

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009269.D
 Acq On : 02 May 2019 11:51
 Operator : JC/SP
 Sample : VX0502WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

Quant Time: May 03 07:07:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	31067	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	178271	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	158011	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	76226	29.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.60%
60) 4-Bromofluorobenzene	11.13	95	78830	29.36	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.87%
63) Toluene-d8	8.71	98	226002	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	31536	19.103	ug/l 98
3) Chloromethane	1.32	50	43060	19.406	ug/l 99
4) Vinyl Chloride	1.40	62	42080	19.010	ug/l 100
5) Bromomethane	1.64	94	24478	17.445	ug/l 99
6) Chloroethane	1.72	64	27088	18.659	ug/l 96
7) Trichlorofluoromethane	1.93	101	51690	18.910	ug/l 100
8) Diethyl Ether	2.18	74	24386	19.213	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33030	19.517	ug/l 99
10) 1,1-Dichloroethene	2.37	96	32952	19.392	ug/l 96
11) Methyl Iodide	2.51	142	35199	19.055	ug/l 96
12) Methyl Acetate	2.77	43	61661	19.265	ug/l 97
13) Acrolein	2.29	56	39048	88.951	ug/l 99
14) Acrylonitrile	3.14	53	137713	99.144	ug/l 99
15) Acetone	2.44	58	38331	96.115	ug/l 99
16) Carbon Disulfide	2.57	76	86232	18.756	ug/l 99
17) Allyl chloride	2.73	41	78902	19.341	ug/l 98
18) Methylene Chloride	2.85	84	39808	19.384	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	34220	18.888	ug/l 96
20) Diisopropyl ether	3.85	45	155663	19.376	ug/l 99
21) 1,1-Dichloroethane	3.70	63	75652	19.458	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	41694	19.105	ug/l 98
23) tert-Butyl Alcohol	3.04	59	57307	97.571	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	128169	19.273	ug/l 98
25) Chloroform	5.21	83	68695	19.362	ug/l 98
26) Cyclohexane	5.58	56	70055	19.334	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	51302	19.612	ug/l 99
30) 2-Butanone	4.67	43	207569	101.324	ug/l 100
31) 2,2-Dichloropropane	4.59	77	55137	19.120	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	56086	19.778	ug/l 98
33) Carbon Tetrachloride	5.78	117	46435	19.571	ug/l 96
34) Benzene	6.14	78	160534	19.906	ug/l 98
35) Methacrylonitrile	5.04	41	43383	20.241	ug/l 96
36) 1,2-Dichloroethane	6.19	62	58320	19.930	ug/l 100
37) Trichloroethene	7.21	130	38526	19.845	ug/l 88
38) Methylcyclohexane	7.46	83	62298	19.277	ug/l 99
39) 1,2-Dichloropropane	7.51	63	45774	19.932	ug/l 98
40) Dibromomethane	7.66	93	25927	19.891	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

Quant Time: May 03 07:07:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	51266	19.255	ug/l	98
42) Vinyl Acetate	3.81	43	676190	100.010	ug/l	100
43) Ethyl Acetate	4.84	43	76568	20.684	ug/l	99
44) Isopropyl Acetate	6.45	43	118500	19.761	ug/l	100
45) 1,4-Dioxane	7.74	88	23873	405.479	ug/l	98
46) Methyl methacrylate	7.77	41	60177	20.105	ug/l	97
47) n-amyl Acetate	10.90	43	101686	18.823	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	58648	18.879	ug/l	94
49) cis-1,3-Dichloropropene	8.43	75	65796	19.293	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	39994	20.027	ug/l	95
51) Ethyl methacrylate	9.18	69	71541	19.386	ug/l	99
52) 1,3-Dichloropropane	9.37	76	70562	19.909	ug/l	100
53) Dibromochloromethane	9.58	129	38651	19.434	ug/l	99
54) 1,2-Dibromoethane	9.67	107	41409	20.218	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	192942	98.116	ug/l	100
56) Bromoform	10.85	173	29116	19.071	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	397255	102.246	ug/l	100
59) 2-Hexanone	9.49	43	306260	100.498	ug/l	100
61) Tetrachloroethene	9.34	164	35042	20.117	ug/l	95
62) Toluene	8.79	91	169323	20.054	ug/l	99
64) Chlorobenzene	10.14	112	100787	19.834	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	36327	19.524	ug/l	99
66) Ethyl Benzene	10.25	91	183080	19.464	ug/l	98
67) m/p-Xylenes	10.36	106	135487	39.452	ug/l	99
68) o-Xylene	10.69	106	65657	19.443	ug/l	98
69) Styrene	10.71	104	115402	19.468	ug/l	99
70) Isopropylbenzene	11.02	105	176786	19.466	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	65417	19.669	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	76333	26.633	ug/l	83
73) Bromobenzene	11.26	156	43434	19.357	ug/l	98
74) n-propylbenzene	11.36	91	203488	19.336	ug/l	99
75) 2-Chlorotoluene	11.42	91	122979	19.483	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	149996	19.498	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	21157	18.300	ug/l	97
78) 4-Chlorotoluene	11.51	91	139095	19.402	ug/l	100
79) tert-butylbenzene	11.77	119	143932	19.354	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	149200	19.351	ug/l	99
81) sec-Butylbenzene	11.94	105	172039	19.471	ug/l	99
82) p-Isopropyltoluene	12.06	119	155017	19.287	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	74533	18.600	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	75525	18.918	ug/l	100
85) n-Butylbenzene	12.38	91	137887	18.749	ug/l	99
86) Hexachloroethane	12.60	117	25480	18.631	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	78071	19.355	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15117	19.559	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	54237	18.865	ug/l	98
90) Hexachlorobutadiene	13.78	225	26674	18.574	ug/l	98
91) Naphthalene	13.83	128	185206	19.675	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	56554	19.351	ug/l	99

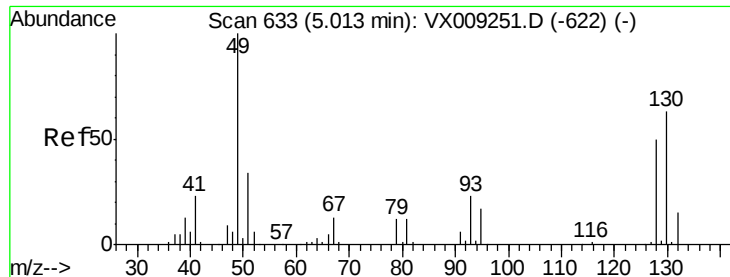
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
Data File : VX009269.D
Acq On : 02 May 2019 11:51
Operator : JC/SP
Sample : VX0502WBS01
Misc : 5.0mL/MSVOA X/WATER
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ClientSampleId :
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Quant Time: May 03 07:07:47 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

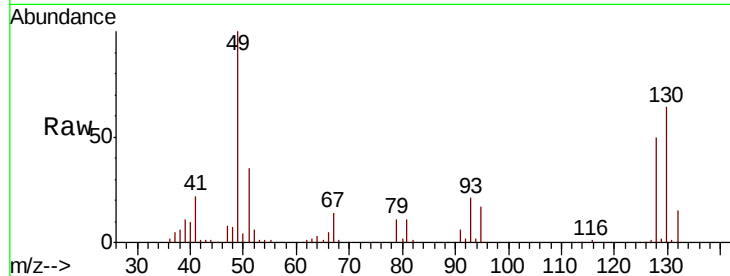


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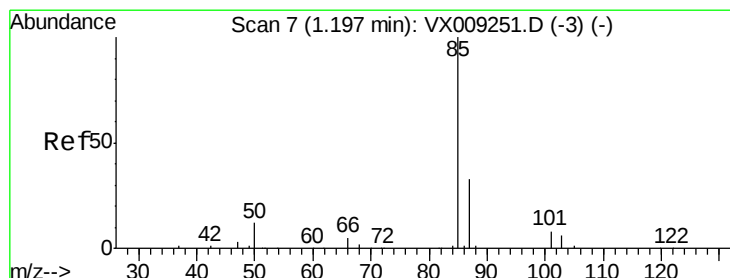
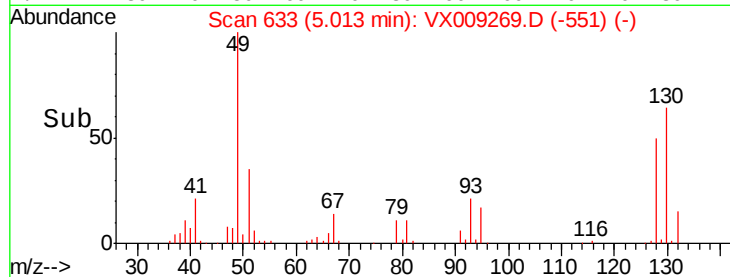
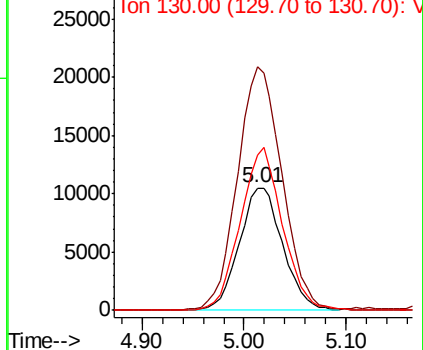
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0502WBS01

Tot Ion:128 Resp: 31067
Ion Ratio Lower Upper
128 100
49 204.1 0.0 515.0
130 129.3 0.0 323.3



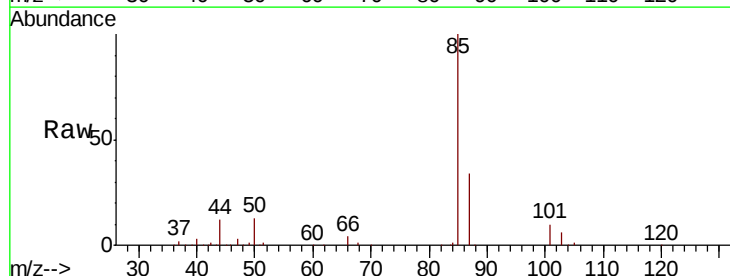
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



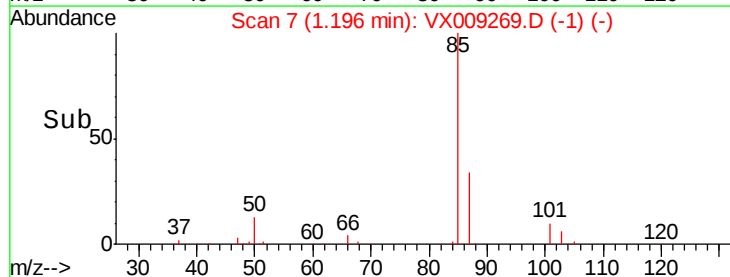
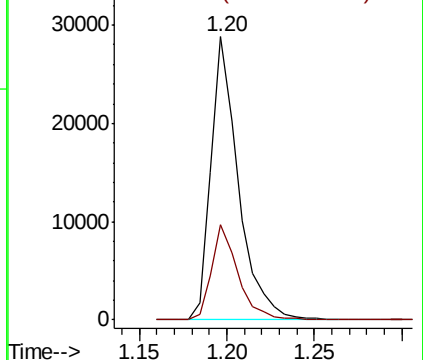
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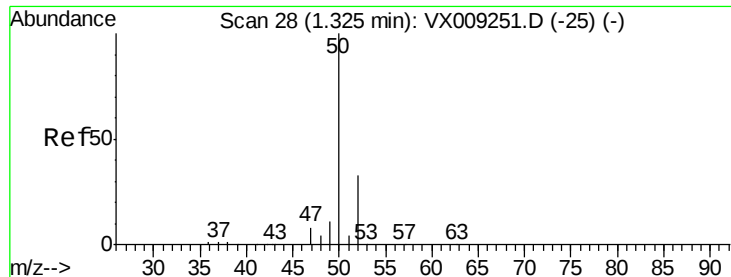
Dichlorodifluoromethane
Concen: 19.103 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion: 85 Resp: 31536
Ion Ratio Lower Upper
85 100
87 33.6 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.406 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

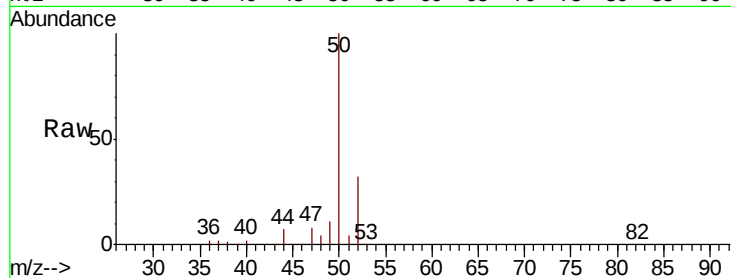
VX0502WBS01

Tot Ion: 50 Resp: 43060

Ion Ratio Lower Upper

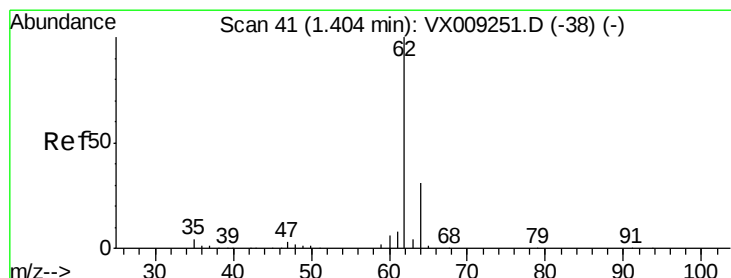
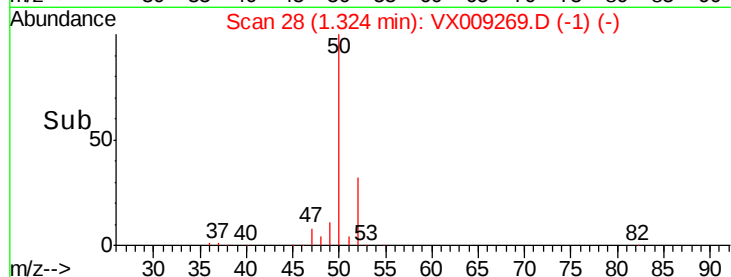
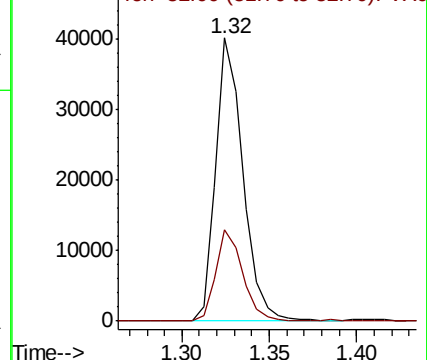
50 100

52 32.1 26.3 39.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.010 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX009269.D

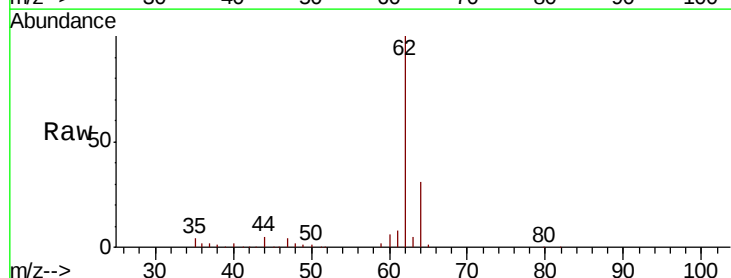
Acq: 02 May 2019 11:51

Tgt Ion: 62 Resp: 42080

Ion Ratio Lower Upper

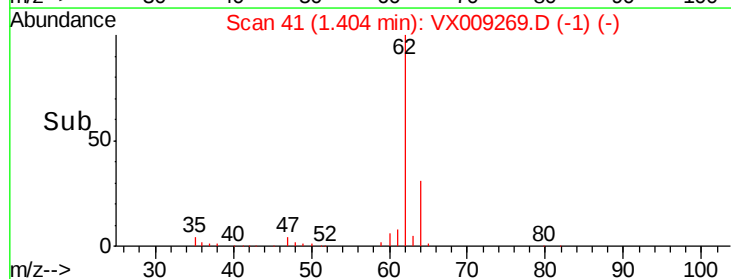
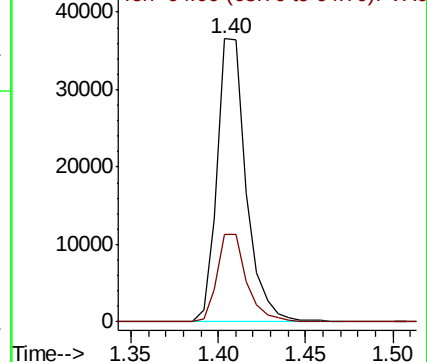
62 100

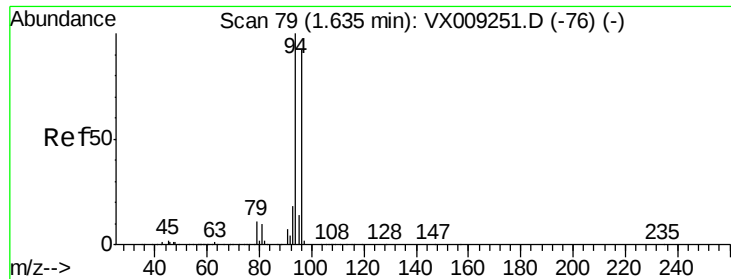
64 30.9 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 17.445 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

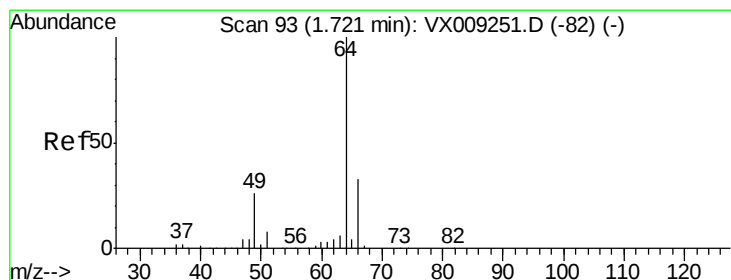
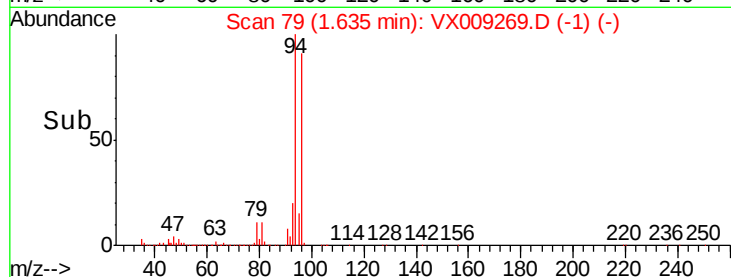
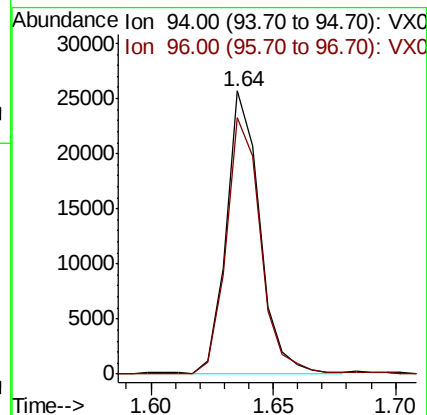
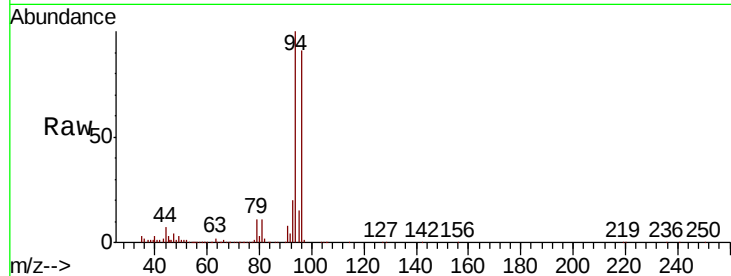
VX0502WBS01

Tot Ion: 94 Resp: 24478

Ion Ratio Lower Upper

94 100

96 90.7 73.5 110.3



#6

Chloroethane

Concen: 18.659 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009269.D

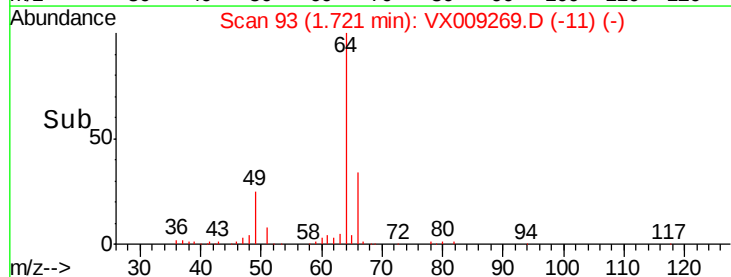
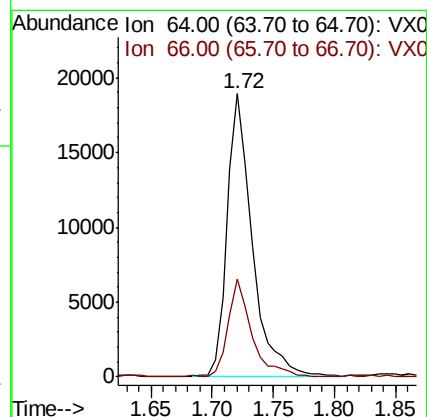
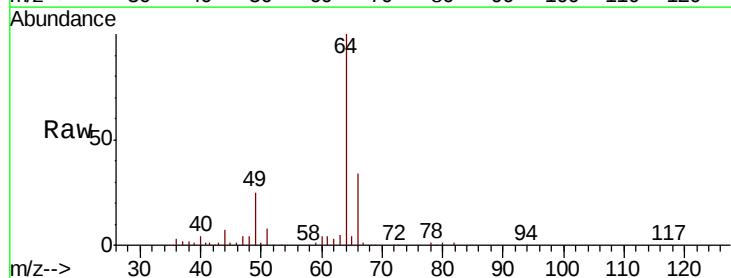
Acq: 02 May 2019 11:51

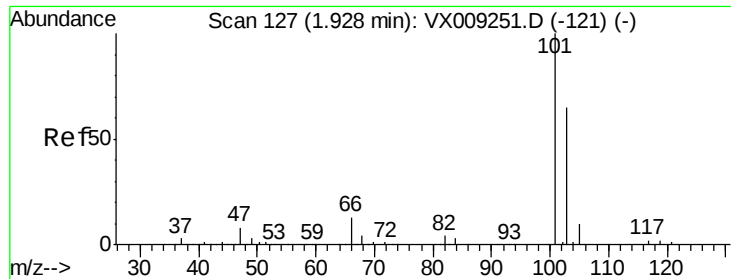
Tgt Ion: 64 Resp: 27088

Ion Ratio Lower Upper

64 100

66 34.5 25.9 38.9



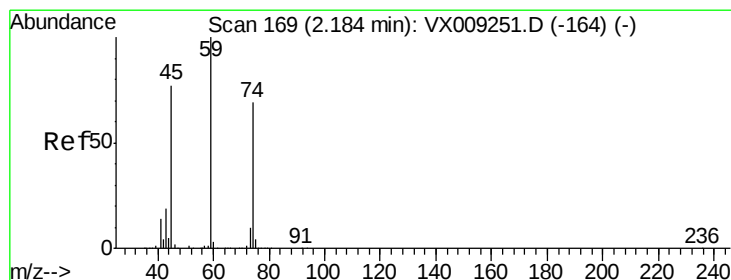
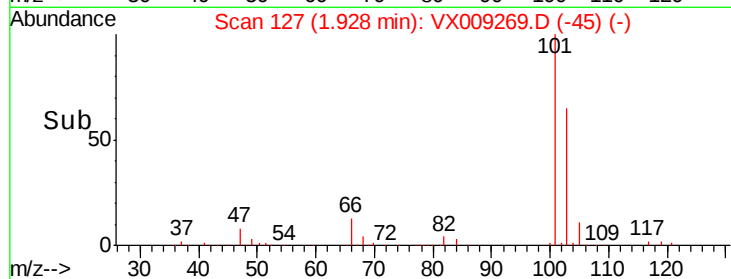
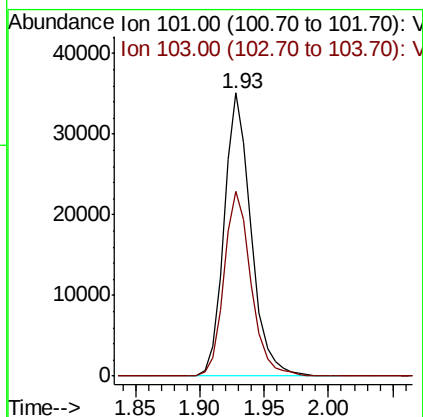
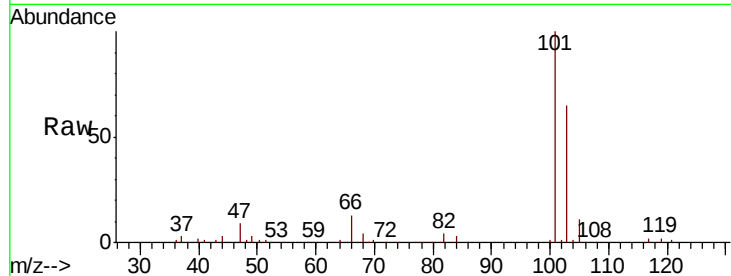


#7

Trichlorofluoromethane
 Concen: 18.910 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

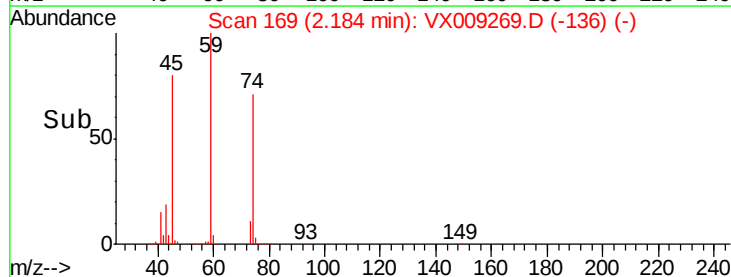
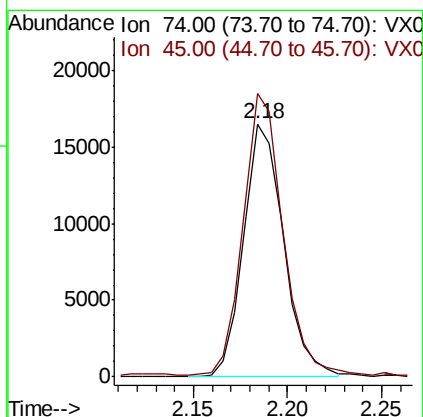
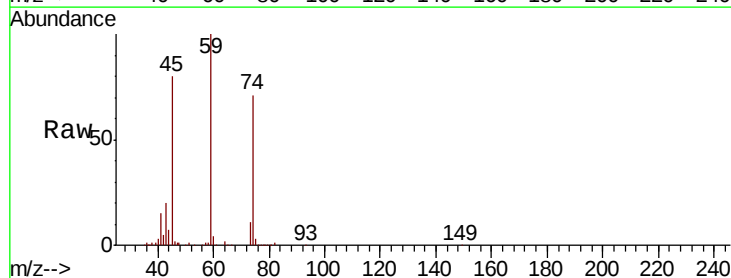
Tot Ion:101 Resp: 51690
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.9 77.9

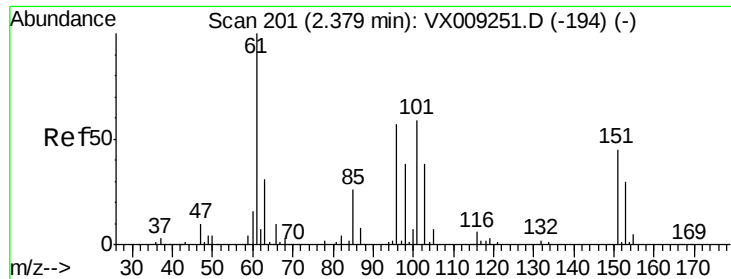


#8

Diethyl Ether
 Concen: 19.213 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion: 74 Resp: 24386
 Ion Ratio Lower Upper
 74 100
 45 111.0 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.517 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

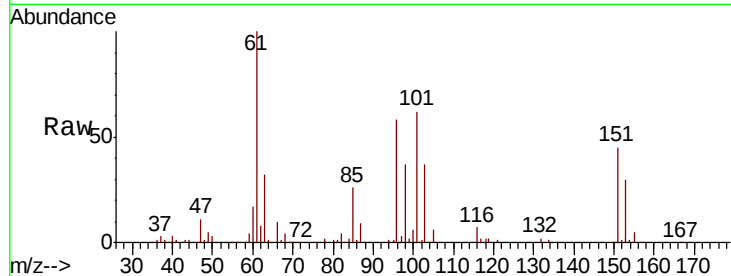
Tot Ion:101 Resp: 33030

Ion Ratio Lower Upper

101 100

85 44.1 0.0 87.4

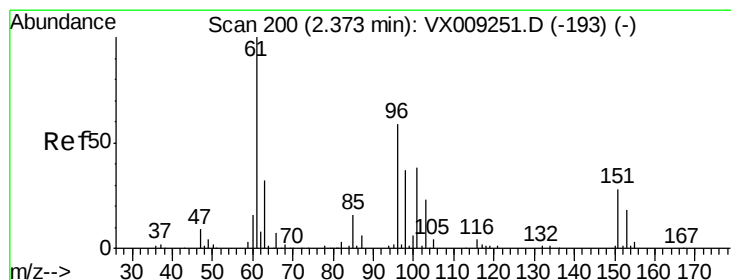
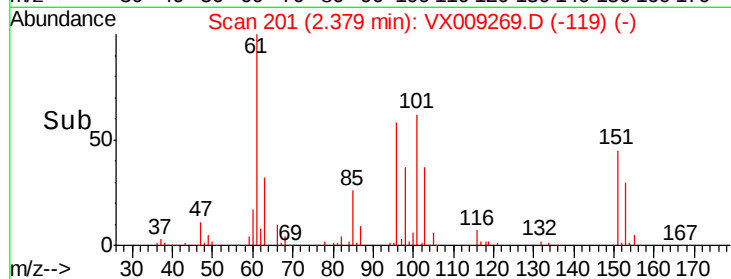
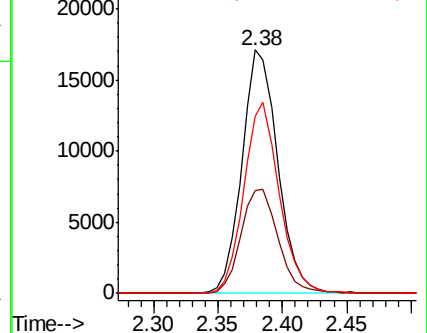
151 77.3 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.392 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

