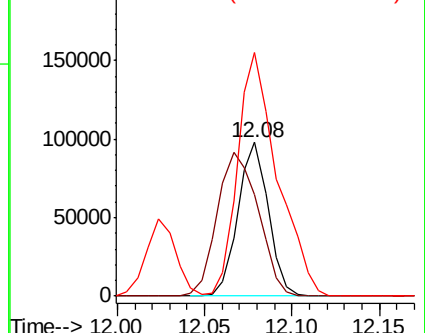
150 207.3 0.0 345.2

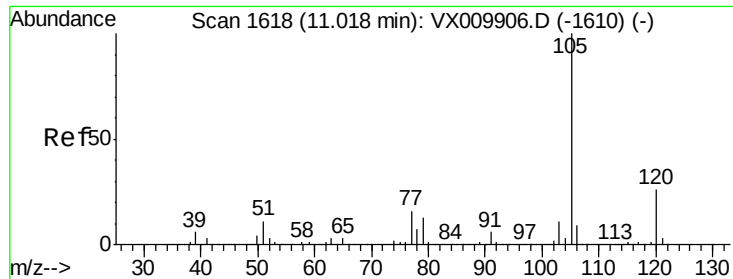


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 142.106 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

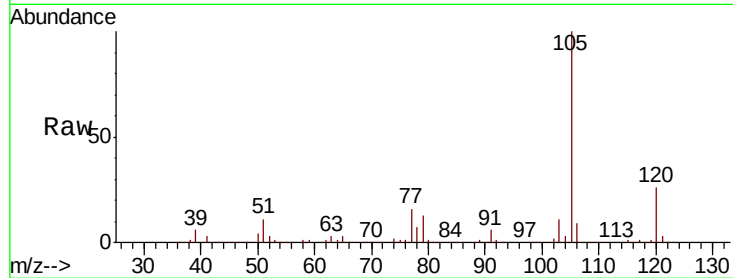
VSTDIC150

Tot Ion:105 Resp: 1229742

Ion Ratio Lower Upper

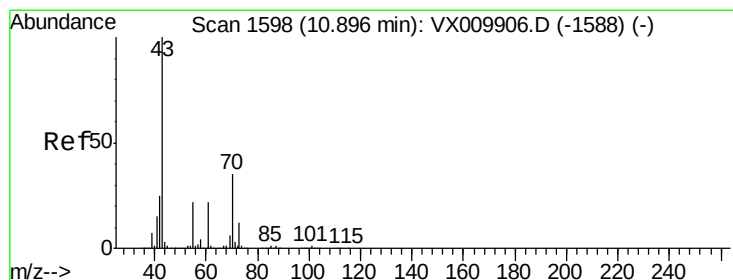
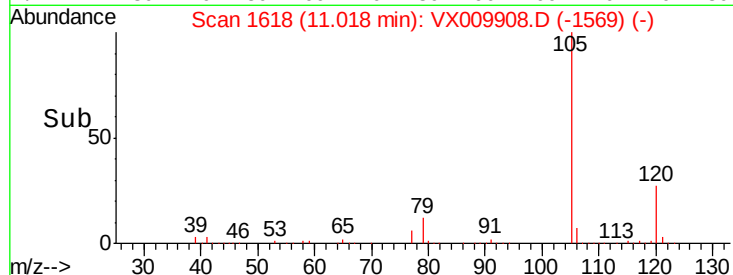
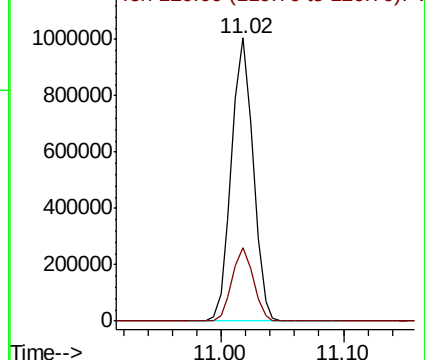
105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 166.138 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Tgt Ion: 43 Resp: 841132

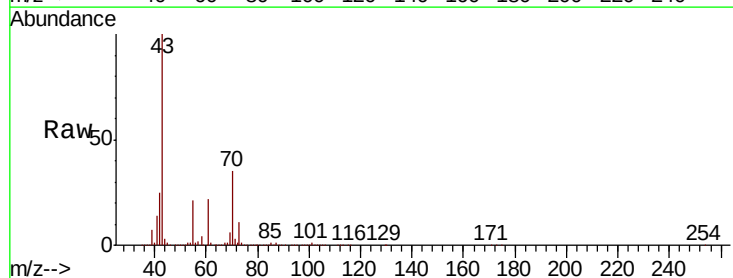
Ion Ratio Lower Upper

43 100

70 35.9 28.6 43.0

55 21.5 17.8 26.8

61 22.2 17.7 26.5

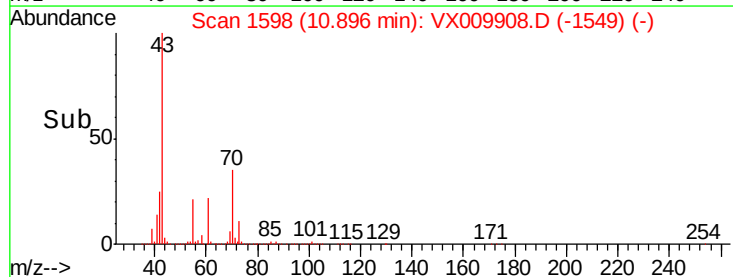
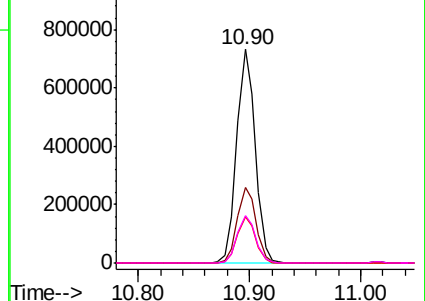


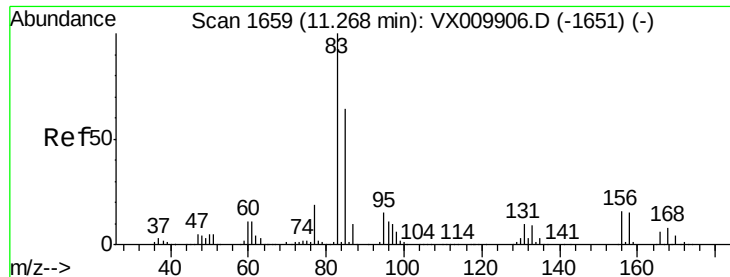
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 151.505 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

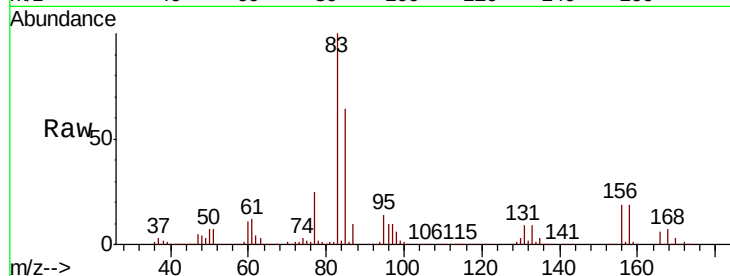
Tot Ion: 83 Resp: 486426

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.1

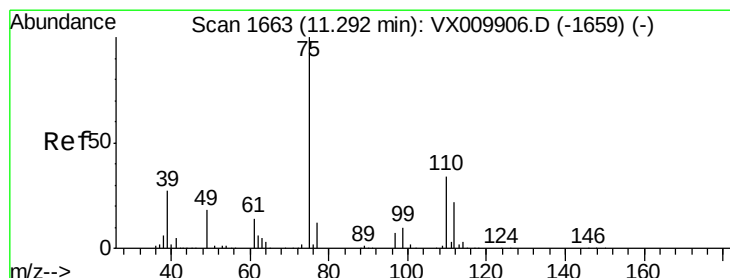
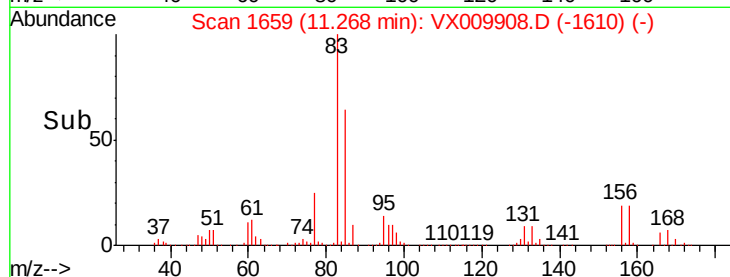
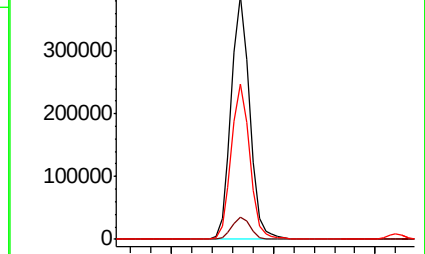
85 63.8 31.9 95.9



