

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016006.D
 Acq On : 01 May 2020 12:55
 Operator : JC/SP
 Sample : VX0501WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Quant Time: May 02 06:58:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211023	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	187579	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
35) Dibromofluoromethane	5.46	113	138667	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
50) Toluene-d8	8.70	98	534606	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	207332	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	50057	19.362	ug/l	99
3) Chloromethane	1.31	50	57435	18.331	ug/l	97
4) Vinyl Chloride	1.39	62	67347	18.927	ug/l	99
5) Bromomethane	1.63	94	47718	19.976	ug/l	95
6) Chloroethane	1.71	64	43192	18.249	ug/l	100
7) Trichlorofluoromethane	1.92	101	94807	17.628	ug/l	96
8) Diethyl Ether	2.17	74	39279	17.494	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52350	19.527	ug/l	99
10) Methyl Iodide	2.49	142	64794	17.326	ug/l	99
11) Tert butyl alcohol	3.01	59	84570	92.233	ug/l	99
12) 1,1-Dichloroethene	2.36	96	51955	18.796	ug/l	95
13) Acrolein	2.27	56	20851	90.487	ug/l	100
14) Allyl chloride	2.70	41	95910	19.243	ug/l	99
15) Acrylonitrile	3.11	53	169495	93.228	ug/l	100
16) Acetone	2.42	43	150731	93.317	ug/l	98
17) Carbon Disulfide	2.55	76	149632	18.394	ug/l	100
18) Methyl Acetate	2.75	43	86393	18.848	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	190099	19.015	ug/l	99
20) Methylene Chloride	2.83	84	58466	18.285	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55798	17.912	ug/l	97
22) Diisopropyl ether	3.82	45	186351	19.017	ug/l	92
23) Vinyl Acetate	3.78	43	800433	94.033	ug/l	100
24) 1,1-Dichloroethane	3.67	63	104725	19.185	ug/l	100
25) 2-Butanone	4.63	43	241221	92.157	ug/l	97
26) 2,2-Dichloropropane	4.54	77	95303	19.095	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	64853	18.345	ug/l	99
28) Bromochloromethane	4.98	49	48425	18.332	ug/l	96
29) Tetrahydrofuran	5.09	42	157779	91.978	ug/l	99
30) Chloroform	5.18	83	104692	18.444	ug/l	98
31) Cyclohexane	5.54	56	94393	19.424	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	95847	18.339	ug/l	99
36) 1,1-Dichloropropene	5.77	75	78915	18.092	ug/l	100
37) Ethyl Acetate	4.79	43	93809	18.755	ug/l	99
38) Carbon Tetrachloride	5.75	117	84879	18.423	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	96195	19.065	ug/l	99
40) Benzene	6.11	78	231477	18.599	ug/l	100
41) Methacrylonitrile	5.00	41	51065	19.073	ug/l	97
42) 1,2-Dichloroethane	6.16	62	89171	18.491	ug/l	100
43) Isopropyl Acetate	6.41	43	153093	18.484	ug/l	99
44) Trichloroethene	7.19	130	87600	19.527	ug/l	98
45) 1,2-Dichloropropane	7.49	63	60531	18.819	ug/l	99
46) Dibromomethane	7.64	93	41074	17.971	ug/l	99
47) Bromodichloromethane	7.88	83	84106	18.518	ug/l	100
48) Methyl methacrylate	7.74	41	69912	18.282	ug/l	100
49) 1,4-Dioxane	7.71	88	33085	367.767	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	469374	93.427	ug/l	100
52) Toluene	8.76	92	147855	18.715	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	97175	18.032	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	99275	17.911	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	58953	18.673	ug/l	98
56) Ethyl methacrylate	9.16	69	93076	18.131	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101722	18.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	249330	93.985	ug/l	100
59) 2-Hexanone	9.47	43	361625	92.105	ug/l	100
60) Dibromochloromethane	9.57	129	63289	17.910	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63267	18.480	ug/l	99
64) Tetrachloroethene	9.32	164	93982	18.712	ug/l	98
65) Chlorobenzene	10.12	112	158206	18.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	59304	18.196	ug/l	99
67) Ethyl Benzene	10.24	91	283276	18.447	ug/l	99
68) m/p-Xylenes	10.34	106	213466	36.634	ug/l	98
69) o-Xylene	10.68	106	102468	18.521	ug/l	98
70) Styrene	10.70	104	171061	18.020	ug/l	99
71) Bromoform	10.84	173	46978	17.652	ug/l #	99
73) Isopropylbenzene	11.00	105	276106	19.234	ug/l	100
74) N-amyl acetate	10.88	43	128165	18.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	42289	15.452	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	112858	25.487	ug/l	83
77) Bromobenzene	11.24	156	69764	18.880	ug/l	99
78) n-propylbenzene	11.34	91	319046	19.320	ug/l	100
79) 2-Chlorotoluene	11.40	91	186741	18.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	234712	19.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	34412	18.365	ug/l	99
82) 4-Chlorotoluene	11.49	91	223789	19.017	ug/l	100
83) tert-Butylbenzene	11.76	119	197757	18.966	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	234958	19.306	ug/l	99
85) sec-Butylbenzene	11.93	105	268827	19.136	ug/l	100
86) p-Isopropyltoluene	12.05	119	252870	19.218	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	125782	18.666	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	126111	18.518	ug/l	97
89) n-Butylbenzene	12.37	91	225693	18.983	ug/l	99
90) Hexachloroethane	12.58	117	43201	18.582	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	119648	18.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20604	17.385	ug/l	96

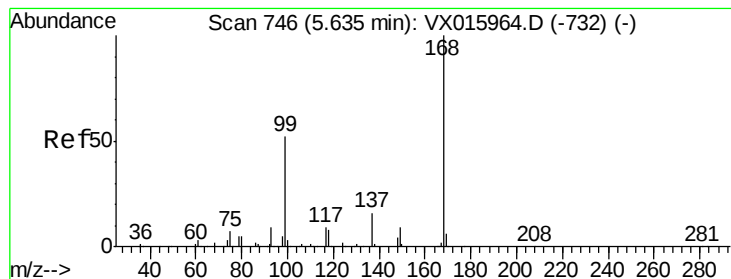
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
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Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	91175	18.852	ug/l	98
94) Hexachlorobutadiene	13.77	225	39377	18.223	ug/l	99
95) Naphthalene	13.82	128	285423	18.711	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	87757	18.844	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

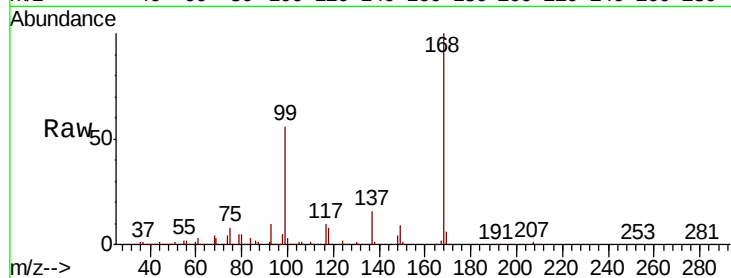
VX0501WBS01

Tot Ion:168 Resp: 288905

Ion Ratio Lower Upper

168 100

99 56.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

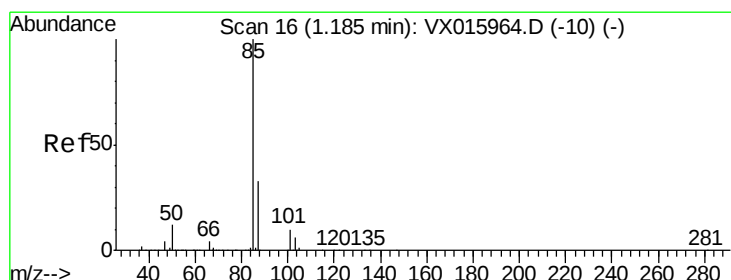
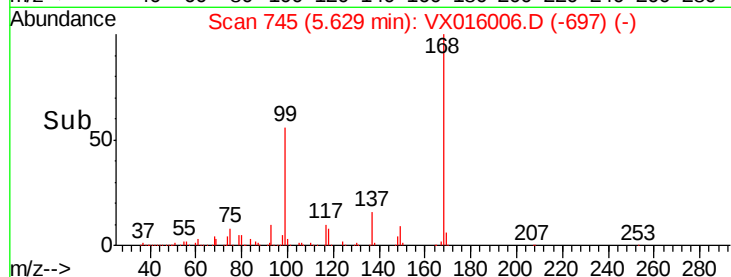
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.362 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016006.D

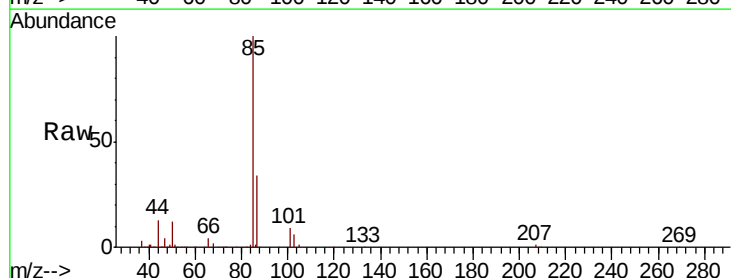
Acq: 01 May 2020 12:55

Tgt Ion: 85 Resp: 50057

Ion Ratio Lower Upper

85 100

87 33.7 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

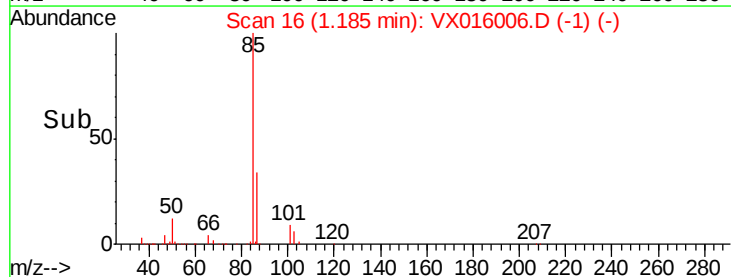
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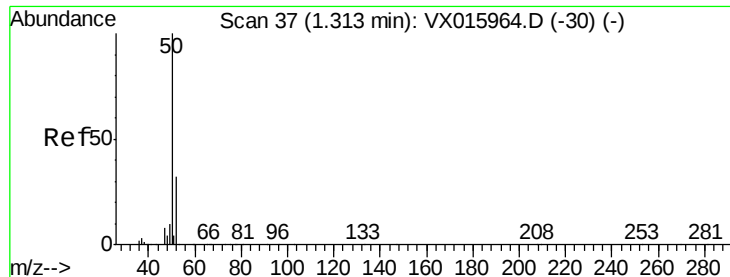
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.331 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

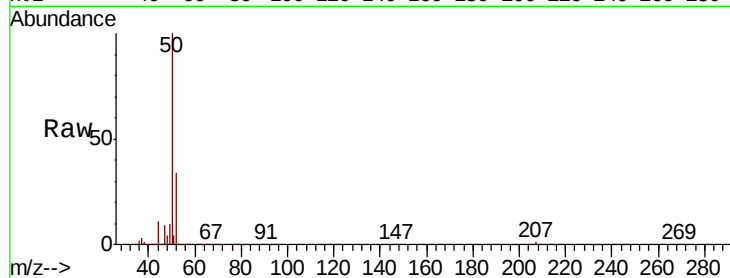
VX0501WBS01

Tot Ion: 50 Resp: 57435

Ion Ratio Lower Upper

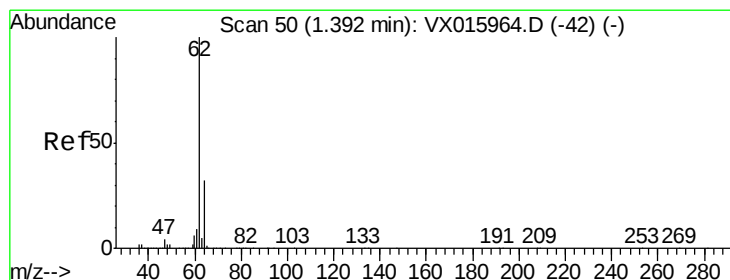
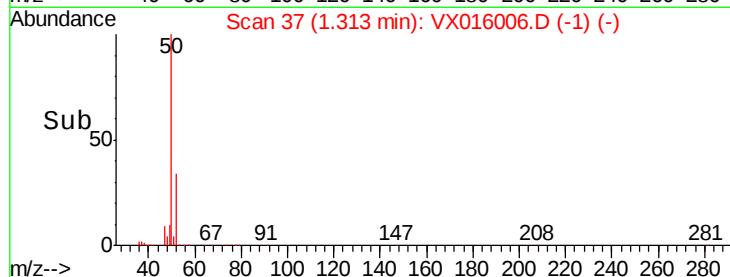
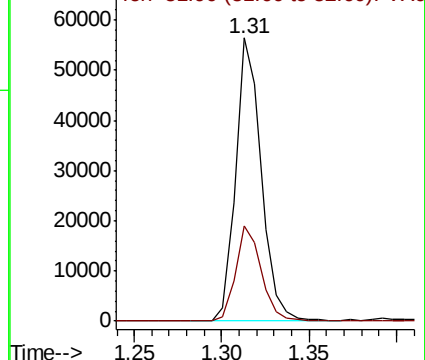
50 100

52 33.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.927 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016006.D

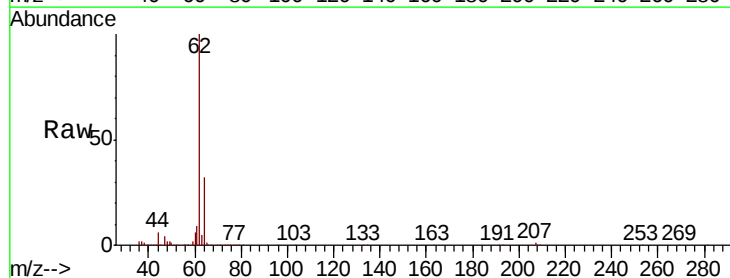
Acq: 01 May 2020 12:55

Tgt Ion: 62 Resp: 67347

Ion Ratio Lower Upper

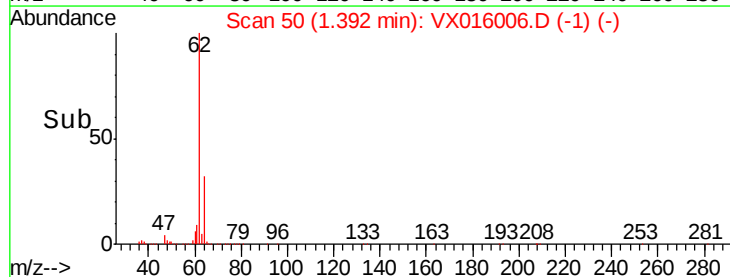
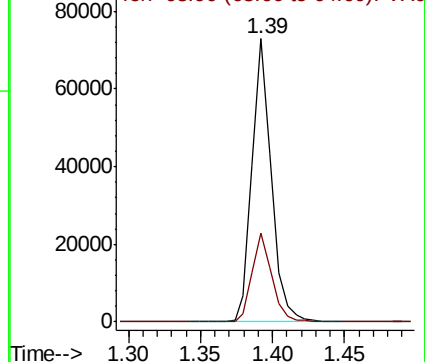
62 100

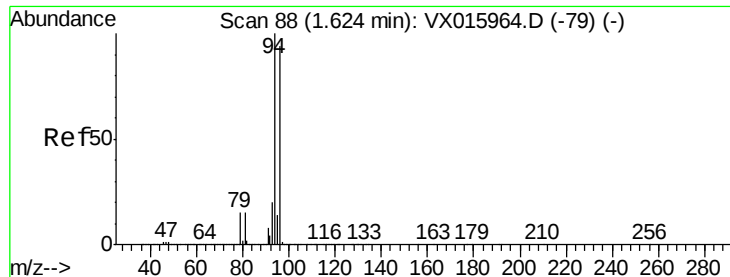
64 31.6 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.976 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