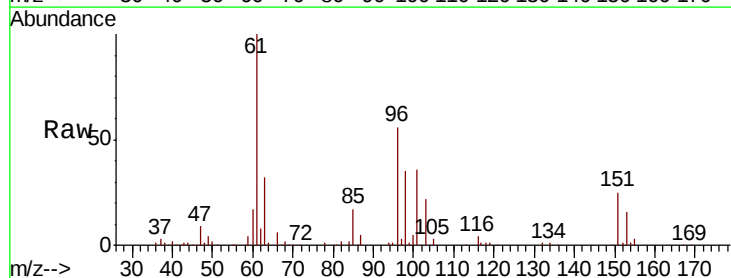
Tgt Ion: 96 Resp: 32952

Ion Ratio Lower Upper

96 100

61 178.9 136.5 204.7

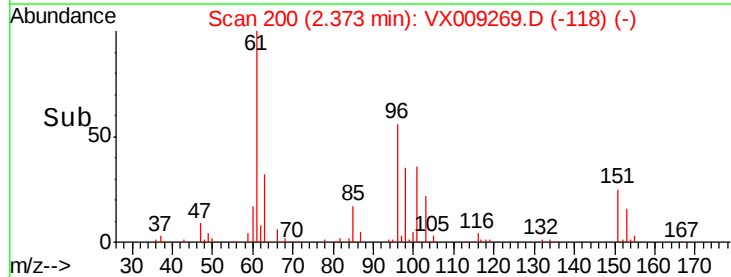
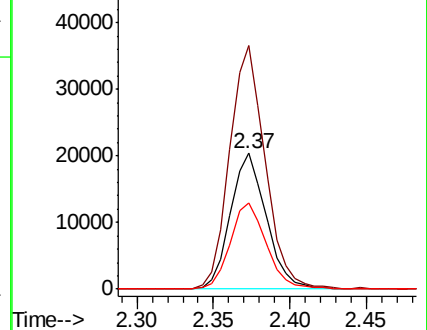
98 63.4 51.0 76.4

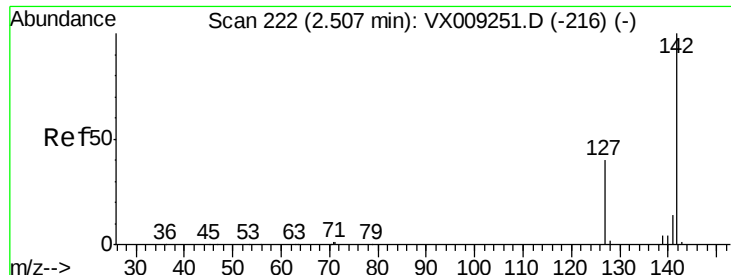


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

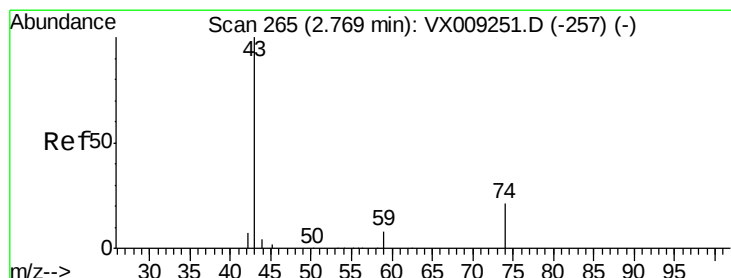
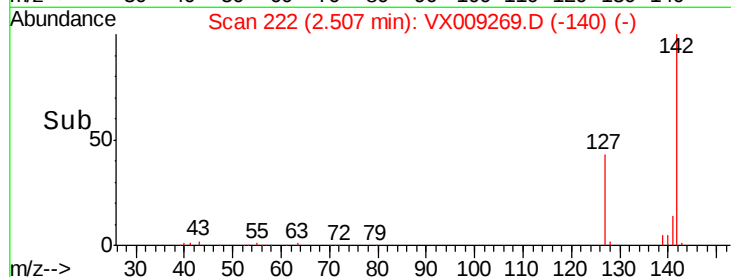
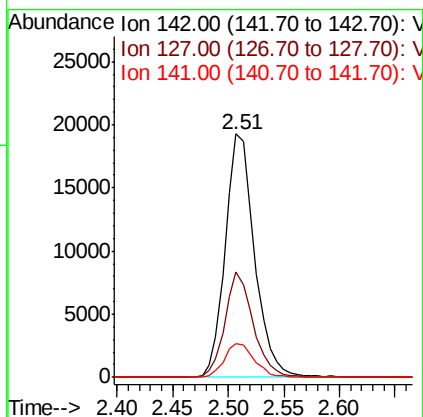
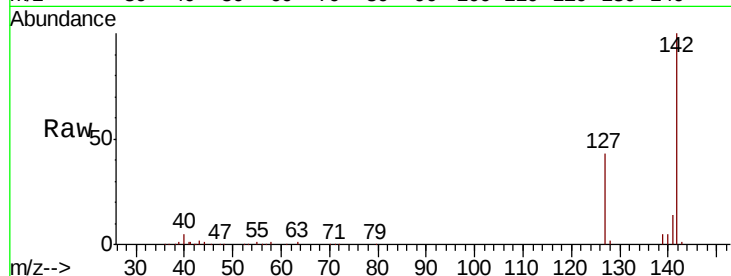




#11
Methvl Iodide
Concen: 19.055 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

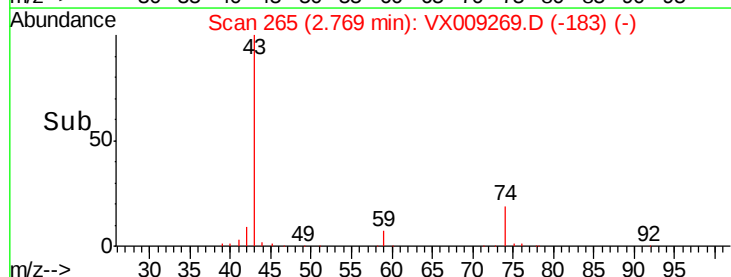
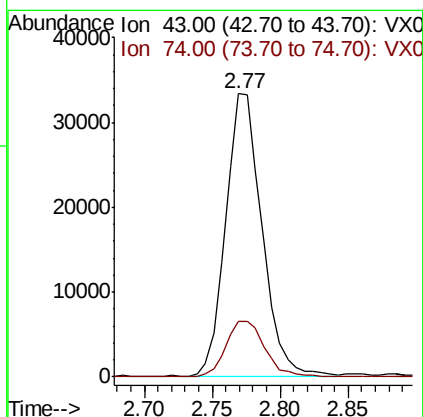
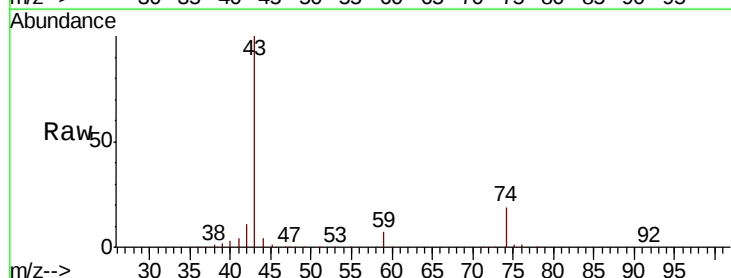
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

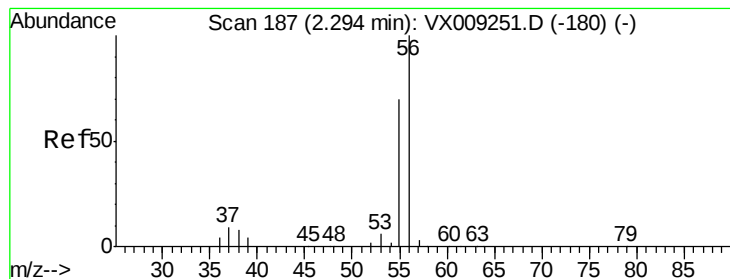
Tot Ion:142 Resp: 35199
Ion Ratio Lower Upper
142 100
127 43.4 20.2 60.5
141 14.0 6.9 20.7



#12
Methyl Acetate
Concen: 19.265 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion: 43 Resp: 61661
Ion Ratio Lower Upper
43 100
74 19.2 16.5 24.7





#13

Acrolein

Concen: 88.951 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

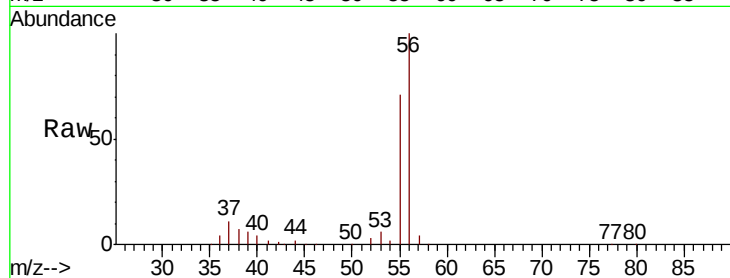
VX0502WBS01

Tot Ion: 56 Resp: 39048

Ion Ratio Lower Upper

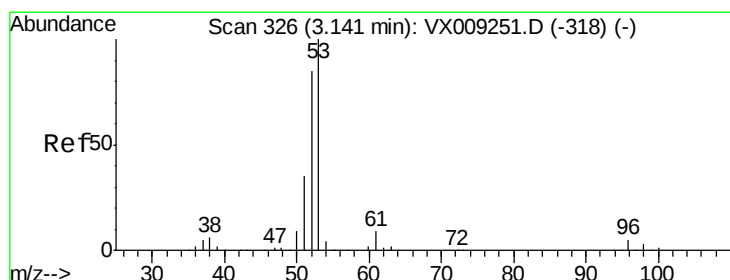
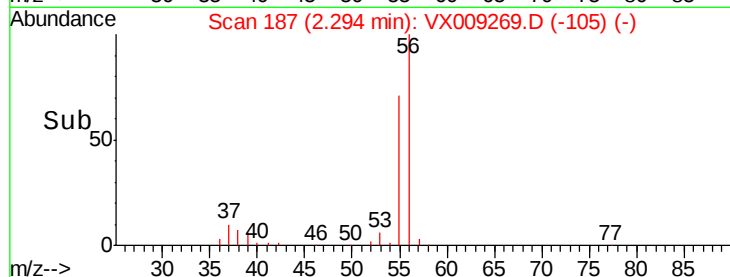
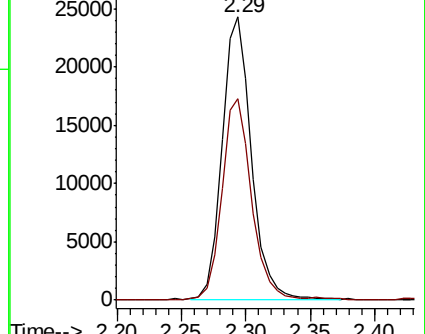
56 100

55 70.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 99.144 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

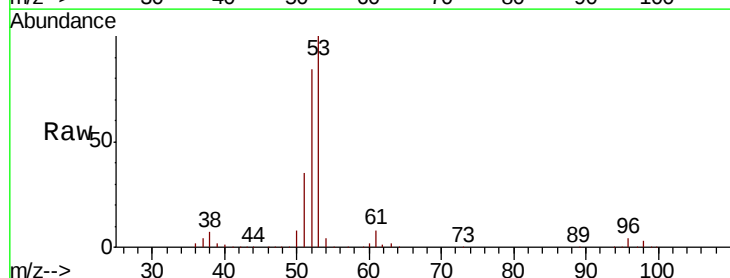
Tgt Ion: 53 Resp: 137713

Ion Ratio Lower Upper

53 100

52 83.7 41.5 124.5

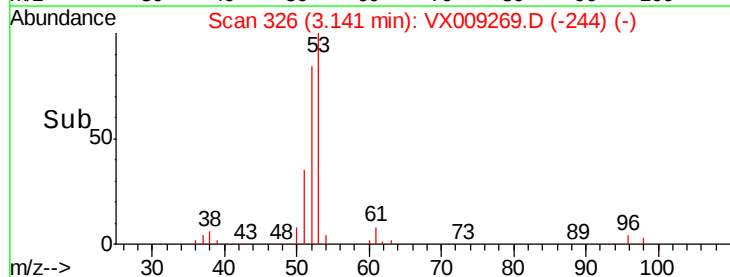
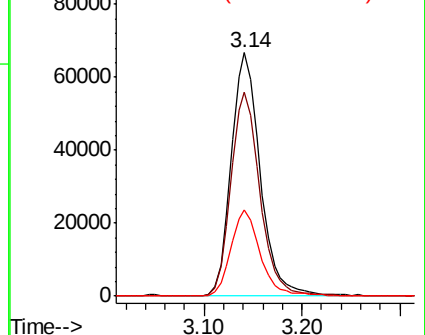
51 35.8 17.8 53.3

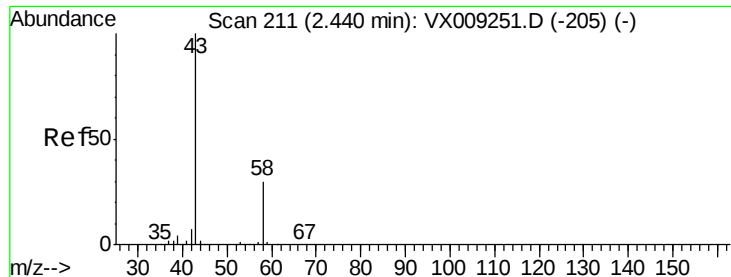


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 96.115 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

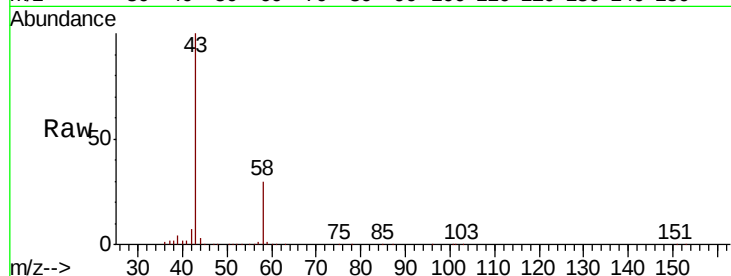
VX0502WBS01

Tot Ion: 58 Resp: 38331

Ion Ratio Lower Upper

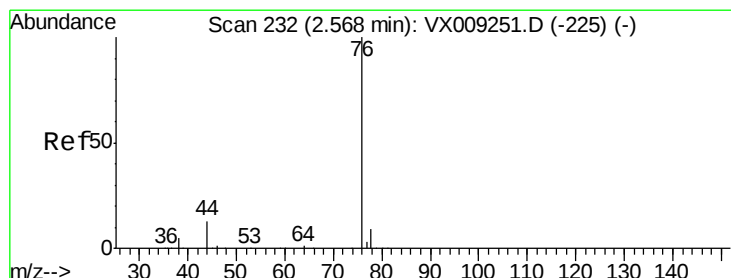
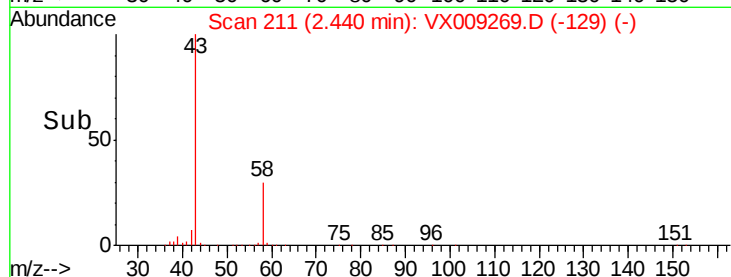
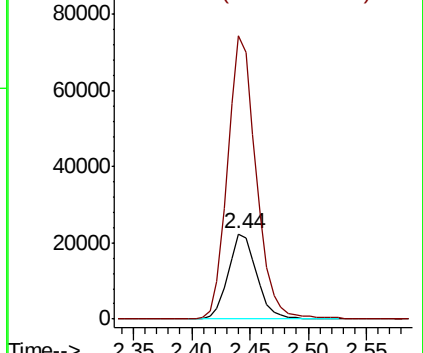
58 100

43 332.6 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.756 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009269.D

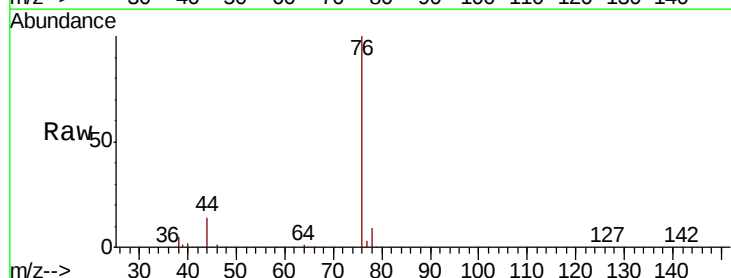
Acq: 02 May 2019 11:51

Tgt Ion: 76 Resp: 86232

Ion Ratio Lower Upper

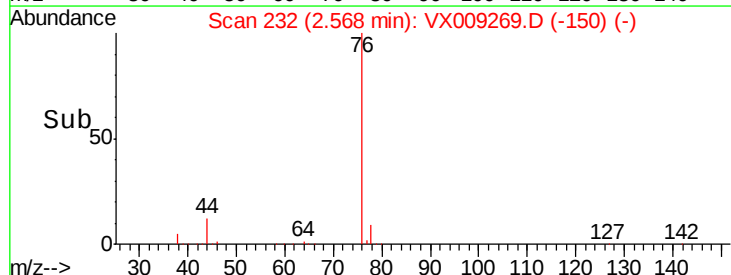
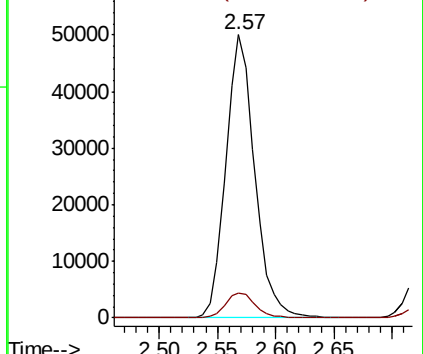
76 100

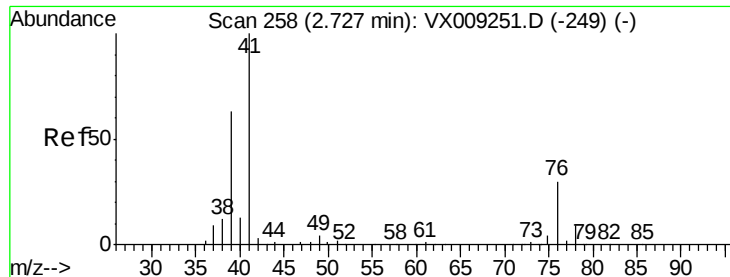
78 8.9 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 19.341 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

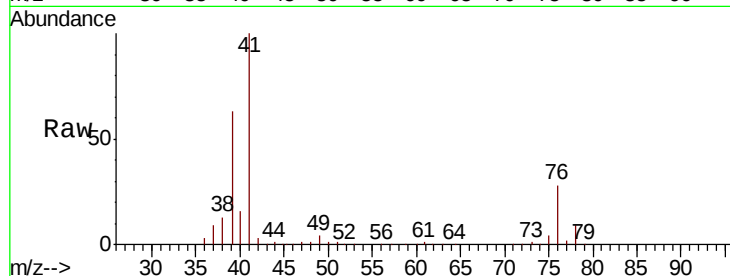
Tot Ion: 41 Resp: 78902

Ion Ratio Lower Upper

41 100

39 62.5 31.6 94.7

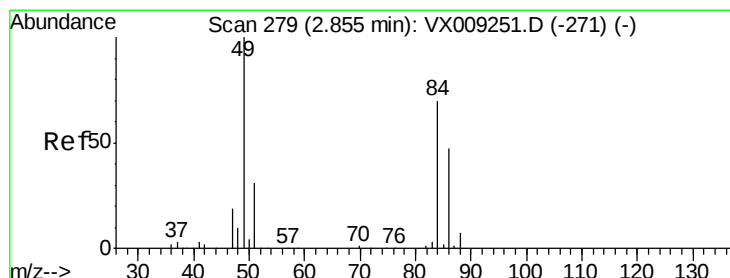
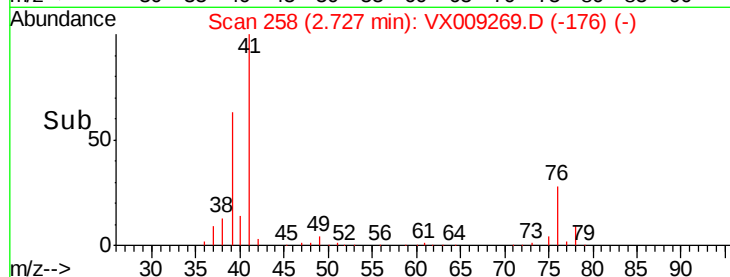
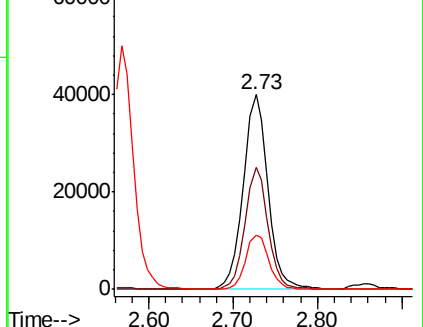
76 27.9 15.1 45.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.384 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Tgt Ion: 84 Resp: 39808

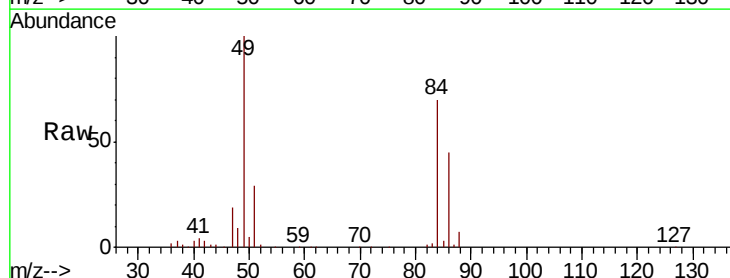
Ion Ratio Lower Upper

84 100

49 142.3 114.6 171.8

51 41.3 35.5 53.3

86 64.7 53.4 80.2

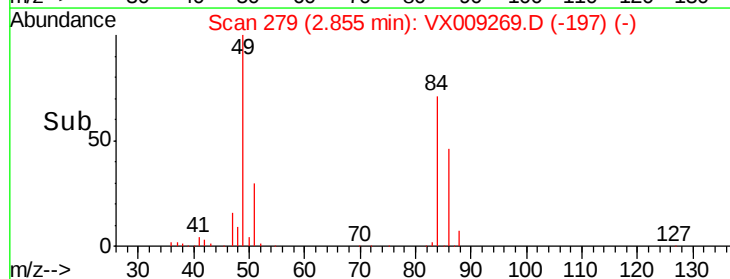
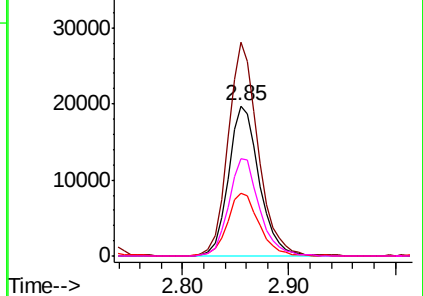


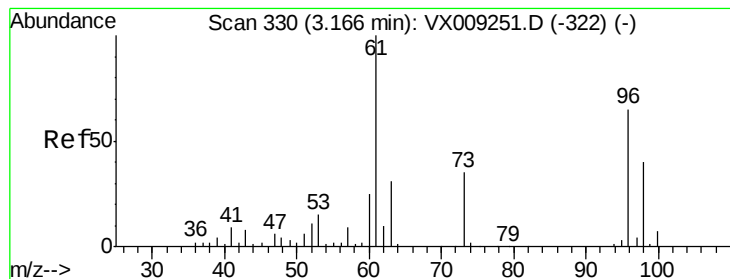
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 18.888 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

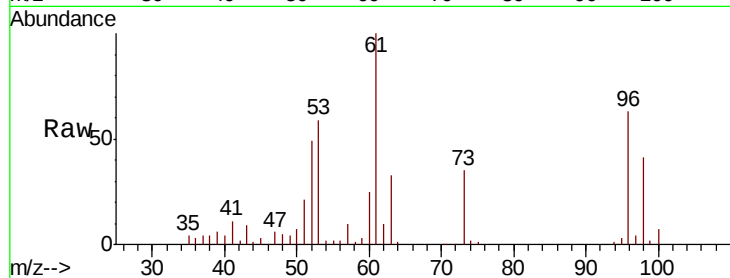
Tot Ion: 96 Resp: 34220

Ion Ratio Lower Upper

96 100

61 158.8 122.7 184.1

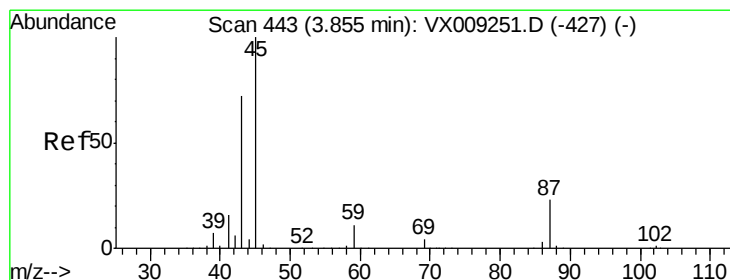
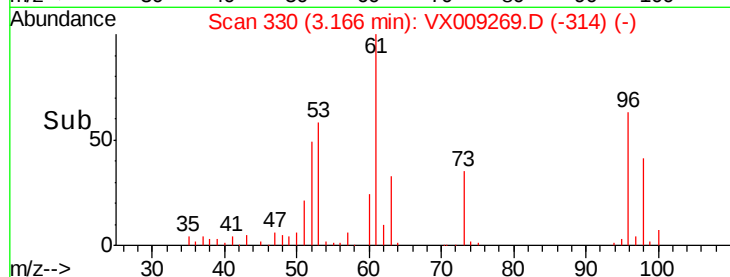
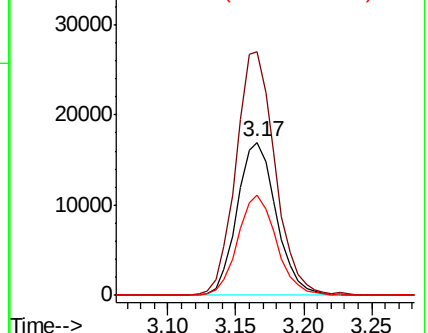
98 65.6 49.5 74.3



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.376 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Tgt Ion: 45 Resp: 155663

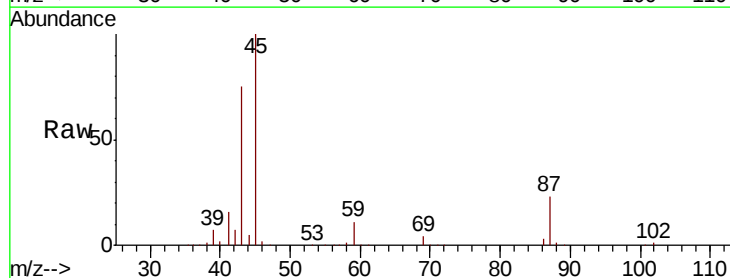
Ion Ratio Lower Upper

45 100

43 73.4 57.7 86.5

87 23.0 18.5 27.7

59 11.2 8.8 13.2

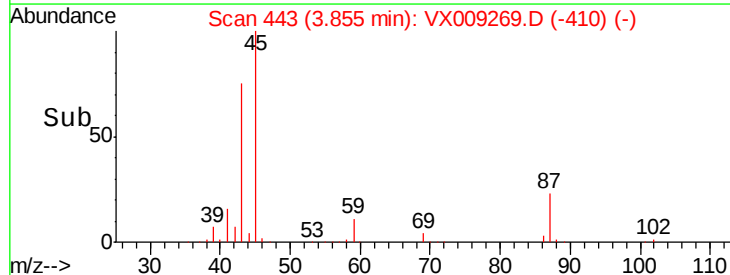
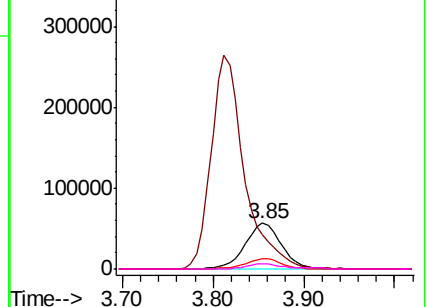


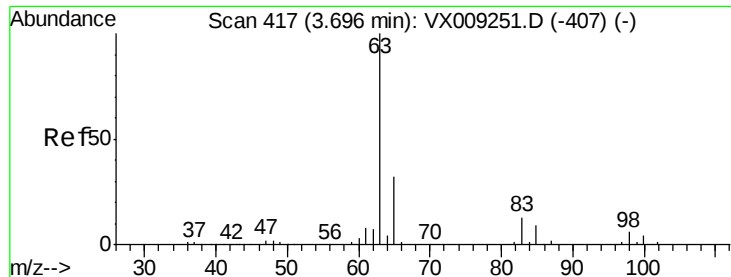
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 19.458 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

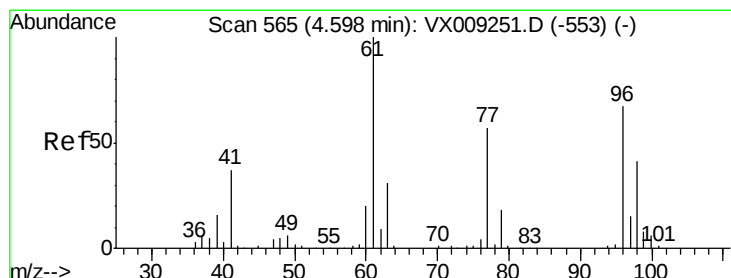
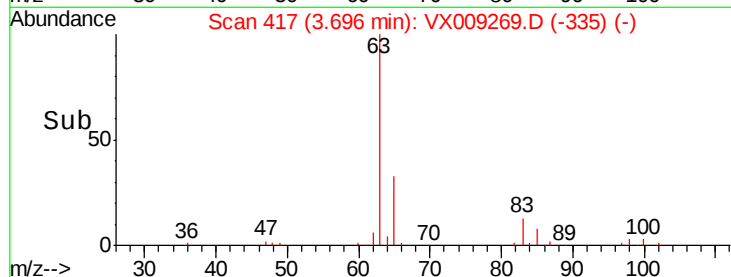
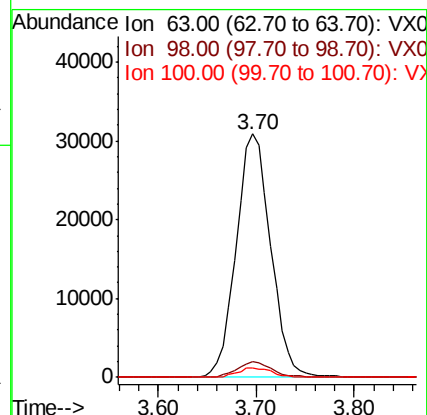
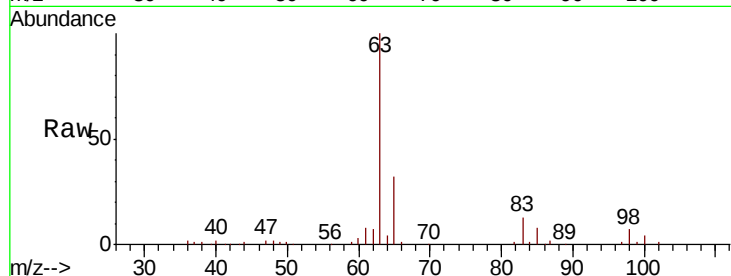
Tot Ion: 63 Resp: 75652

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

100 3.8 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 19.105 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