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: 218.275 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX009908.D

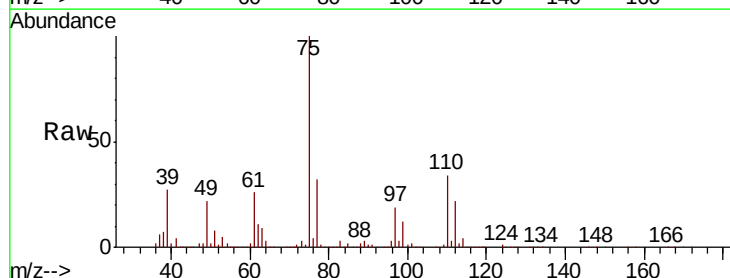
Acq: 28 May 2019 11:54

Tgt Ion: 75 Resp: 602823

Ion Ratio Lower Upper

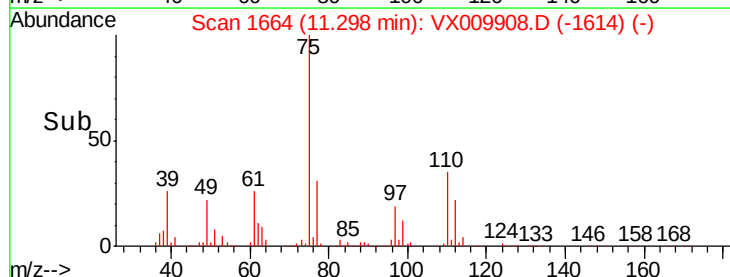
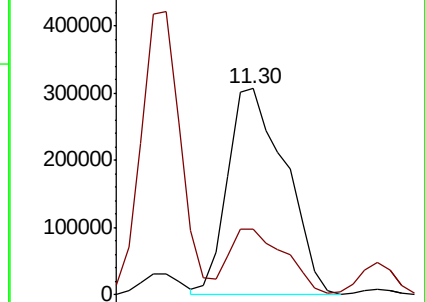
75 100

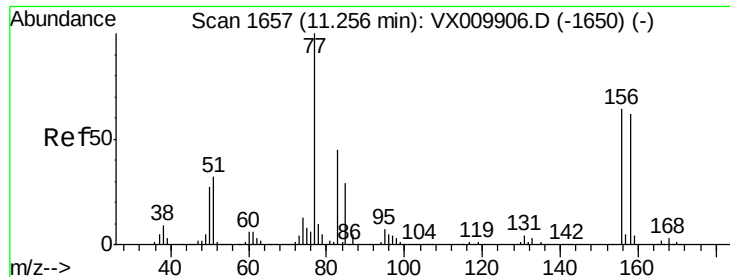
77 30.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 150.191 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

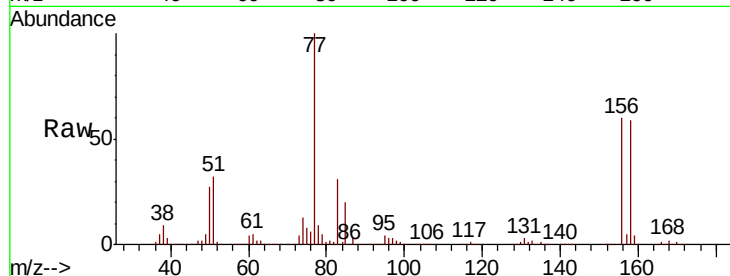
Tot Ion:156 Resp: 322221

Ion Ratio Lower Upper

156 100

77 176.4 86.8 260.3

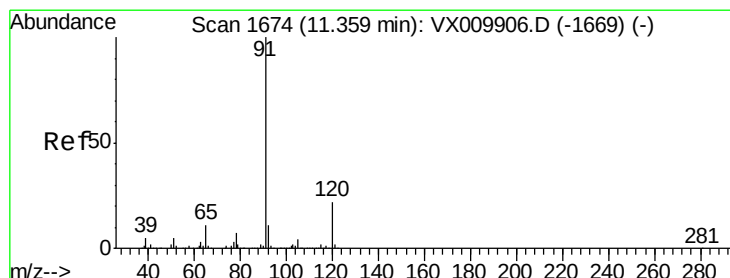
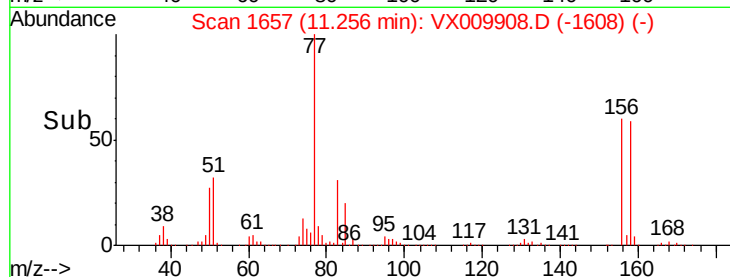
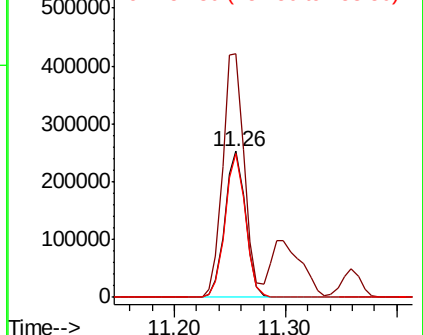
158 97.3 49.6 148.8



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: 145.586 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009908.D

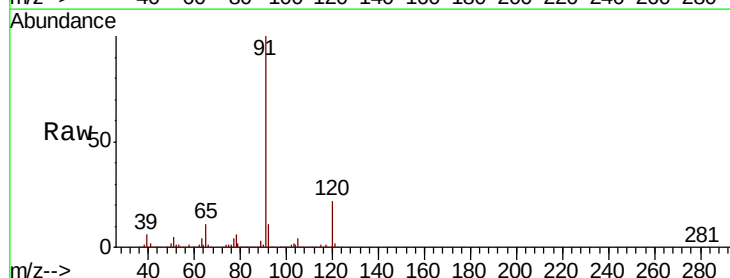
Acq: 28 May 2019 11:54

Tgt Ion: 91 Resp: 1441520

Ion Ratio Lower Upper

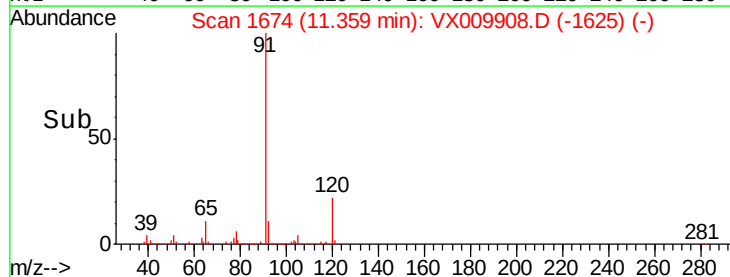
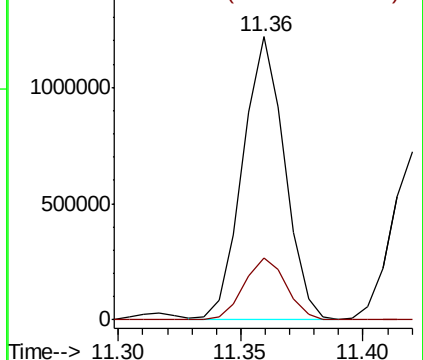
91 100