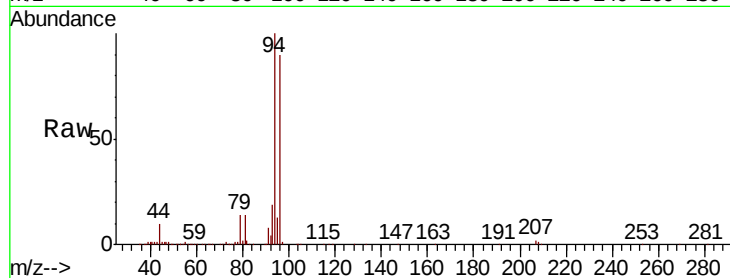
VX0501WBS01

Tot Ion: 94 Resp: 47718

Ion Ratio Lower Upper

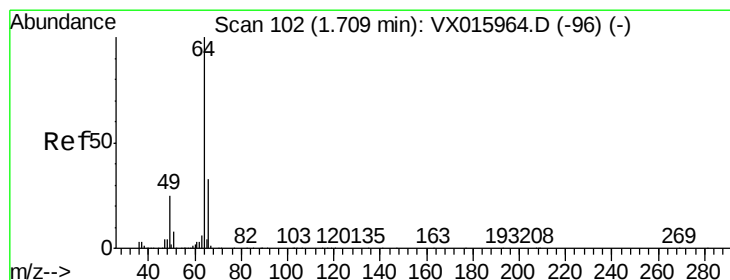
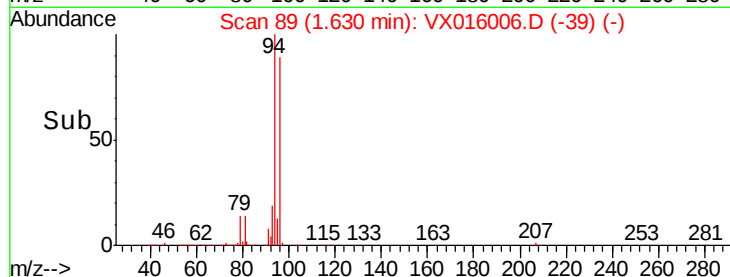
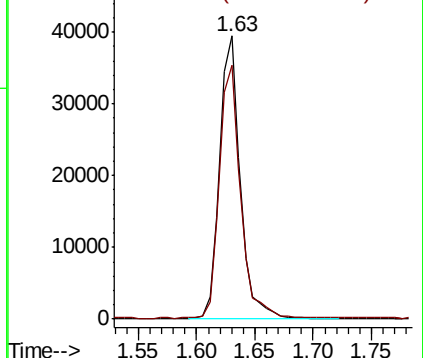
94 100

96 89.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.249 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016006.D

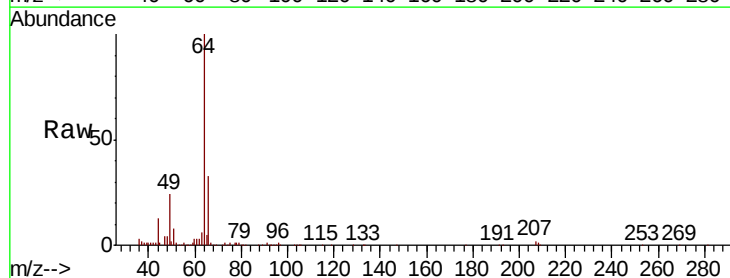
Acq: 01 May 2020 12:55

Tgt Ion: 64 Resp: 43192

Ion Ratio Lower Upper

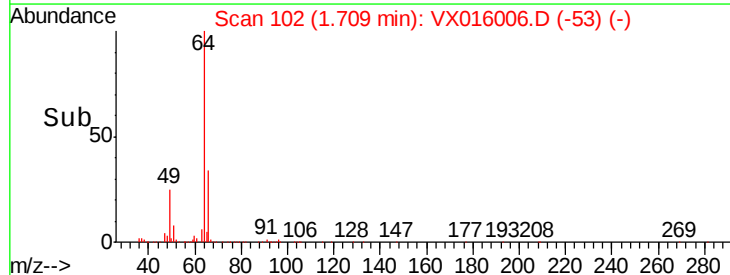
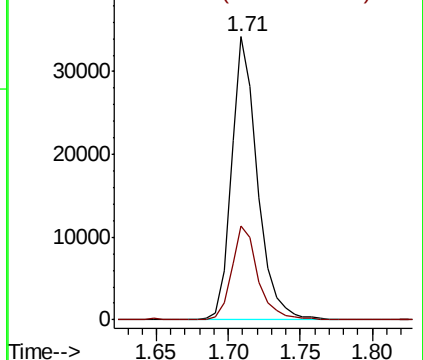
64 100

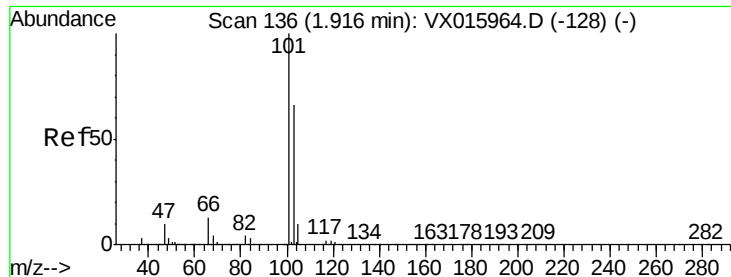
66 33.0 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



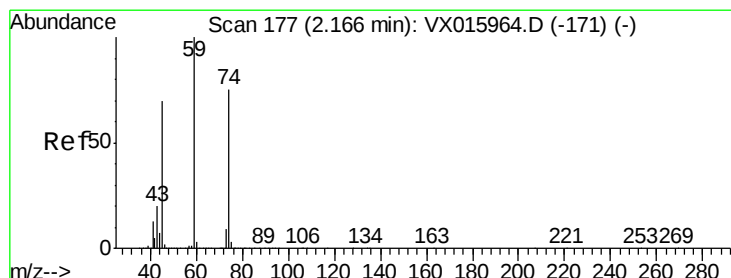
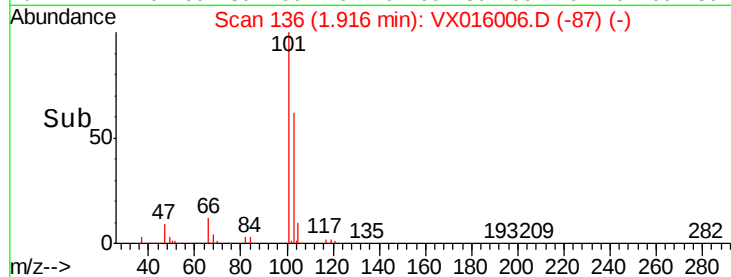
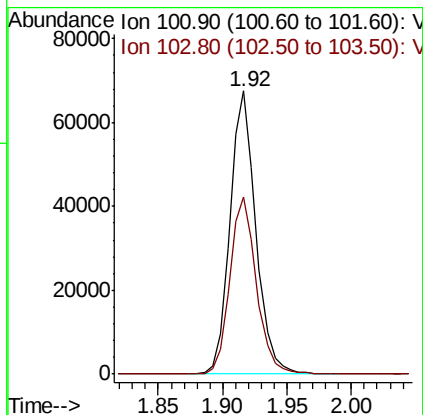
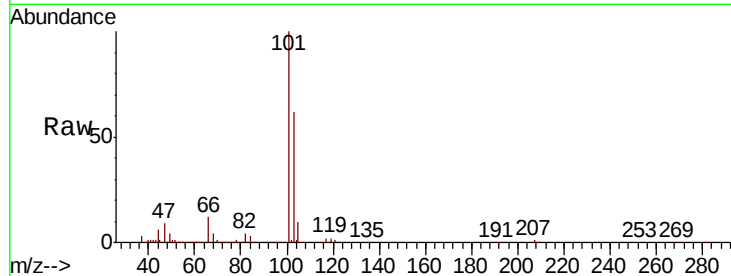


#7

Trichlorofluoromethane
 Concen: 17.628 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

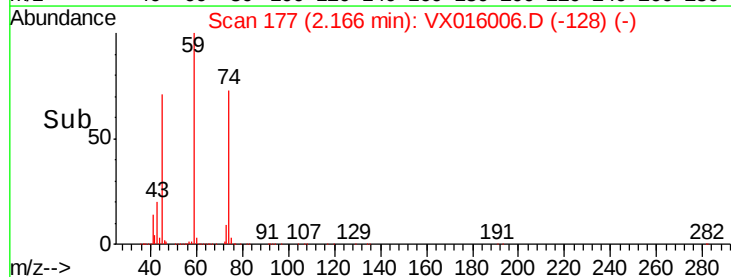
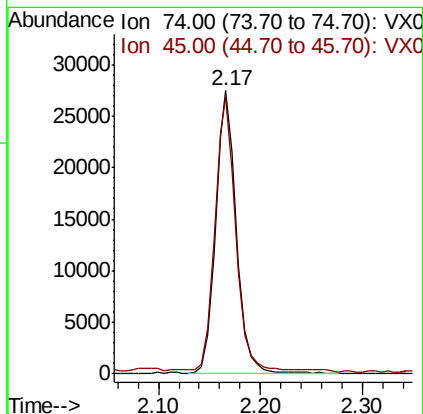
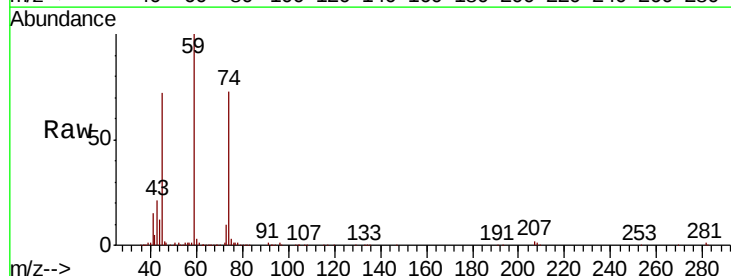
Tot Ion:101 Resp: 94807
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.4 78.6

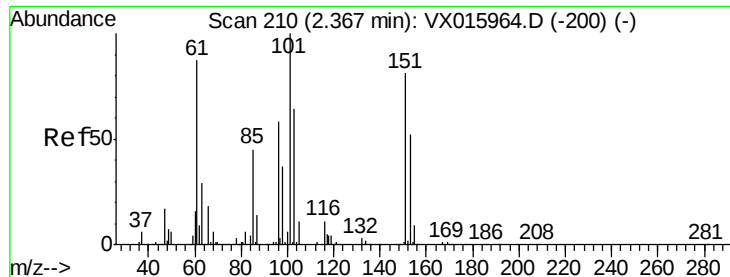


#8

Diethyl Ether
 Concen: 17.494 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion: 74 Resp: 39279
 Ion Ratio Lower Upper
 74 100
 45 95.0 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.527 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

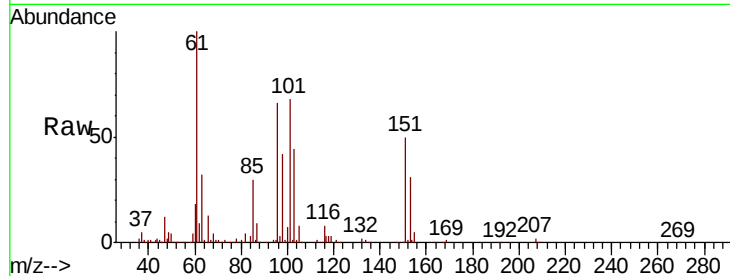
Tot Ion:101 Resp: 52350

Ion Ratio Lower Upper

101 100

85 44.7 36.3 54.5

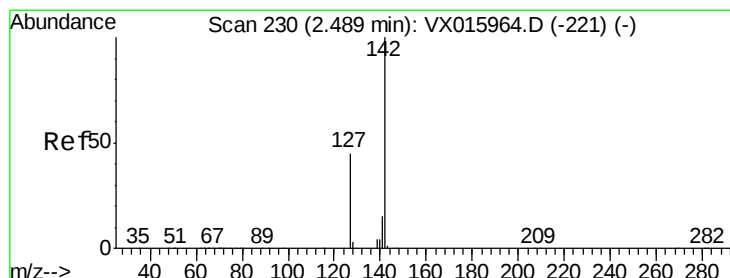
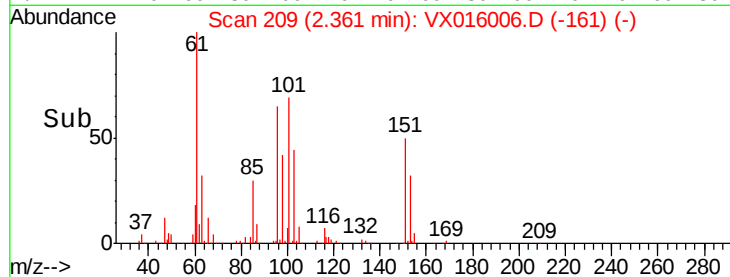
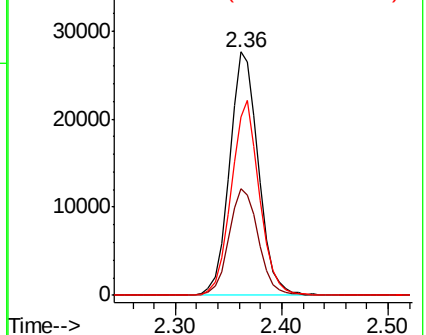
151 78.2 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.326 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

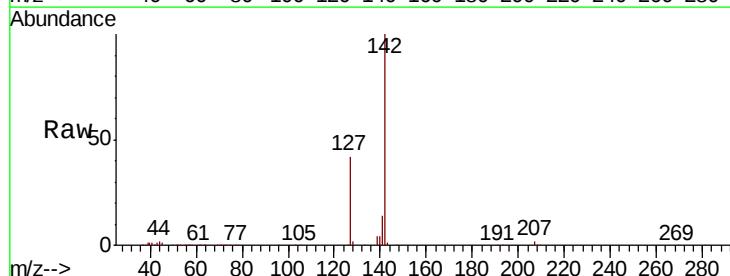
Tgt Ion:142 Resp: 64794

Ion Ratio Lower Upper

142 100

127 44.4 36.5 54.7

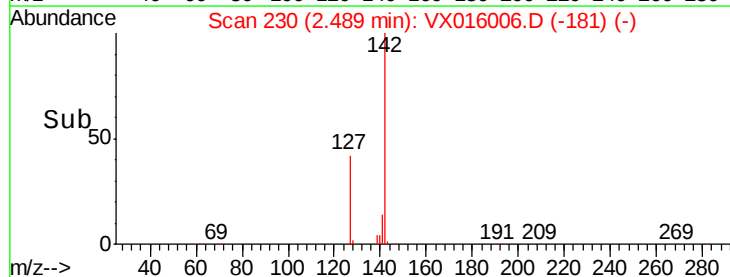
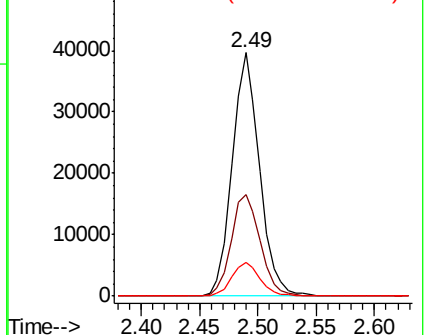
141 14.5 11.6 17.4