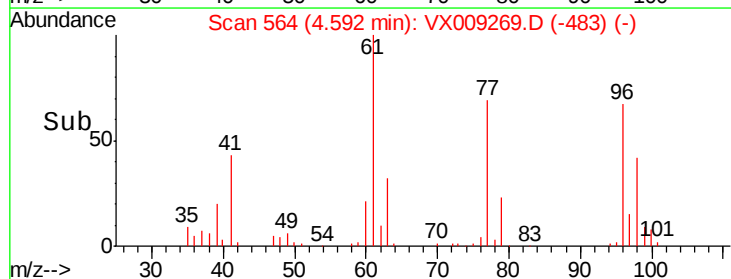
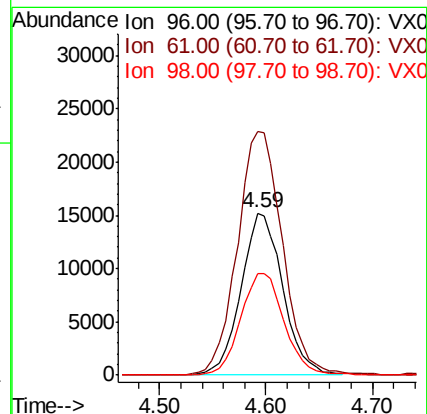
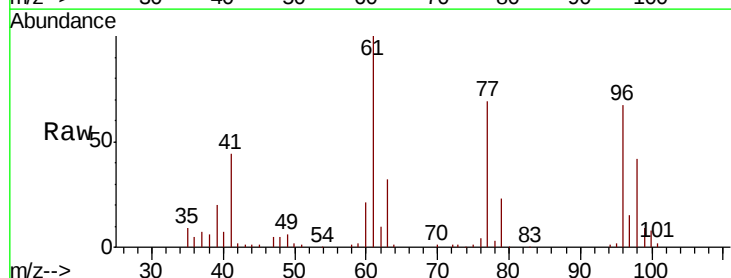
Tgt Ion: 96 Resp: 41694

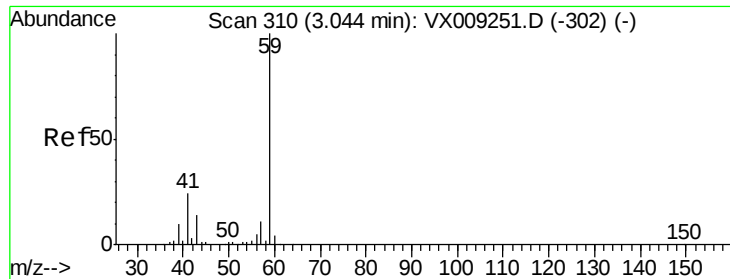
Ion Ratio Lower Upper

96 100

61 162.3 127.7 191.5

98 65.5 50.5 75.7



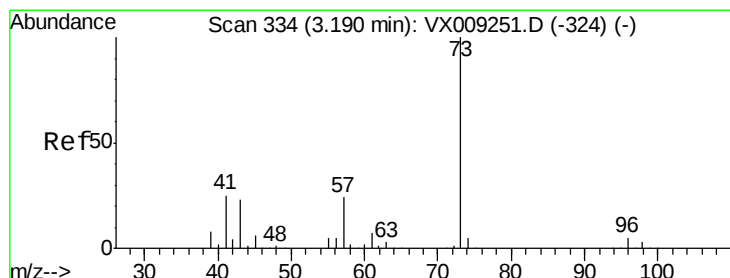
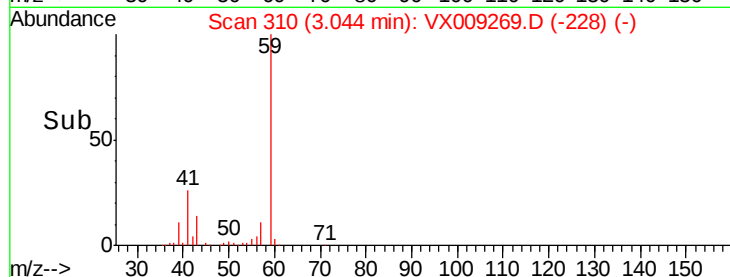
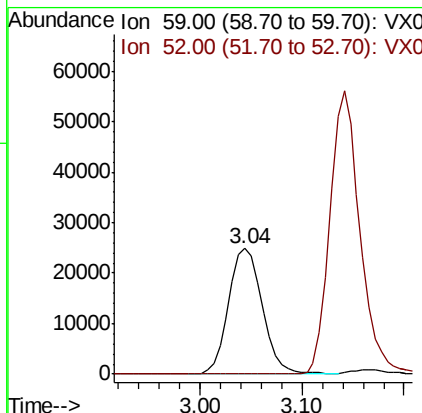
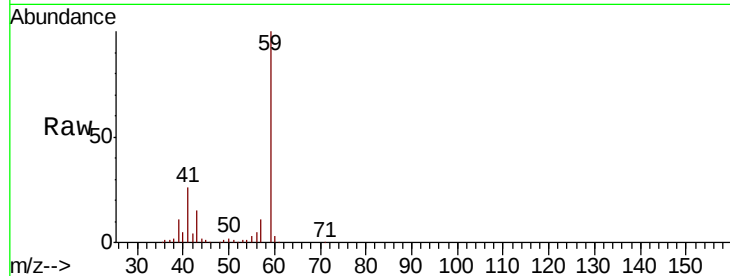


#23

tert-Butyl Alcohol
 Concen: 97.571 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

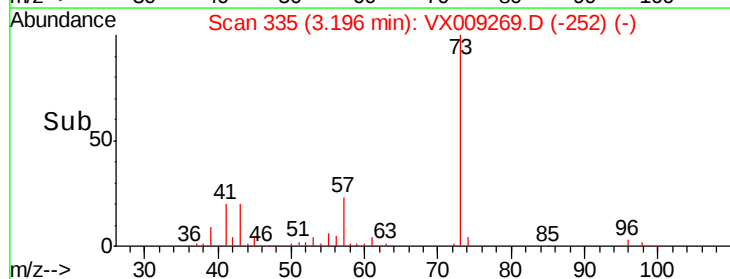
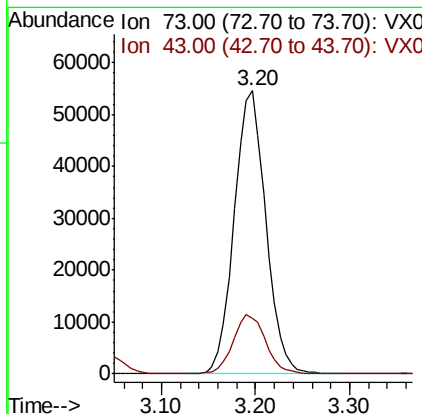
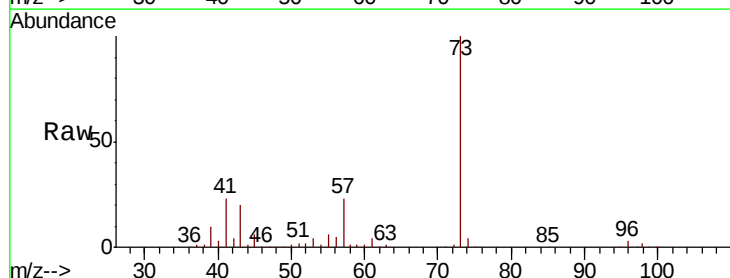
Tot Ion: 59 Resp: 57307
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.2 0.2#

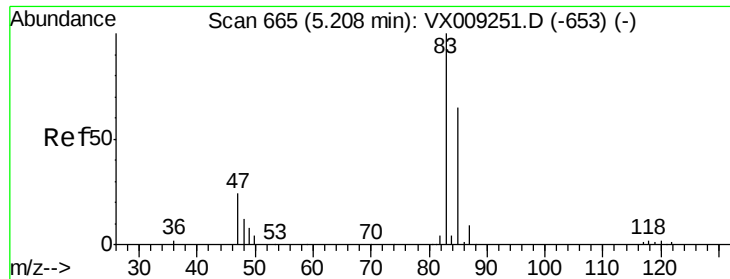


#24

Methyl tert-Butyl Ether
 Concen: 19.273 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion: 73 Resp: 128169
 Ion Ratio Lower Upper
 73 100
 43 21.0 17.6 26.4





#25

Chloroform

Concen: 19.362 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

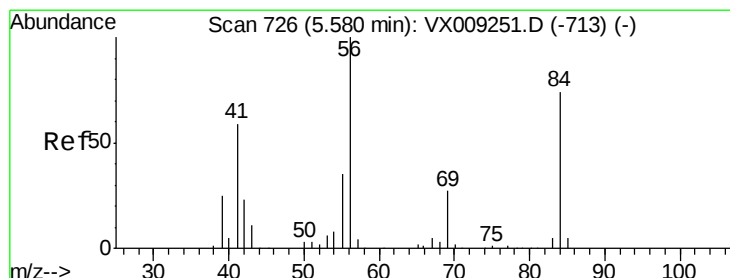
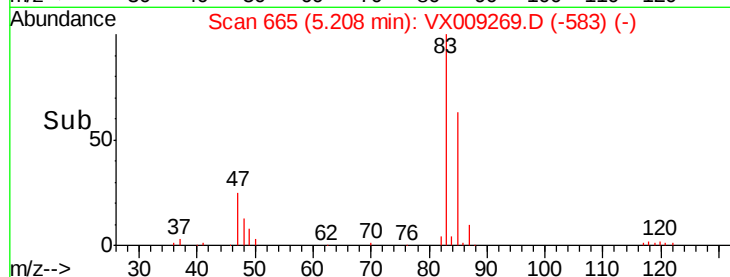
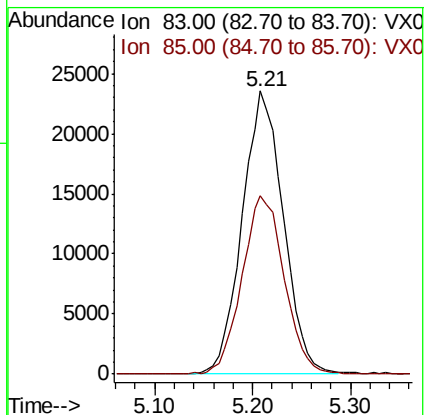
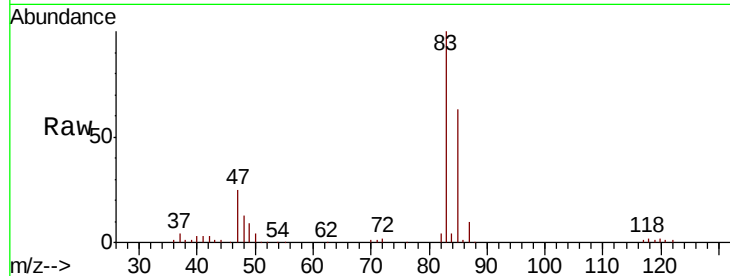
VX0502WBS01

Tot Ion: 83 Resp: 68695

Ion Ratio Lower Upper

83 100

85 63.2 51.9 77.9



#26

Cyclohexane

Concen: 19.334 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

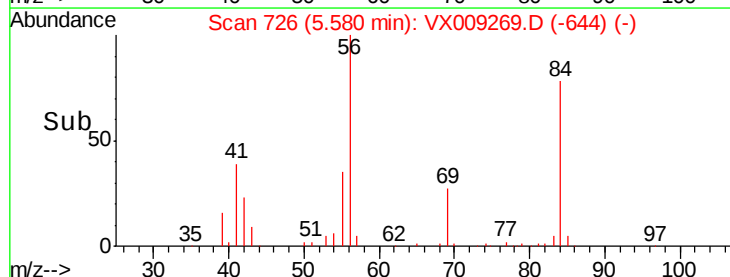
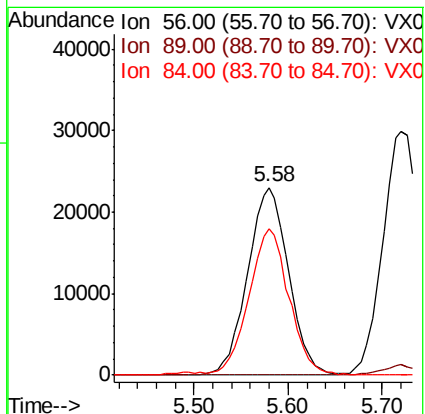
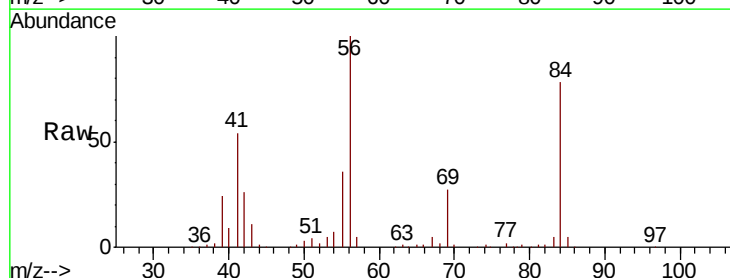
Tgt Ion: 56 Resp: 70055

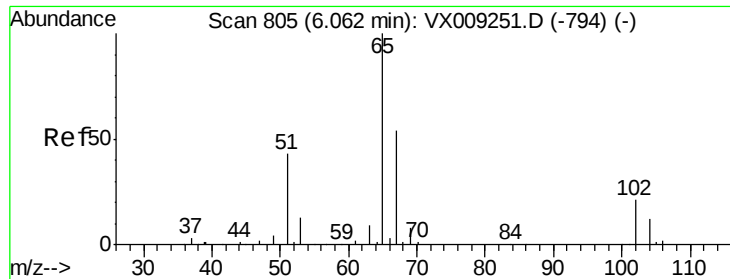
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 75.6 59.7 89.5

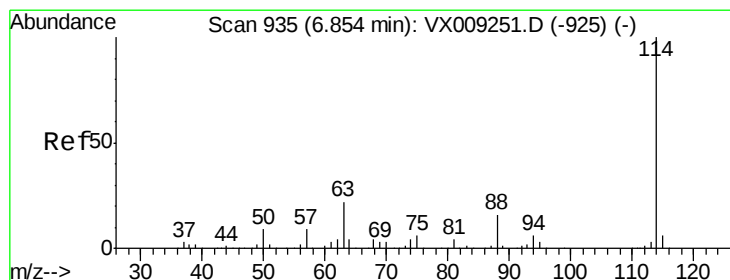
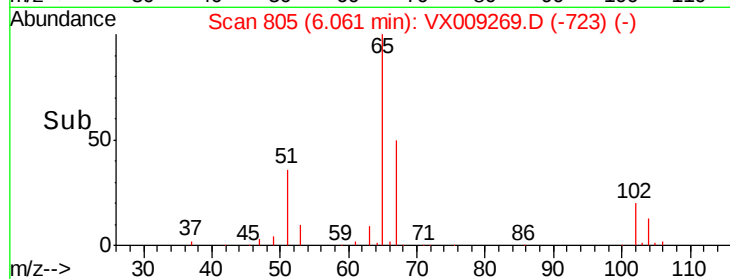
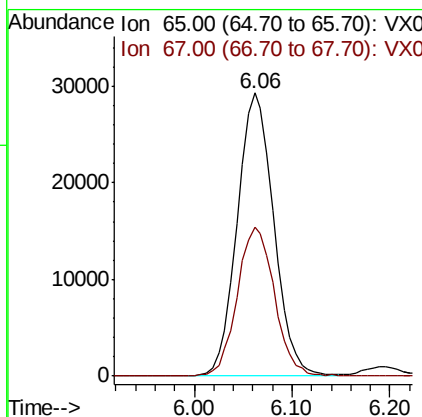
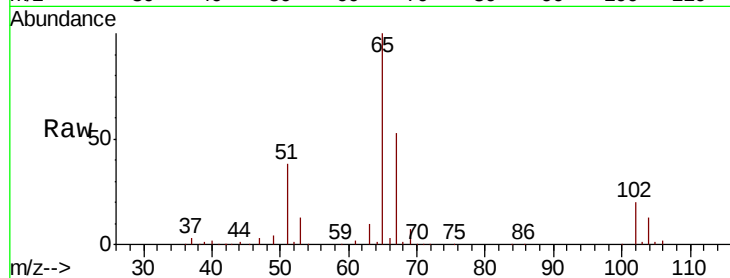




#27
 1,2-Dichloroethane-d4
 Concen: 29.578 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

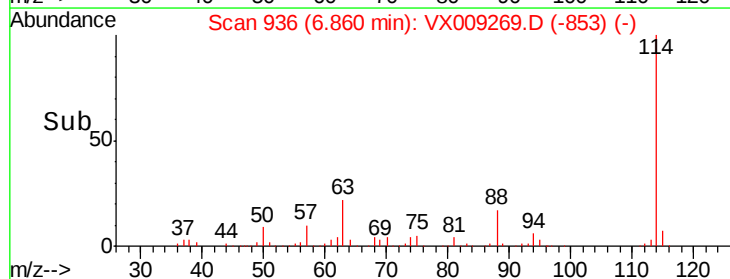
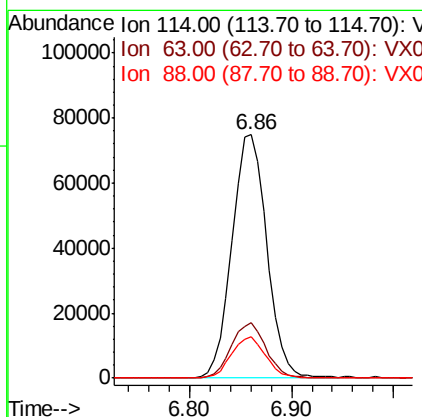
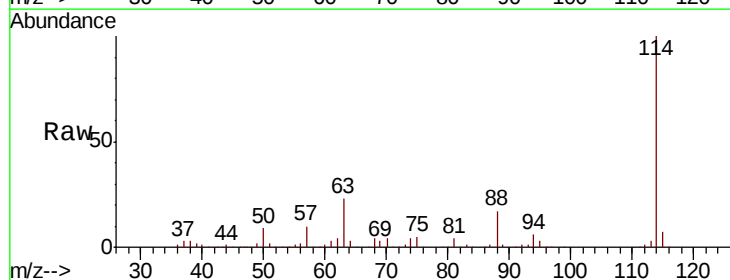
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

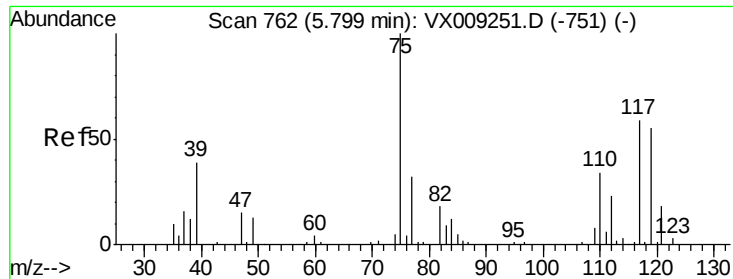
Tot Ion: 65 Resp: 76226
 Ion Ratio Lower Upper
 65 100
 67 53.4 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion: 114 Resp: 178271
 Ion Ratio Lower Upper
 114 100
 63 22.7 18.0 27.0
 88 16.6 13.4 20.0





#29

1,1-Dichloropropene

Concen: 19.612 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

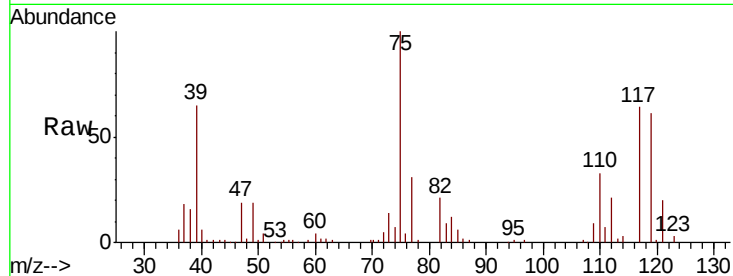
Tot Ion: 75 Resp: 51302

Ion Ratio Lower Upper

75 100

110 34.0 0.0 66.4

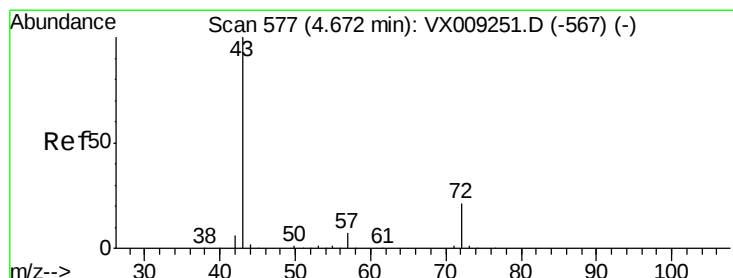
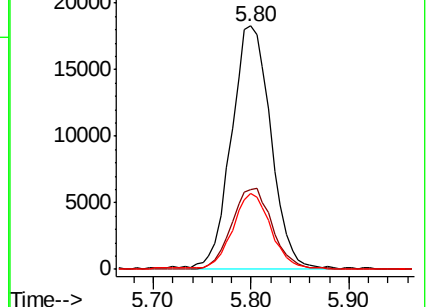
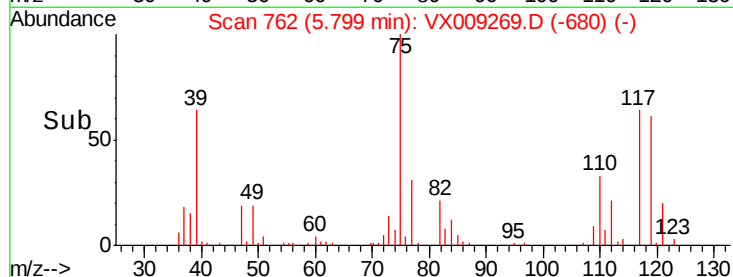
77 30.4 0.0 62.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 101.324 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

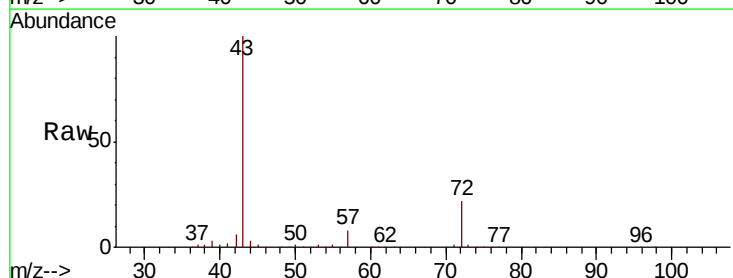
Tgt Ion: 43 Resp: 207569

Ion Ratio Lower Upper

43 100

57 7.6 6.0 9.0

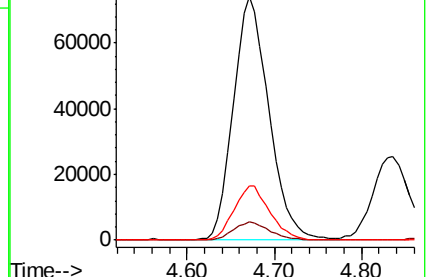
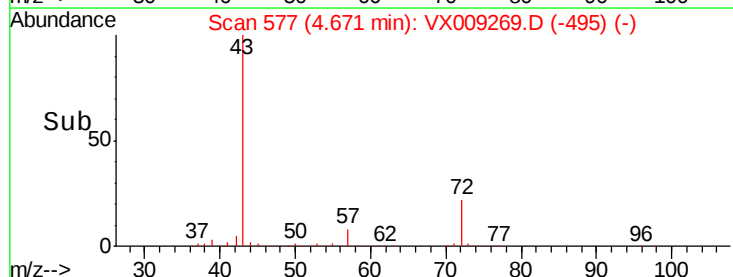
72 22.8 18.2 27.4

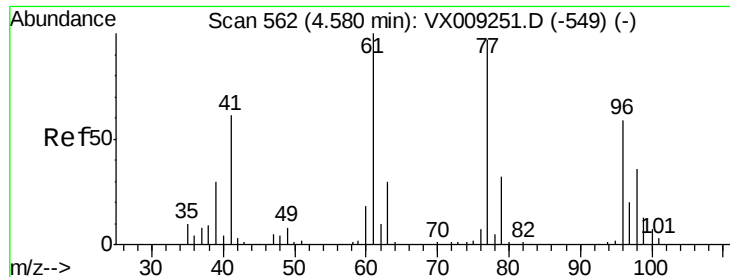


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

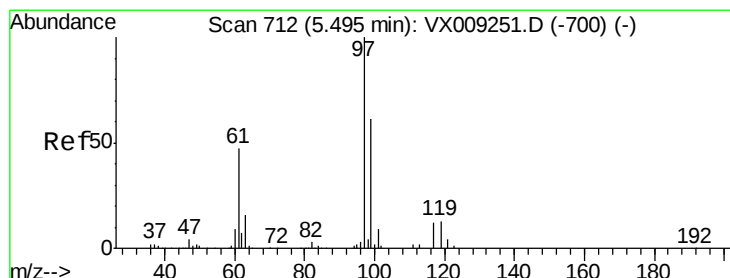
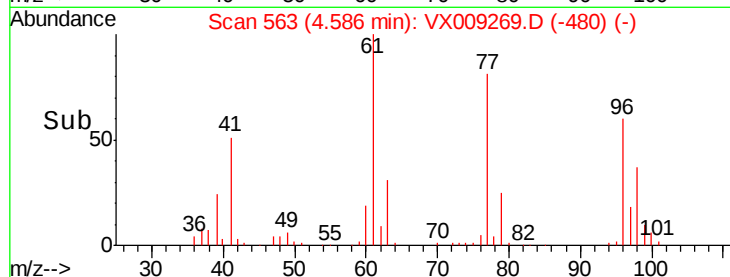
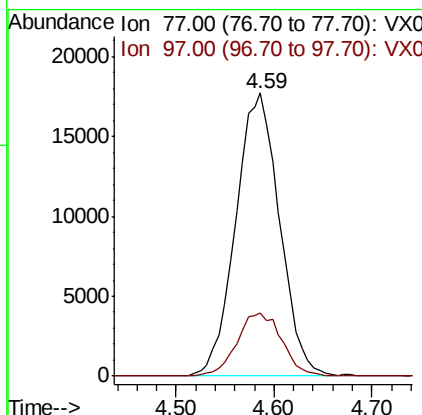
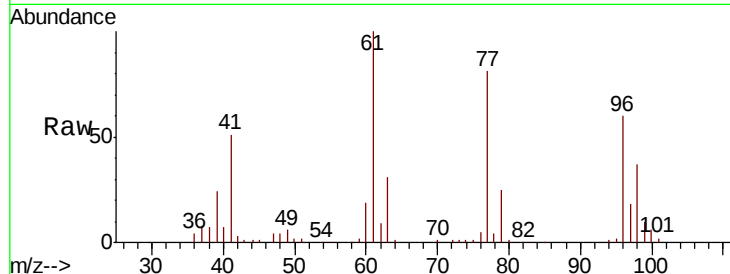




#31
 2,2-Dichloropropane
 Concen: 19.120 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

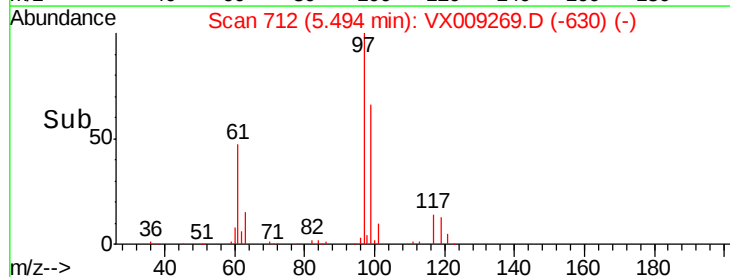
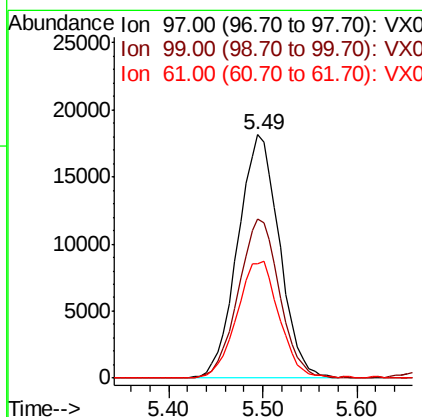
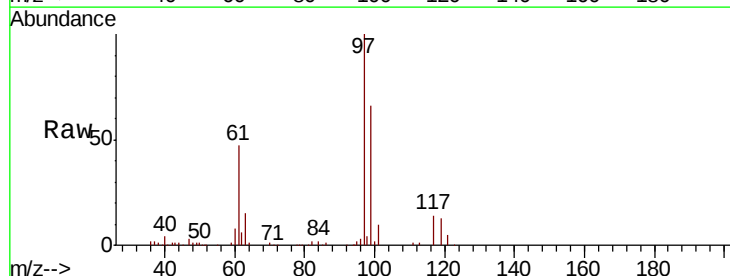
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

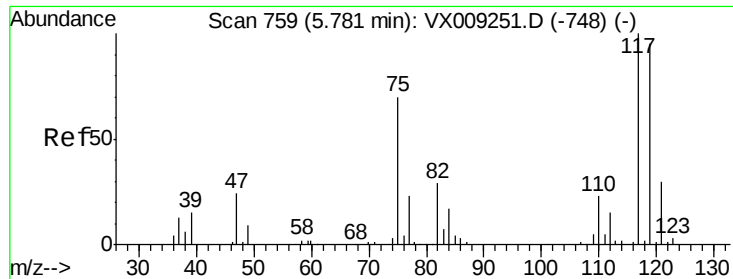
Tot Ion: 77 Resp: 55137
 Ion Ratio Lower Upper
 77 100
 97 22.8 18.3 27.5



#32
 1,1,1-Trichloroethane
 Concen: 19.778 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion: 97 Resp: 56086
 Ion Ratio Lower Upper
 97 100
 99 64.8 53.9 80.9
 61 48.5 38.6 58.0

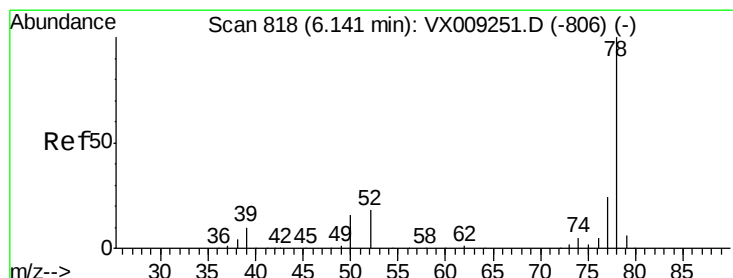
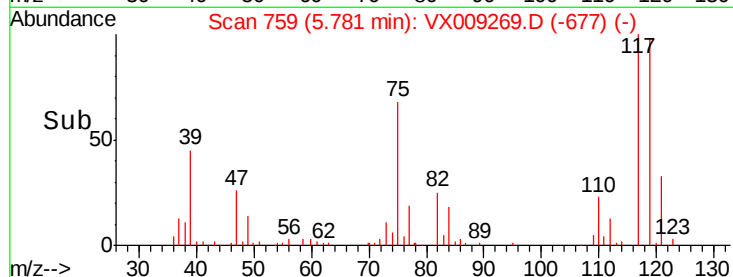
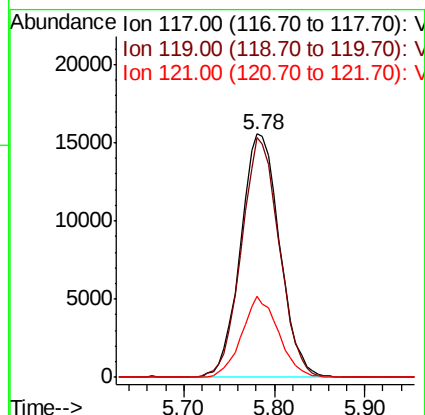
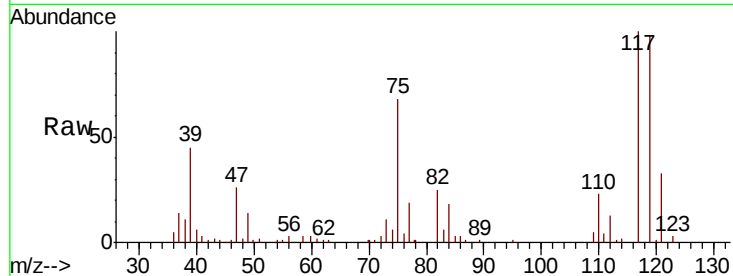