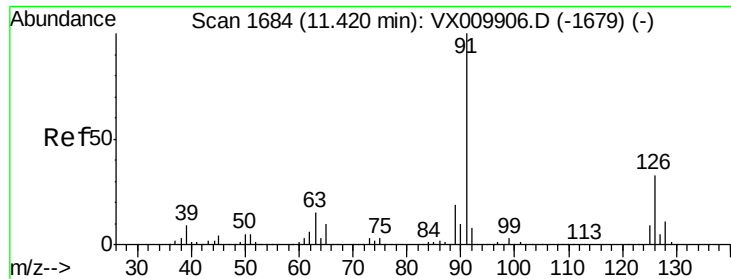
120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

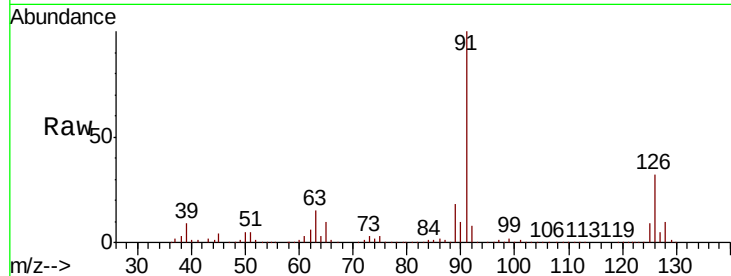




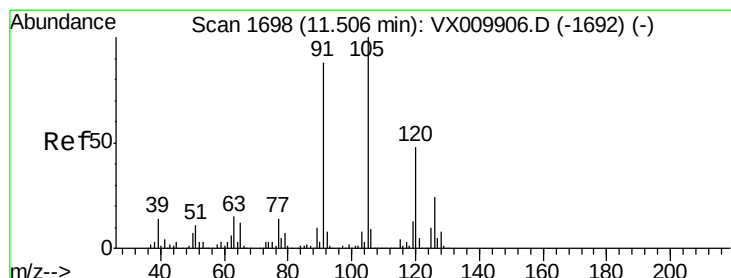
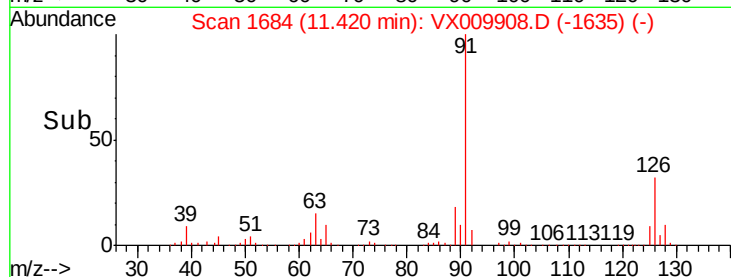
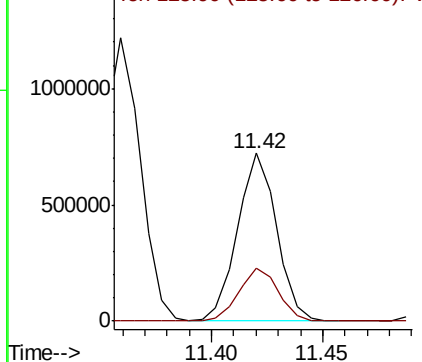
#79
 2-Chlorotoluene
 Concen: 144.042 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 880351
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.3

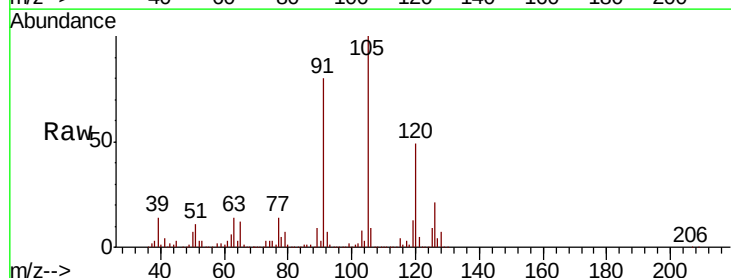


Abundance Ion 91.00 (90.70 to 91.70): VX009908.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX009908.D (-1679) (-)

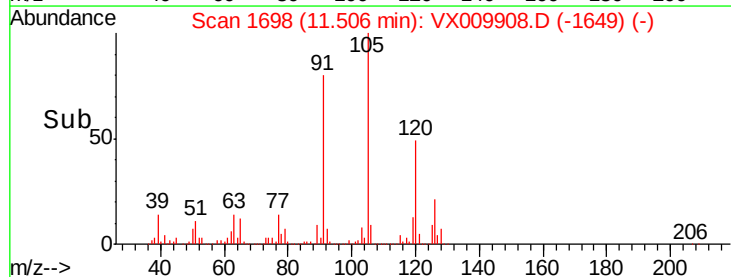
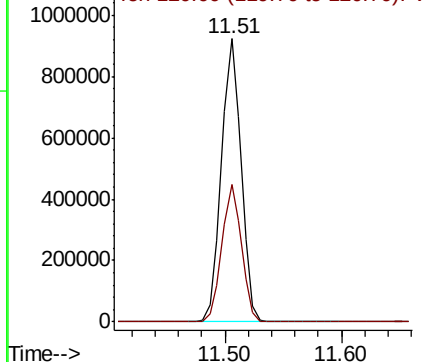


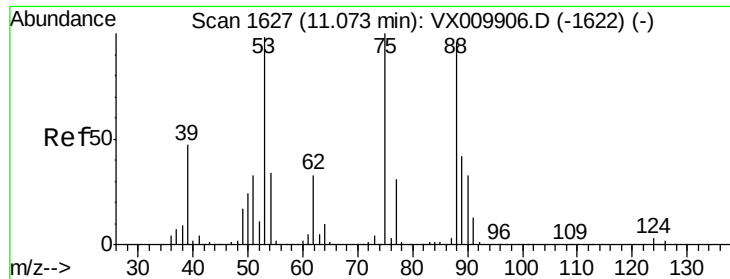
#80
 1,3,5-Trimethylbenzene
 Concen: 147.136 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion: 105 Resp: 1073596
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX009908.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX009908.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 175.757 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