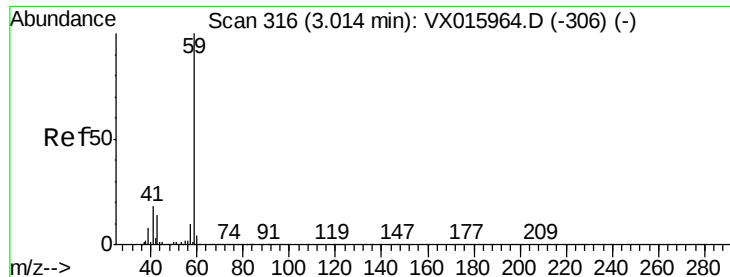


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



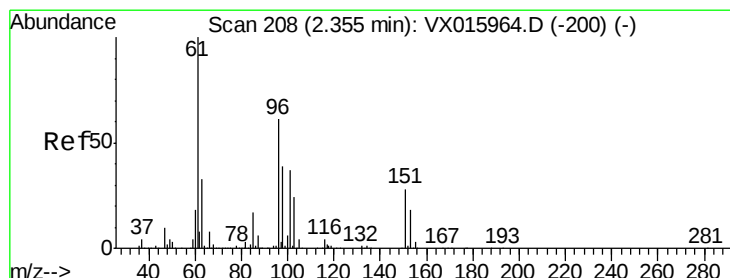
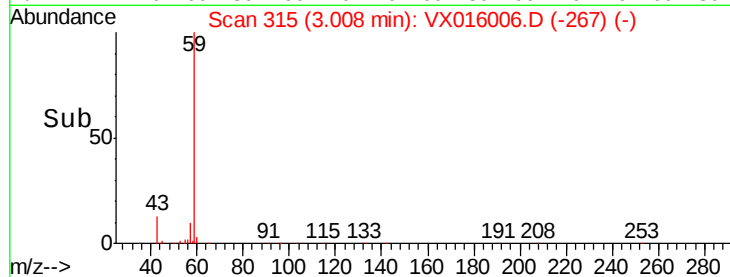
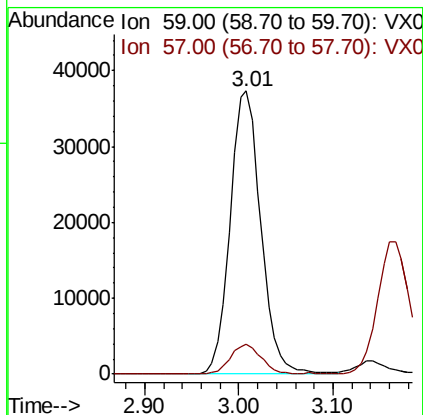
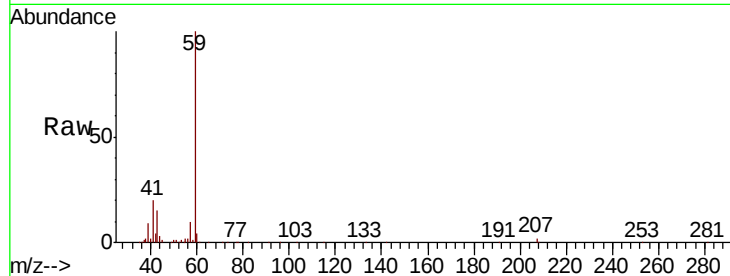


#11

Tert butyl alcohol
 Concen: 92.233 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

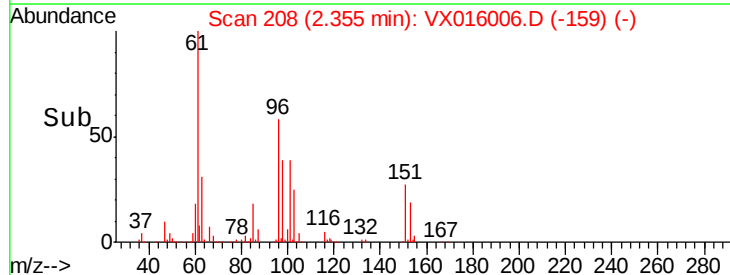
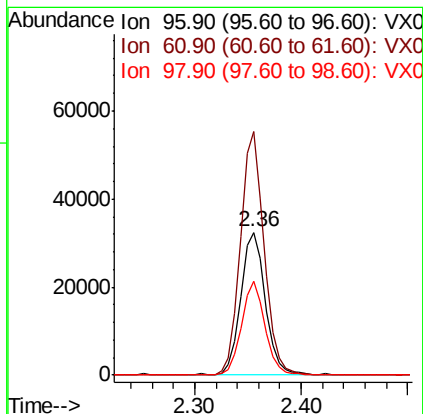
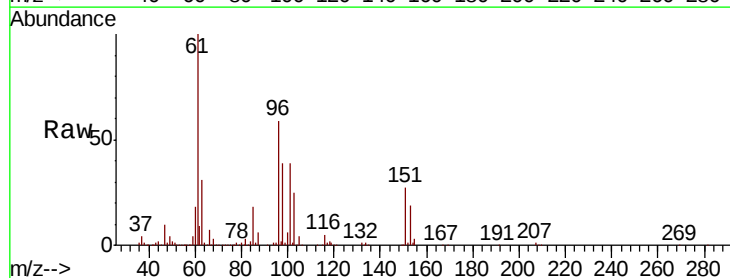
Tot Ion: 59 Resp: 84570
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

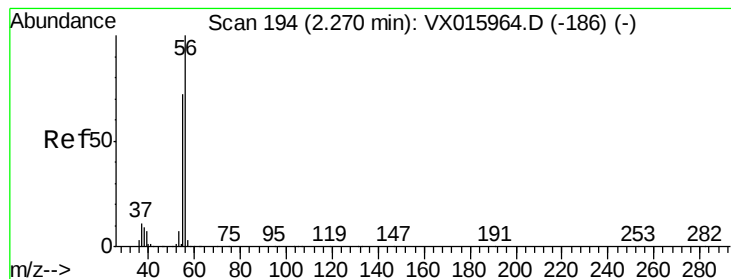


#12

1,1-Dichloroethene
 Concen: 18.796 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion: 96 Resp: 51955
 Ion Ratio Lower Upper
 96 100
 61 171.4 131.0 196.4
 98 66.4 50.7 76.1





#13

Acrolein

Concen: 90.487 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

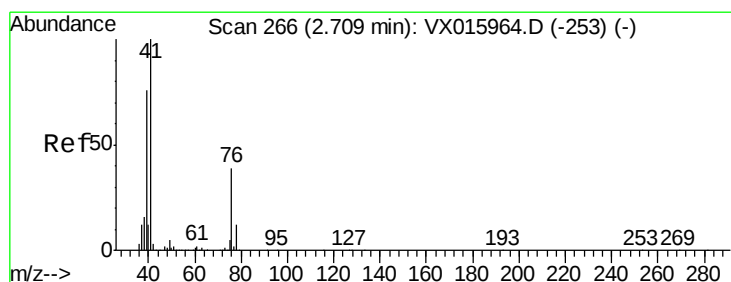
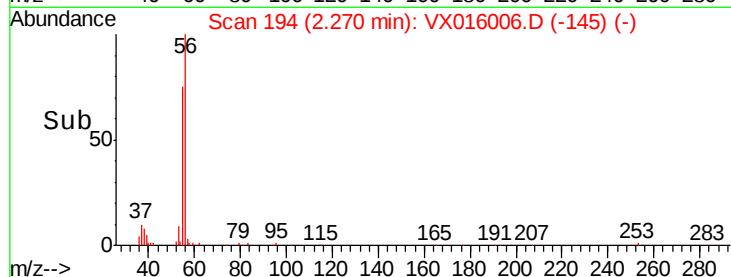
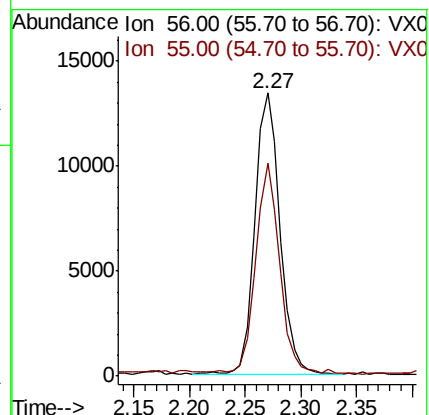
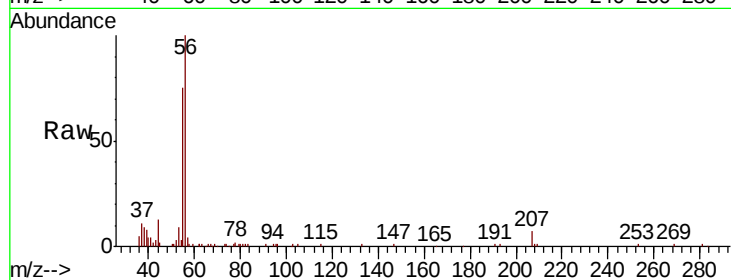
VX0501WBS01

Tot Ion: 56 Resp: 20851

Ion Ratio Lower Upper

56 100

55 71.3 56.9 85.3



#14

Allyl chloride

Concen: 19.243 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

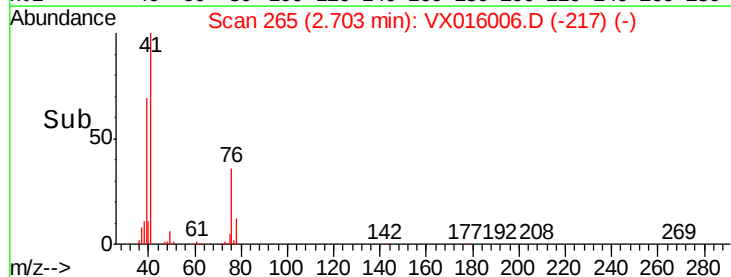
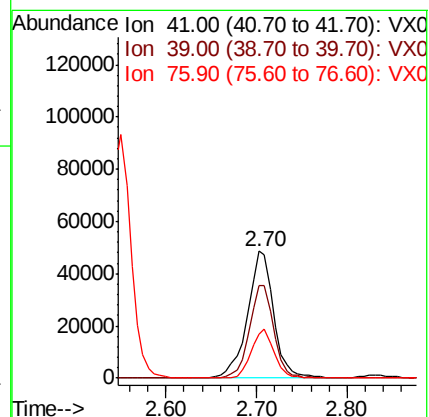
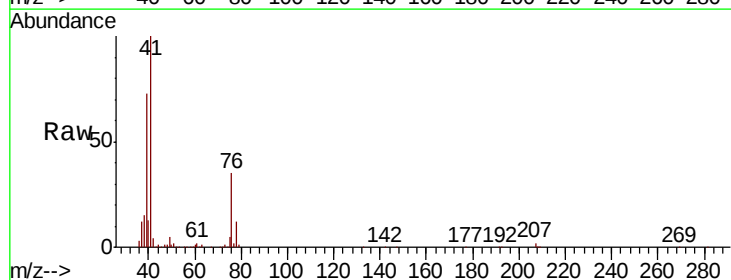
Tgt Ion: 41 Resp: 95910

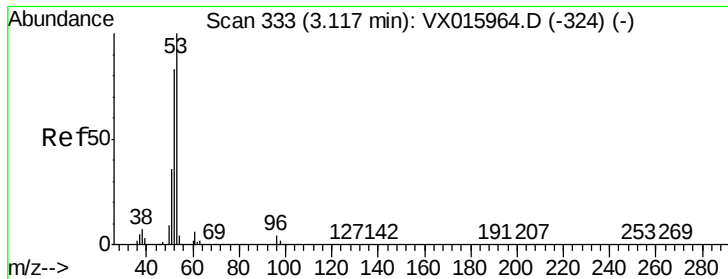
Ion Ratio Lower Upper

41 100

39 68.3 55.4 83.0

76 33.7 27.1 40.7





#15

Acrylonitrile

Concen: 93.228 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

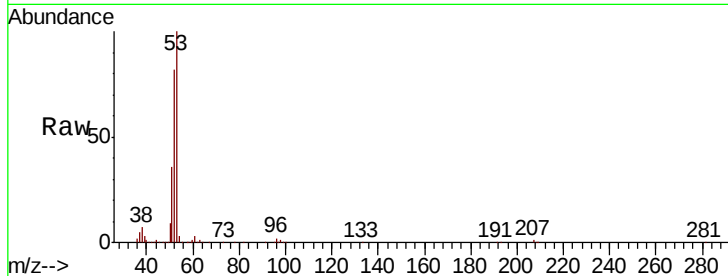
Tot Ion: 53 Resp: 169495

Ion Ratio Lower Upper

53 100

52 82.0 65.5 98.3

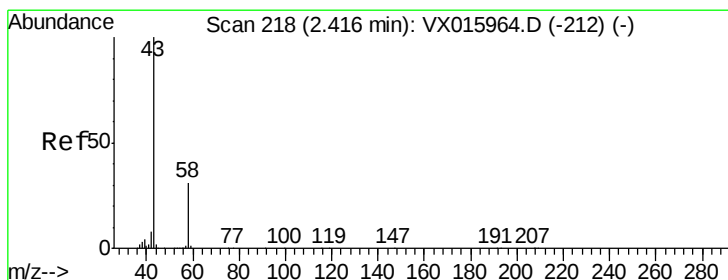
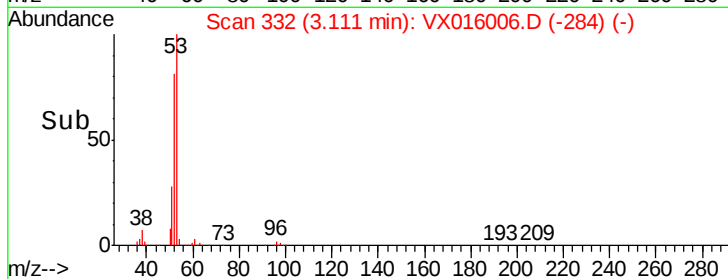
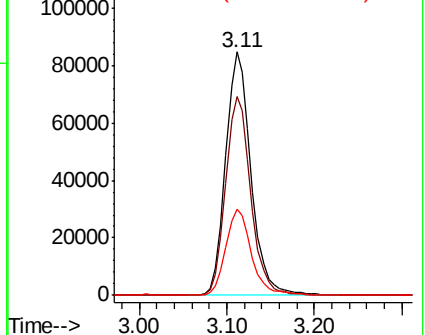
51 36.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.317 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016006.D

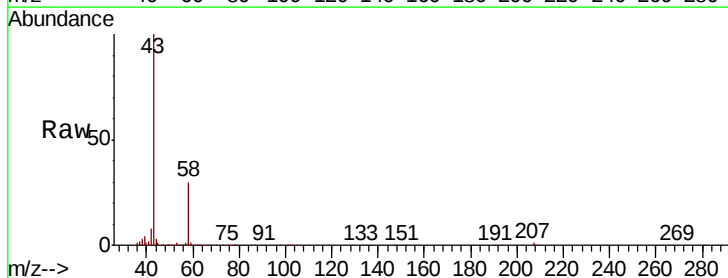
Acq: 01 May 2020 12:55

Tgt Ion: 43 Resp: 150731

Ion Ratio Lower Upper

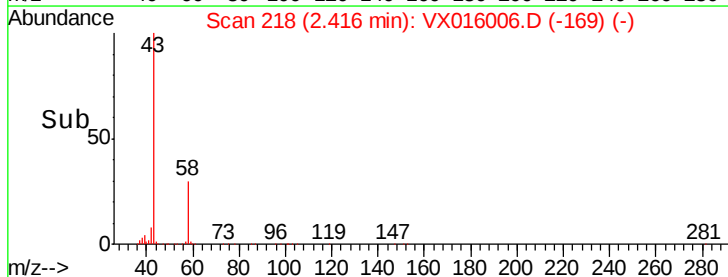
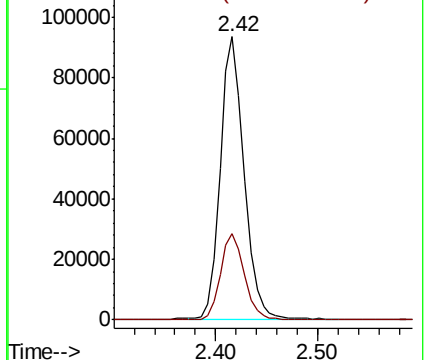
43 100

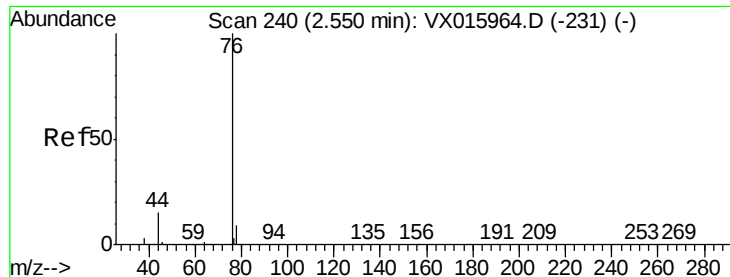
58 30.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.394 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