#33
Carbon Tetrachloride
Concen: 19.571 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

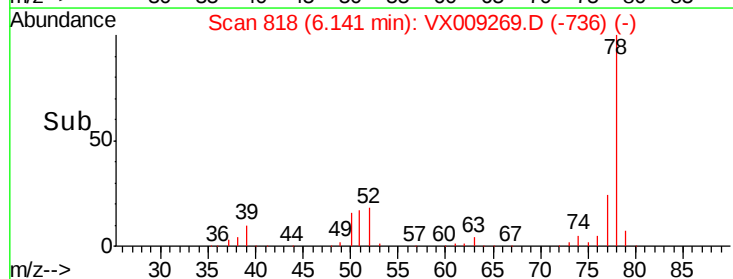
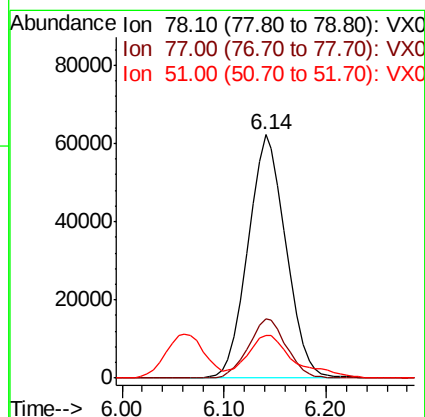
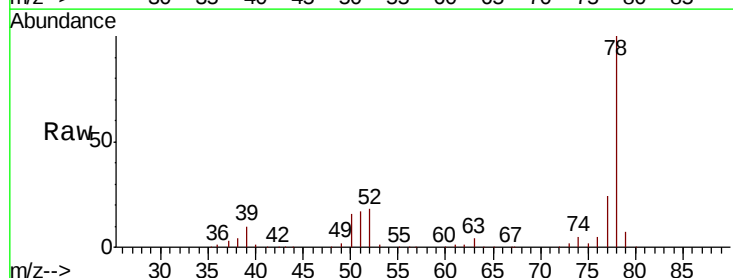
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

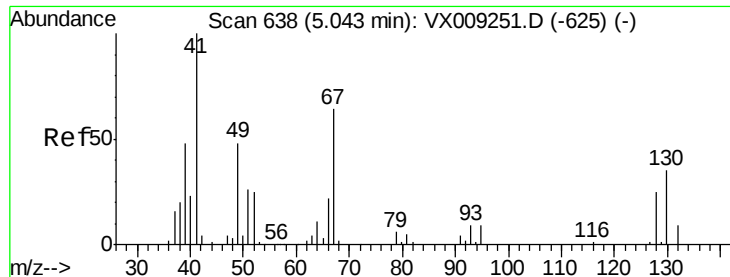
Tot Ion:117 Resp: 46435
Ion Ratio Lower Upper
117 100
119 98.2 76.1 114.1
121 33.0 24.4 36.6



#34
Benzene
Concen: 19.906 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion: 78 Resp: 160534
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2
51 15.5 13.5 20.3

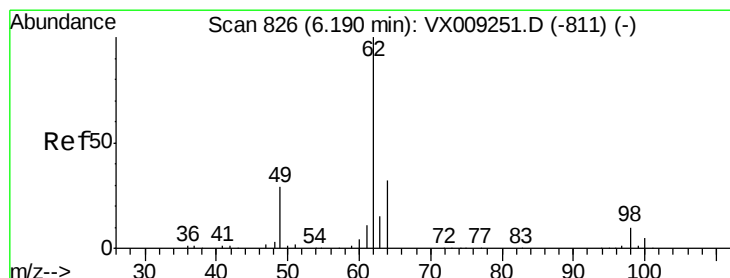
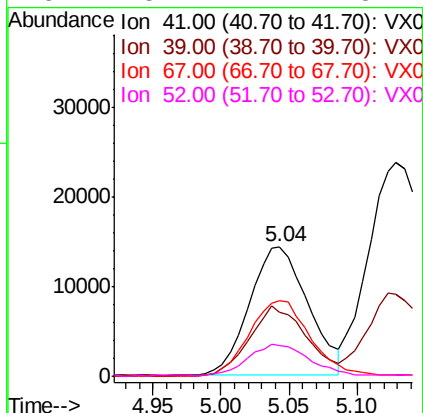
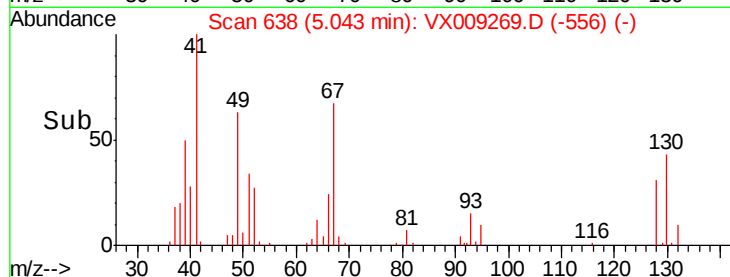
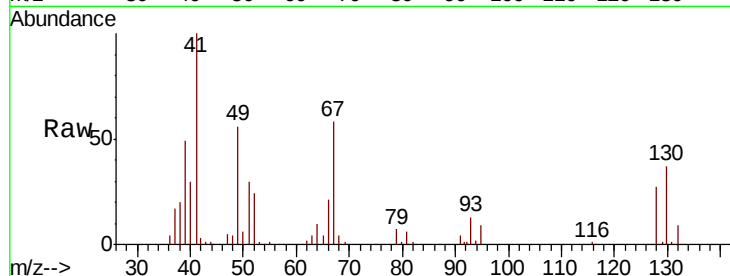




#35
Methacrylonitrile
Concen: 20.241 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

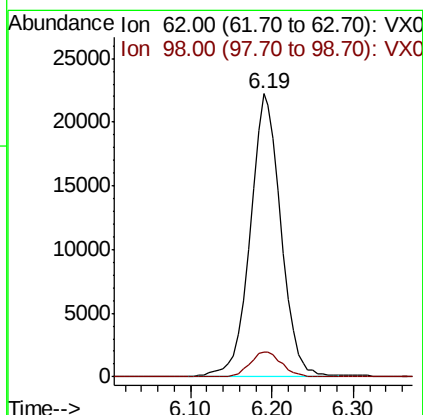
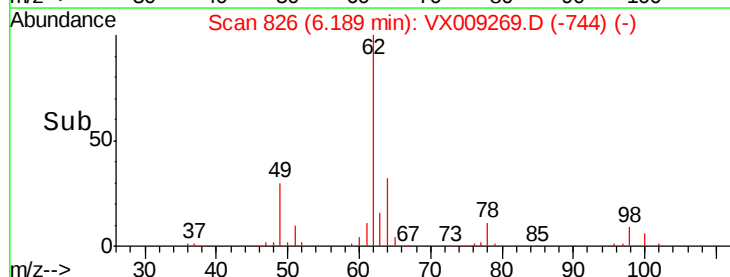
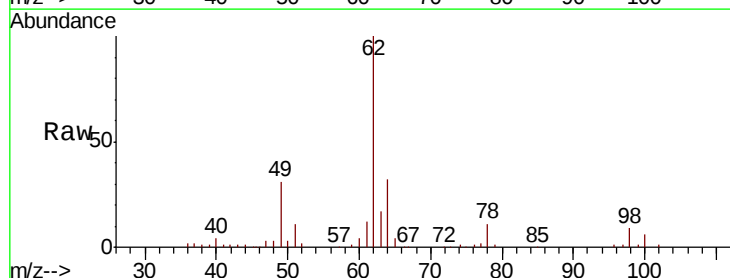
Instrument :
MSVOA_X
ClientSampled :
VX0502WBS01

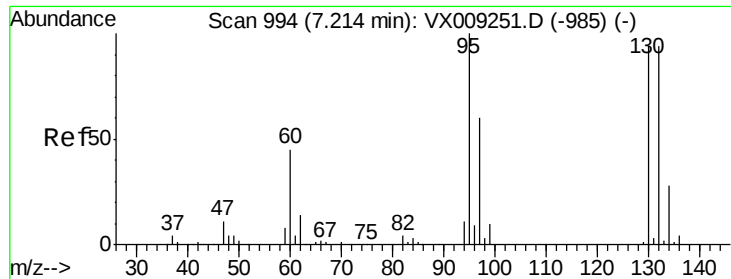
Tot Ion:	41	Resp:	43383
Ion	Ratio	Lower	Upper
41	100		
39	48.9	24.1	72.3
67	58.7	32.2	96.6
52	23.1	12.4	37.4



#36
1,2-Dichloroethane
Concen: 19.930 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion:	62	Resp:	58320
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.2

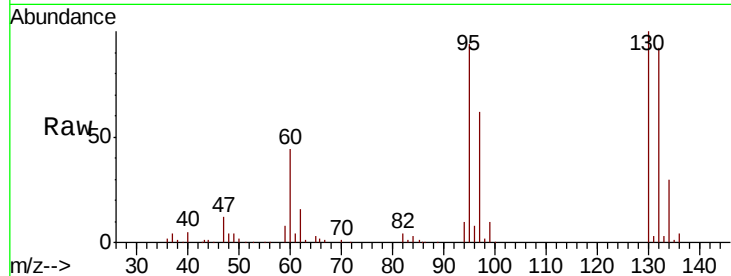




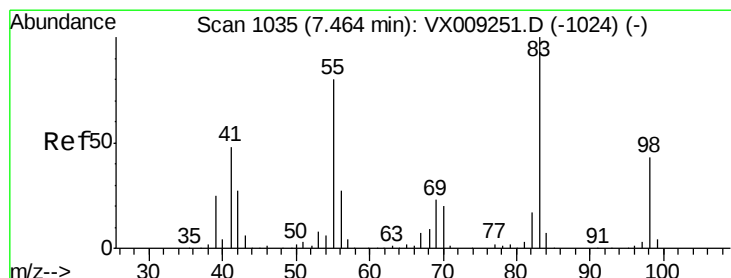
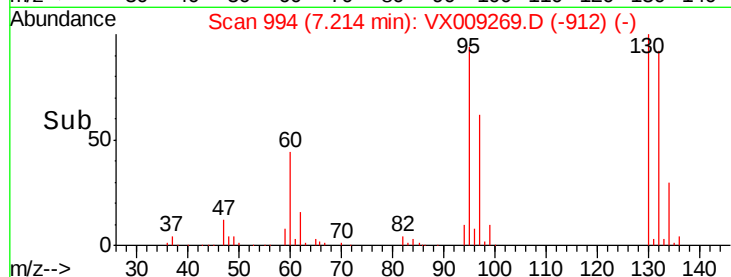
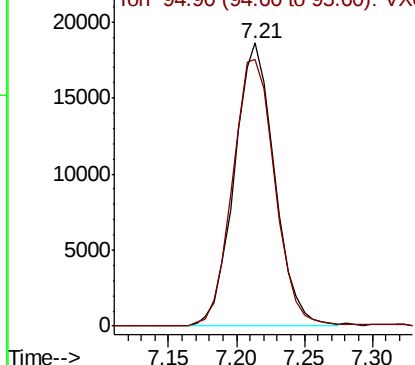
#37
 Trichloroethene
 Concen: 19.845 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

Tot Ion:130 Resp: 38526
 Ion Ratio Lower Upper
 130 100
 95 94.0 85.0 127.4

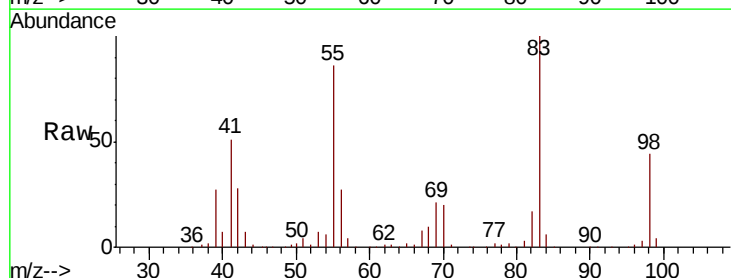


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

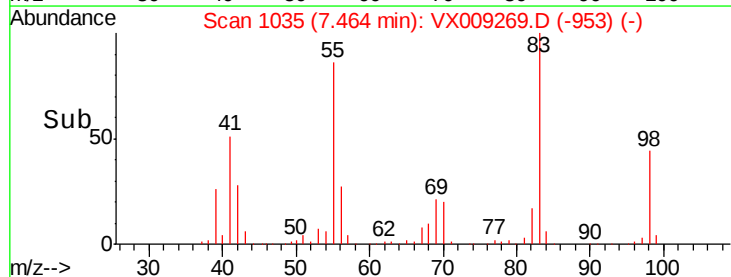
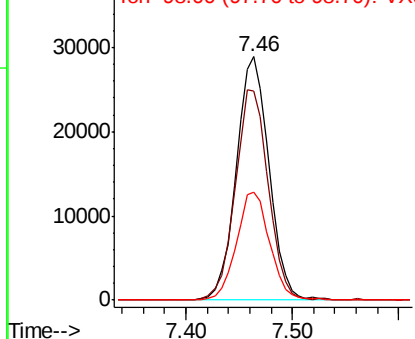


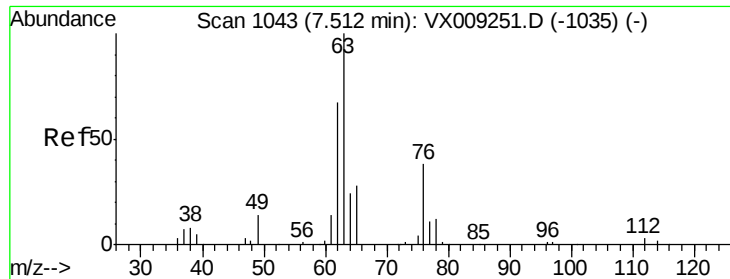
#38
 Methylcyclohexane
 Concen: 19.277 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion: 83 Resp: 62298
 Ion Ratio Lower Upper
 83 100
 55 87.3 43.0 129.2
 98 45.0 22.1 66.1



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

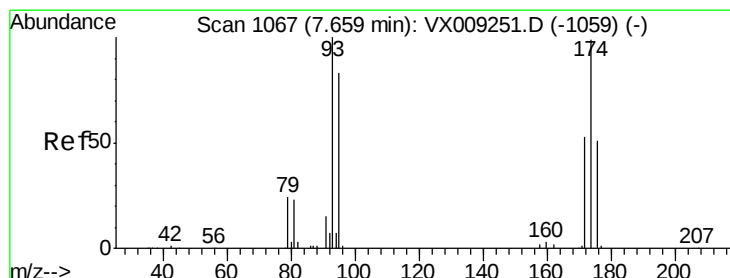
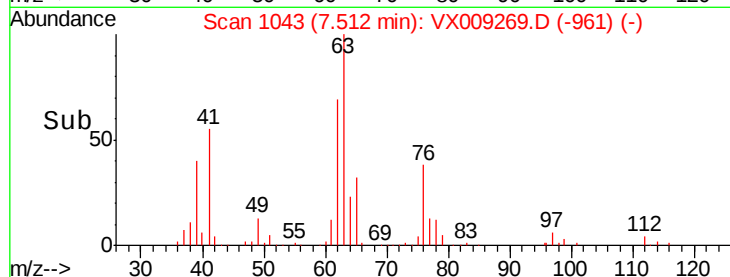
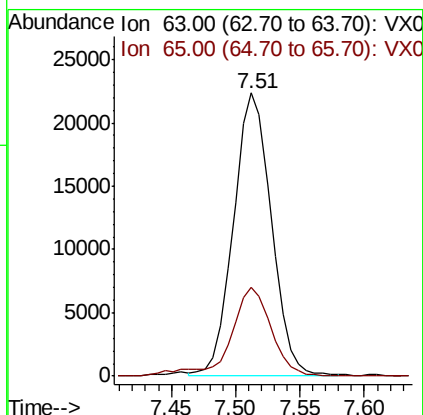
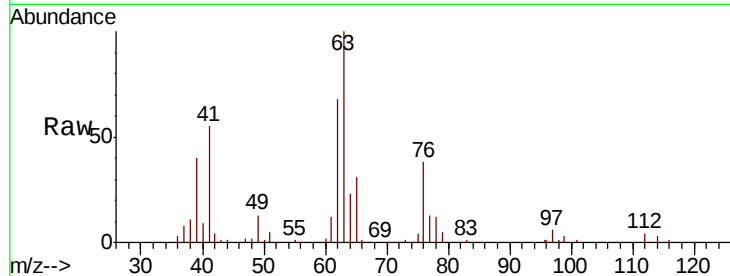




#39
 1,2-Dichloropropane
 Concen: 19.932 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

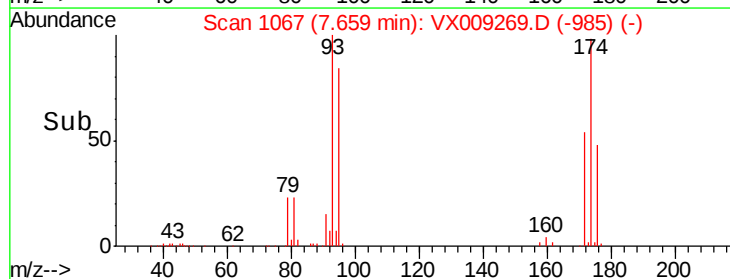
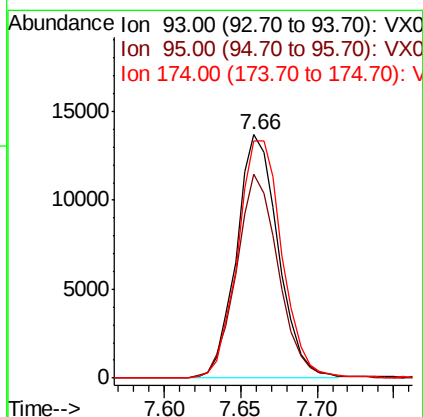
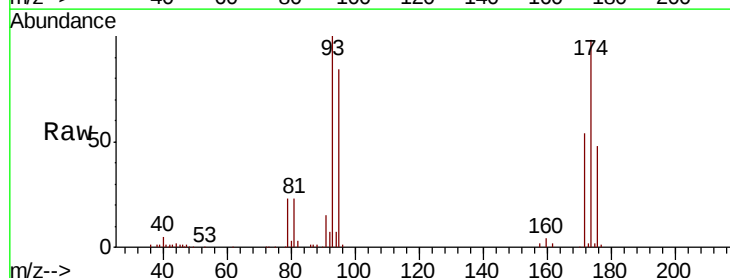
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

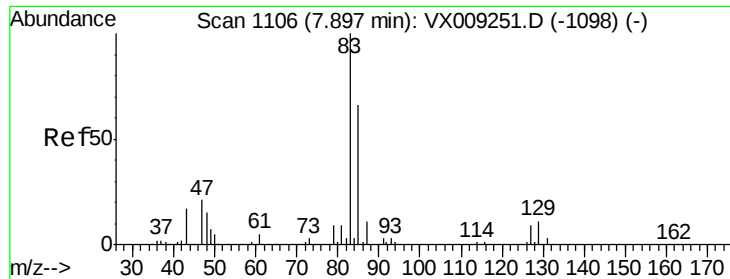
Tot Ion: 63 Resp: 45774
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.0 36.0



#40
 Dibromomethane
 Concen: 19.891 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion: 93 Resp: 25927
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 167.2
 174 103.8 0.0 203.4





#41

Bromodichloromethane

Concen: 19.255 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

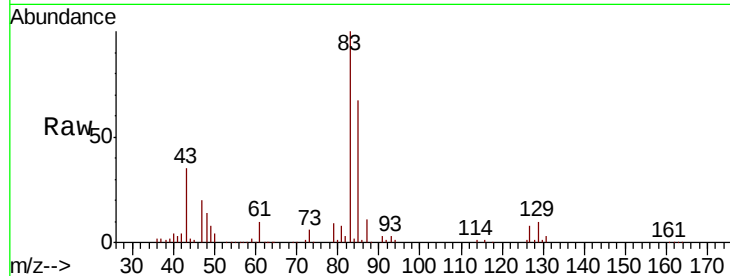
Tot Ion: 83 Resp: 51266

Ion Ratio Lower Upper

83 100

85 67.4 52.6 79.0

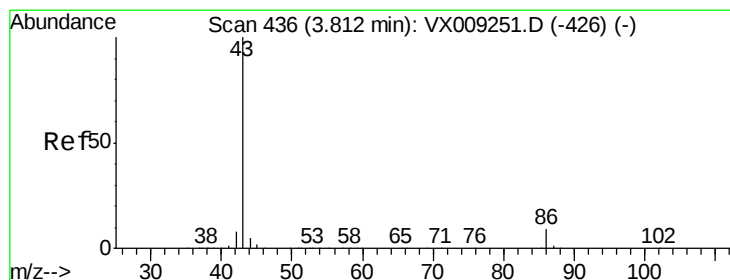
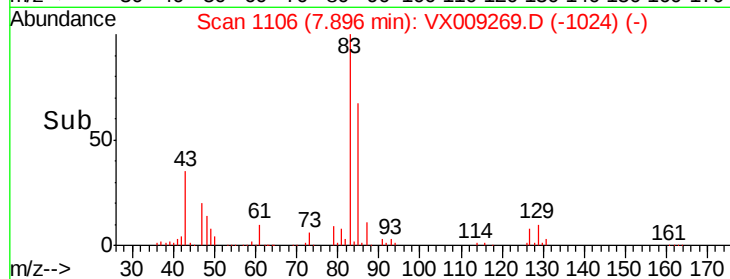
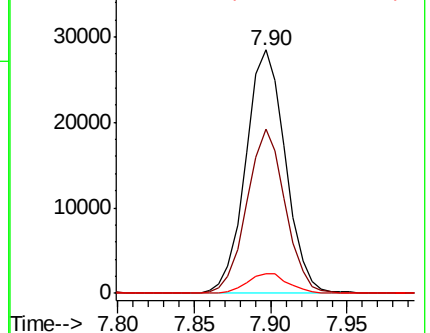
127 8.2 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 100.010 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009269.D

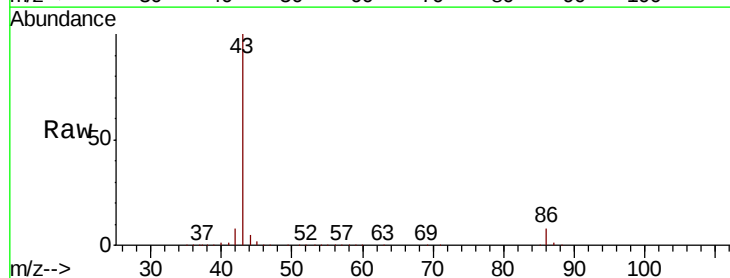
Acq: 02 May 2019 11:51

Tgt Ion: 43 Resp: 676190

Ion Ratio Lower Upper

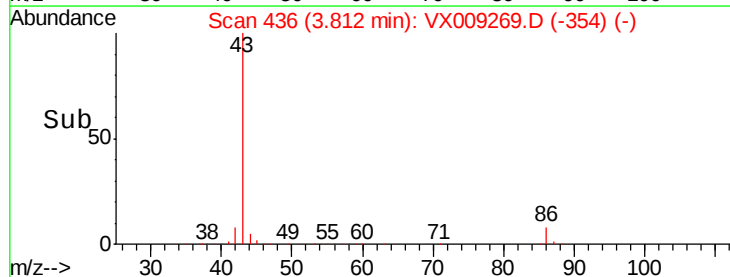
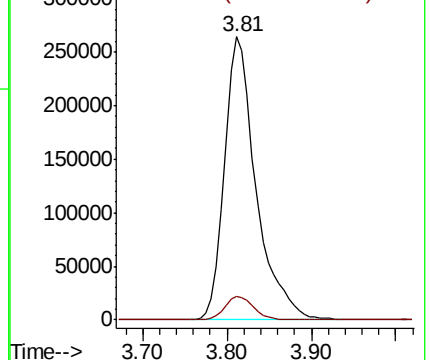
43 100

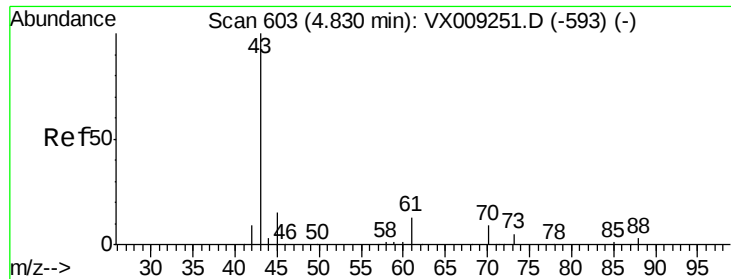
86 7.7 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

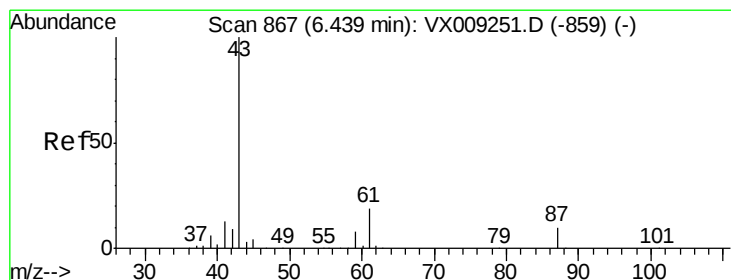
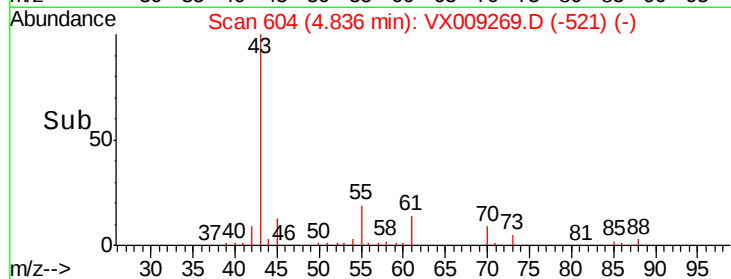
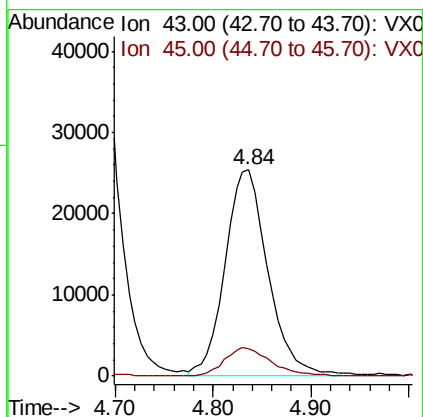
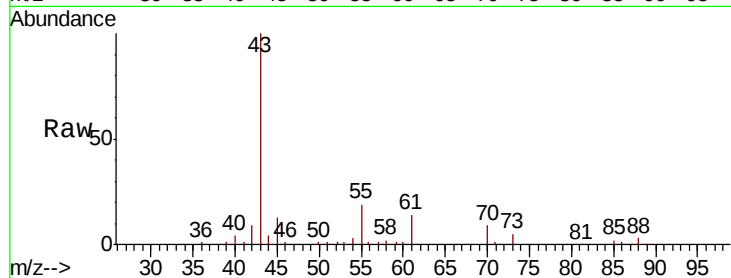




#43
Ethyl Acetate
Concen: 20.684 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

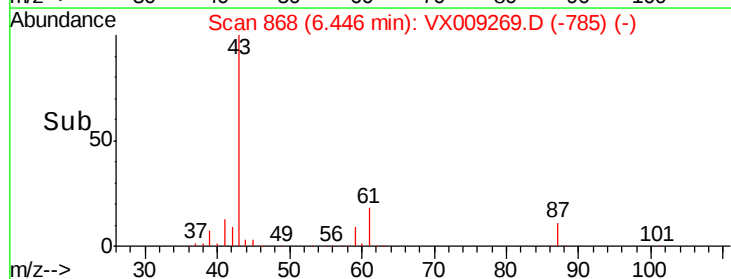
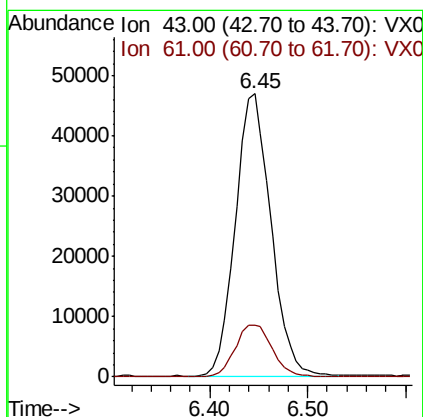
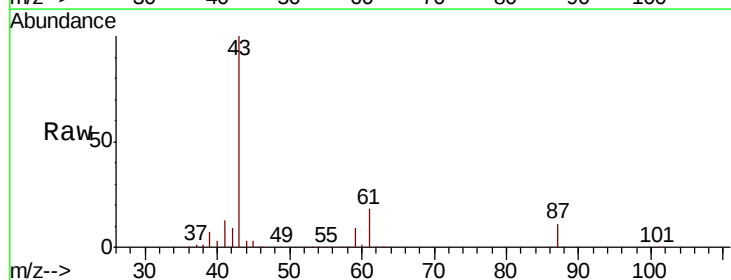
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

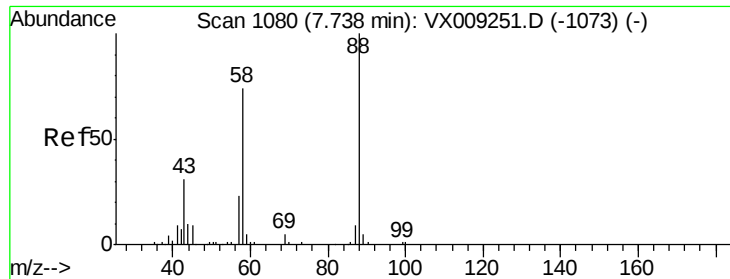
Tot Ion: 43 Resp: 76568
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.761 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.01 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion: 43 Resp: 118500
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.2