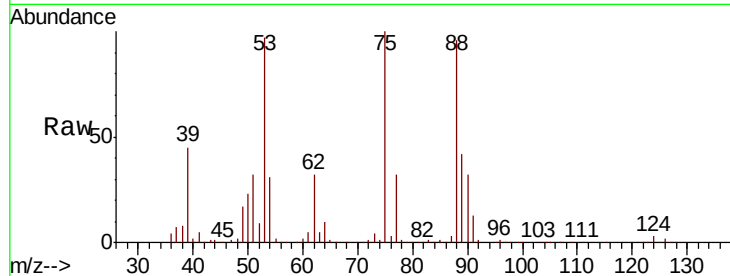
Tot Ion: 75 Resp: 190710

Ion Ratio Lower Upper

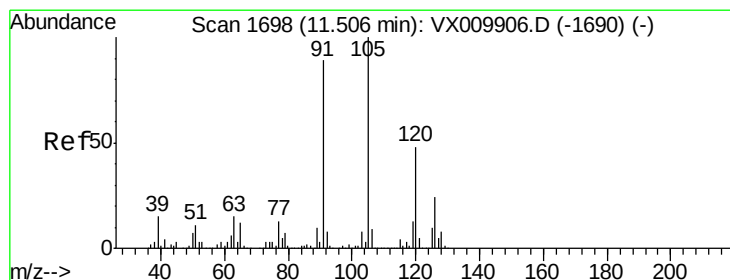
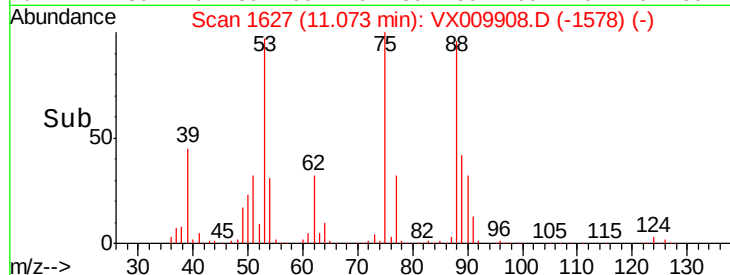
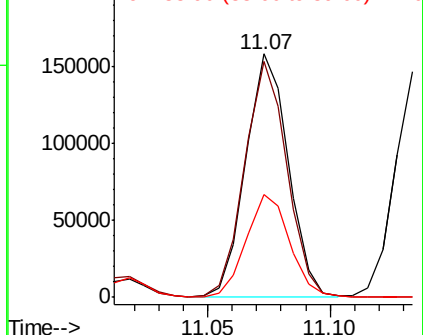
75 100

53 96.2 79.8 119.6

89 43.3 34.2 51.4



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: 150.596 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009908.D

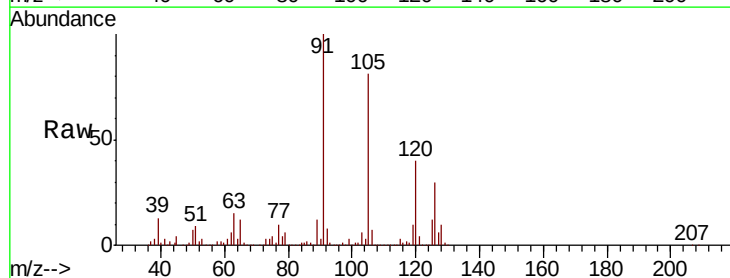
Acq: 28 May 2019 11:54

Tgt Ion: 91 Resp: 1040755

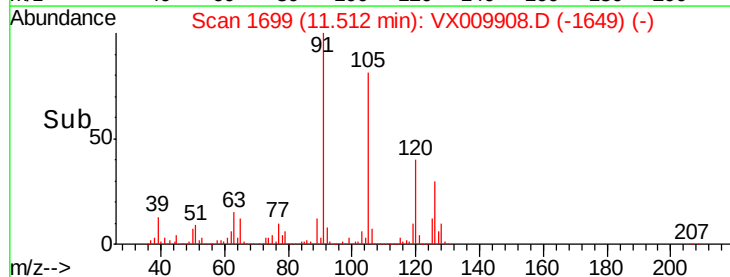
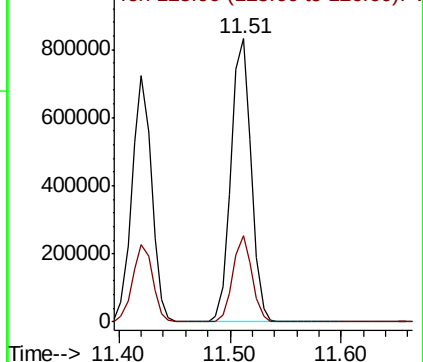
Ion Ratio Lower Upper

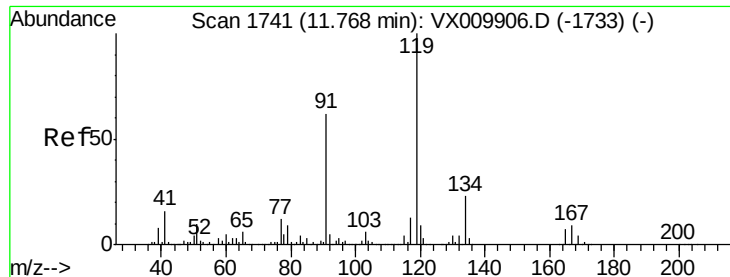
91 100

126 29.0 14.2 42.6



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

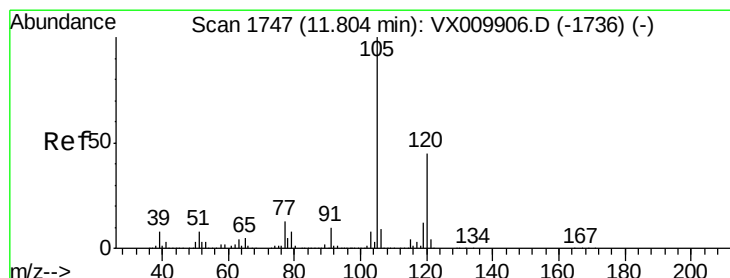
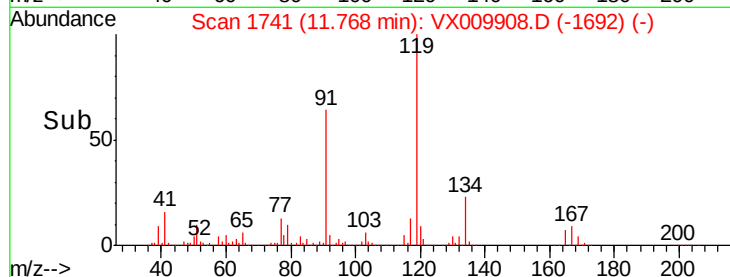
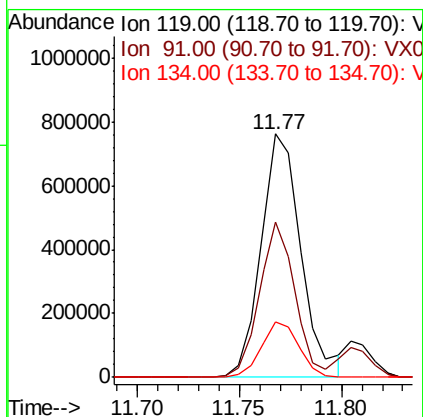
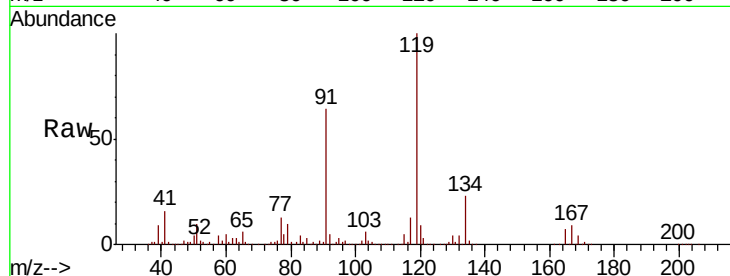




#83
 tert-Butylbenzene
 Concen: 146.742 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

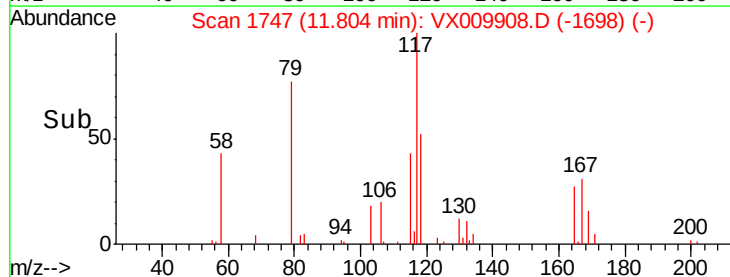
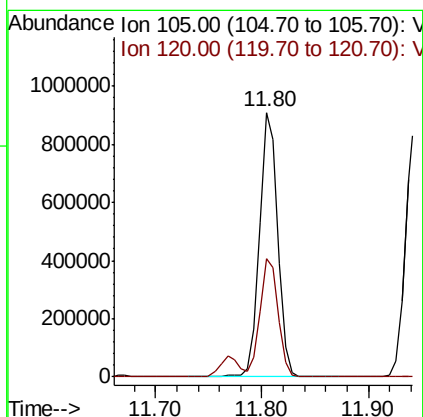
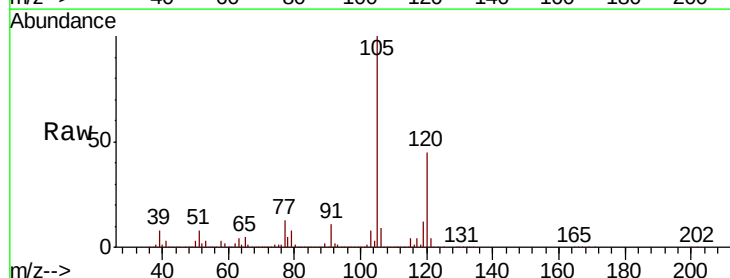
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