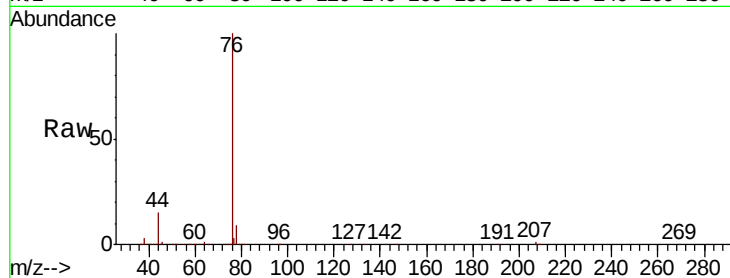
VX0501WBS01

Tot Ion: 76 Resp: 149632

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

100000

80000

60000

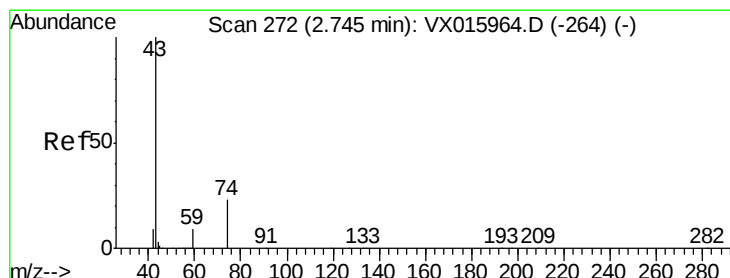
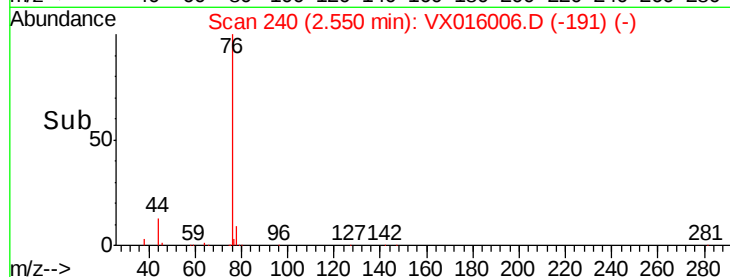
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 18.848 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016006.D

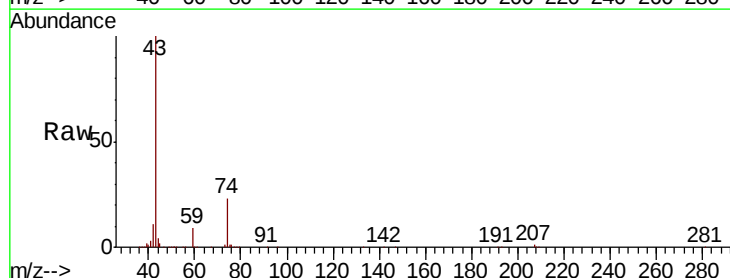
Acq: 01 May 2020 12:55

Tgt Ion: 43 Resp: 86393

Ion Ratio Lower Upper

43 100

74 24.6 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

50000

40000

30000

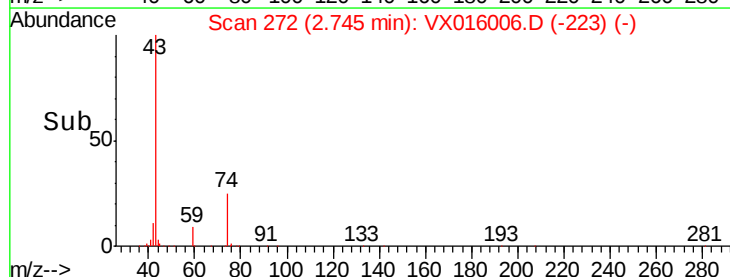
20000

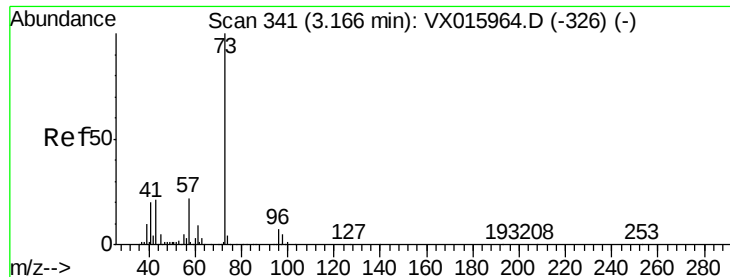
10000

0

Time-->

2.65 2.70 2.75 2.80 2.85



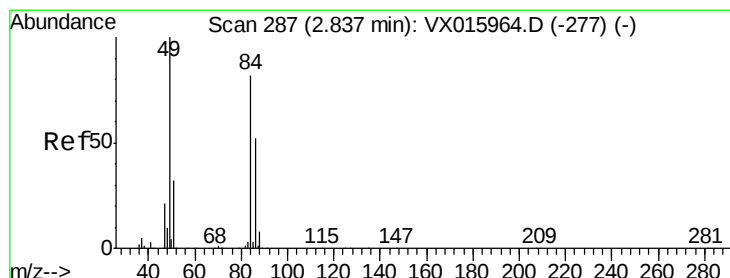
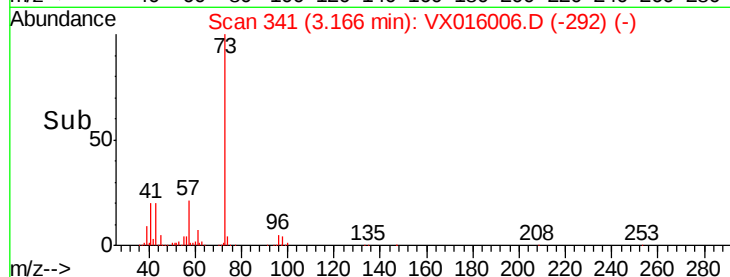
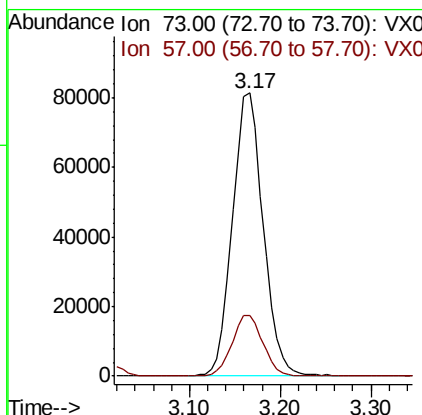
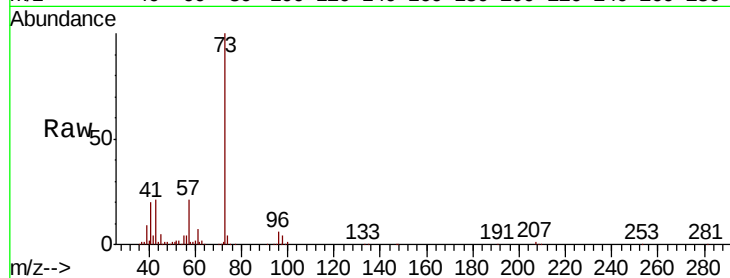


#19

Methyl tert-butyl Ether
 Concen: 19.015 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

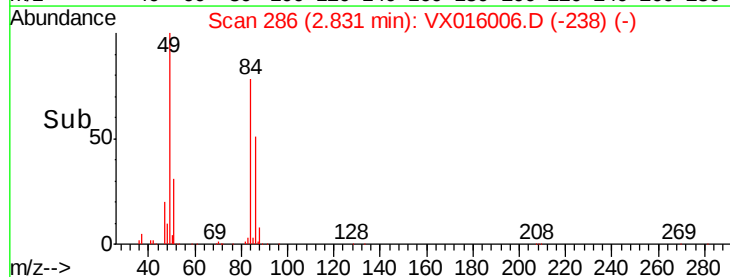
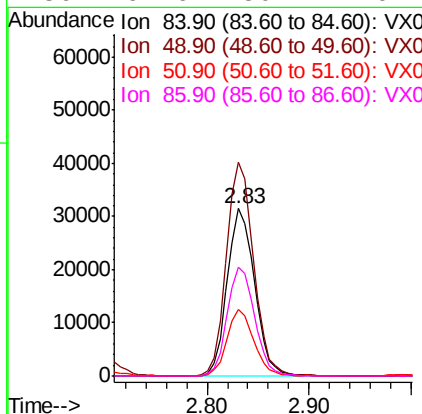
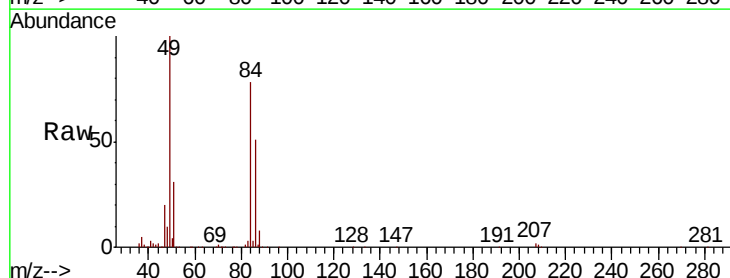
Tot Ion: 73 Resp: 190099
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.5 26.3

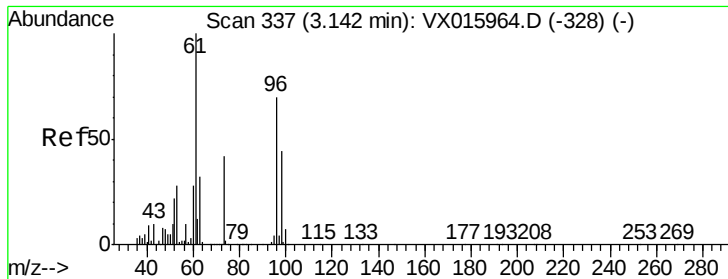


#20

Methylene Chloride
 Concen: 18.285 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion: 84 Resp: 58466
 Ion Ratio Lower Upper
 84 100
 49 127.4 97.9 146.9
 51 39.6 31.2 46.8
 86 64.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 17.912 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

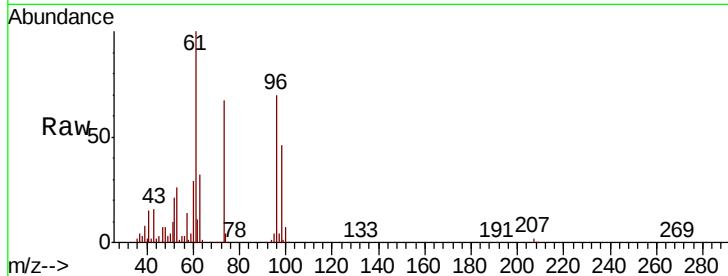
Tot Ion: 96 Resp: 55798

Ion Ratio Lower Upper

96 100

61 144.1 113.6 170.4

98 66.8 50.3 75.5

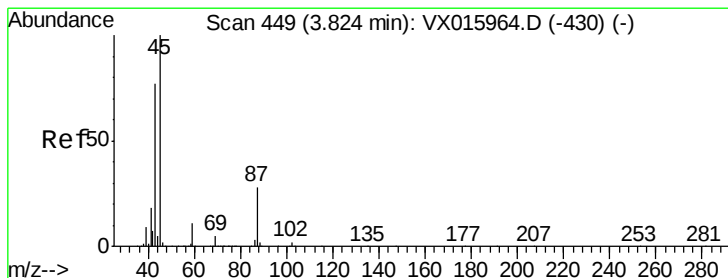
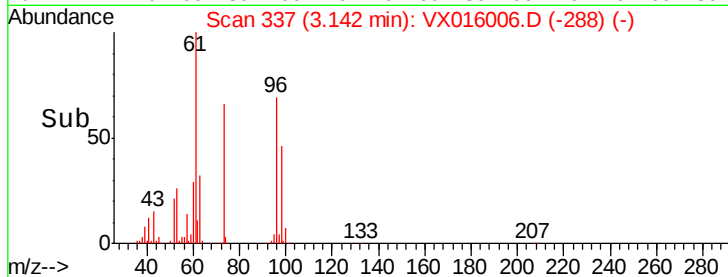
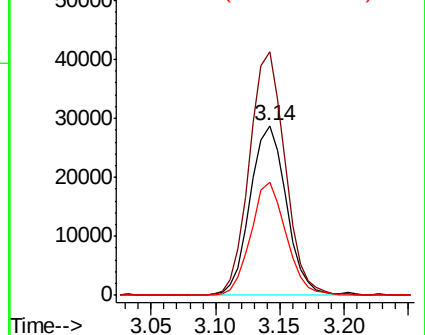


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.017 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion: 45 Resp: 186351

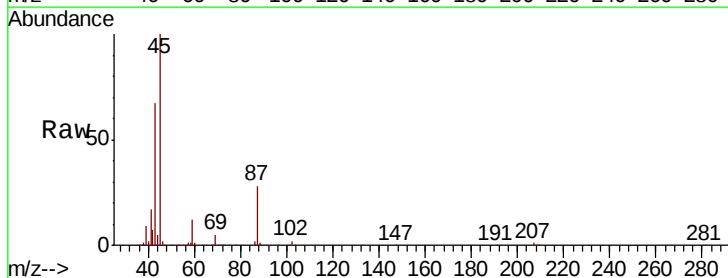
Ion Ratio Lower Upper

45 100

43 66.7 61.3 91.9

87 27.8 22.6 33.8

59 11.6 9.0 13.6



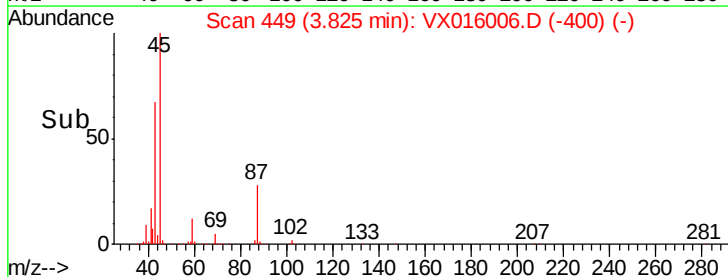
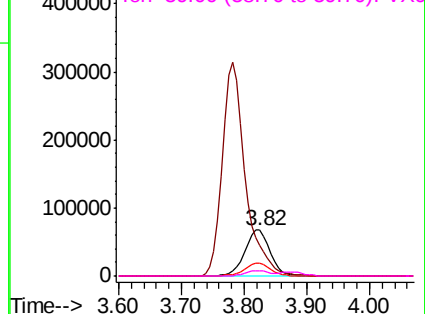
Abundance

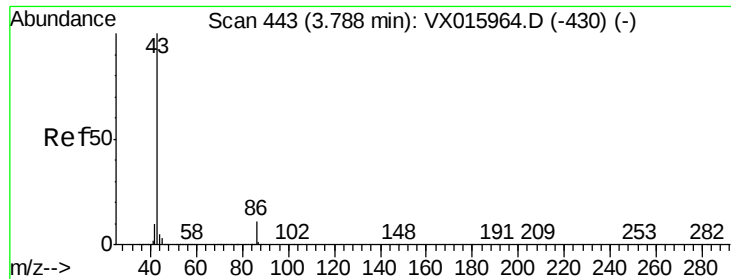
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.033 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

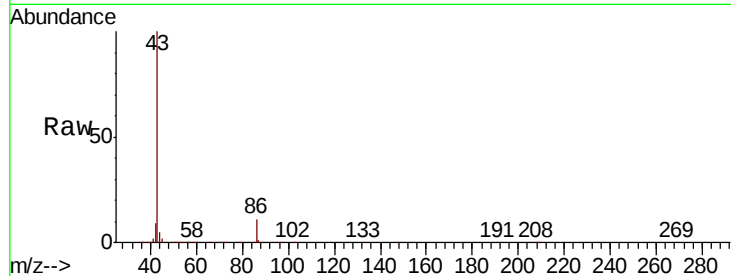
VX0501WBS01

Tot Ion: 43 Resp: 800433

Ion Ratio Lower Upper

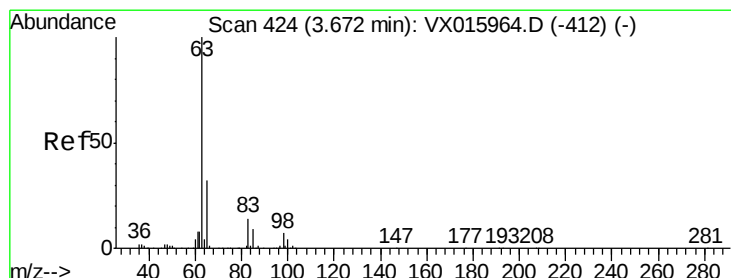
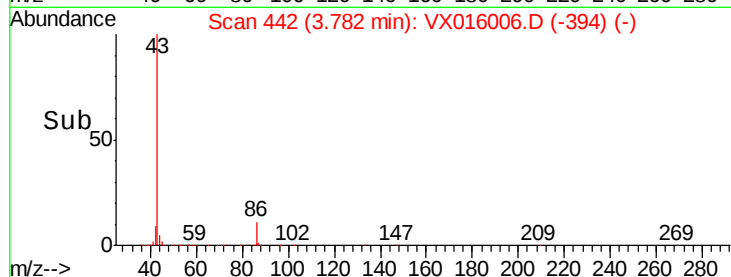
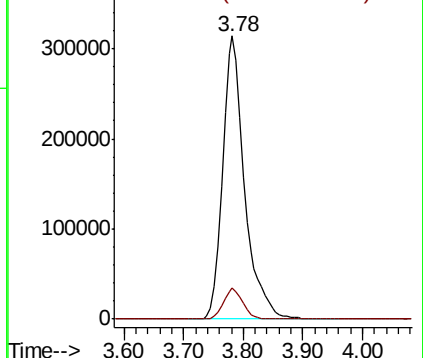
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.185 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