#45

1,4-Dioxane

Concen: 405.479 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

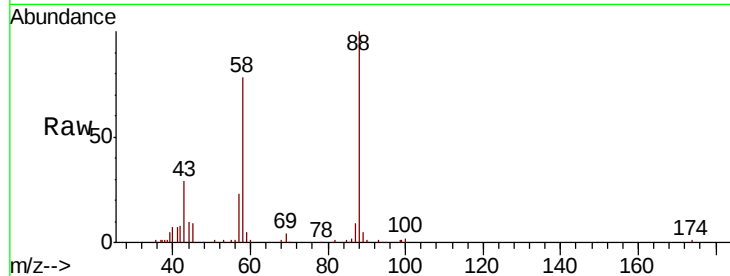
Tot Ion: 88 Resp: 23873

Ion Ratio Lower Upper

88 100

43 35.6 28.5 42.7

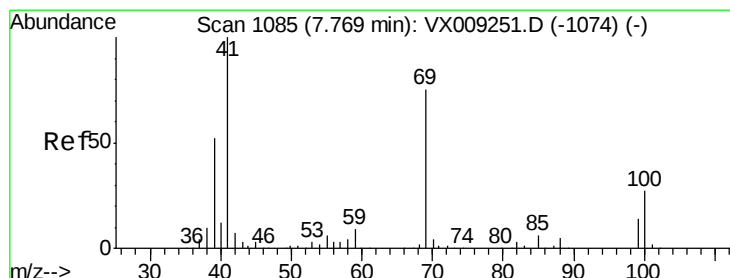
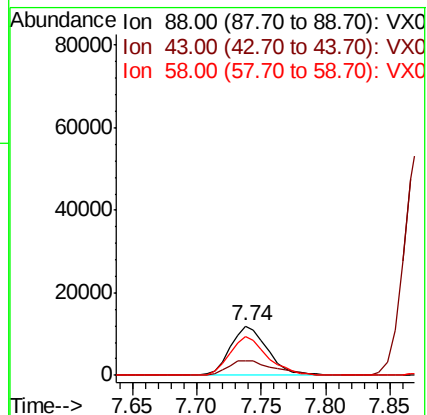
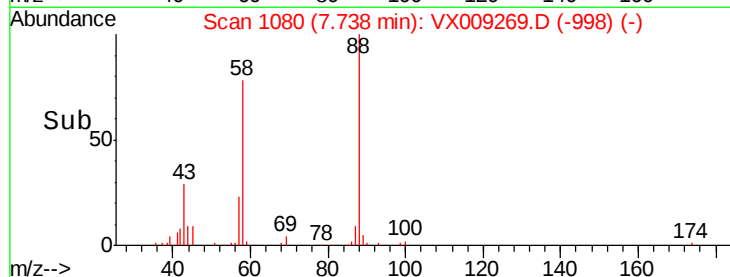
58 80.6 62.5 93.7



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



#46

Methyl methacrylate

Concen: 20.105 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

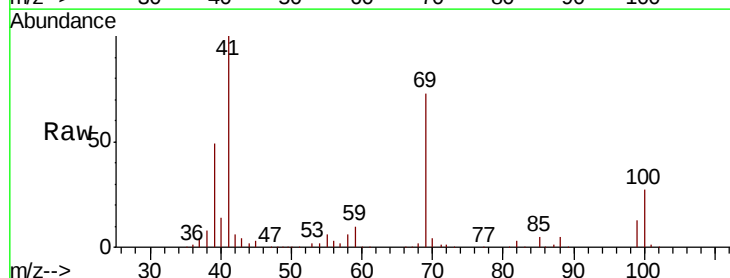
Tgt Ion: 41 Resp: 60177

Ion Ratio Lower Upper

41 100

69 73.0 37.6 112.8

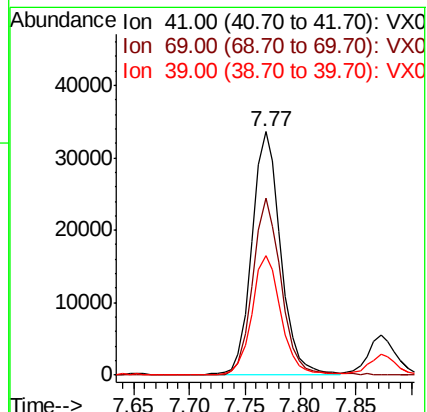
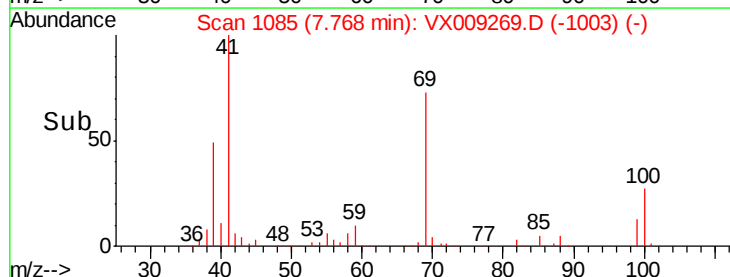
39 49.2 25.8 77.3

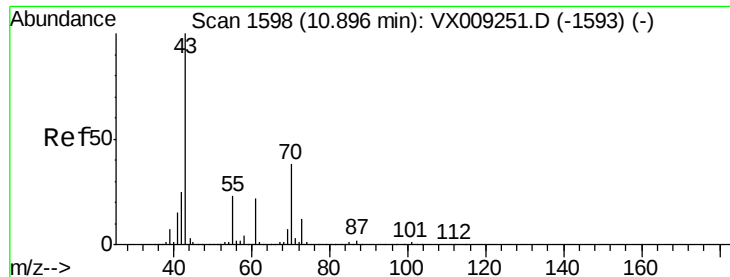


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.823 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

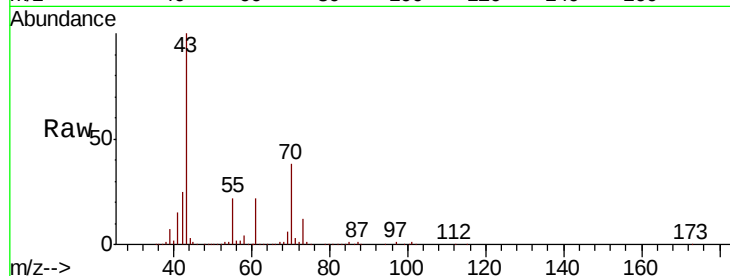
VX0502WBS01

Tot Ion: 43 Resp: 101686

Ion Ratio Lower Upper

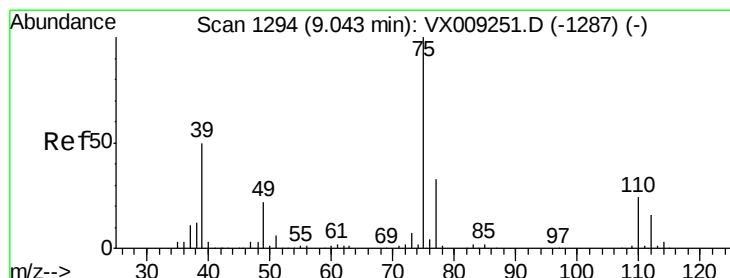
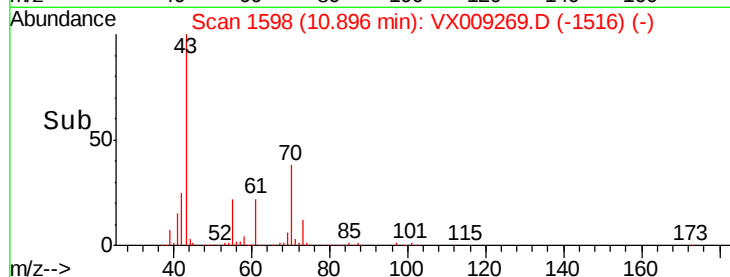
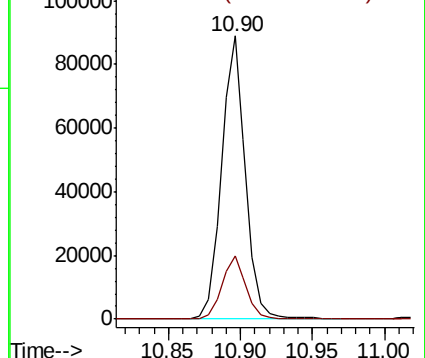
43 100

55 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.879 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009269.D

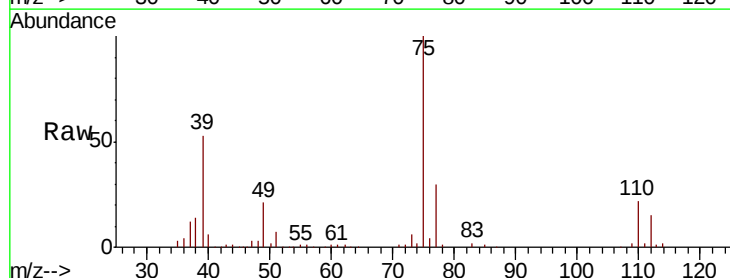
Acq: 02 May 2019 11:51

Tgt Ion: 75 Resp: 58648

Ion Ratio Lower Upper

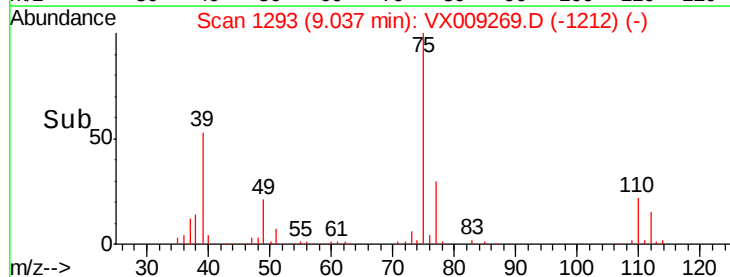
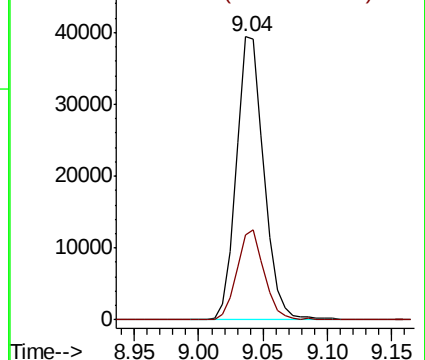
75 100

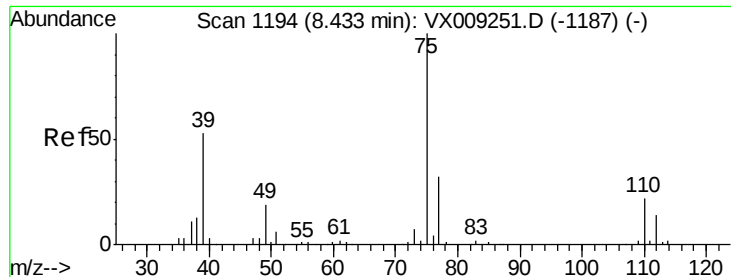
77 30.0 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

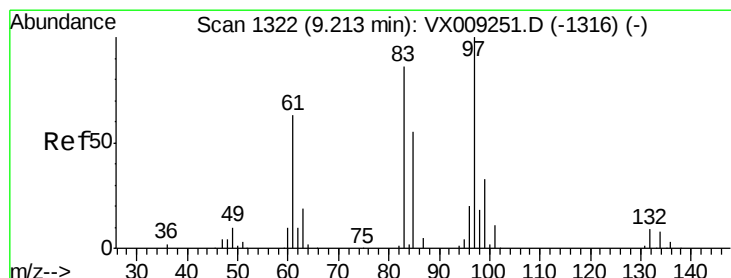
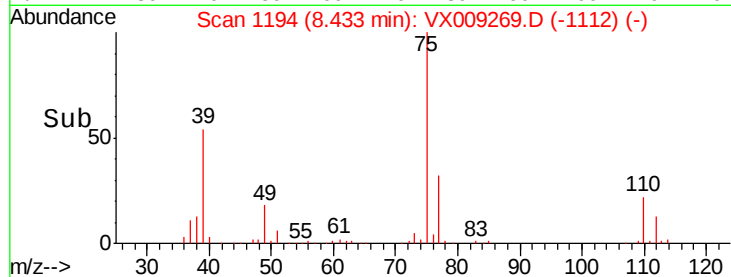
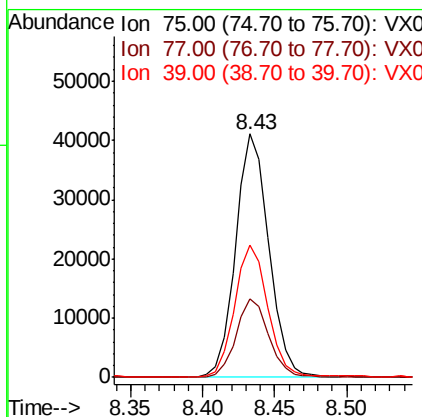
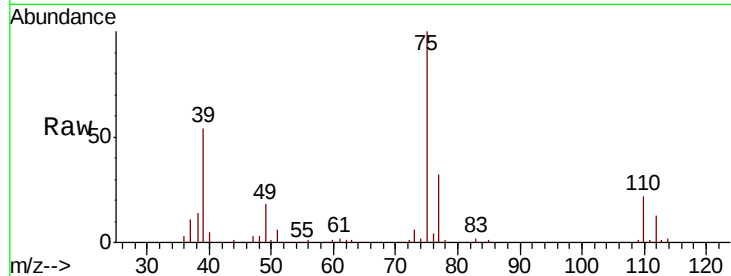




#49
 cis-1,3-Dichloropropene
 Concen: 19.293 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

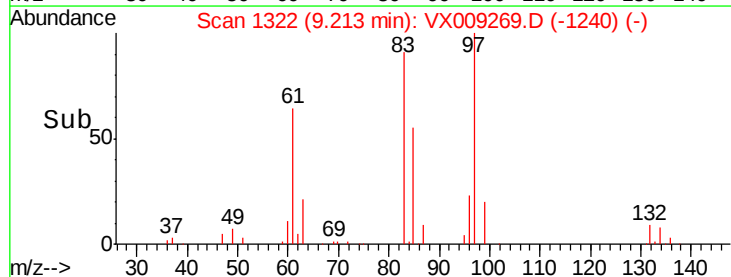
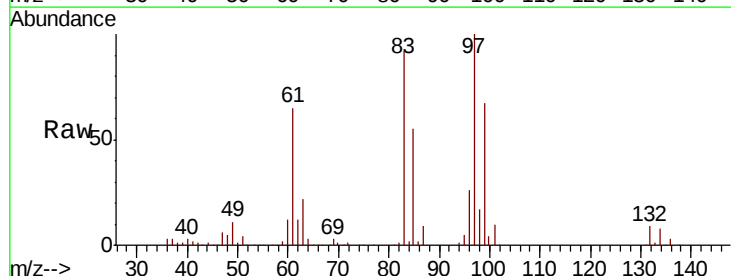
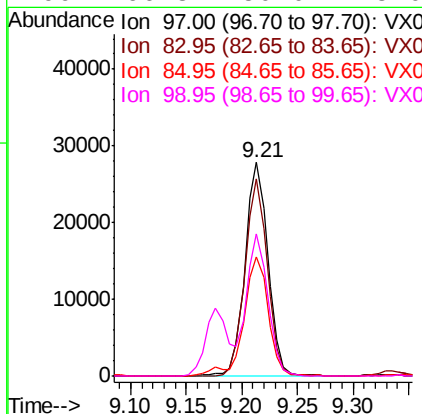
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

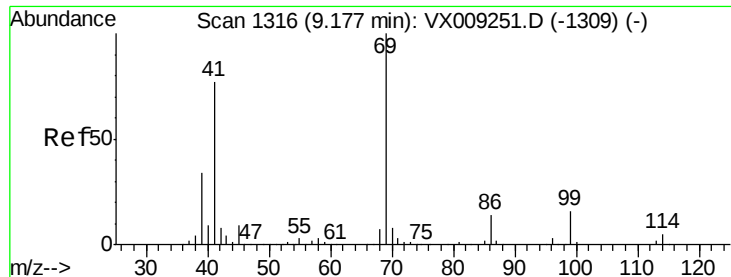
Tot Ion: 75 Resp: 65796
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.0 39.0
 39 54.1 42.6 63.8



#50
 1,1,2-Trichloroethane
 Concen: 20.027 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion: 97 Resp: 39994
 Ion Ratio Lower Upper
 97 100
 83 92.0 68.8 103.2
 85 55.5 45.8 68.6
 99 66.8 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.386 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

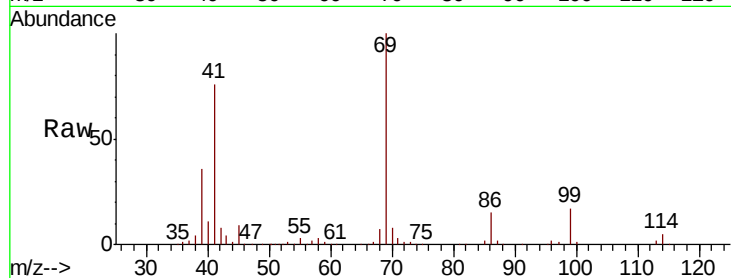
Tot Ion: 69 Resp: 71541

Ion Ratio Lower Upper

69 100

41 75.9 38.4 115.2

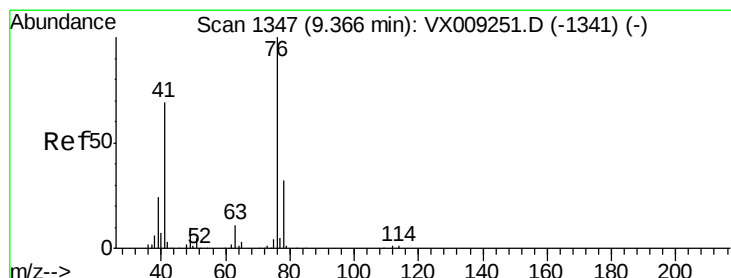
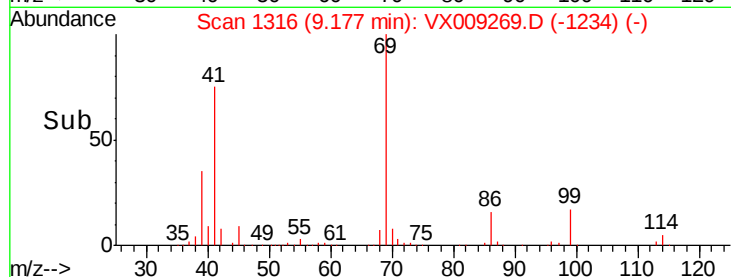
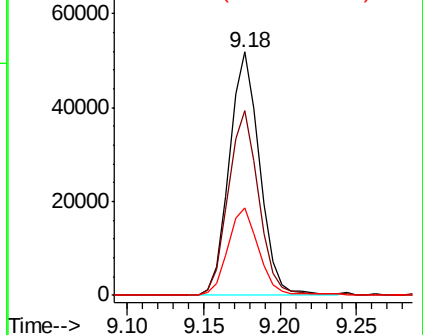
39 35.4 17.2 51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.909 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX009269.D

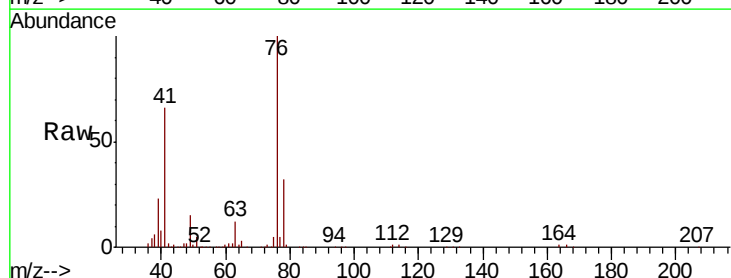
Acq: 02 May 2019 11:51

Tgt Ion: 76 Resp: 70562

Ion Ratio Lower Upper

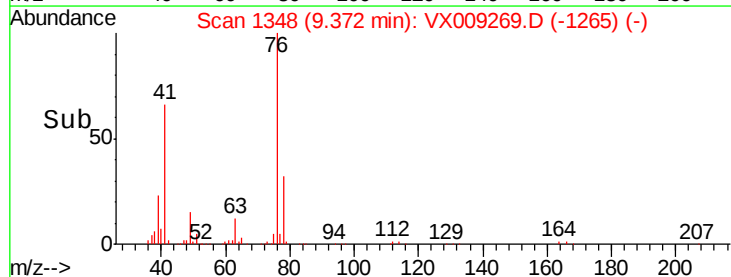
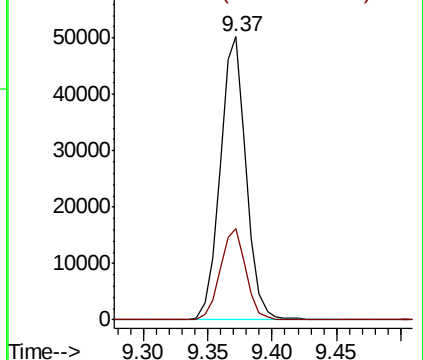
76 100

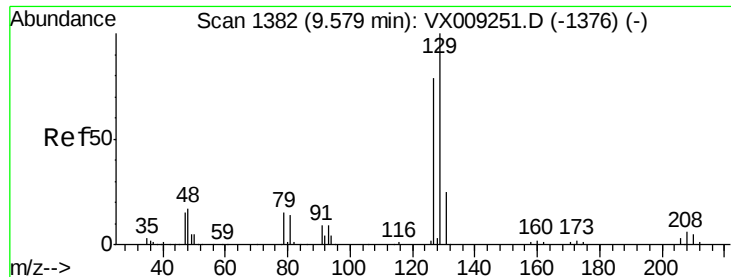
78 32.2 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.434 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

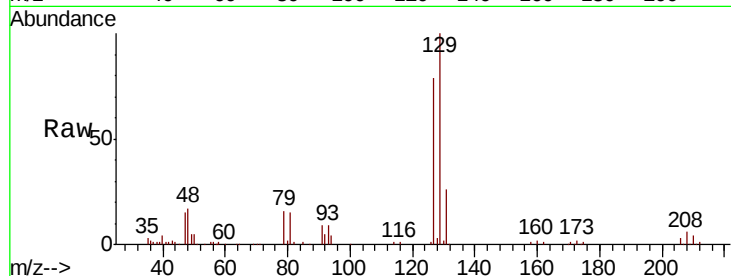
VX0502WBS01

Tot Ion:129 Resp: 38651

Ion Ratio Lower Upper

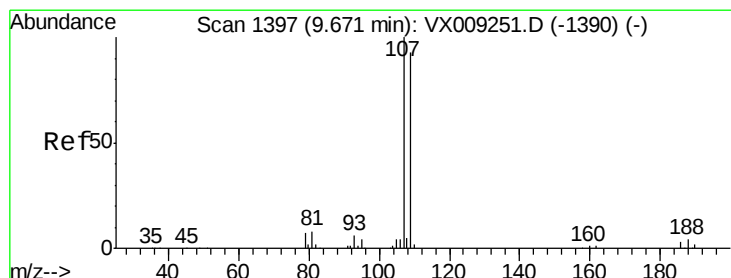
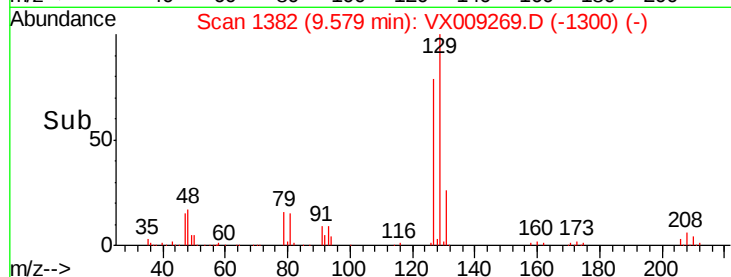
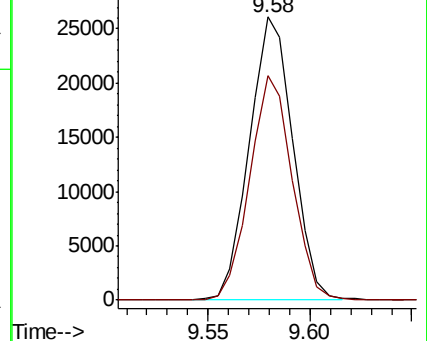
129 100

127 77.4 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.218 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009269.D

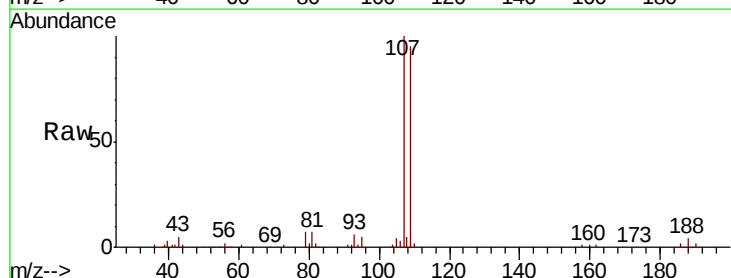
Acq: 02 May 2019 11:51

Tgt Ion:107 Resp: 41409

Ion Ratio Lower Upper

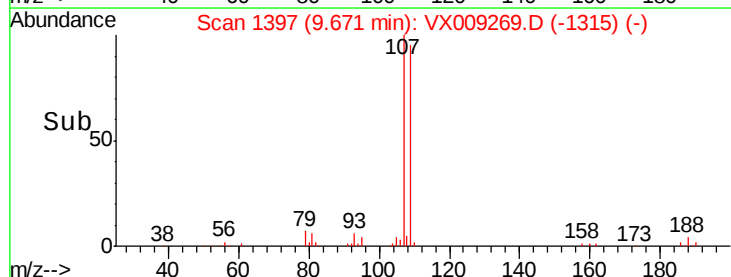
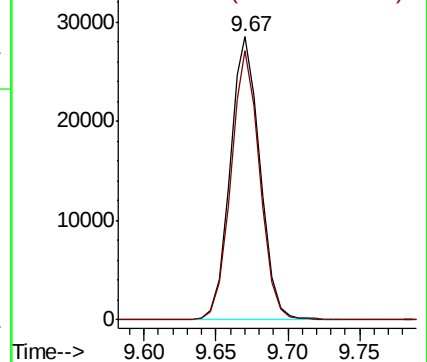
107 100

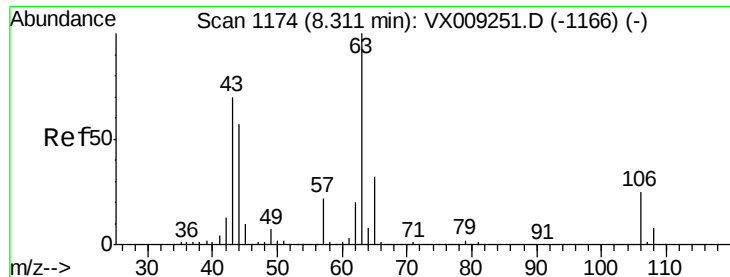
109 92.1 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

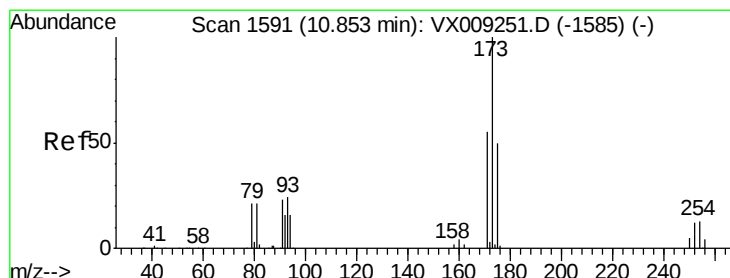
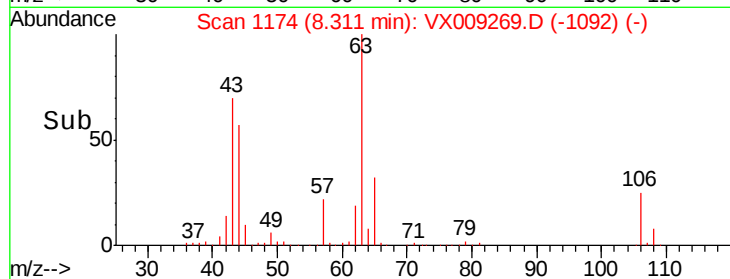
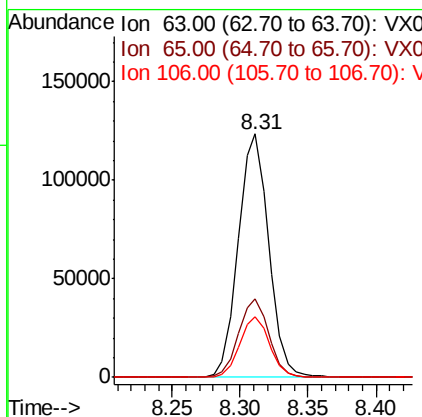
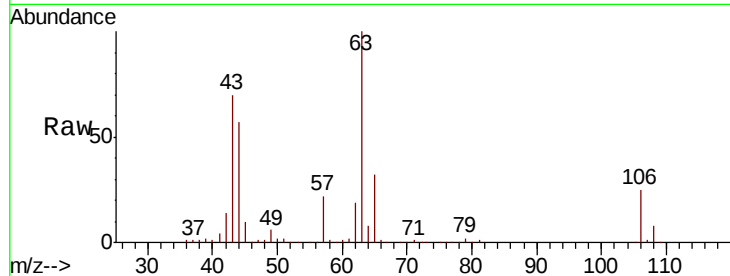




#55
2-Chloroethyl vinyl ether
Concen: 98.116 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

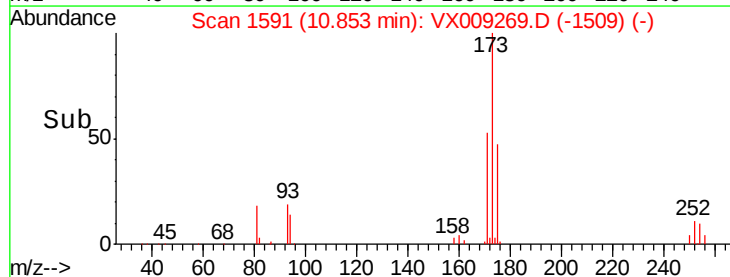
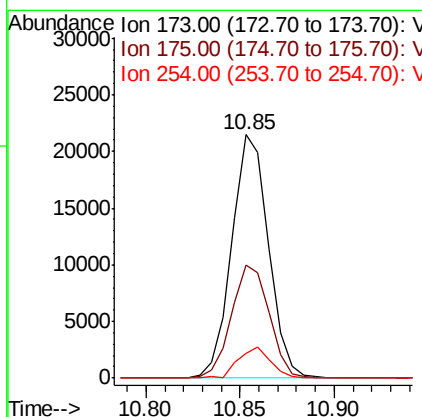
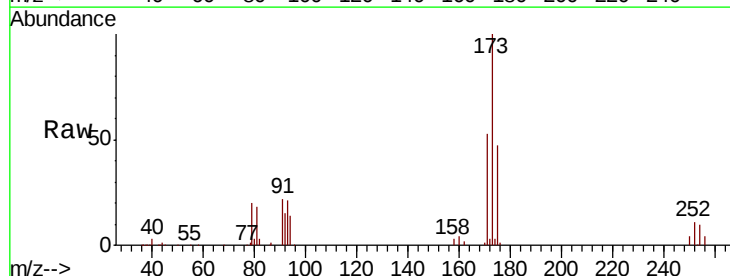
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

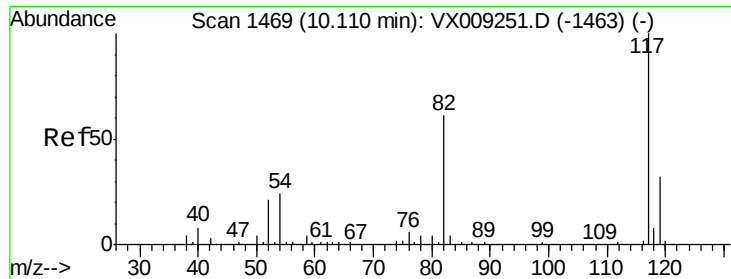
Tot Ion: 63 Resp: 192942
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 24.6 19.8 29.6



#56
Bromoform
Concen: 19.071 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion:173 Resp: 29116
Ion Ratio Lower Upper
173 100
175 47.6 39.4 59.2
254 11.1 9.9 14.9