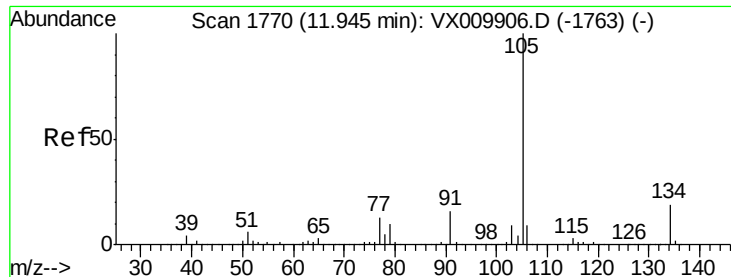
Tot Ion:119 Resp: 1039702
 Ion Ratio Lower Upper
 119 100
 91 56.8 30.0 90.0
 134 21.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 148.934 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion:105 Resp: 1090880
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 138.624 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

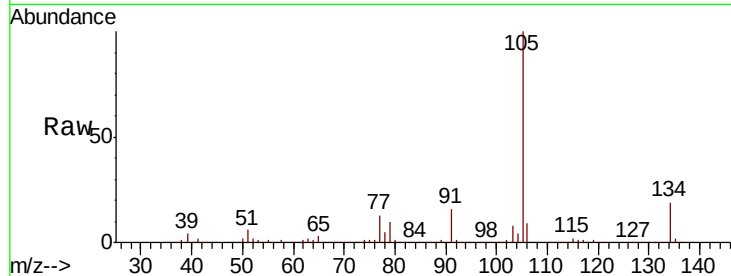
VSTDIC150

Tot Ion:105 Resp: 1164803

Ion Ratio Lower Upper

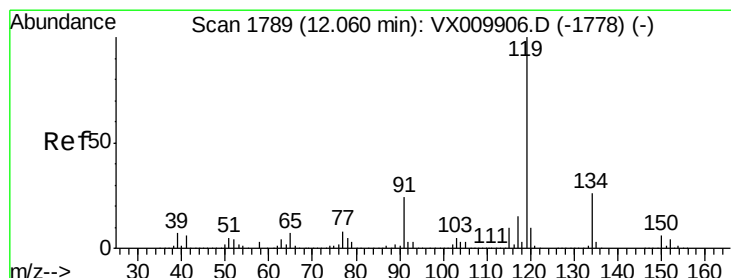
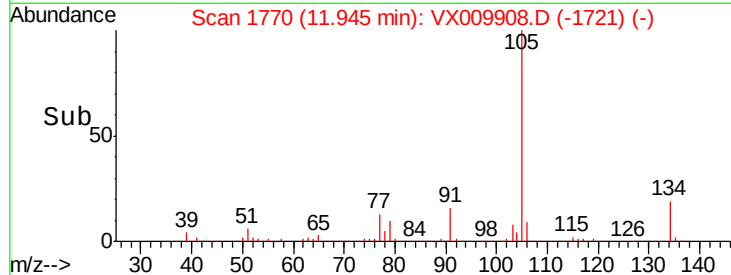
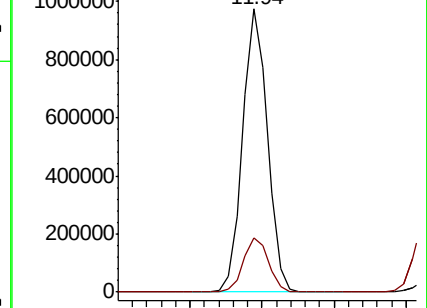
105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 144.204 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

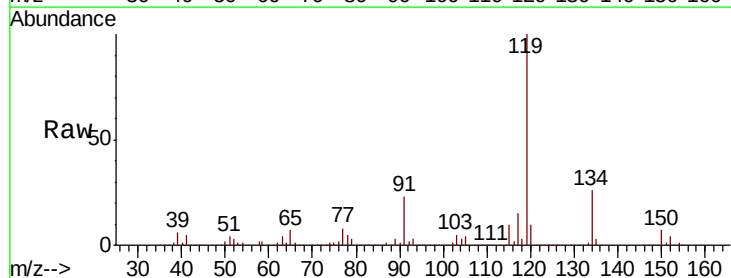
Tgt Ion:119 Resp: 1090488

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

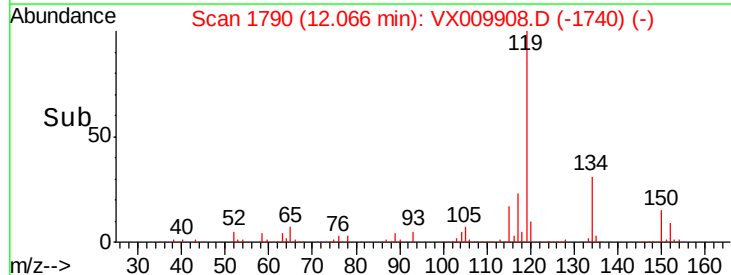
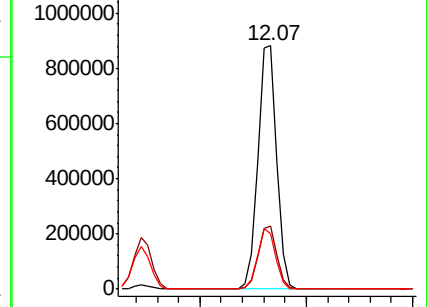
91 24.0 11.9 35.9

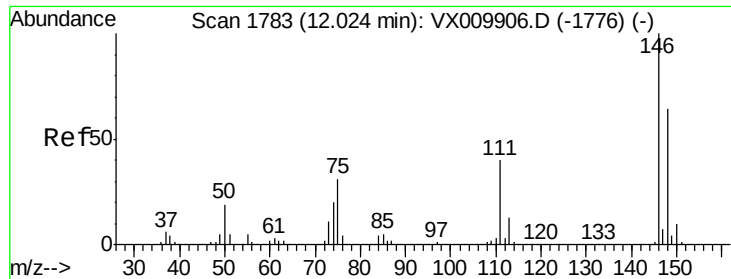


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 151.405 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