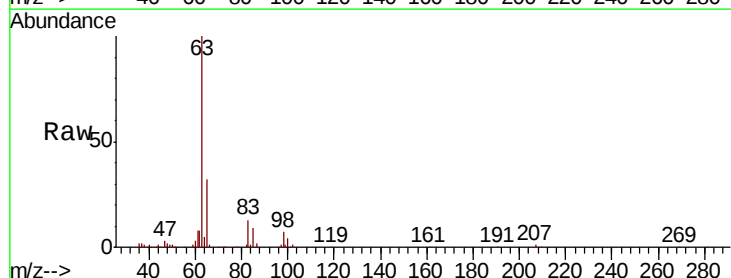
Tgt Ion: 63 Resp: 104725

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

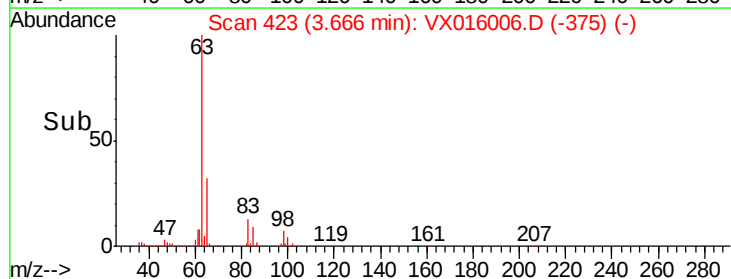
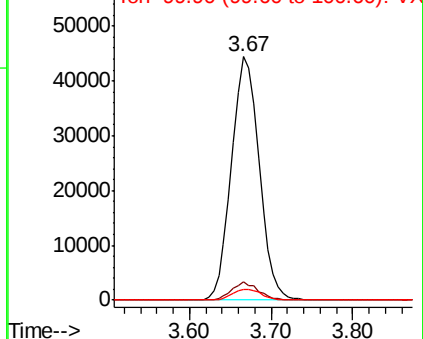
100 4.4 2.2 6.6

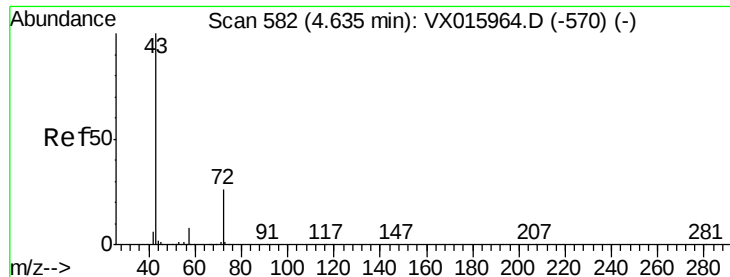


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 92.157 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

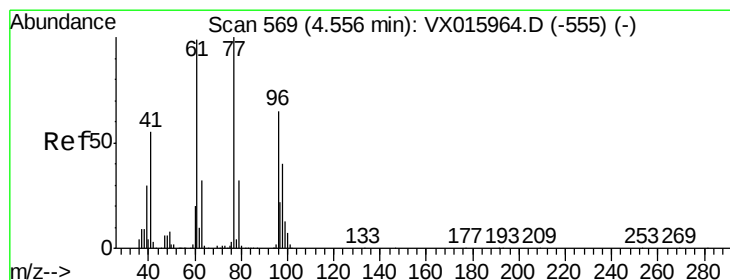
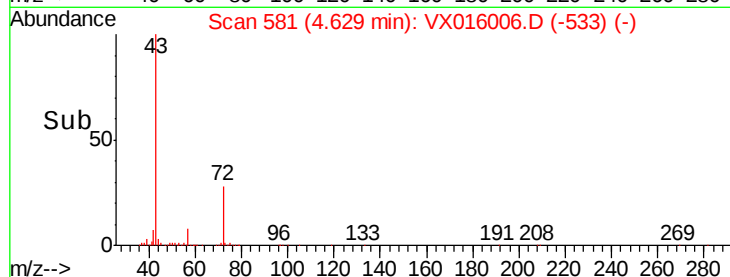
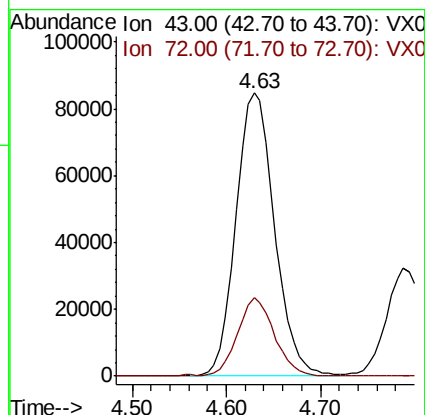
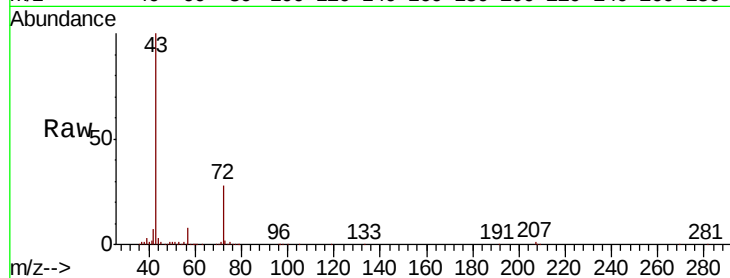
VX0501WBS01

Tot Ion: 43 Resp: 241221

Ion Ratio Lower Upper

43 100

72 27.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.095 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016006.D

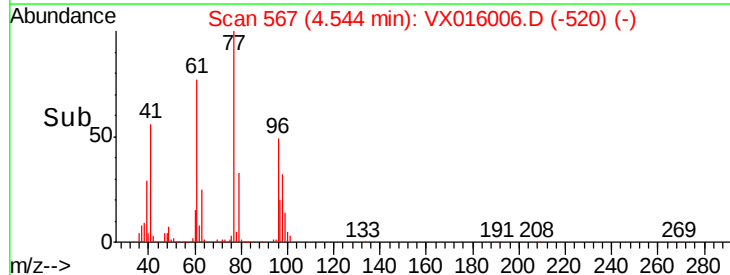
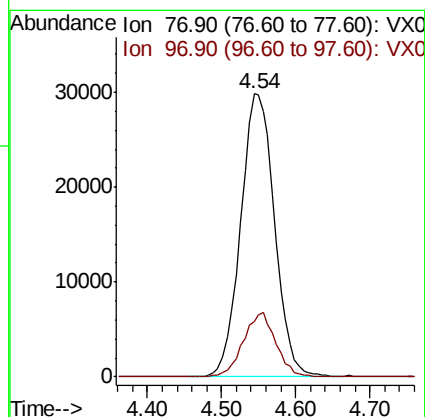
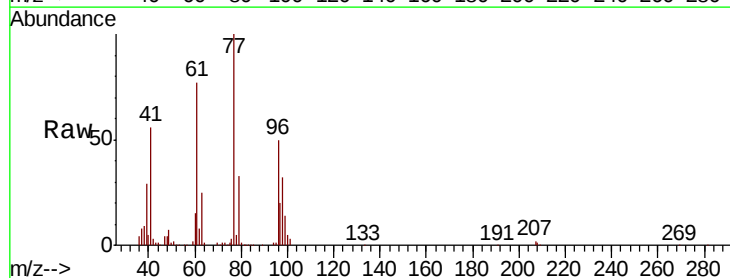
Acq: 01 May 2020 12:55

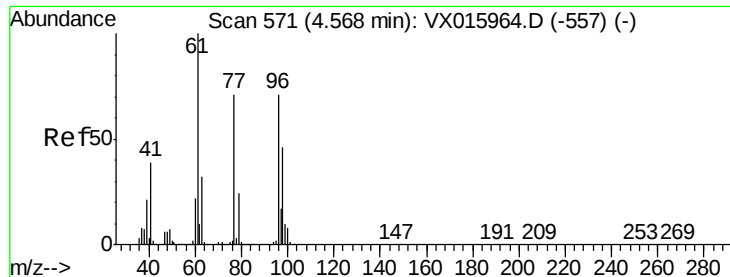
Tgt Ion: 77 Resp: 95303

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.3



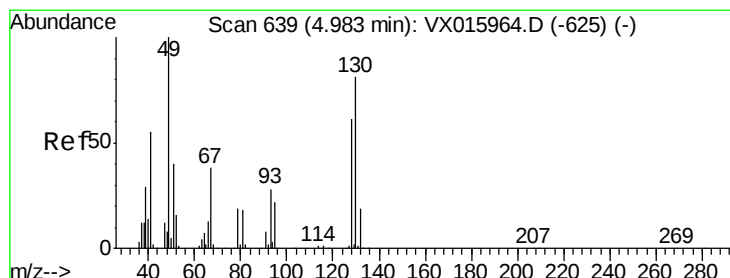
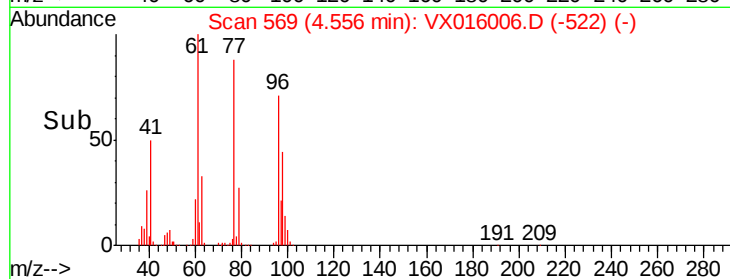
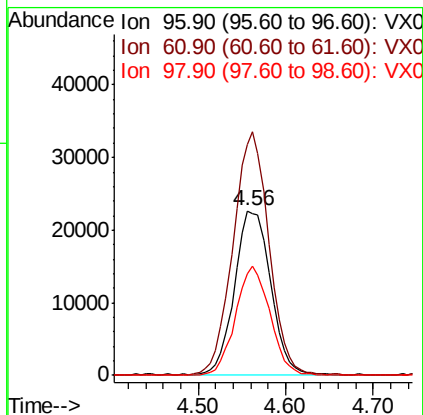
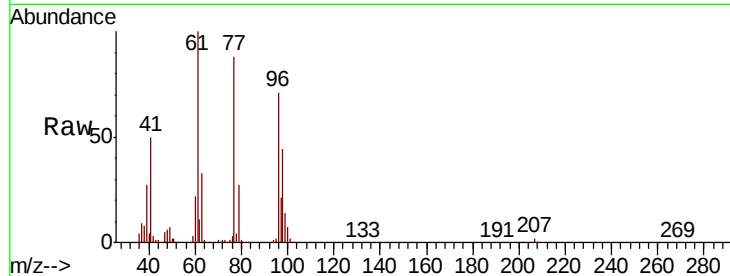


#27

cis-1,2-Dichloroethene
 Concen: 18.345 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

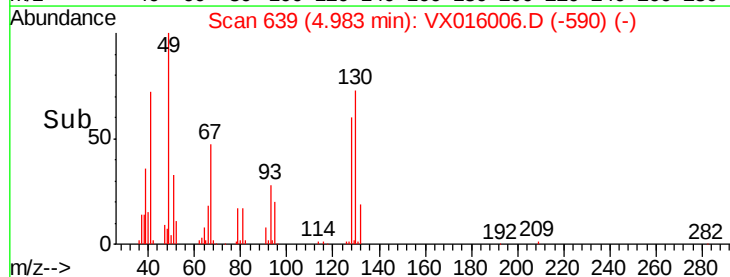
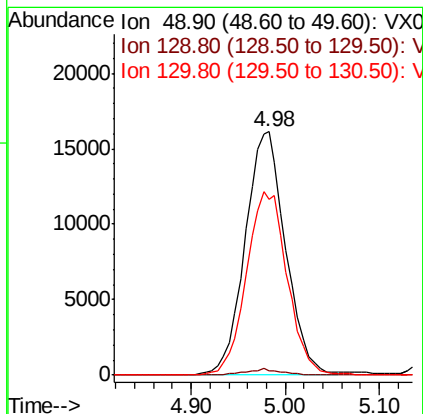
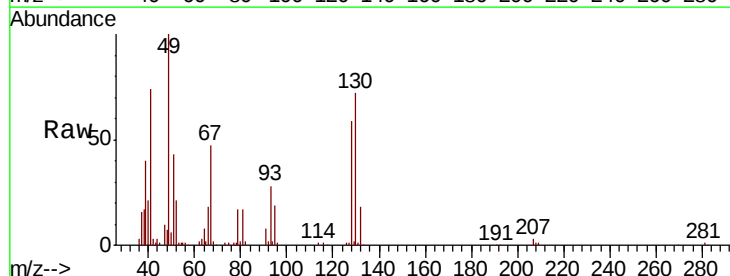
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	294.2
98	63.9	0.0	127.4

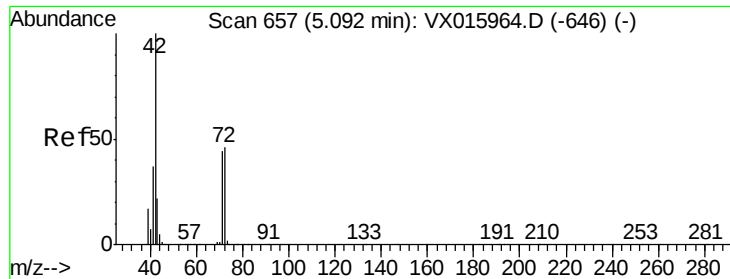


#28

Bromochloromethane
 Concen: 18.332 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	76.0	63.9	95.9





#29

Tetrahydrofuran

Concen: 91.978 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

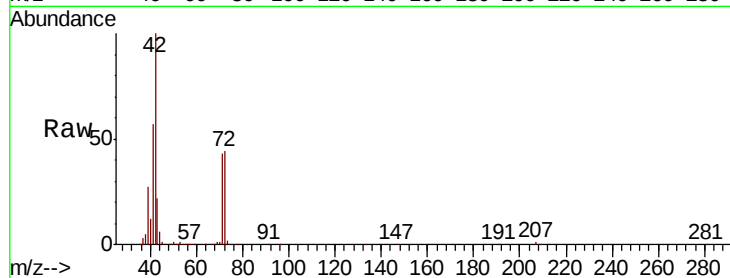
Tot Ion: 42 Resp: 157779

Ion Ratio Lower Upper

42 100

72 45.7 37.4 56.0

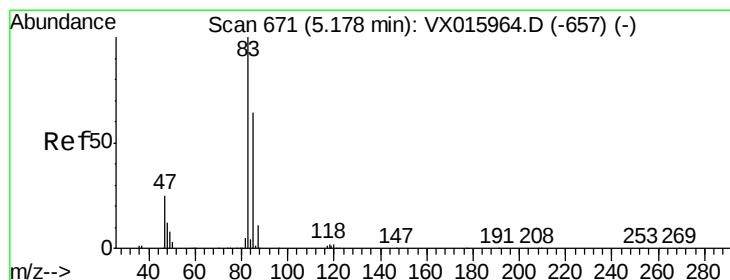
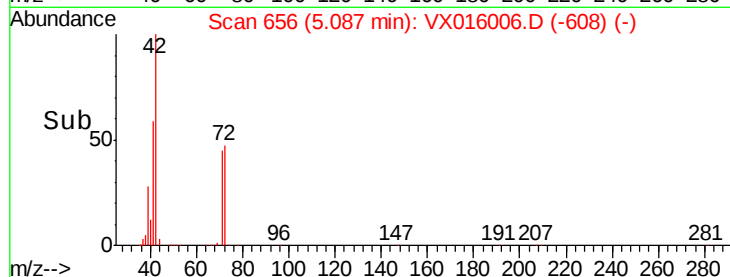
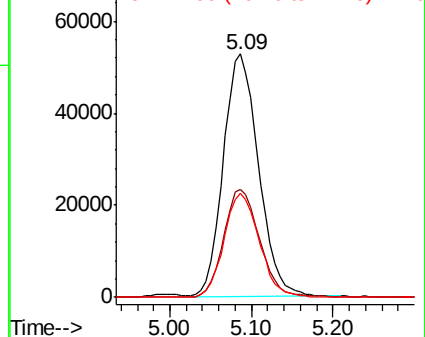
71 42.7 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.444 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016006.D