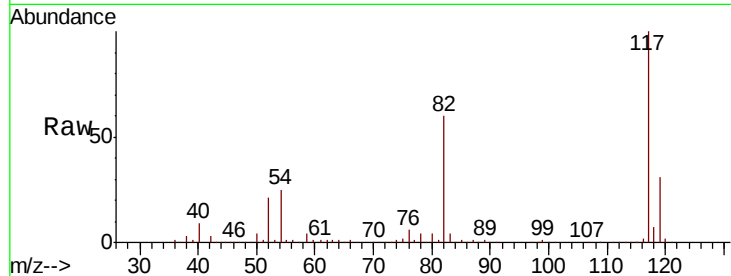




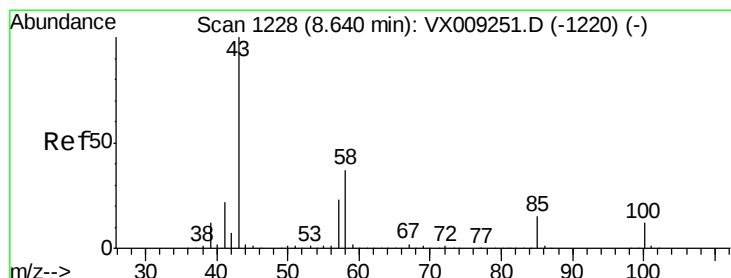
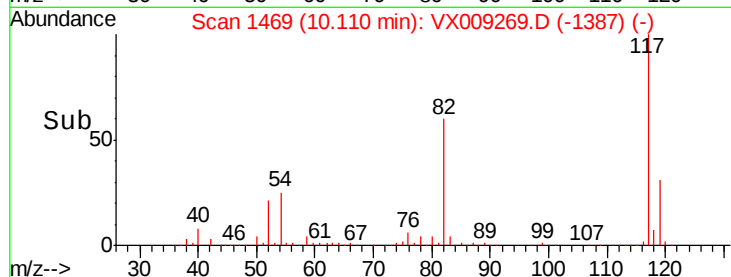
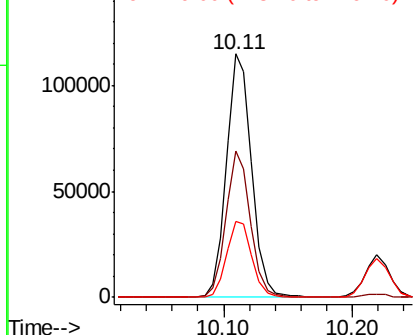
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0502WBS01

Tot Ion:117 Resp: 158011
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 31.6 25.6 38.4

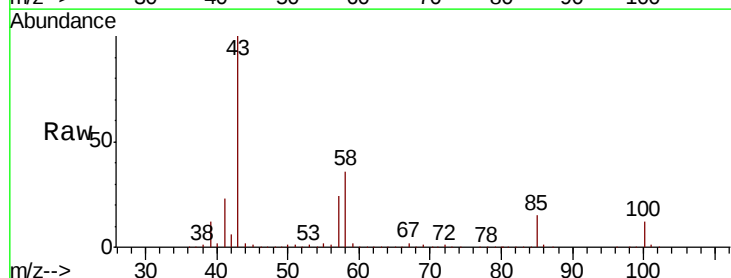


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

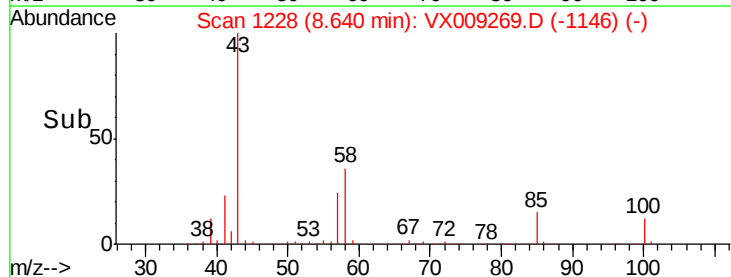
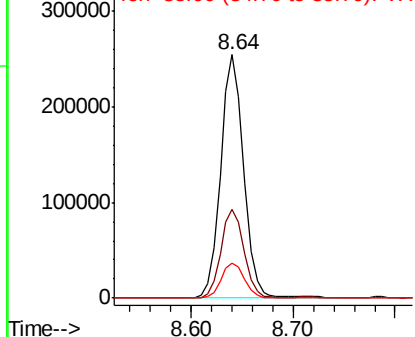


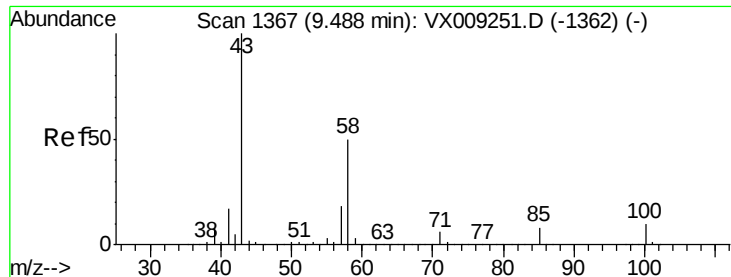
#58
4-Methyl-2-Pentanone
Concen: 102.246 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion: 43 Resp: 397255
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0
85 14.6 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

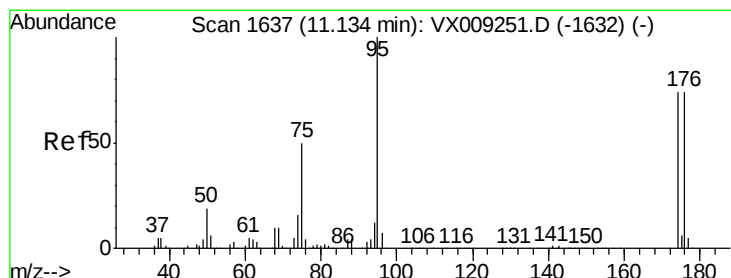
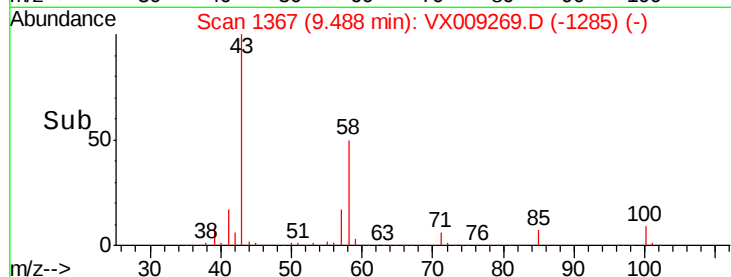
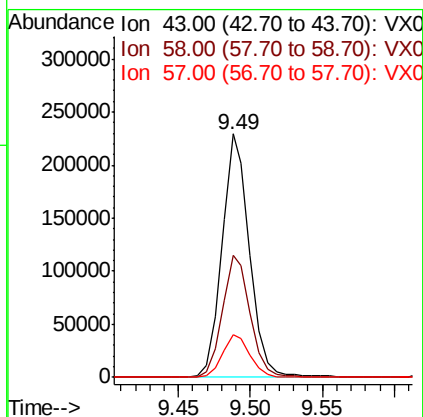
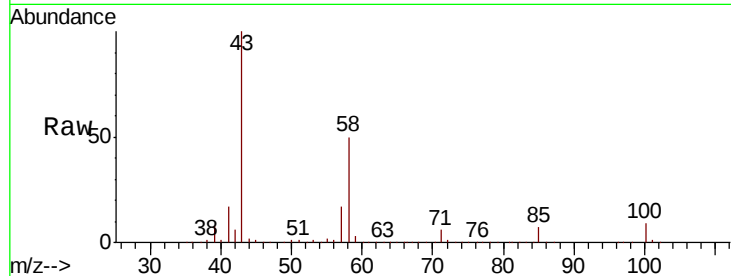




#59
2-Hexanone
Concen: 100.498 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

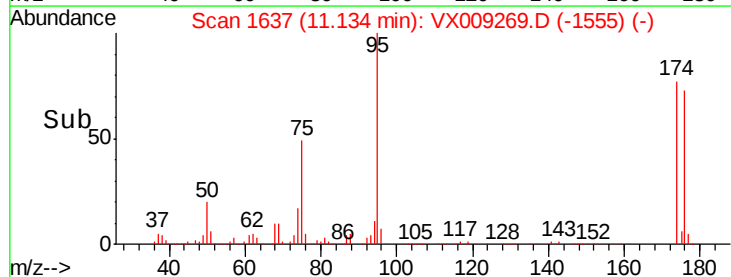
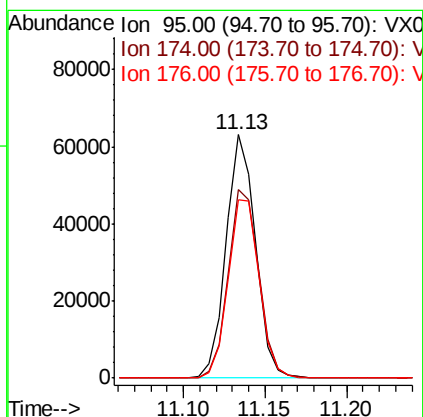
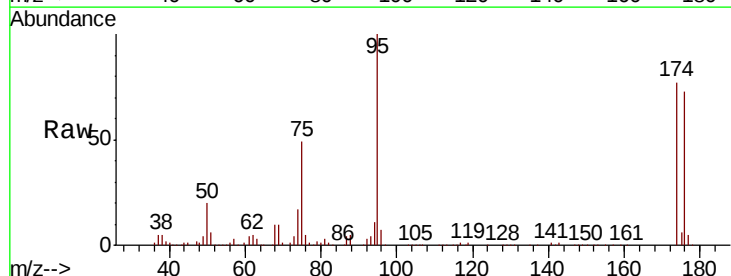
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

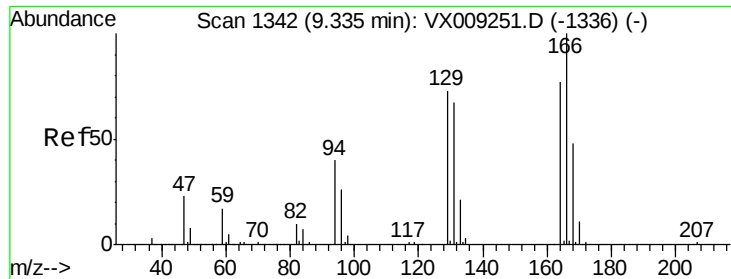
Tot Ion: 43 Resp: 306260
Ion Ratio Lower Upper
43 100
58 50.9 40.8 61.2
57 17.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.360 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion: 95 Resp: 78830
Ion Ratio Lower Upper
95 100
174 80.8 63.6 95.4
176 78.0 62.4 93.6





#61

Tetrachloroethene

Concen: 20.117 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

Tot Ion:164 Resp: 35042

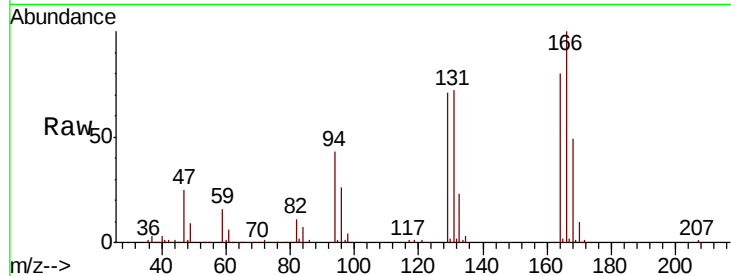
Ion Ratio Lower Upper

164 100

166 124.3 104.1 156.1

129 88.6 76.0 114.0

131 89.3 70.1 105.1

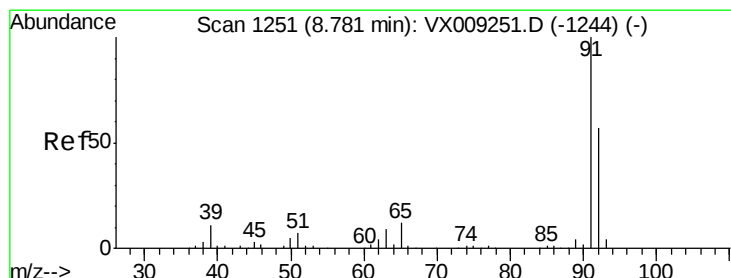
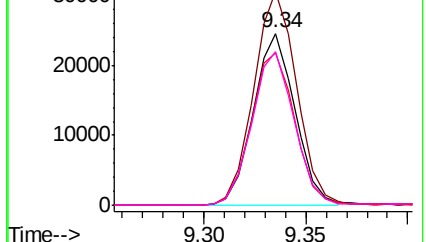
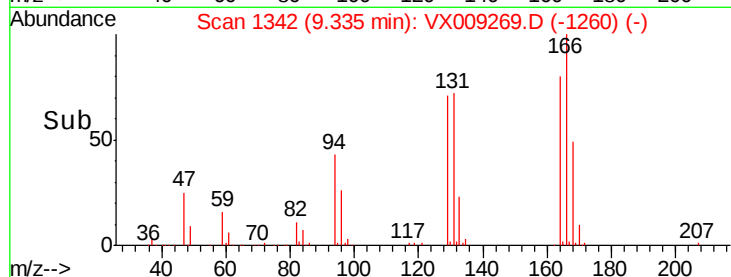


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.054 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX009269.D

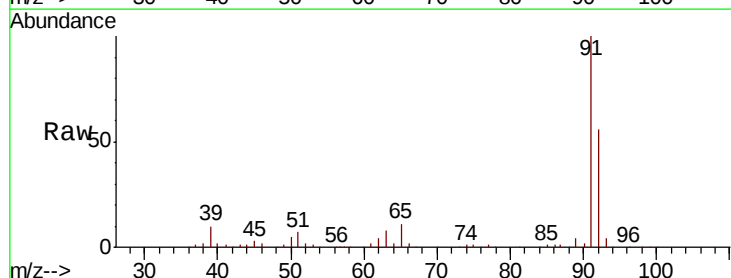
Acq: 02 May 2019 11:51

Tgt Ion: 91 Resp: 169323

Ion Ratio Lower Upper

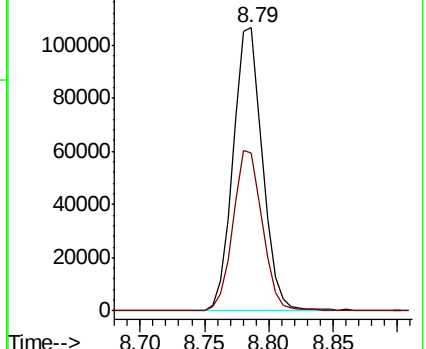
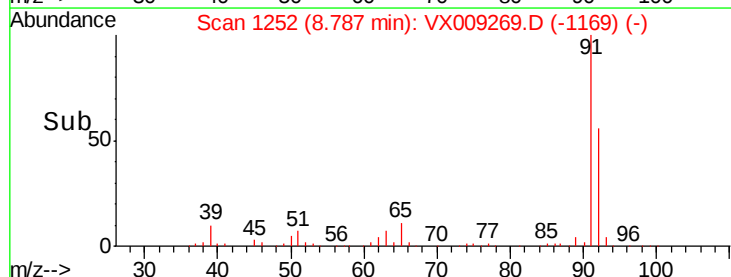
91 100

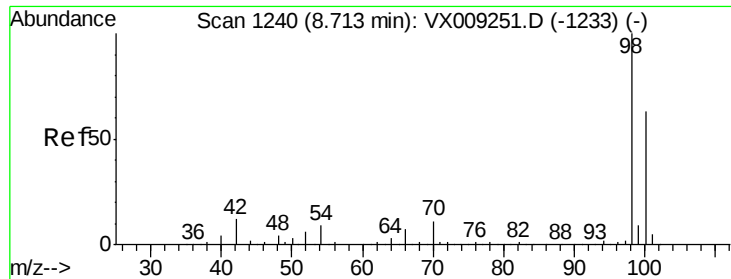
92 56.9 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

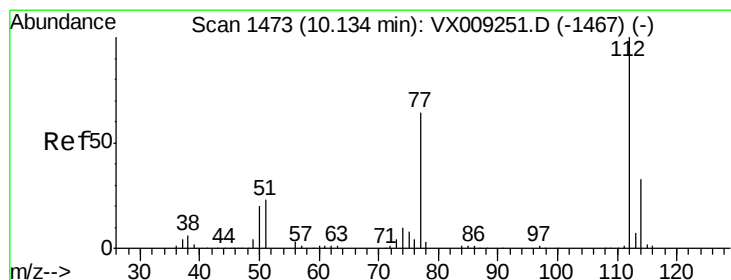
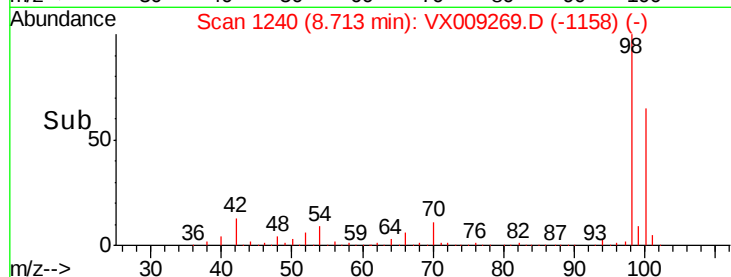
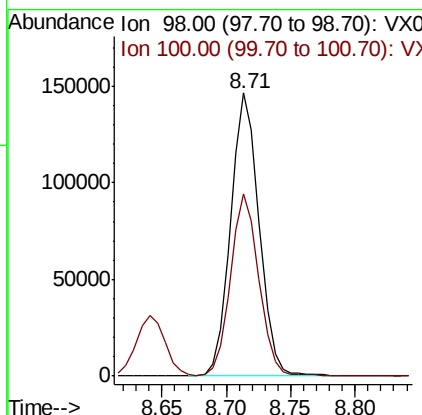
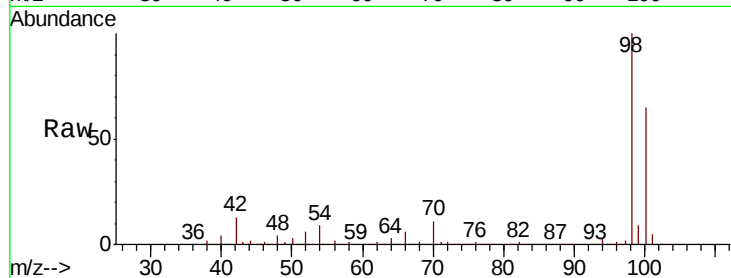




#63
Toluene-d8
Concen: 30.168 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

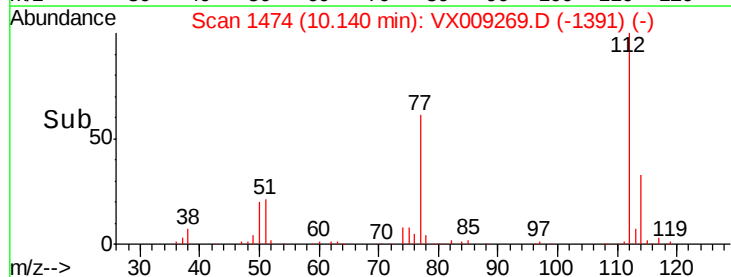
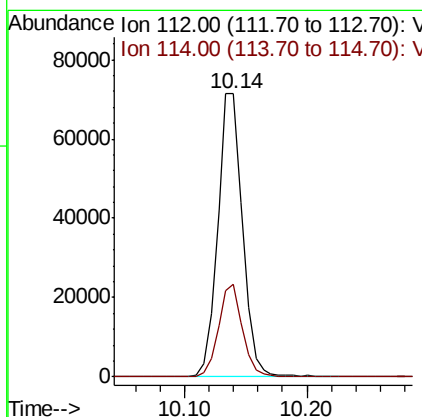
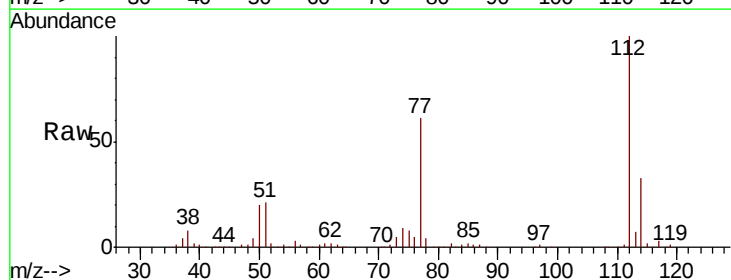
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

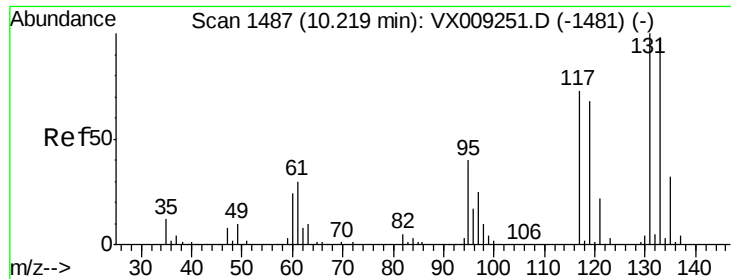
Tot Ion: 98 Resp: 226002
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#64
Chlorobenzene
Concen: 19.834 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion: 112 Resp: 100787
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.524 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

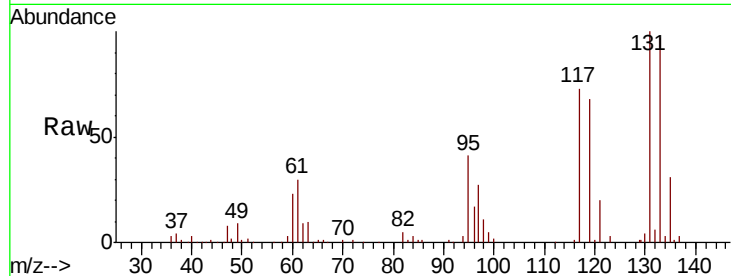
Tot Ion:131 Resp: 36327

Ion Ratio Lower Upper

131 100

133 97.1 0.0 191.2

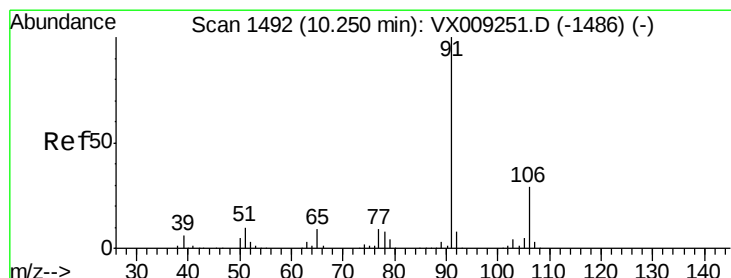
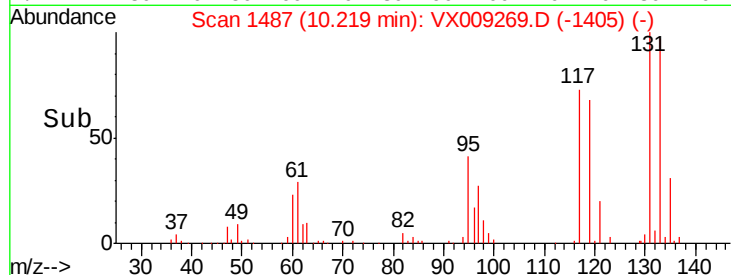
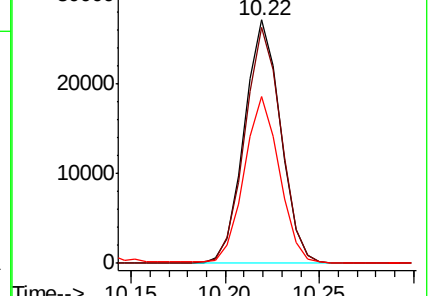
119 66.6 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.464 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009269.D

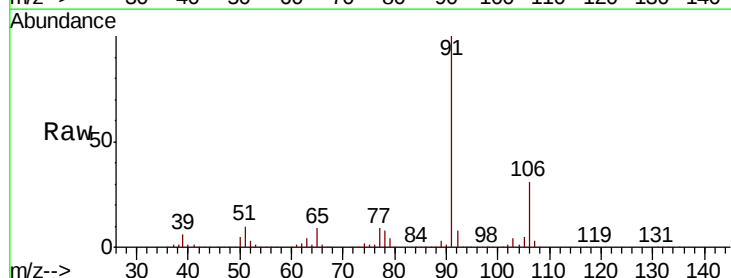
Acq: 02 May 2019 11:51

Tgt Ion: 91 Resp: 183080

Ion Ratio Lower Upper

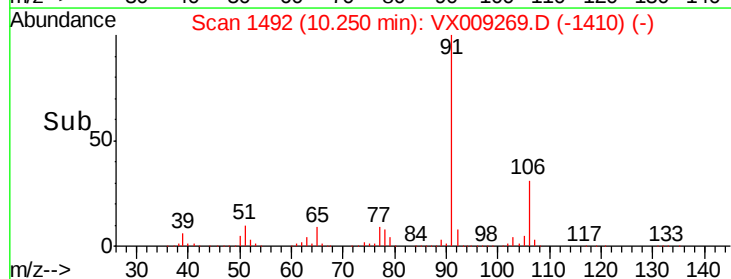
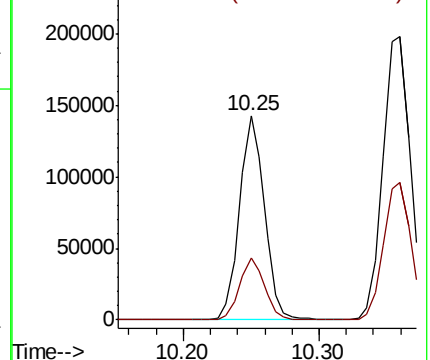
91 100

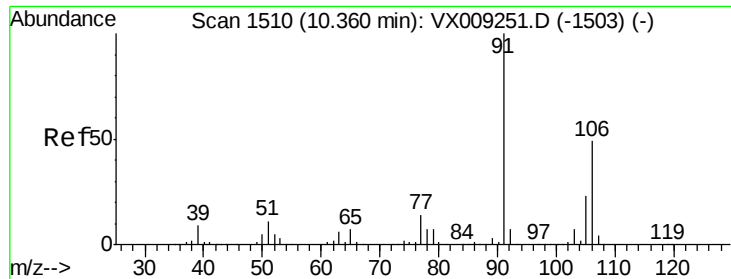
106 30.5 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

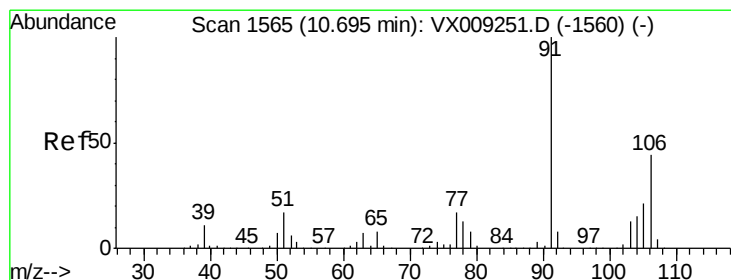
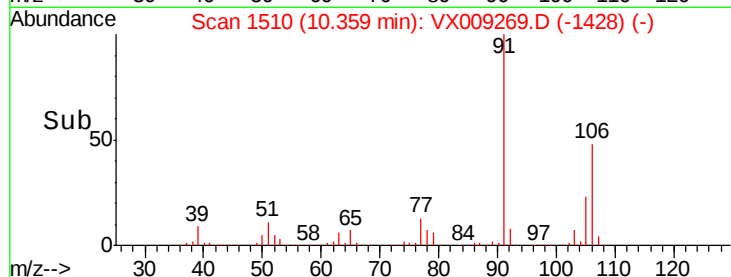
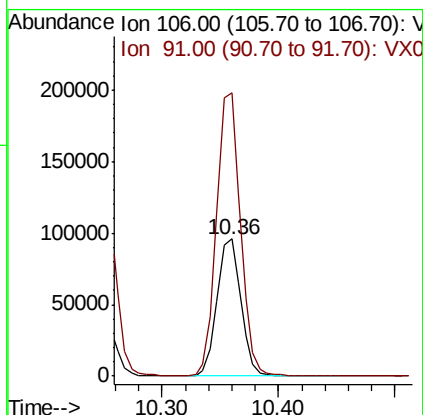
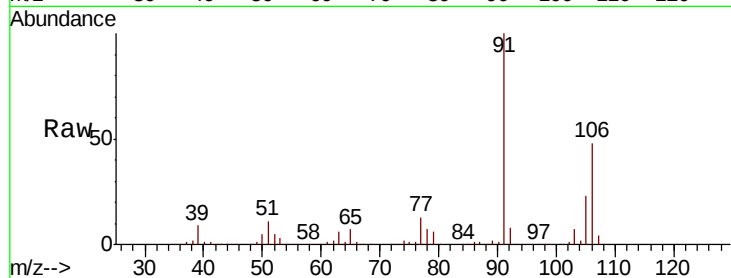




#67
m/p-Xvlenes
Concen: 39.452 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

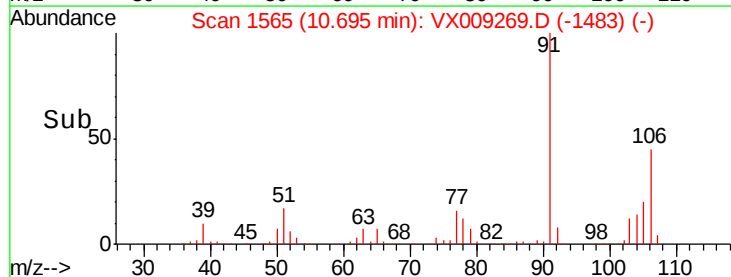
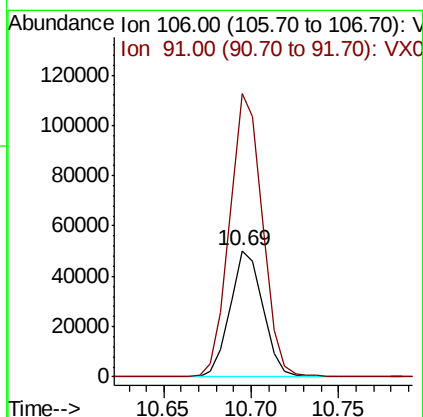
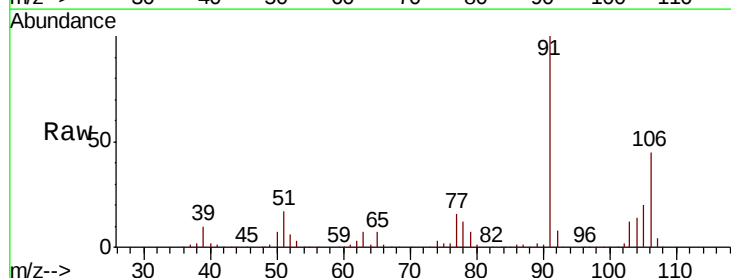
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

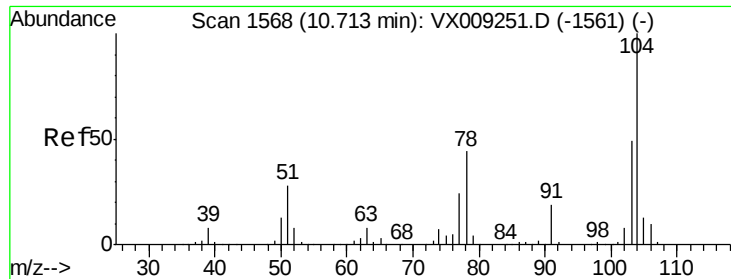
Tot Ion:106 Resp: 135487
Ion Ratio Lower Upper
106 100
91 206.8 166.8 250.2



#68
o-Xylene
Concen: 19.443 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion:106 Resp: 65657
Ion Ratio Lower Upper
106 100
91 224.1 110.8 332.3