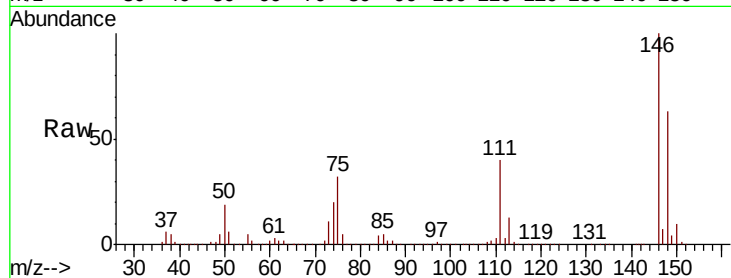
Tot Ion:146 Resp: 578719

Ion Ratio Lower Upper

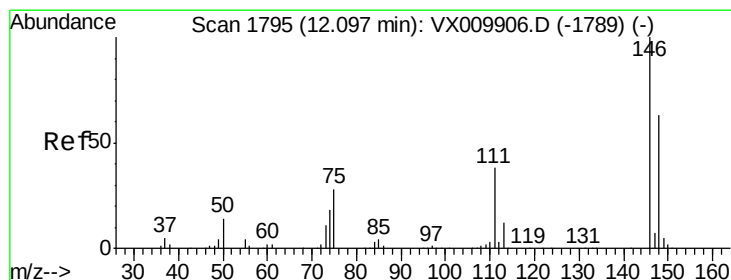
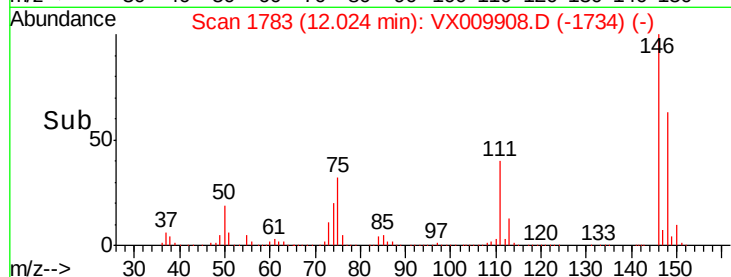
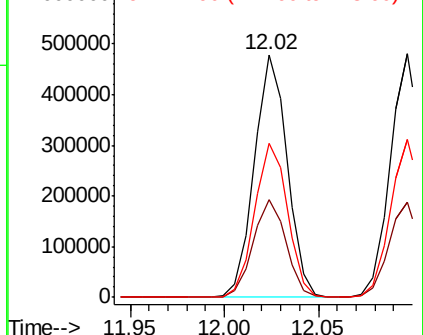
146 100

111 40.3 20.1 60.2

148 63.7 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 149.906 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

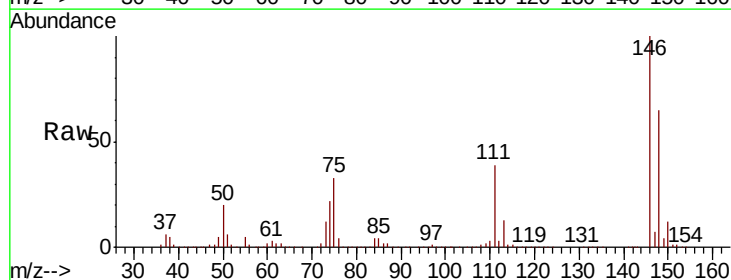
Tgt Ion:146 Resp: 577959

Ion Ratio Lower Upper

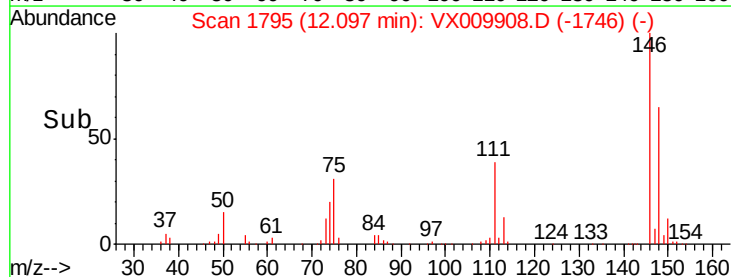
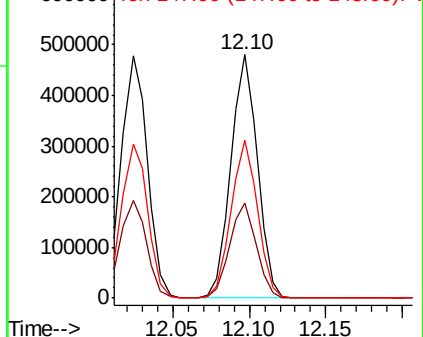
146 100

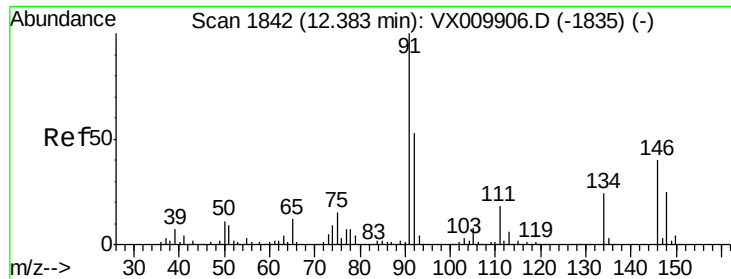
111 39.1 20.0 59.9

148 64.6 32.3 96.9



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





#89

n-Butylbenzene

Concen: 150.848 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

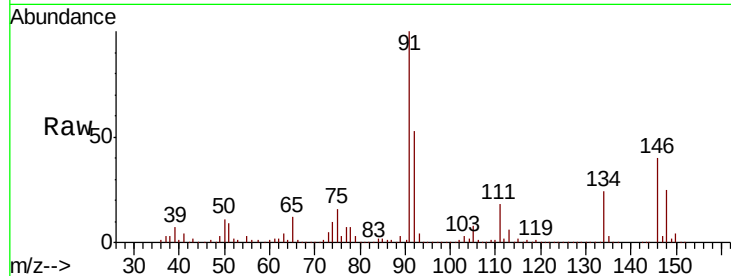
Tot Ion: 91 Resp: 1035522

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.8

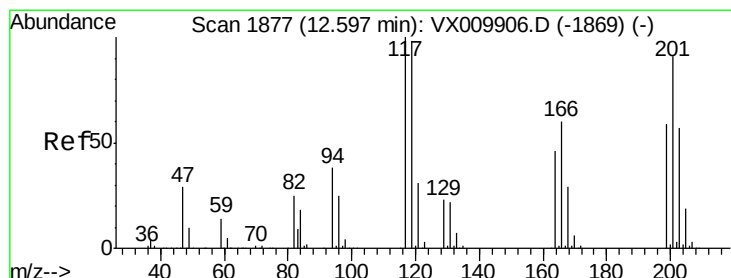
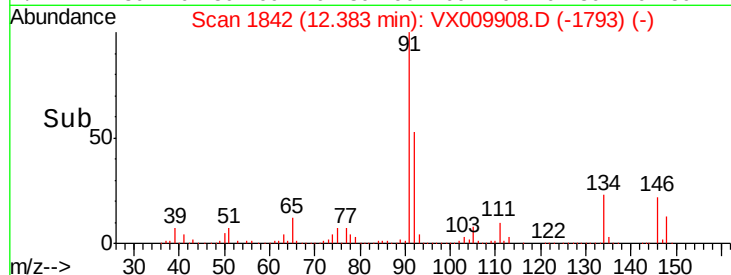
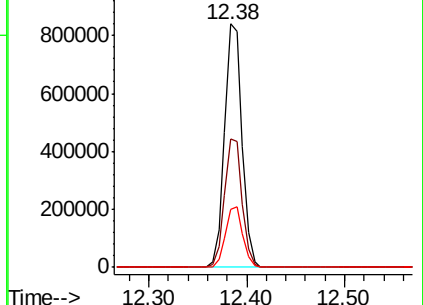
134 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 155.522 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009908.D