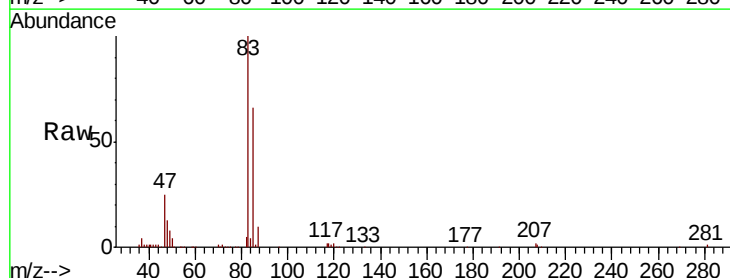
Acq: 01 May 2020 12:55

Tgt Ion: 83 Resp: 104692

Ion Ratio Lower Upper

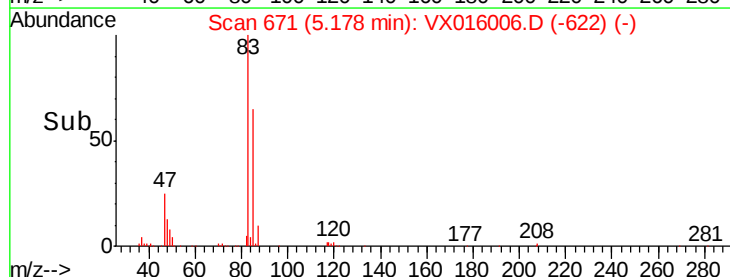
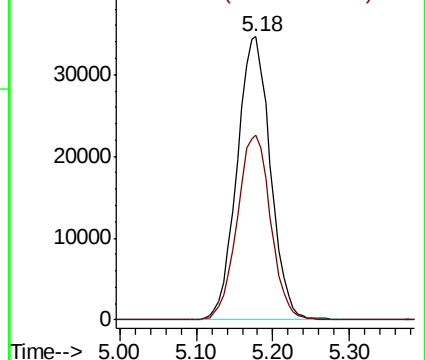
83 100

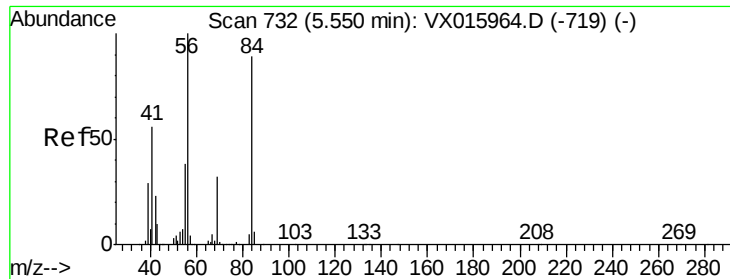
85 65.5 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

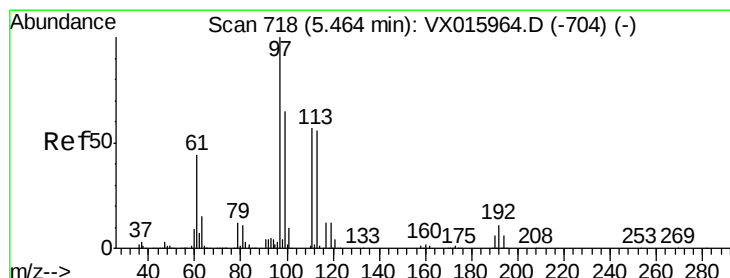
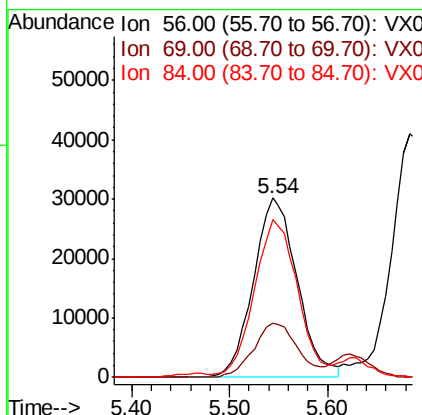
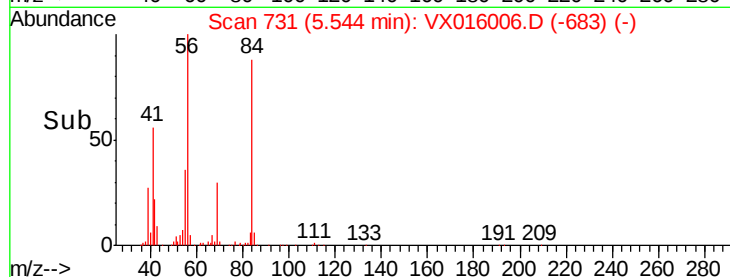
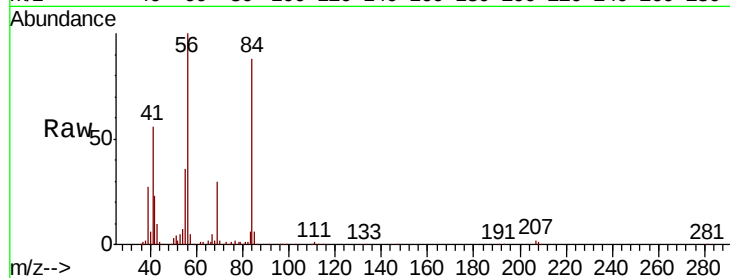




#31
Cyclohexane
Concen: 19.424 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

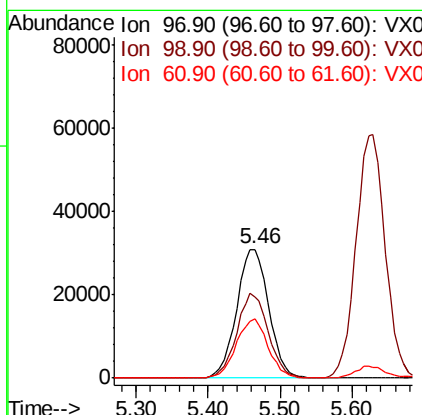
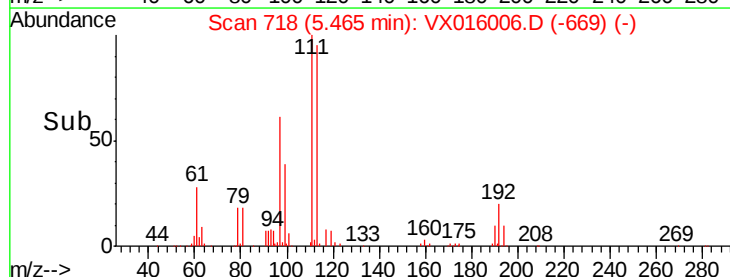
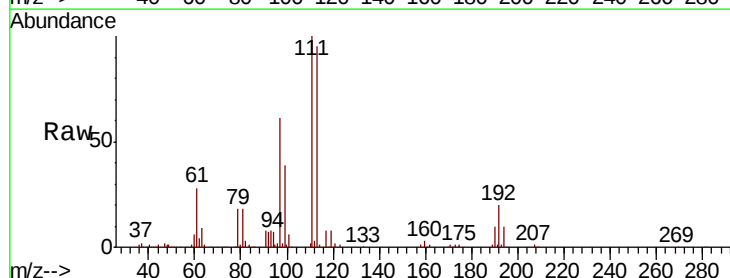
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

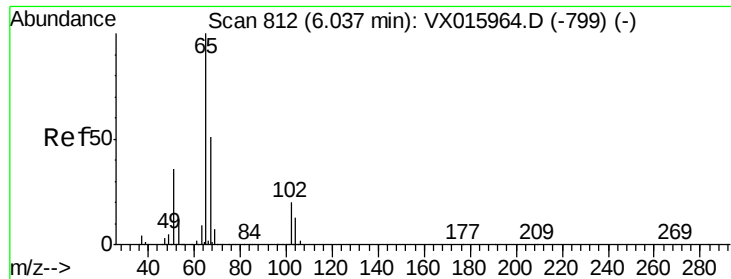
Tot Ion: 56 Resp: 94393
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.2
84 86.3 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 18.339 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion: 97 Resp: 95847
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 45.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 49.659 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

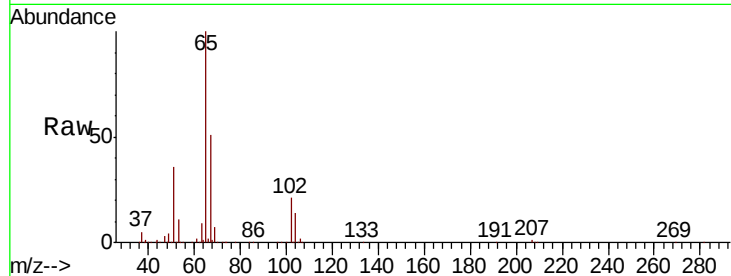
VX0501WBS01

Tot Ion: 65 Resp: 187579

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

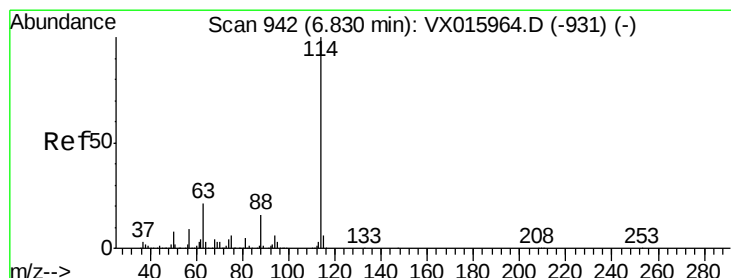
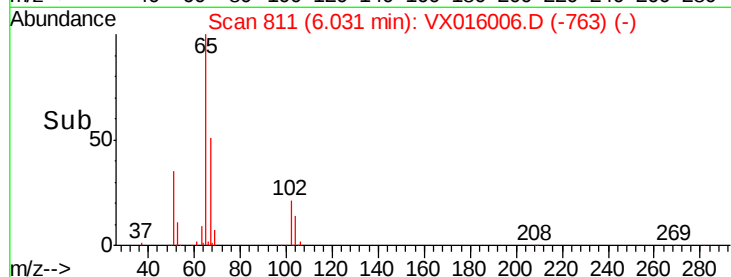
40000

20000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

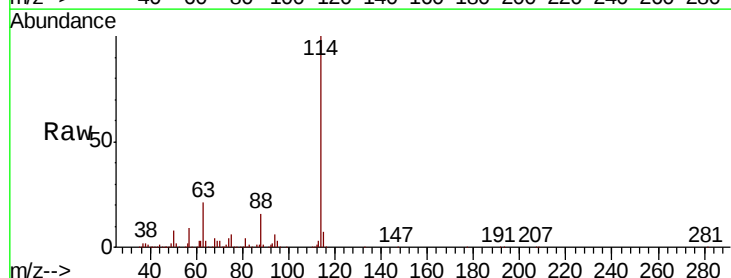
Tgt Ion: 114 Resp: 457977

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.2

88 15.6 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

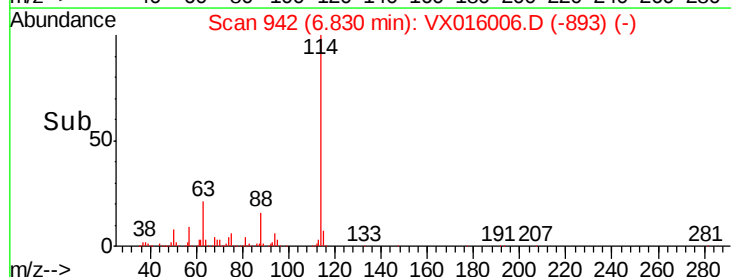
100000

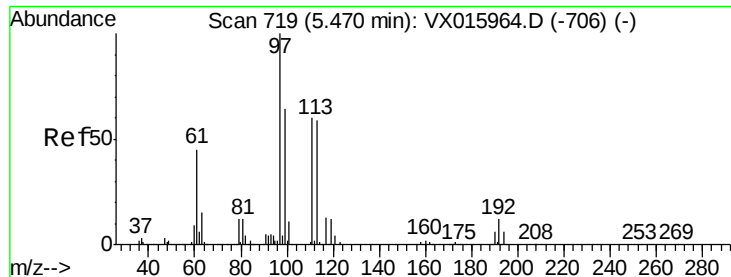
50000

0

6.70 6.80 6.90 7.00

Time-->

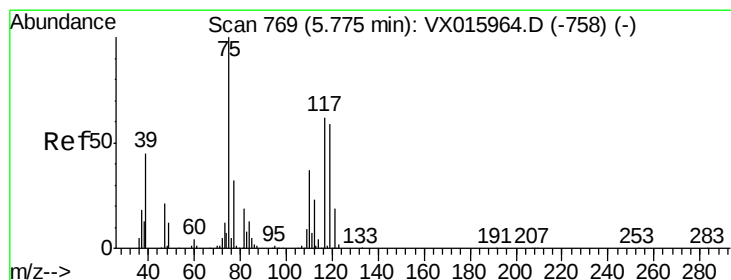
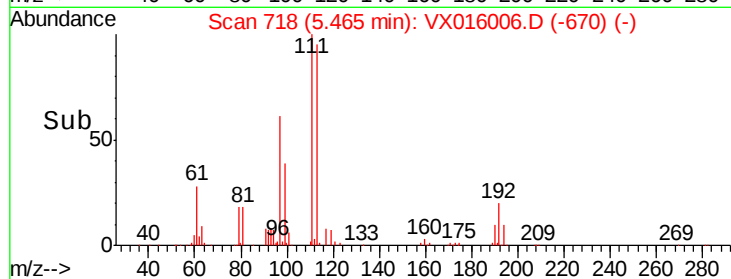
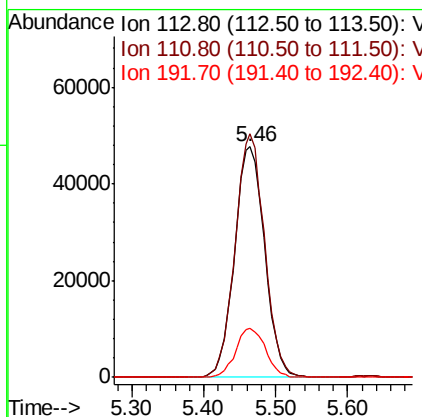
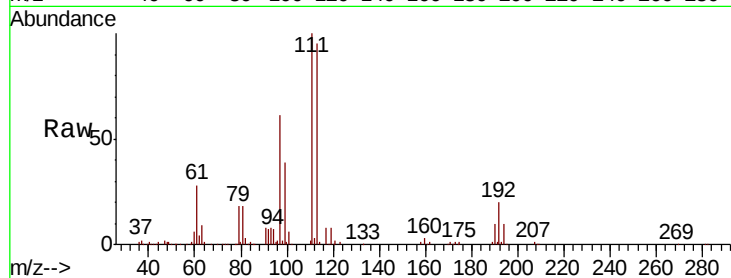




#35
 Dibromofluoromethane
 Concen: 48.538 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