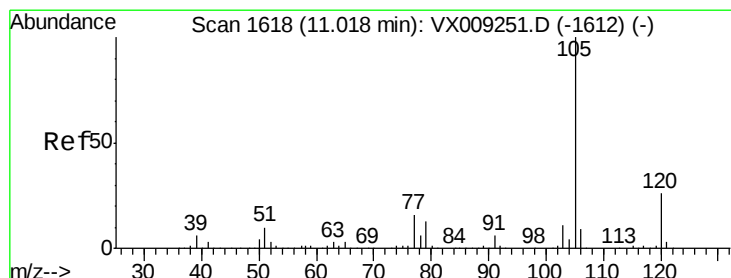
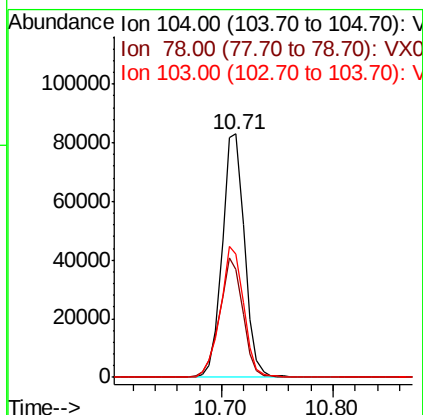
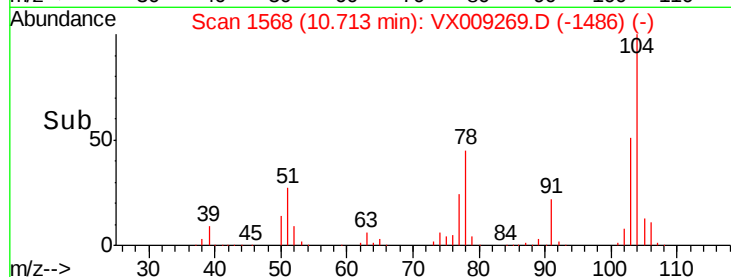
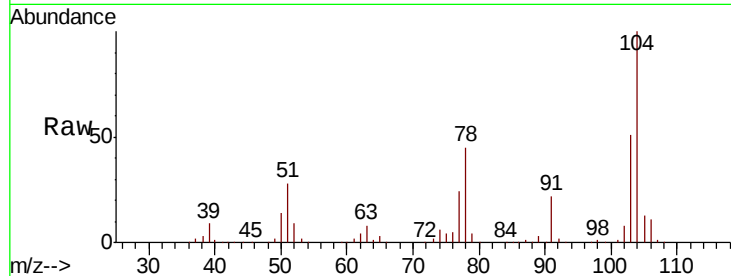




#69
Stvrene
Concen: 19.468 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

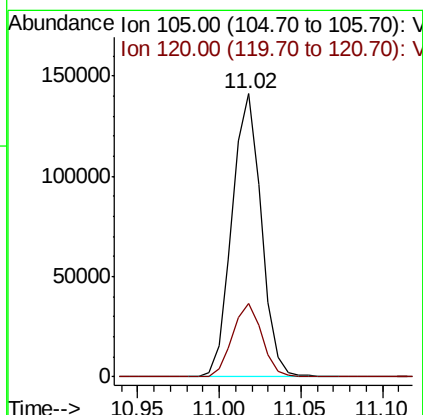
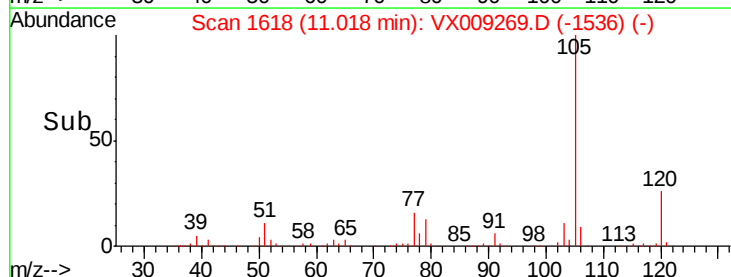
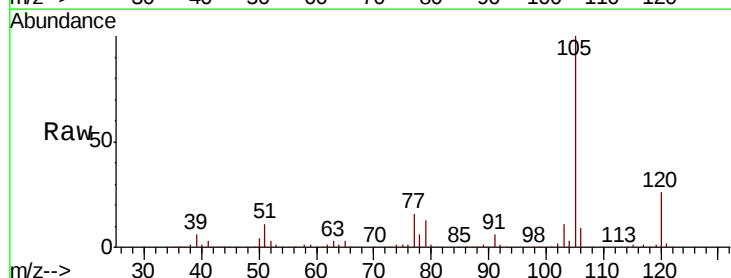
Instrument :
MSVOA_X
ClientSampled :
VX0502WBS01

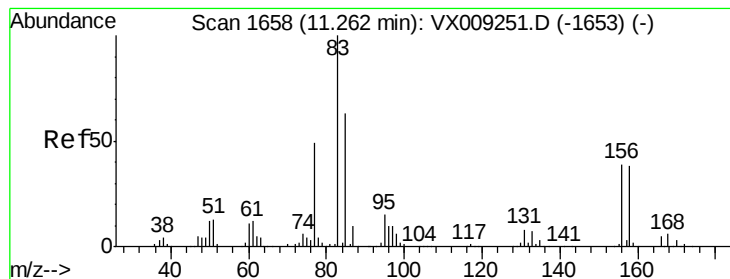
Tot Ion:104 Resp: 115402
Ion Ratio Lower Upper
104 100
78 51.4 41.1 61.7
103 55.9 43.8 65.8



#70
Isopropylbenzene
Concen: 19.466 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion:105 Resp: 176786
Ion Ratio Lower Upper
105 100
120 25.9 18.1 33.7





#71

1,1,2,2-Tetrachloroethane

Concen: 19.669 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

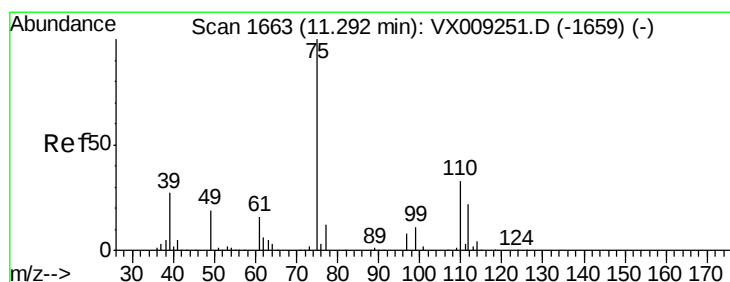
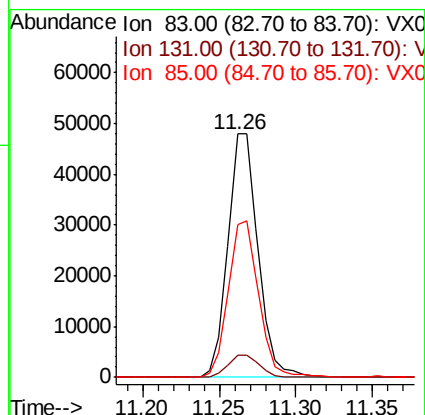
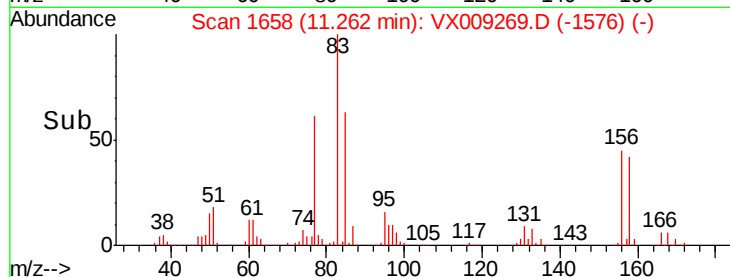
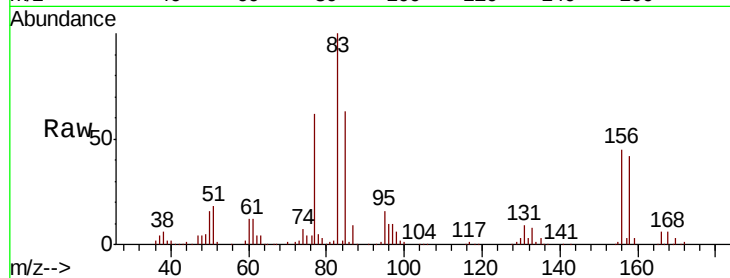
Tot Ion: 83 Resp: 65417

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.0

85 64.7 32.4 97.2



#72

1,2,3-Trichloropropane

Concen: 26.633 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009269.D

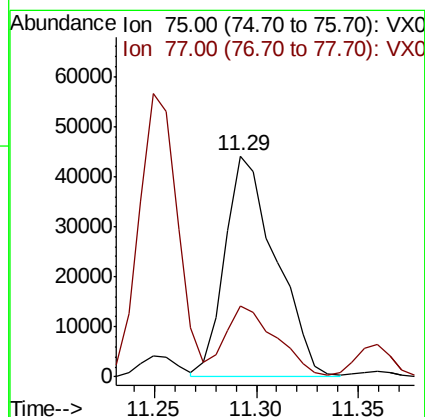
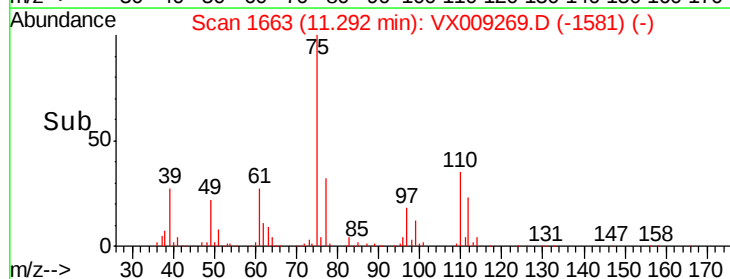
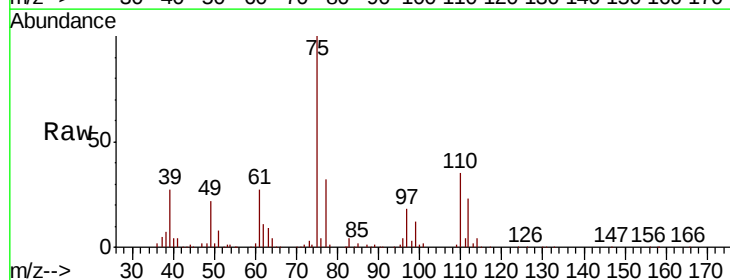
Acq: 02 May 2019 11:51

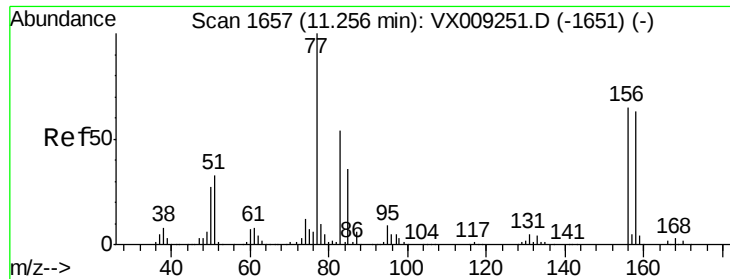
Tgt Ion: 75 Resp: 76333

Ion Ratio Lower Upper

75 100

77 32.2 0.0 86.4





#73

Bromobenzene

Concen: 19.357 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

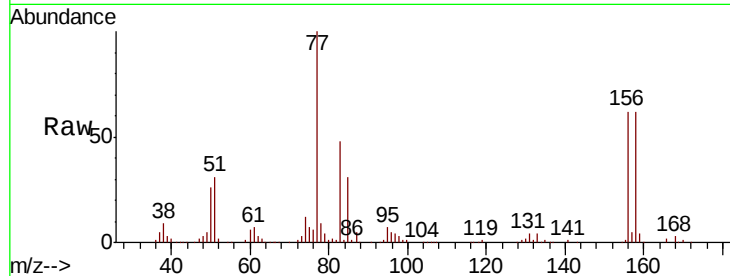
Tot Ion:156 Resp: 43434

Ion Ratio Lower Upper

156 100

77 170.6 0.0 335.6

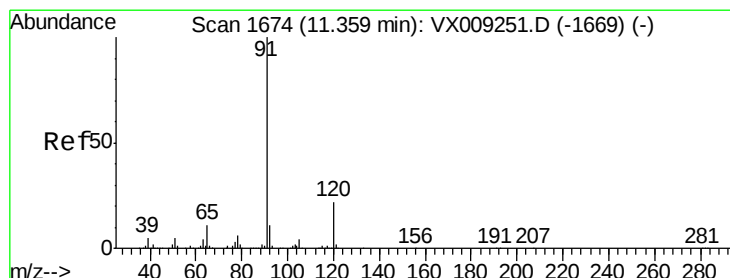
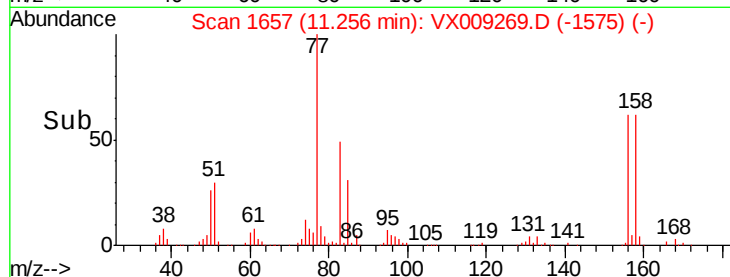
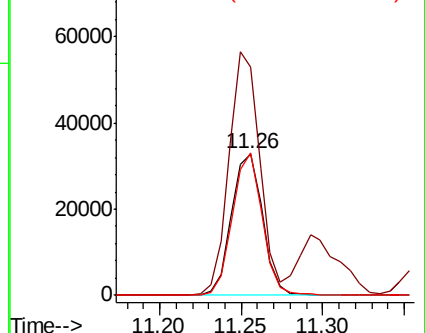
158 96.3 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.336 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009269.D

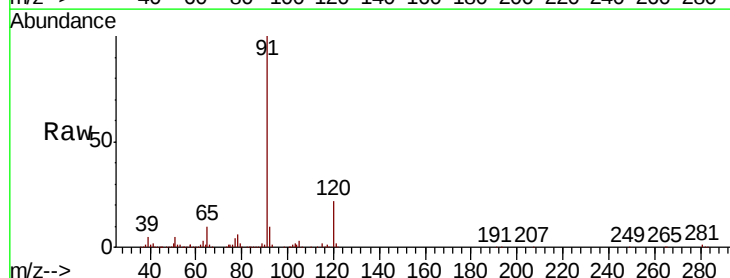
Acq: 02 May 2019 11:51

Tgt Ion: 91 Resp: 203488

Ion Ratio Lower Upper

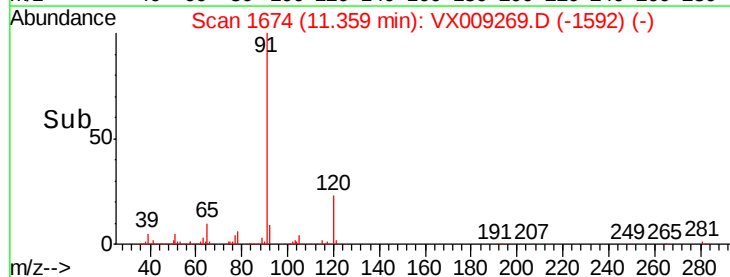
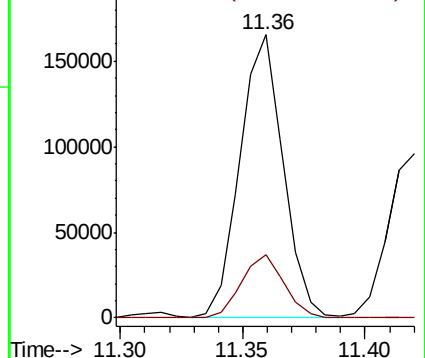
91 100

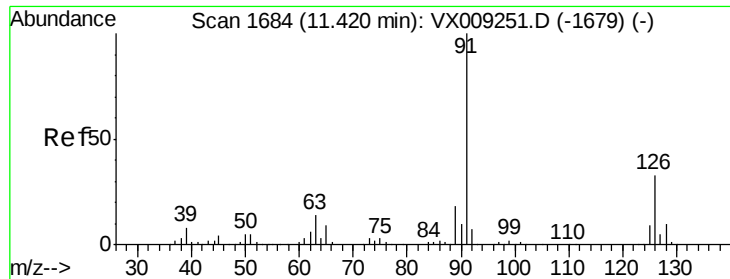
120 22.0 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.483 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

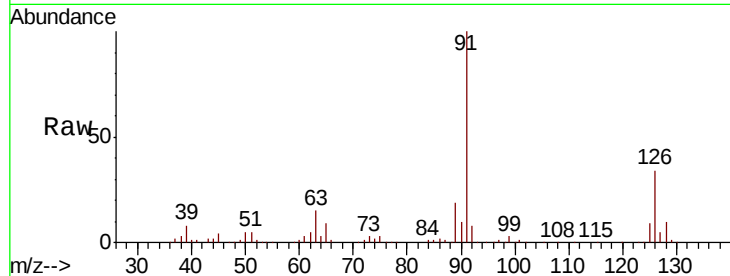
VX0502WBS01

Tot Ion: 91 Resp: 122979

Ion Ratio Lower Upper

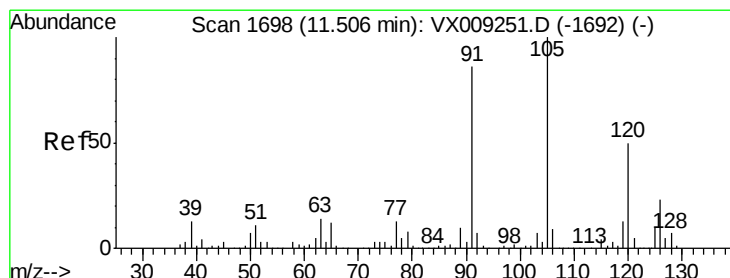
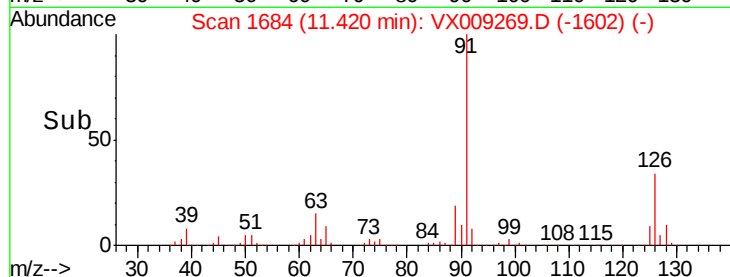
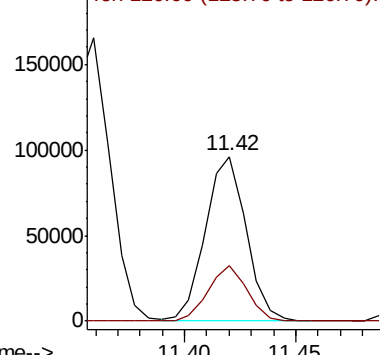
91 100

126 32.3 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.498 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009269.D

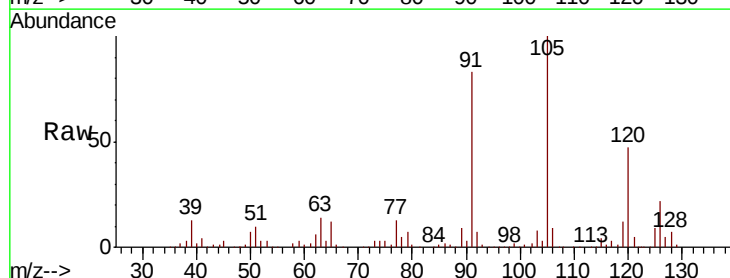
Acq: 02 May 2019 11:51

Tgt Ion:105 Resp: 149996

Ion Ratio Lower Upper

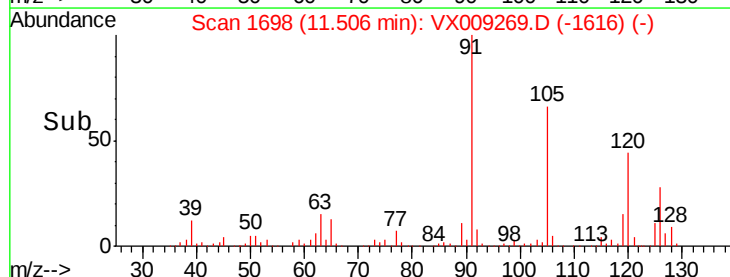
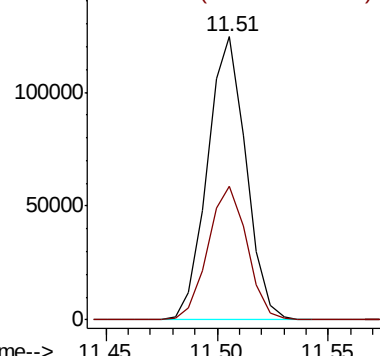
105 100

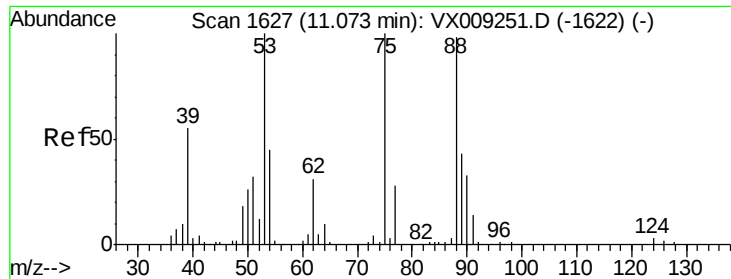
120 47.7 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.300 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

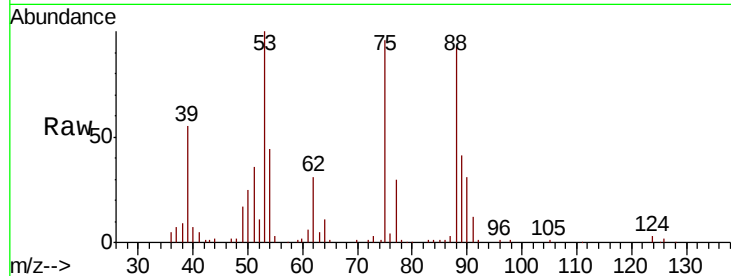
Tot Ion: 75 Resp: 21157

Ion Ratio Lower Upper

75 100

53 103.6 50.0 149.8

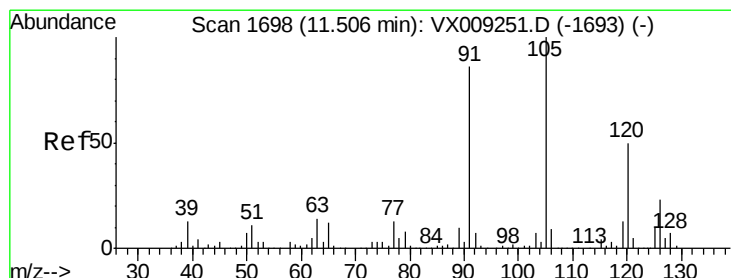
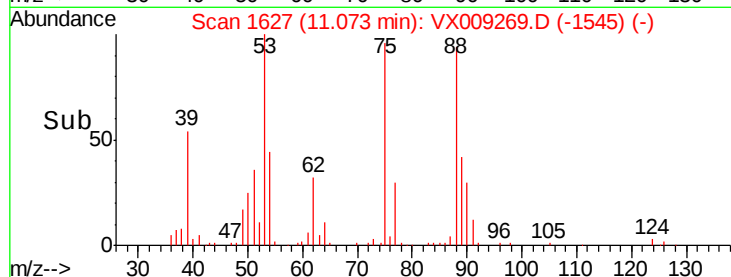
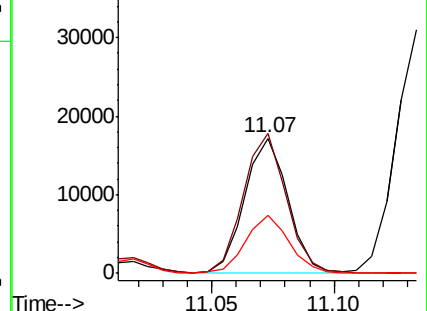
89 42.7 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.402 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009269.D

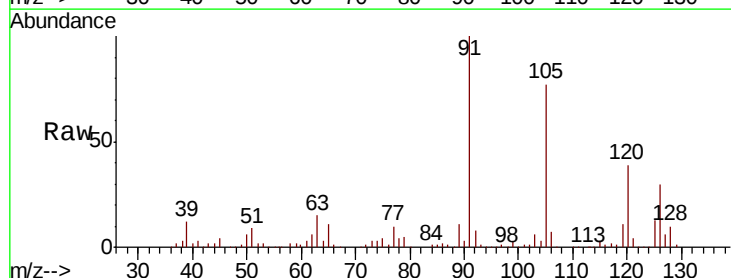
Acq: 02 May 2019 11:51

Tgt Ion: 91 Resp: 139095

Ion Ratio Lower Upper

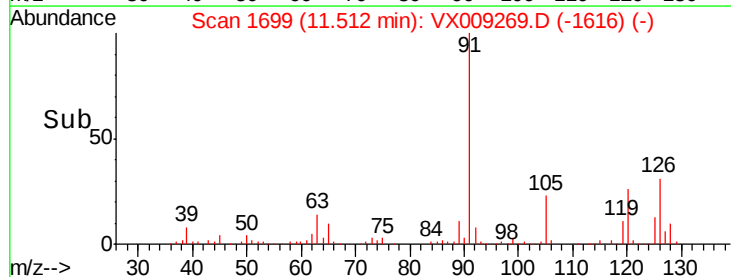
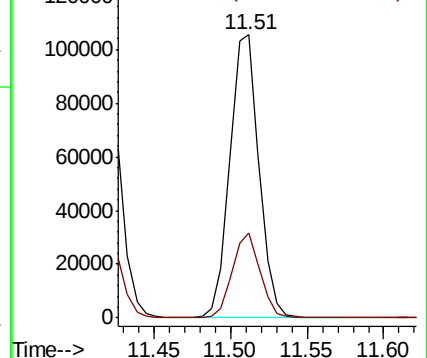
91 100

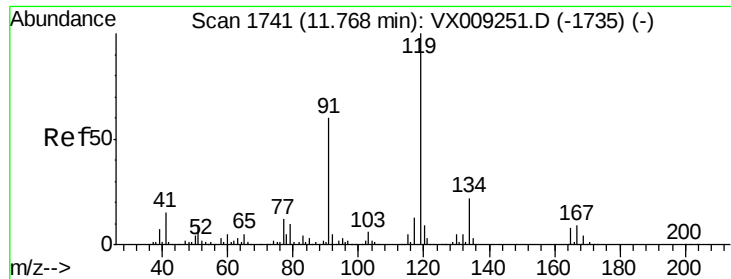
126 28.5 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

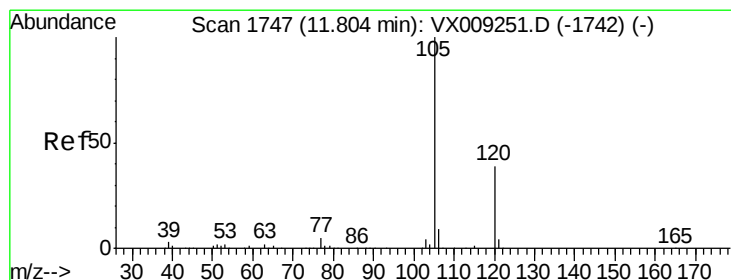
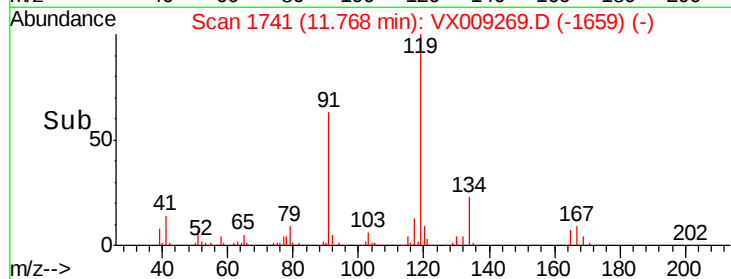
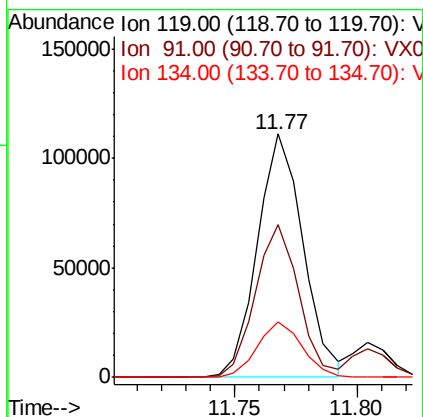
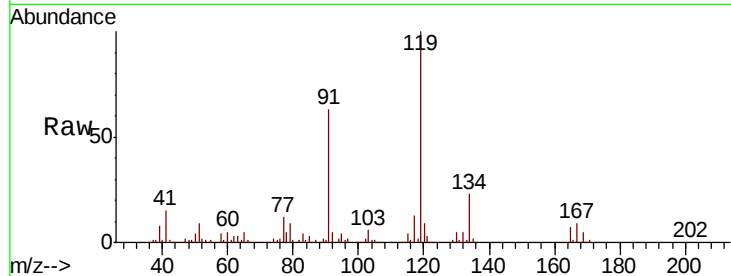




#79
tert-butylbenzene
Concen: 19.354 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

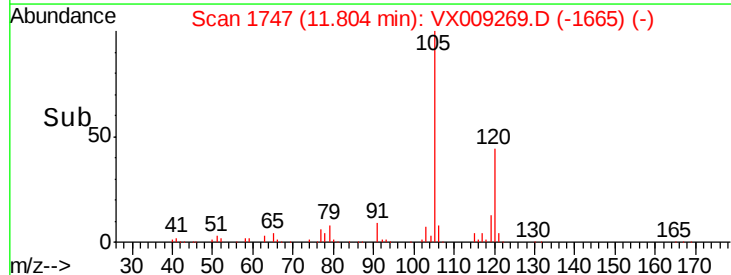
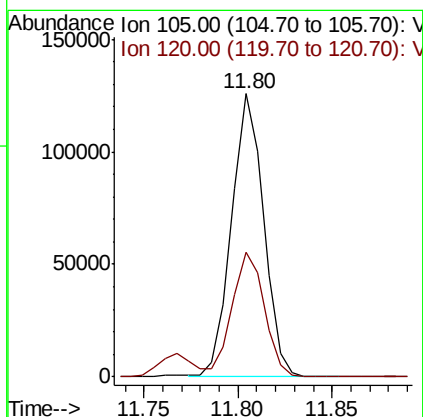
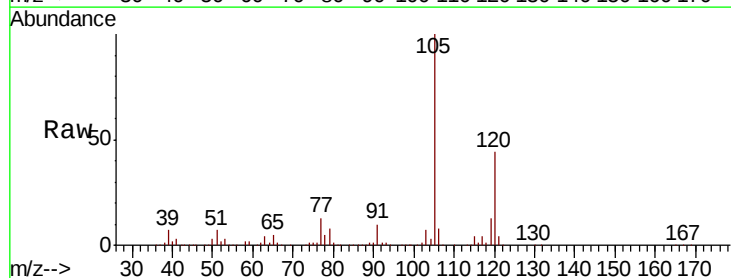
Instrument :
MSVOA_X
ClientSampled :
VX0502WBS01