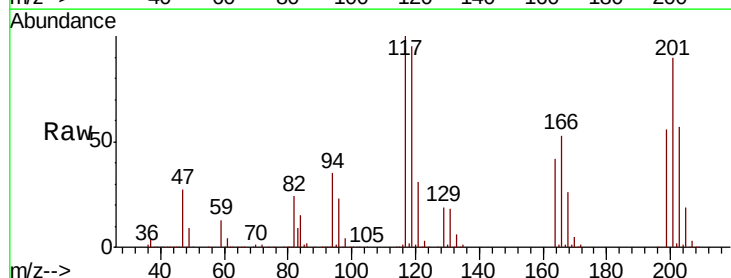
Acq: 28 May 2019 11:54

Tgt Ion: 117 Resp: 200017

Ion Ratio Lower Upper

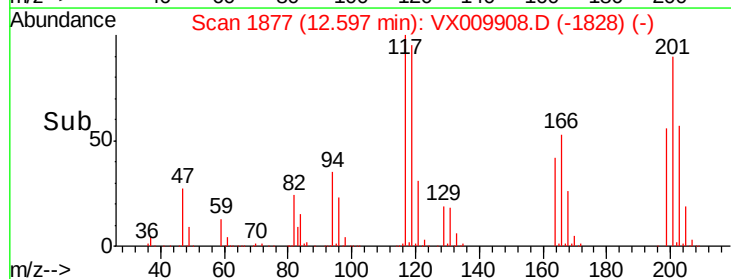
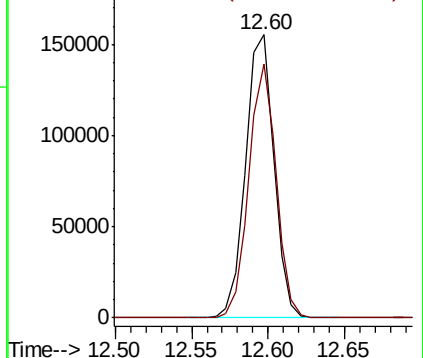
117 100

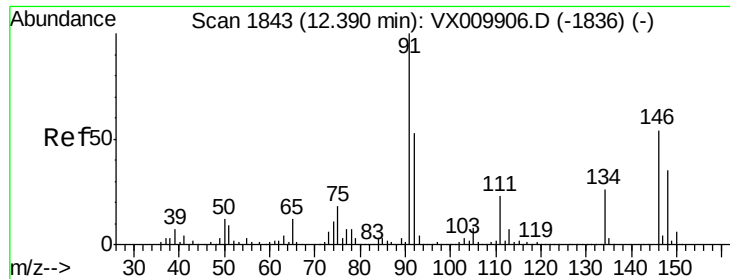
201 86.2 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 149.408 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

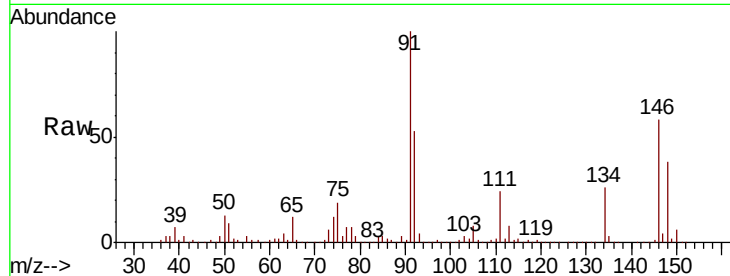
Tot Ion:146 Resp: 579788

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.1

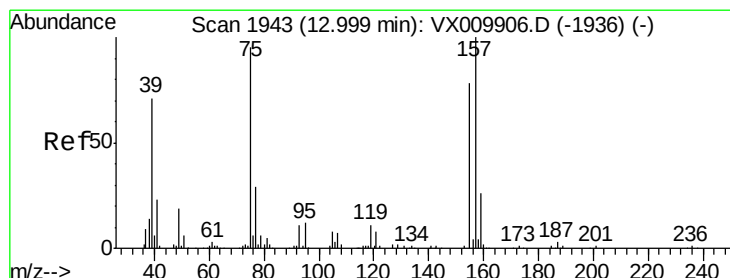
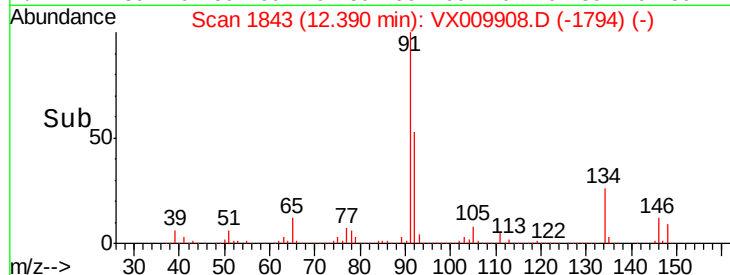
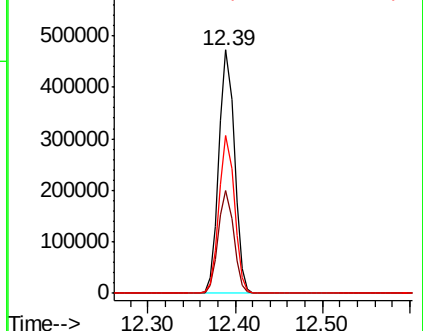
148 64.3 32.3 96.8



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: 163.529 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009908.D

Acq: 28 May 2019 11:54

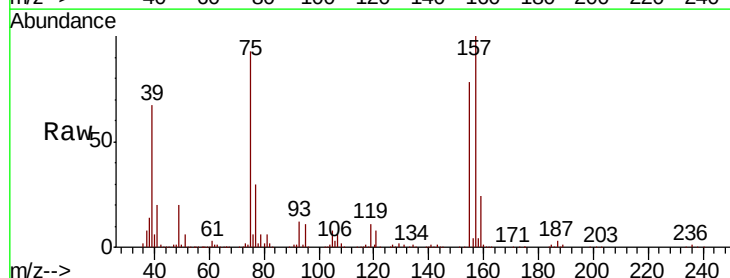
Tgt Ion: 75 Resp: 117756

Ion Ratio Lower Upper

75 100

155 81.5 39.3 117.8

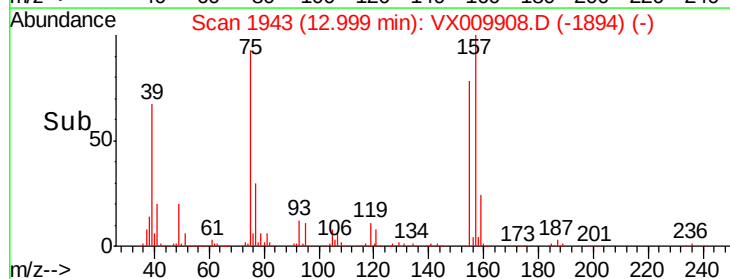
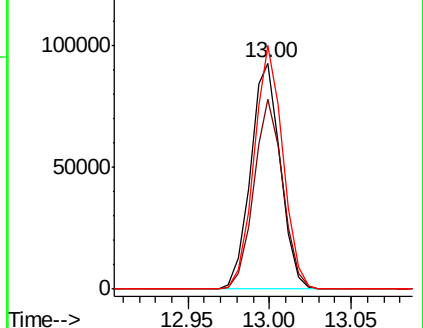
157 104.2 50.6 151.8