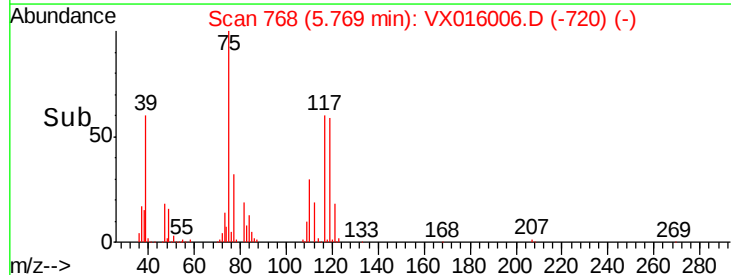
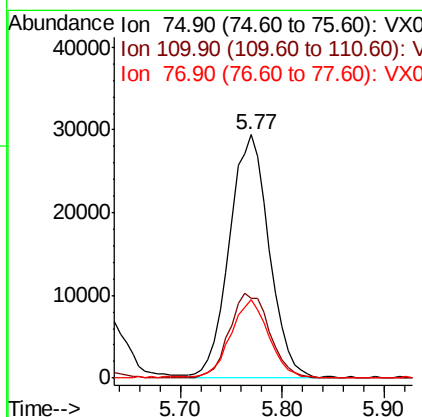
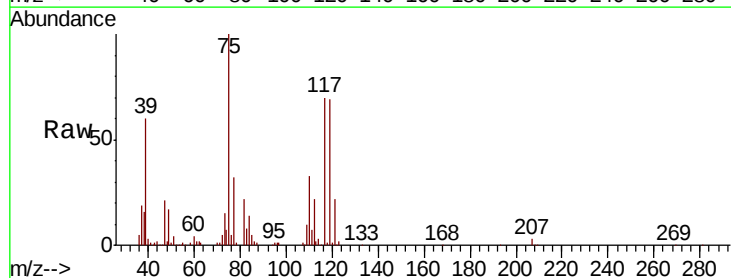
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

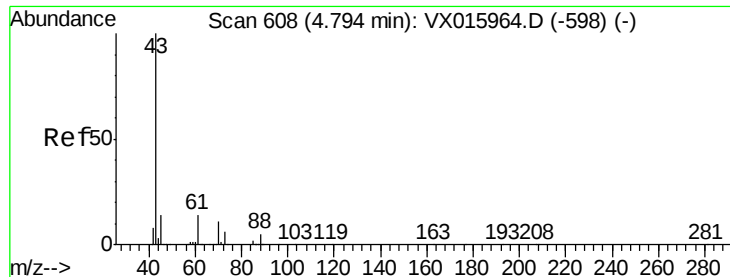
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	21.1	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 18.092 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.9	53.7
77	31.4	25.2	37.8

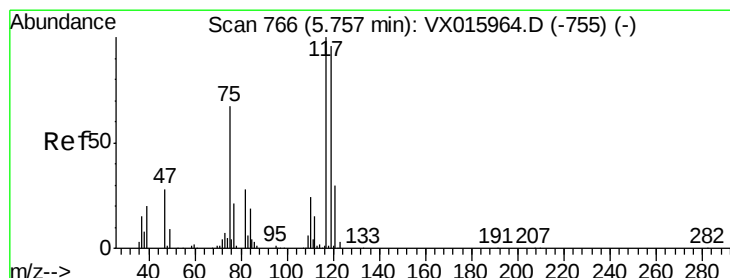
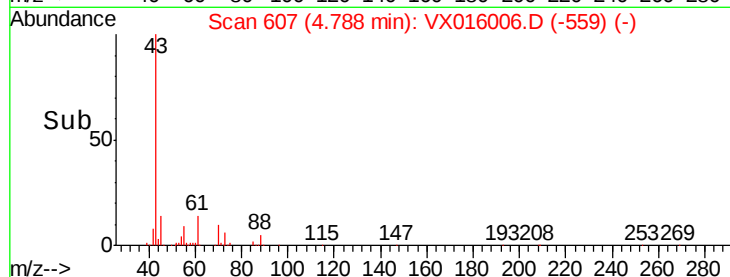
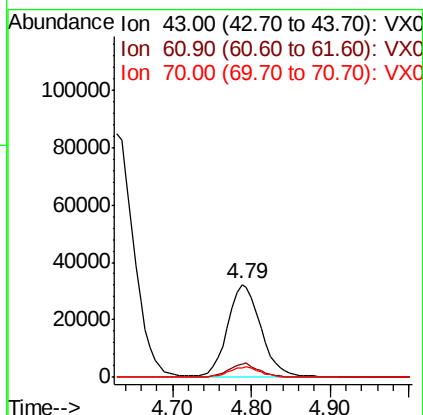
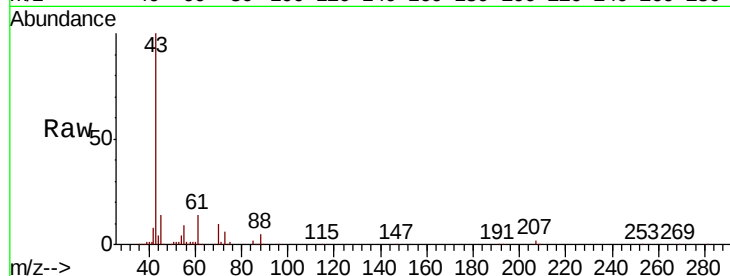




#37
Ethyl Acetate
Concen: 18.755 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

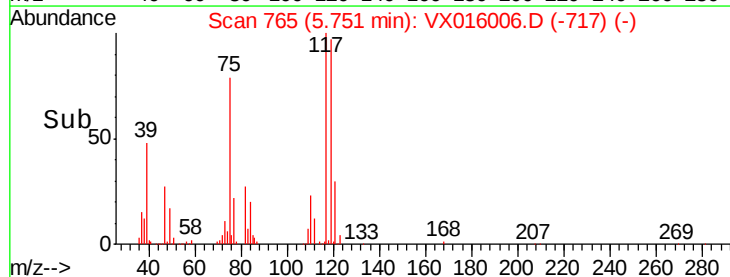
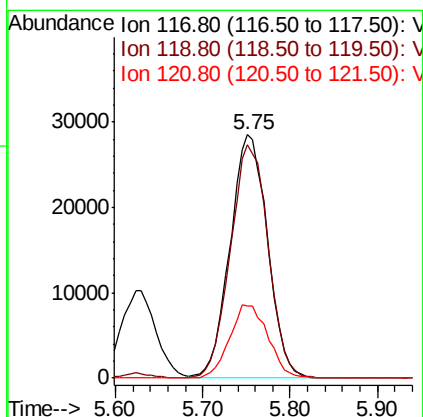
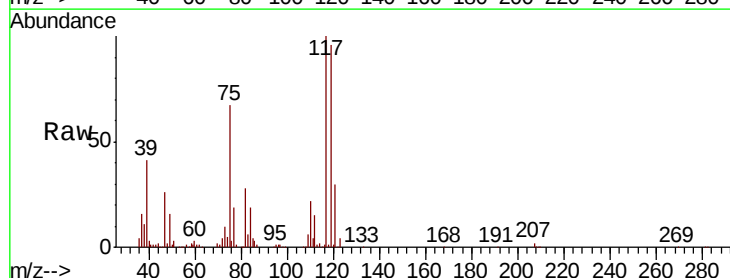
Instrument :
MSVOA_X
ClientSampled :
VX0501WBS01

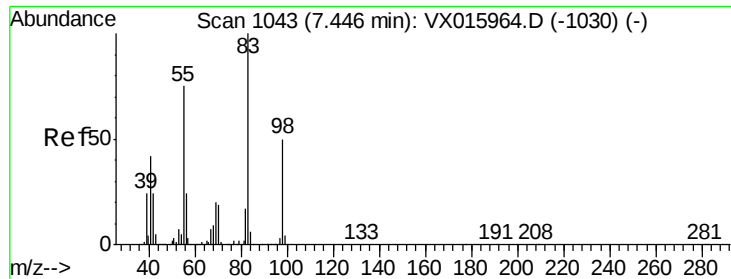
Tot Ion: 43 Resp: 93809
Ion Ratio Lower Upper
43 100
61 13.6 11.6 17.4
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 18.423 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion: 117 Resp: 84879
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4
121 29.6 24.2 36.4

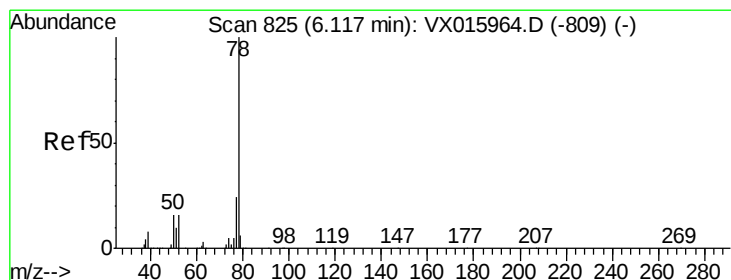
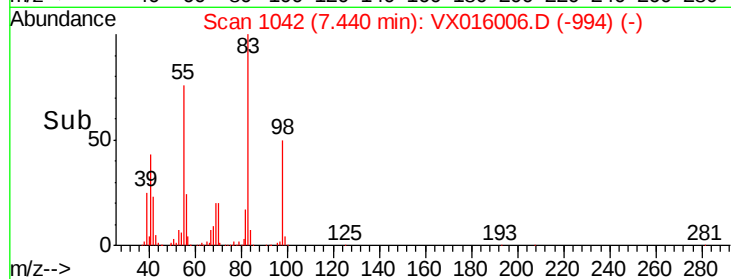
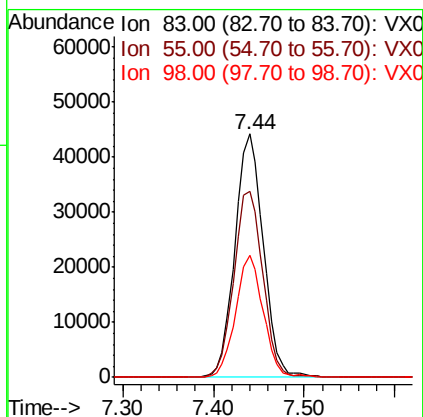
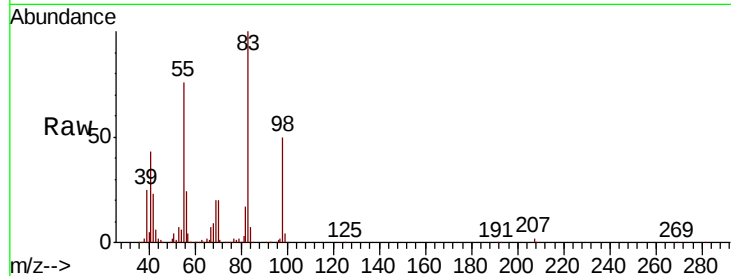




#39
Methvlcvclohexane
Concen: 19.065 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

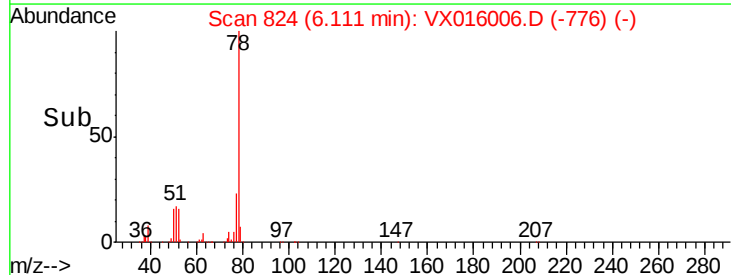
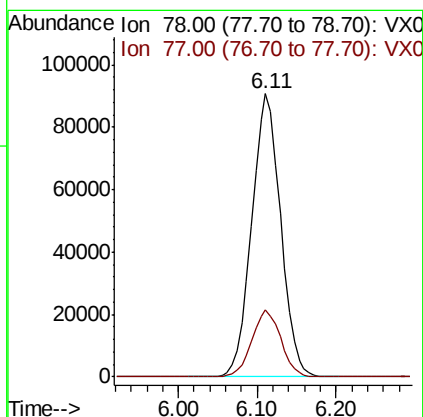
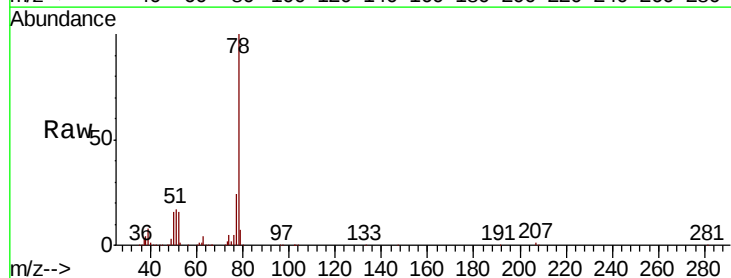
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

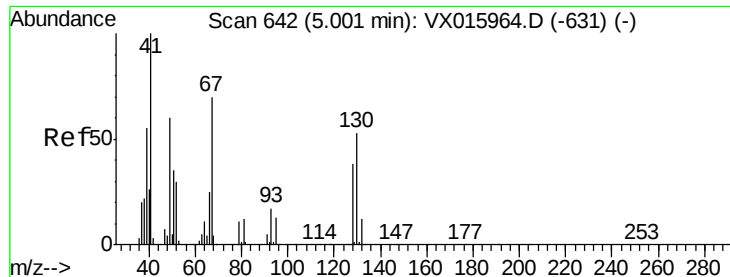
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	59.9	89.9
98	50.2	39.9	59.9



#40
Benzene
Concen: 18.599 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 19.073 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 41 Resp: 51065

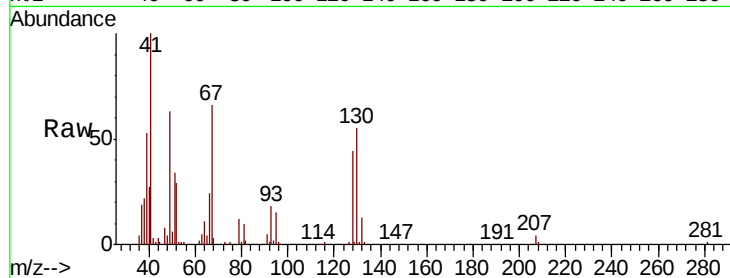
Ion Ratio Lower Upper

41 100

39 54.5 45.2 67.8

67 71.5 59.4 89.2

52 29.3 25.4 38.0

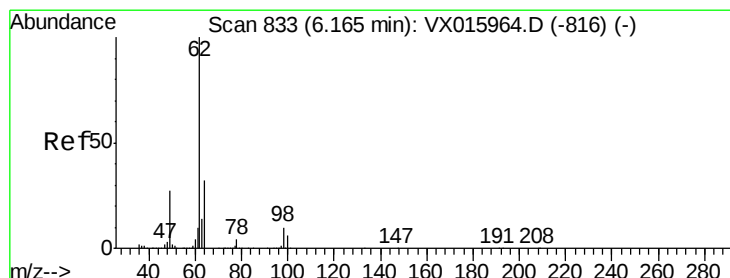
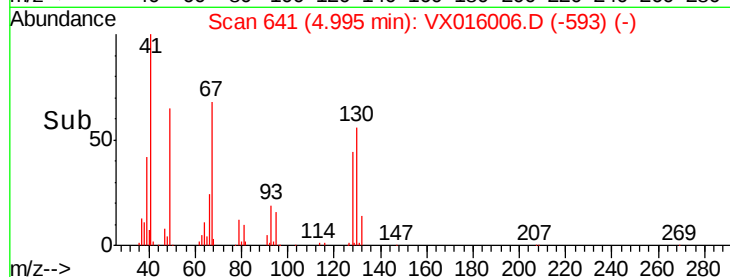
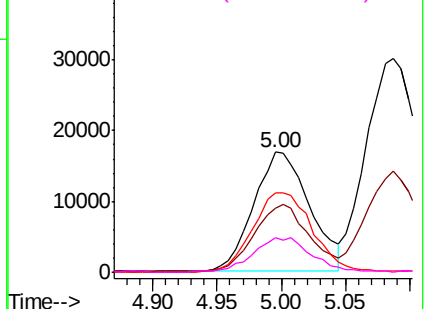


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.491 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016006.D