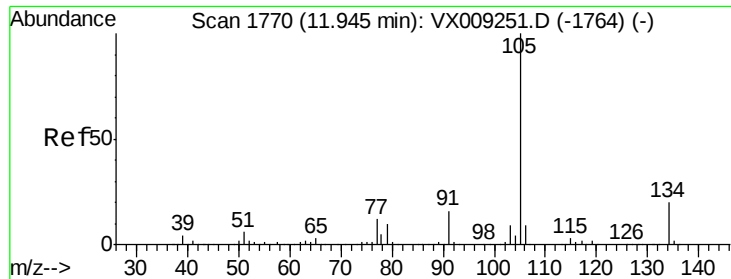
Tot Ion:119 Resp: 143932
Ion Ratio Lower Upper
119 100
91 59.8 0.0 118.2
134 22.4 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 19.351 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion:105 Resp: 149200
Ion Ratio Lower Upper
105 100
120 44.1 0.0 89.6

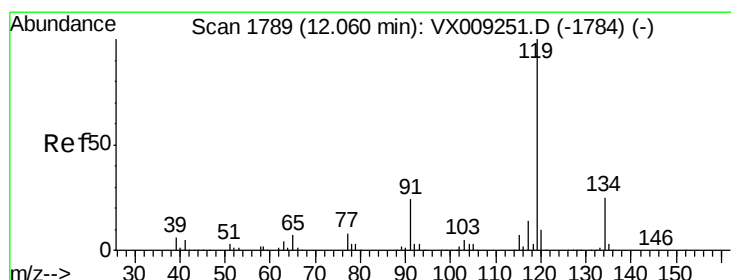
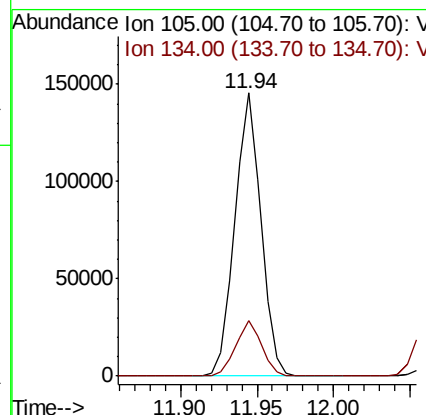
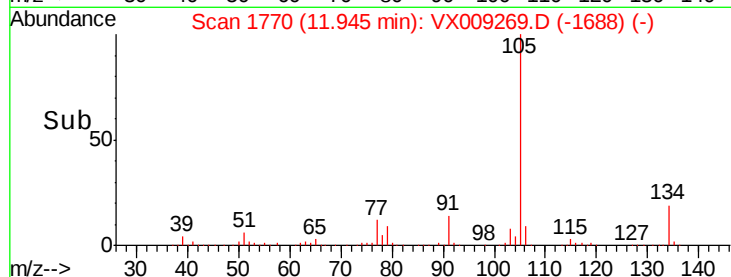
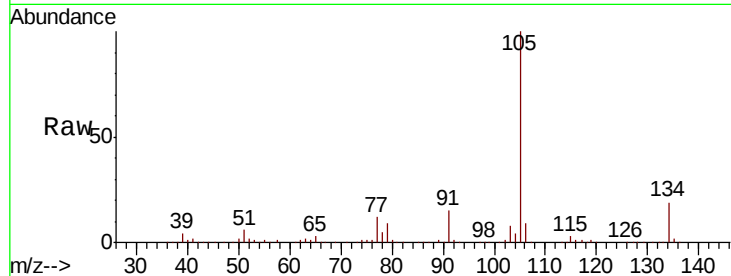




#81
 sec-Butylbenzene
 Concen: 19.471 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

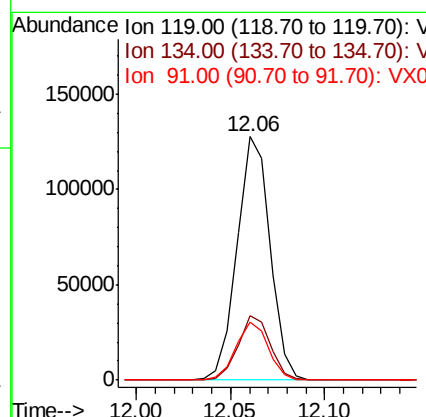
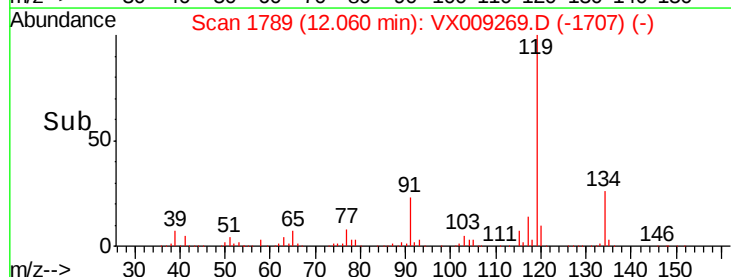
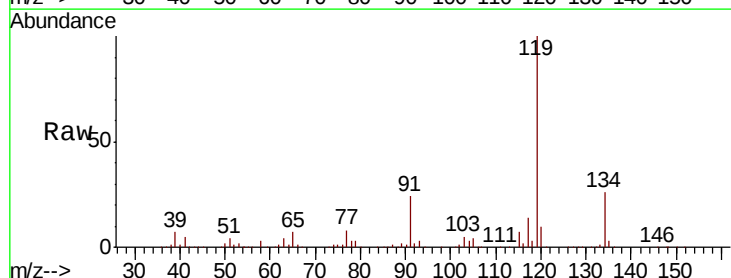
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

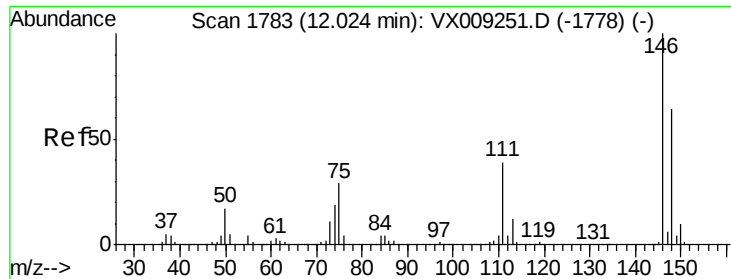
Tot Ion:105 Resp: 172039
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.287 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion:119 Resp: 155017
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 50.8
 91 23.5 0.0 47.2

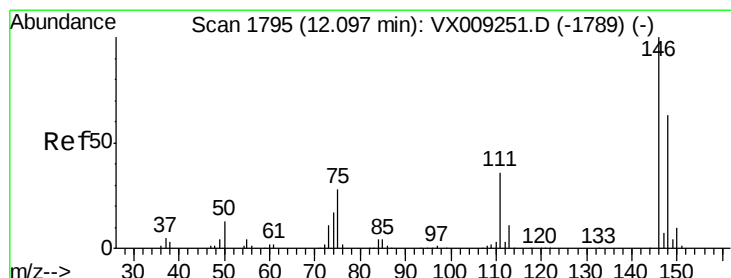
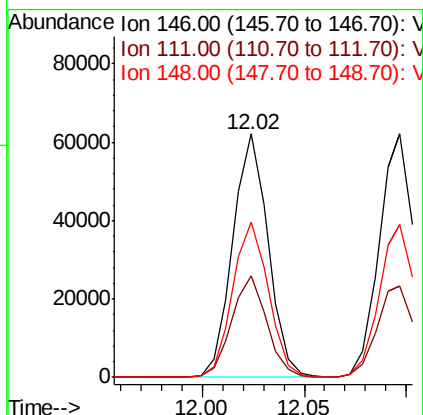
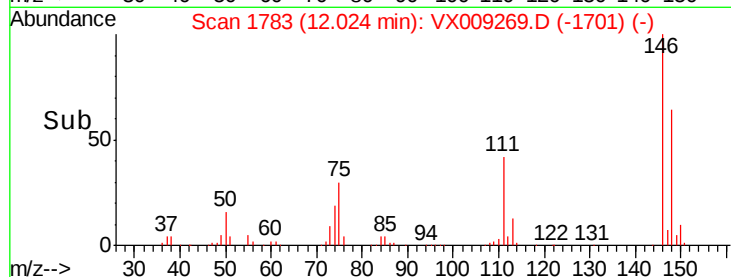
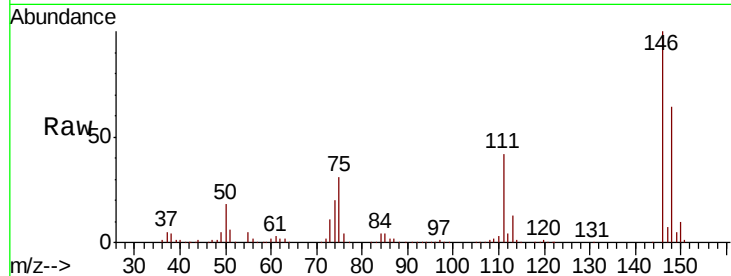




#83
 1,3-Dichlorobenzene
 Concen: 18.600 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

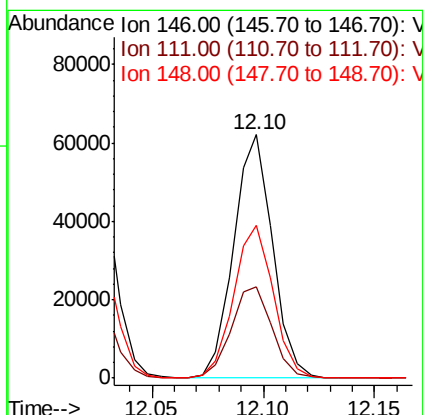
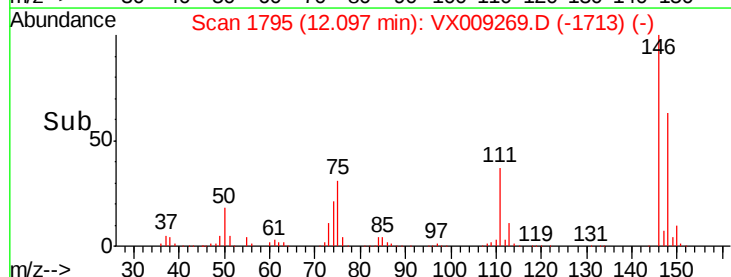
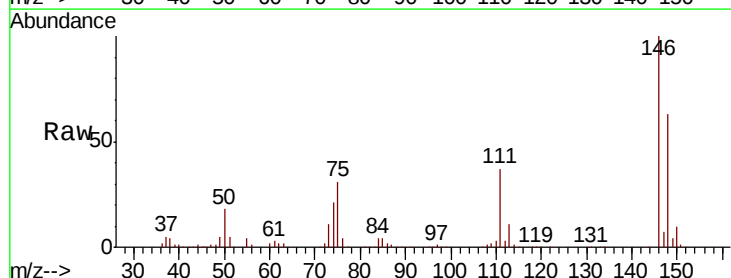
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

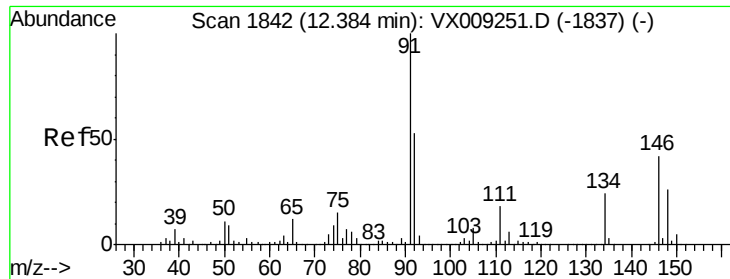
Tot Ion:146 Resp: 74533
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.0 60.0
 148 64.8 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 18.918 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion:146 Resp: 75525
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.7
 148 64.1 32.3 96.8

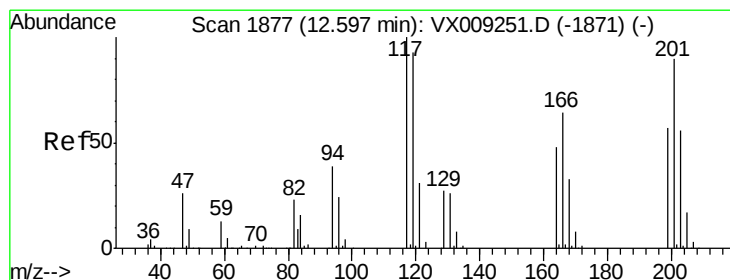
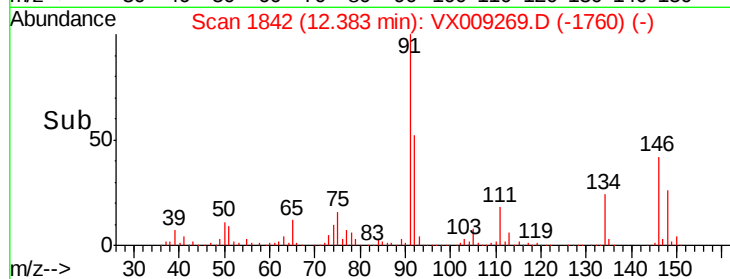
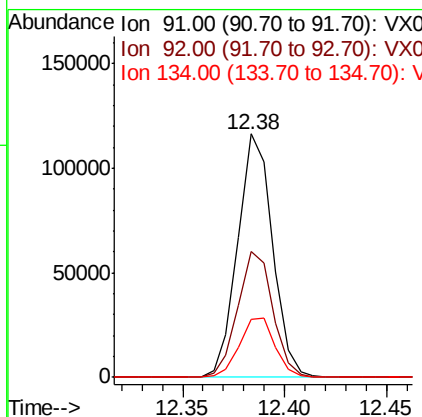
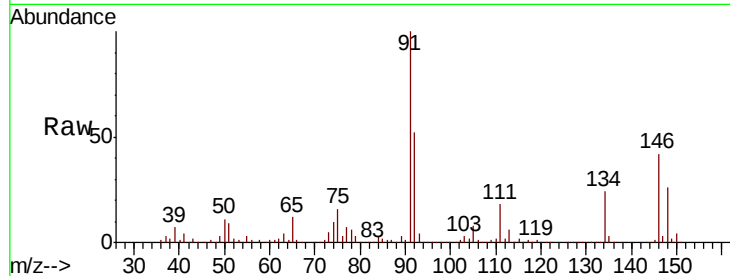




#85
n-Butylbenzene
Concen: 18.749 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

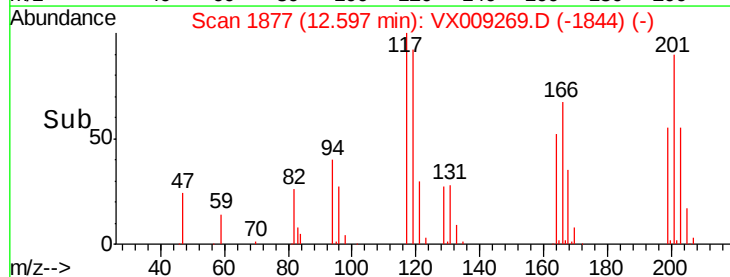
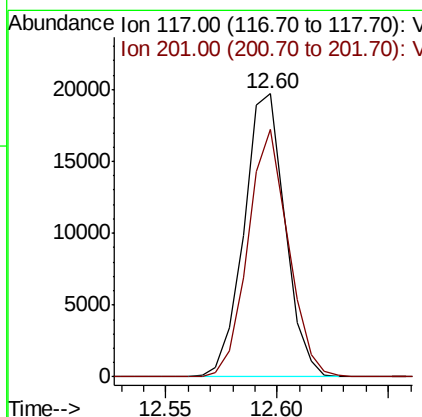
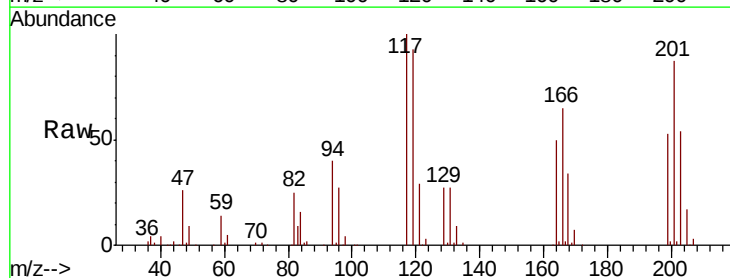
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

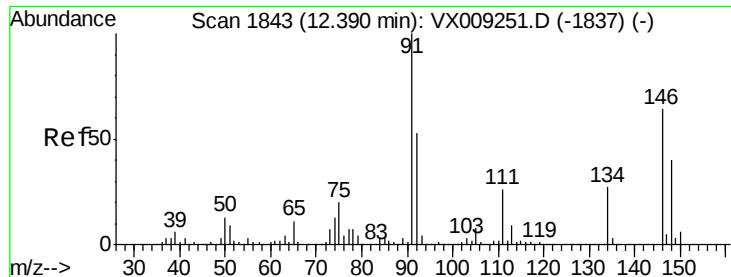
Tot Ion: 91 Resp: 137887
Ion Ratio Lower Upper
91 100
92 52.1 0.0 106.6
134 24.9 0.0 50.0



#86
Hexachloroethane
Concen: 18.631 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009269.D
Acq: 02 May 2019 11:51

Tgt Ion: 117 Resp: 25480
Ion Ratio Lower Upper
117 100
201 85.6 41.8 125.4

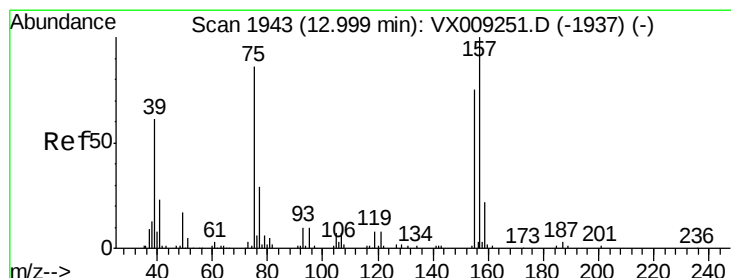
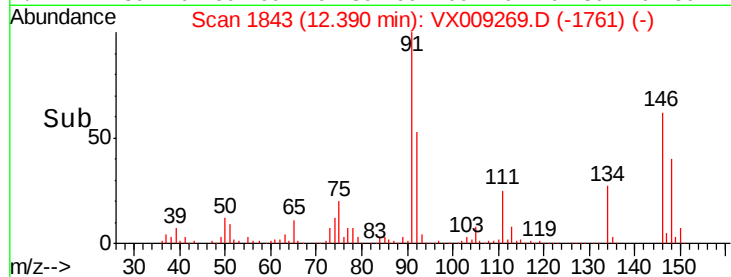
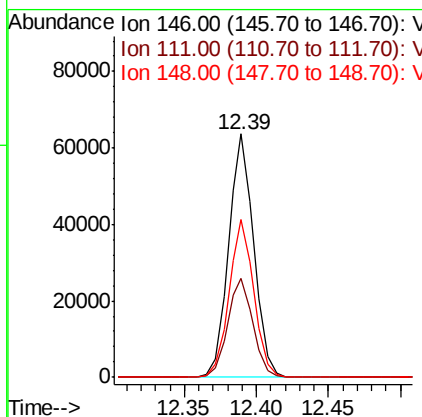
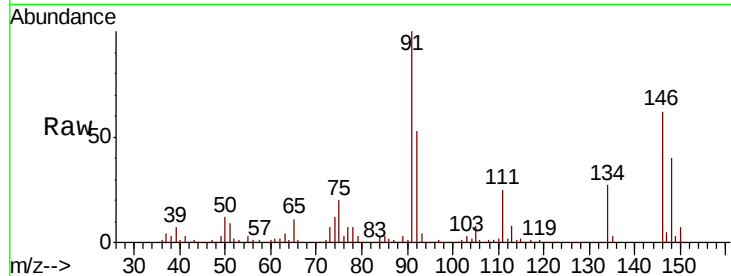




#87
 1,2-Dichlorobenzene
 Concen: 19.355 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

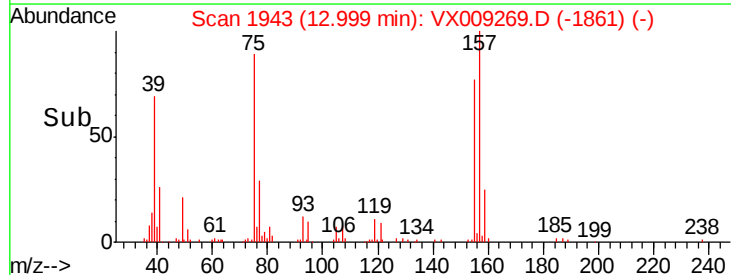
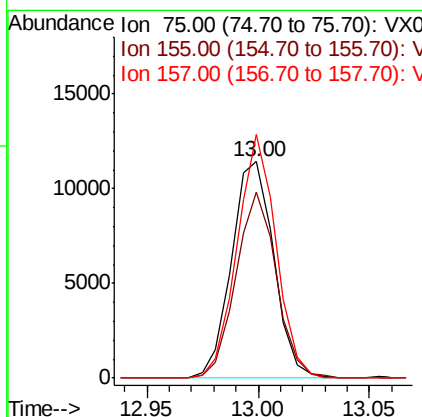
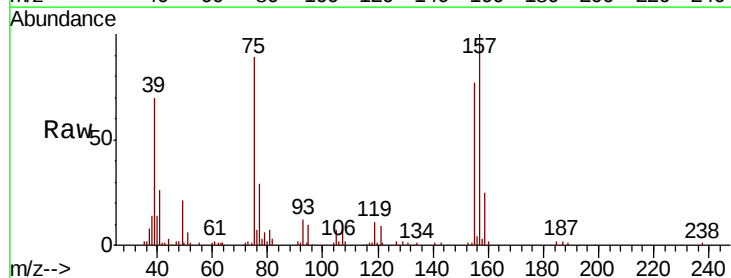
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

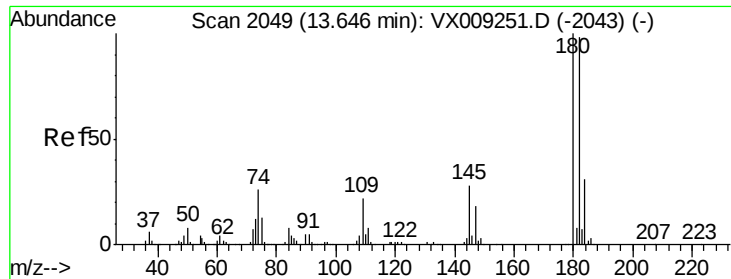
Tot Ion:146 Resp: 78071
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.2
 148 63.4 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.559 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion: 75 Resp: 15117
 Ion Ratio Lower Upper
 75 100
 155 82.1 65.9 98.9
 157 103.5 85.2 127.8

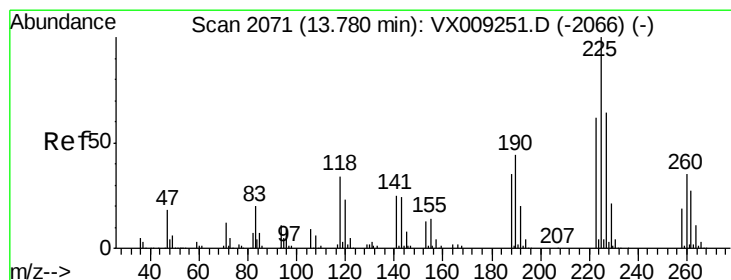
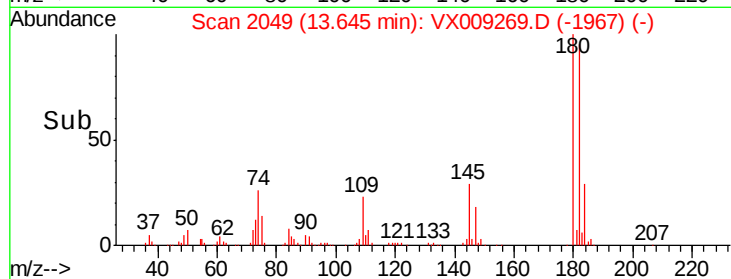
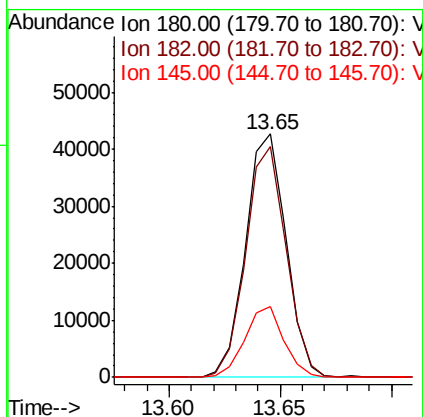
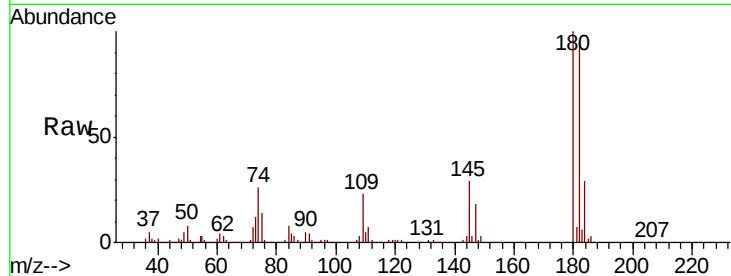




#89
 1,2,4-Trichlorobenzene
 Concen: 18.865 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

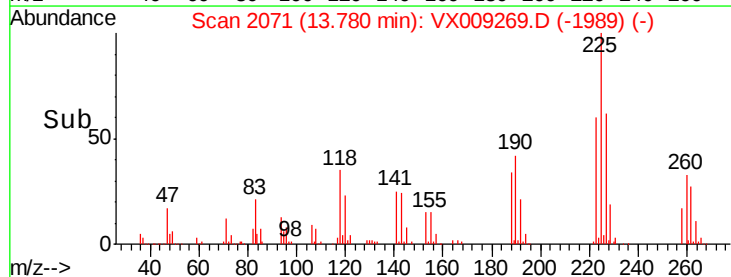
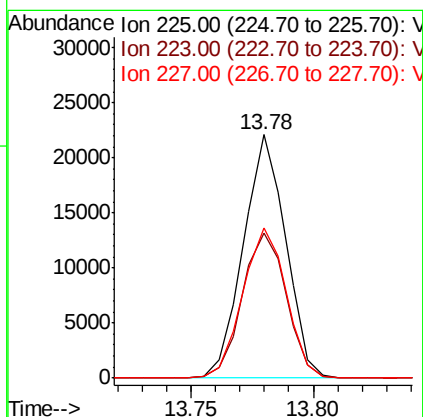
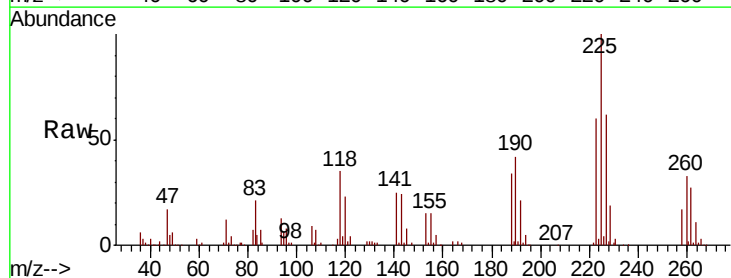
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

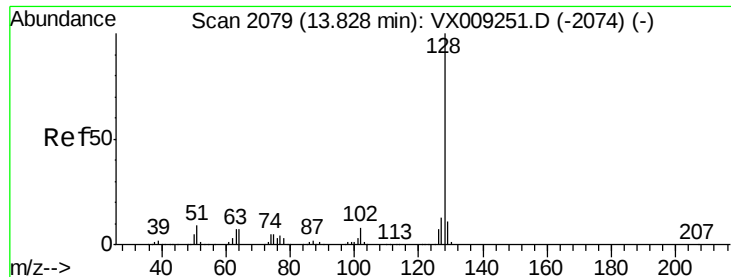
Tot Ion:180 Resp: 54237
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.9 115.3
 145 28.2 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 18.574 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009269.D
 Acq: 02 May 2019 11:51

Tgt Ion:225 Resp: 26674
 Ion Ratio Lower Upper
 225 100
 223 62.0 0.0 126.6
 227 63.3 0.0 130.0





#91

Naphthalene

Concen: 19.675 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS01

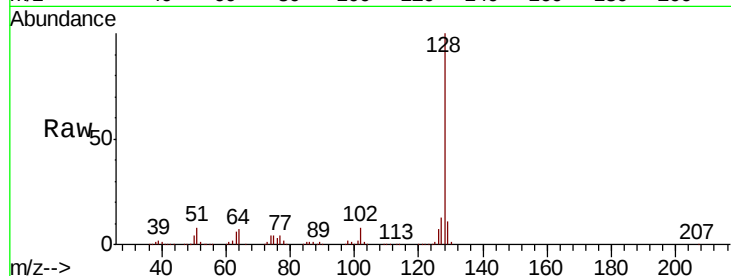
Tot Ion:128 Resp: 185206

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

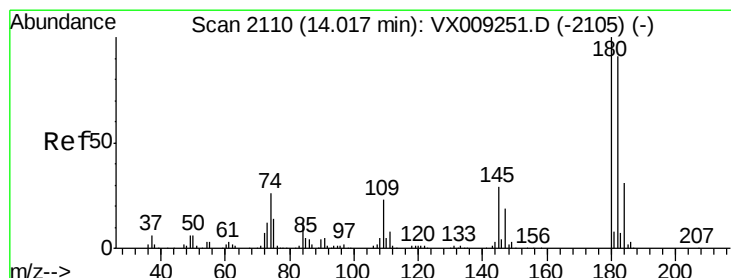
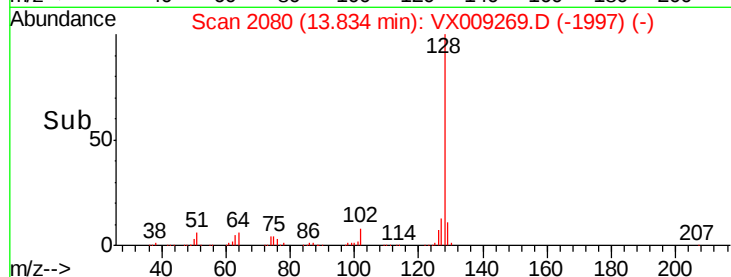
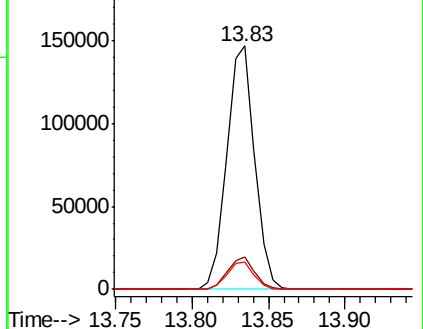
129 11.1 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 19.351 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009269.D

Acq: 02 May 2019 11:51

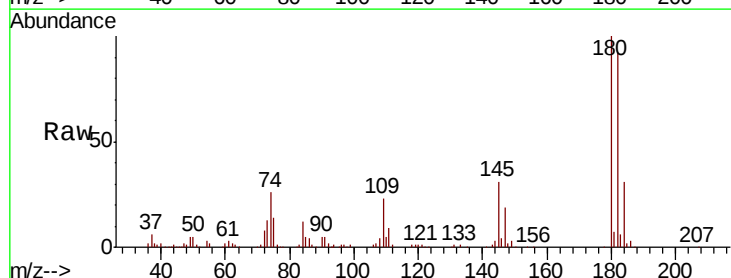
Tgt Ion:180 Resp: 56554

Ion Ratio Lower Upper

180 100

182 93.0 0.0 189.0

145 31.0 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