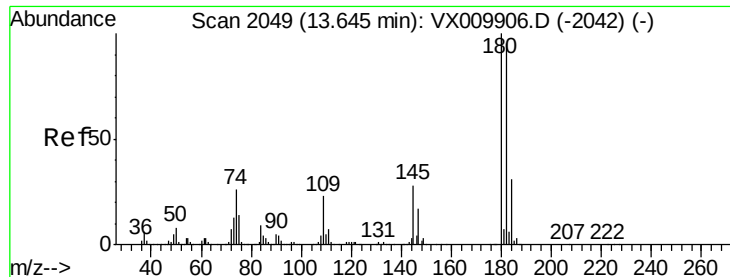


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

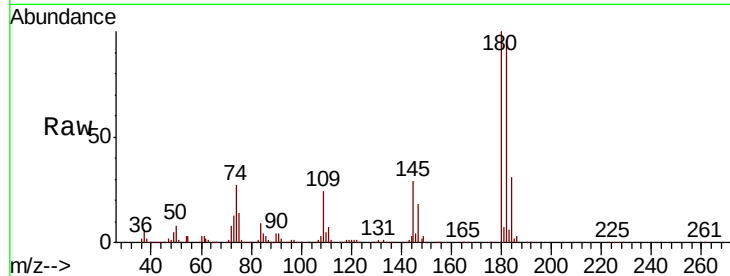




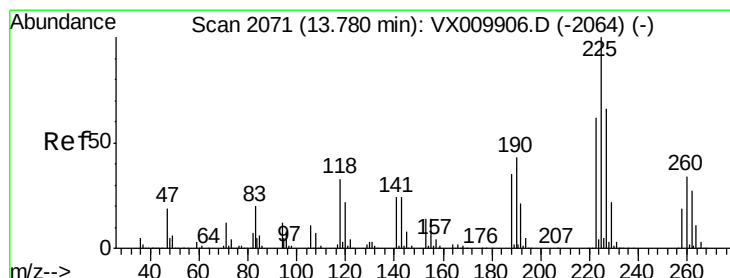
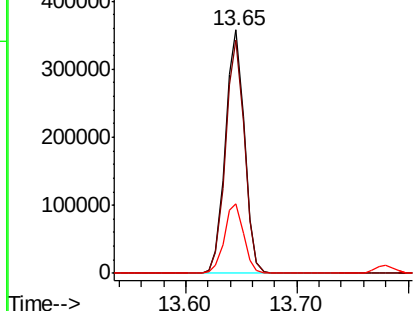
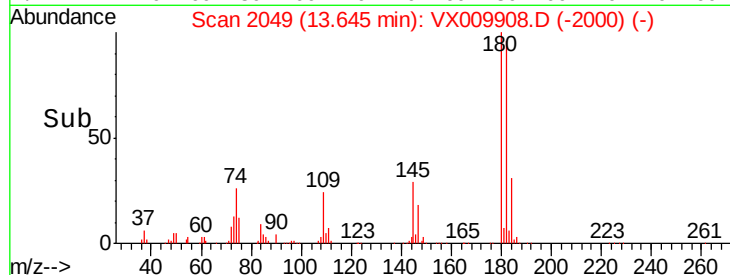
#93
 1,2,4-Trichlorobenzene
 Concen: 158.685 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	29.1	14.5	43.5

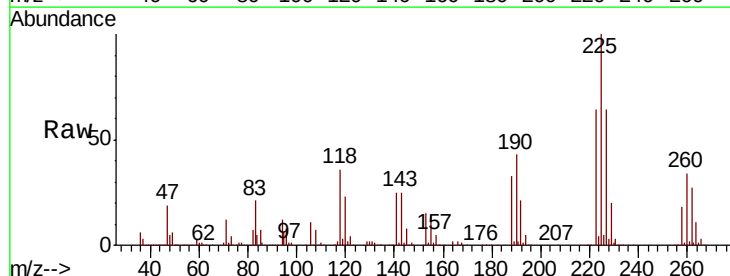


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

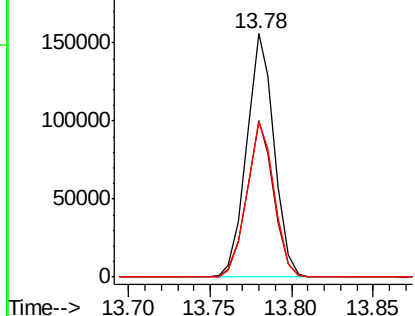
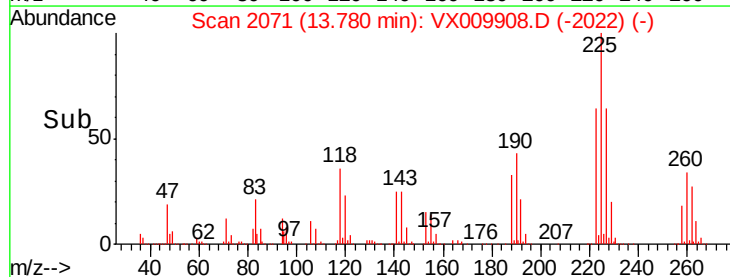


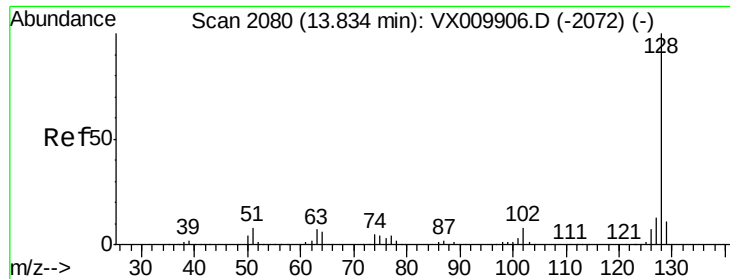
#94
 Hexachlorobutadiene
 Concen: 134.484 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009908.D
 Acq: 28 May 2019 11:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.8
227	63.6	32.3	96.8



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

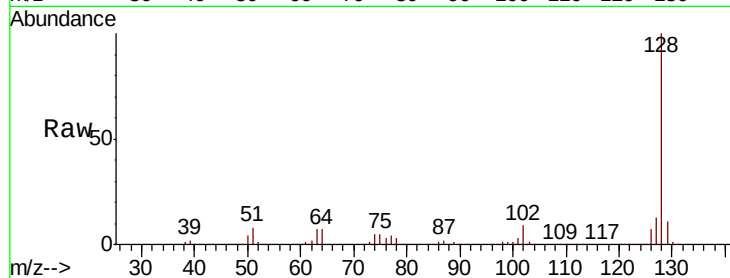




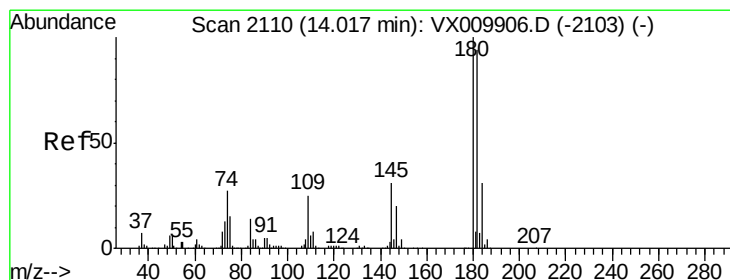
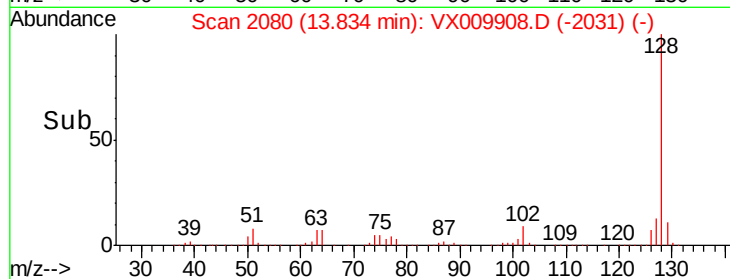
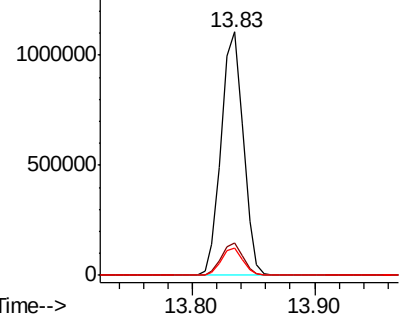
#95
Naphthalene
Concen: 159.847 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1373970
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2

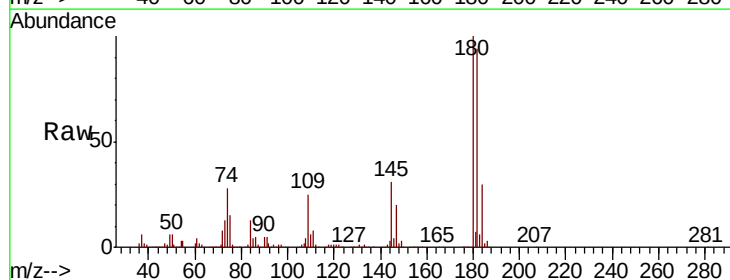


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 156.821 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009908.D
Acq: 28 May 2019 11:54

Tgt Ion:180 Resp: 422037
Ion Ratio Lower Upper
180 100
182 94.4 47.3 142.0
145 30.9 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