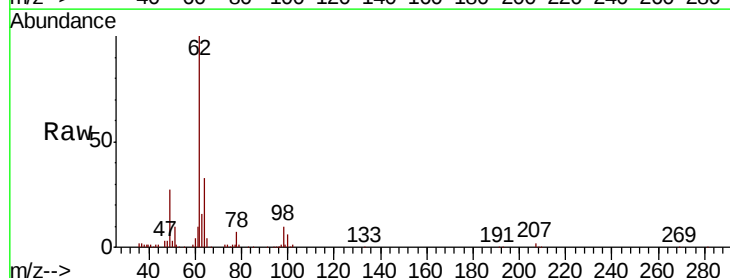
Acq: 01 May 2020 12:55

Tgt Ion: 62 Resp: 89171

Ion Ratio Lower Upper

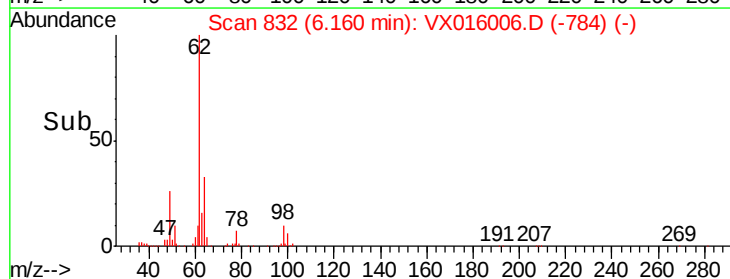
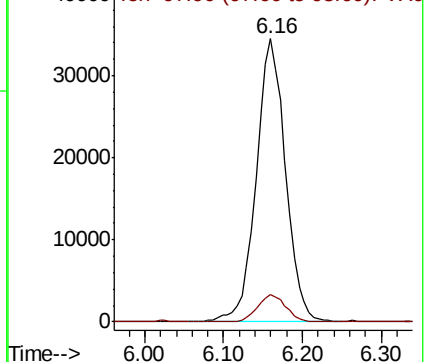
62 100

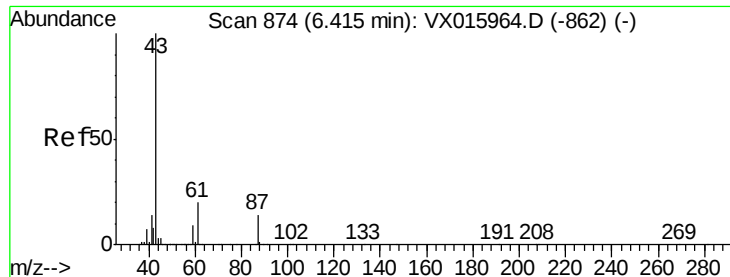
98 9.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



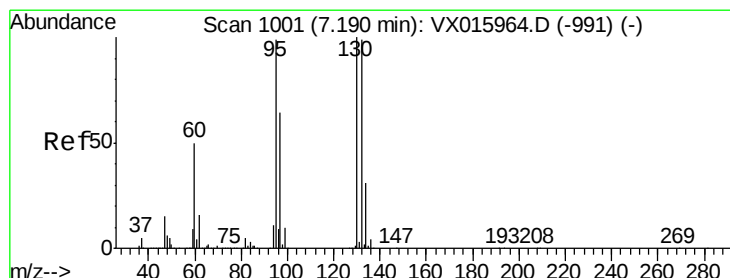
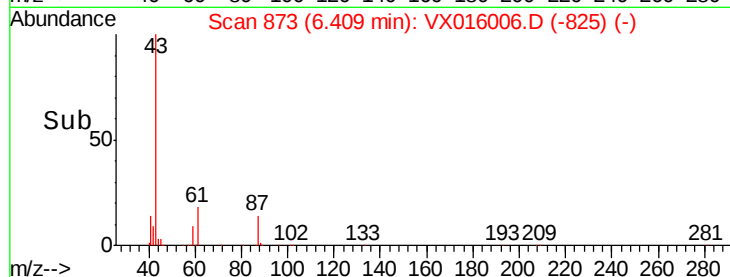
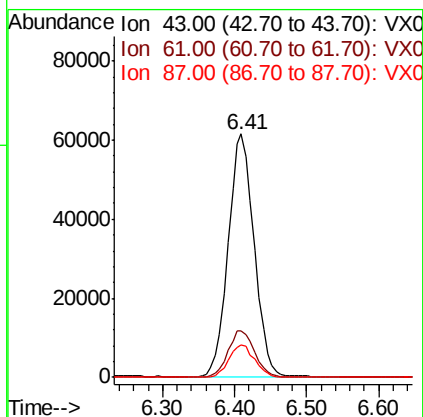
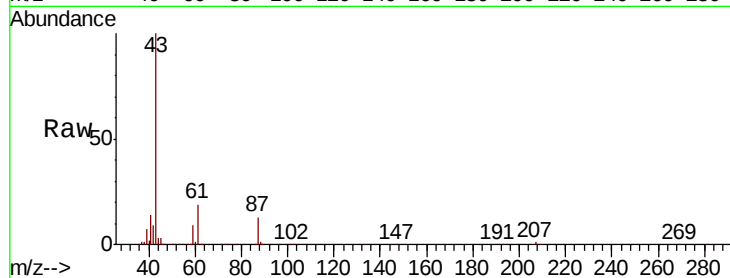


#43

Isopropyl Acetate
 Concen: 18.484 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

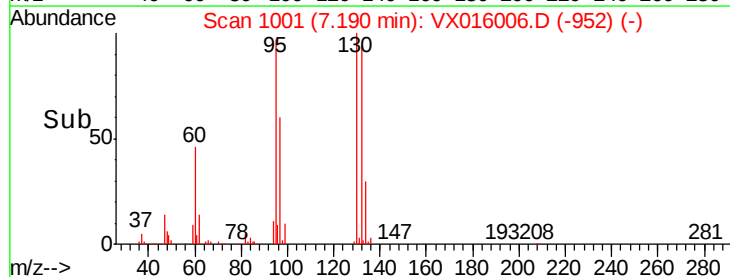
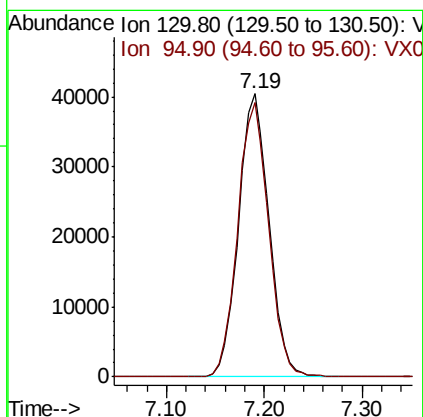
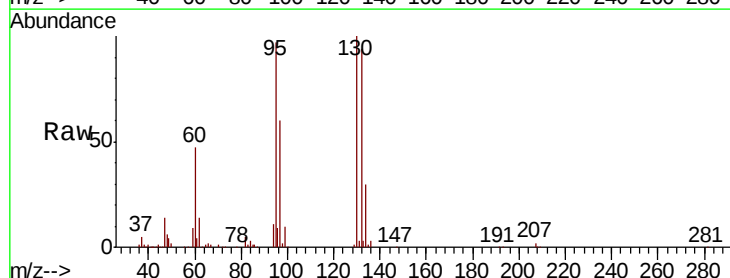
Tot Ion	43	Resp	153093
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.1	24.1
87	13.5	10.9	16.3

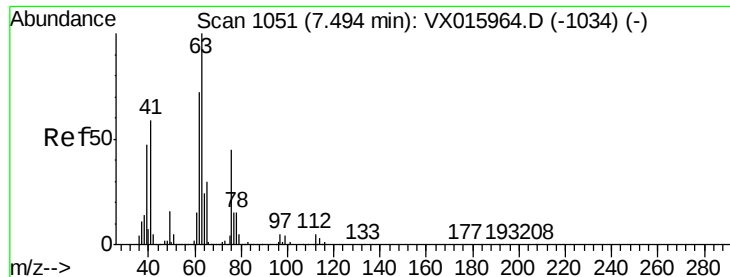


#44

Trichloroethene
 Concen: 19.527 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	130	Resp	87600
Ion Ratio	Lower	Upper	
130	100		
95	97.1	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.819 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

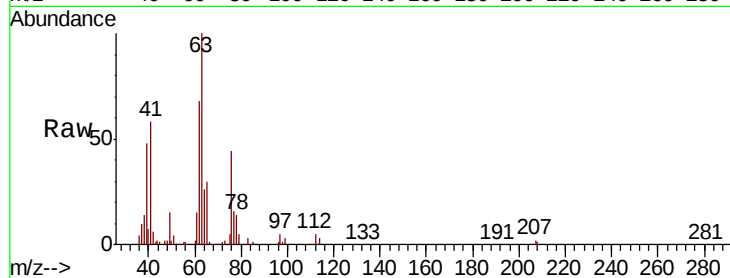
VX0501WBS01

Tot Ion: 63 Resp: 60531

Ion Ratio Lower Upper

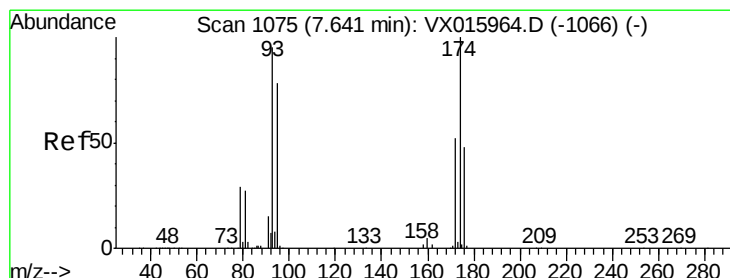
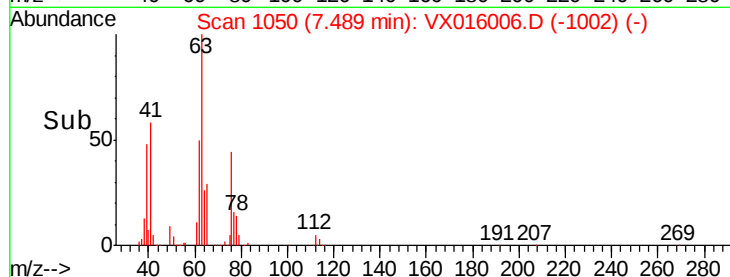
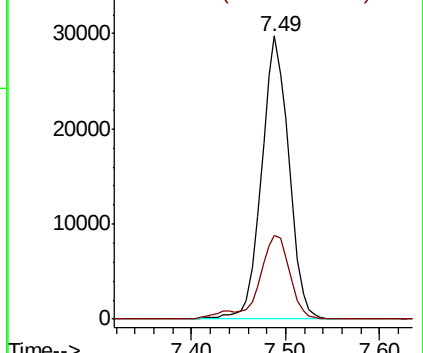
63 100

65 29.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.971 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

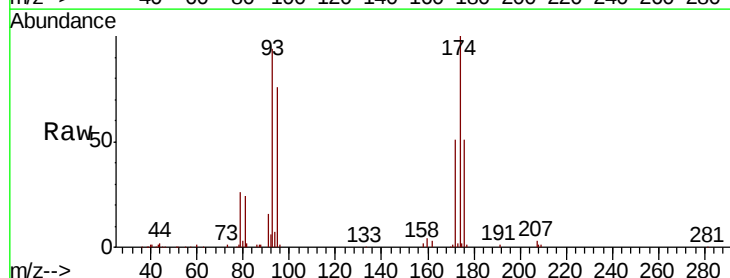
Tgt Ion: 93 Resp: 41074

Ion Ratio Lower Upper

93 100

95 81.7 65.5 98.3

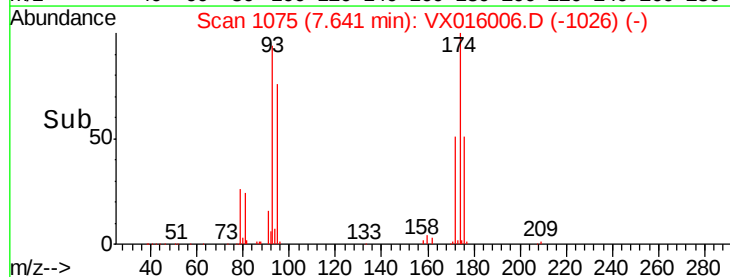
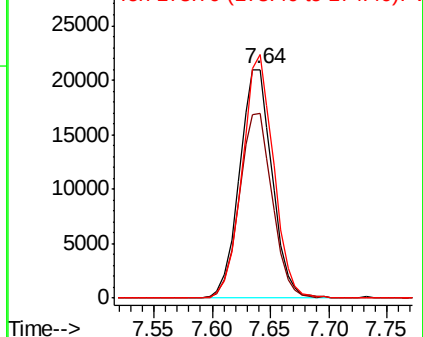
174 102.5 82.7 124.1

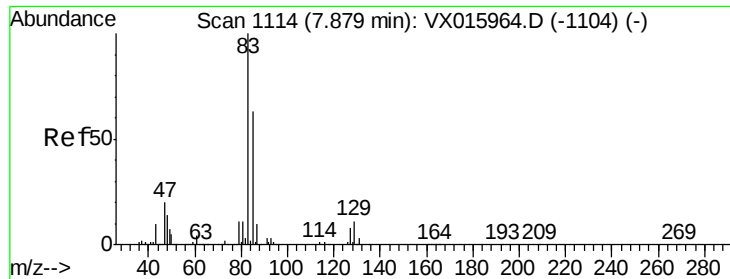


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.518 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

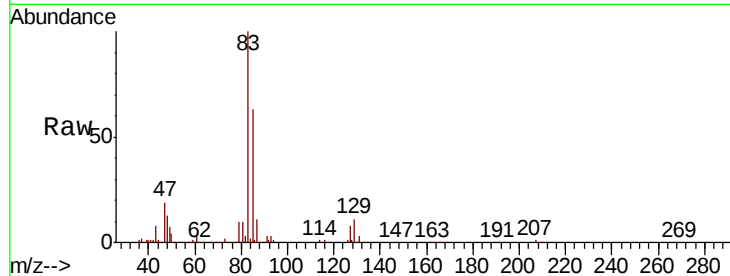
Tot Ion: 83 Resp: 84106

Ion Ratio Lower Upper

83 100

85 63.0 50.6 75.8

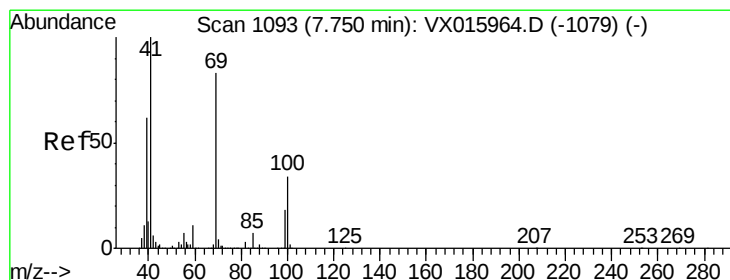
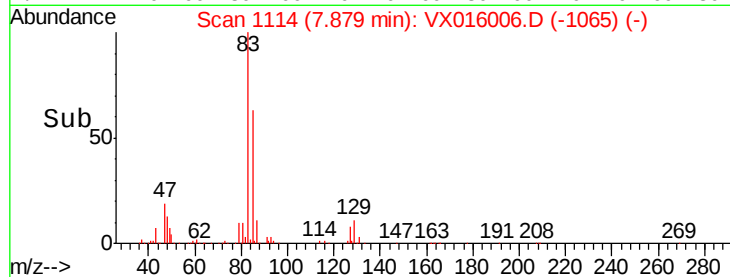
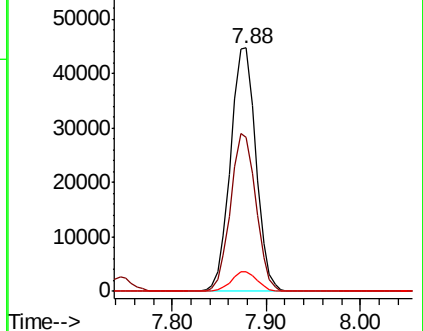
127 7.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.282 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

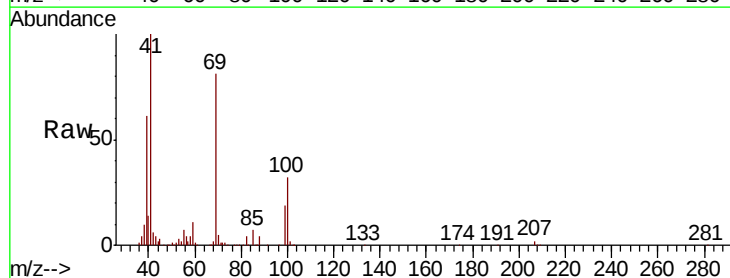
Tgt Ion: 41 Resp: 69912

Ion Ratio Lower Upper

41 100

69 82.3 66.0 99.0

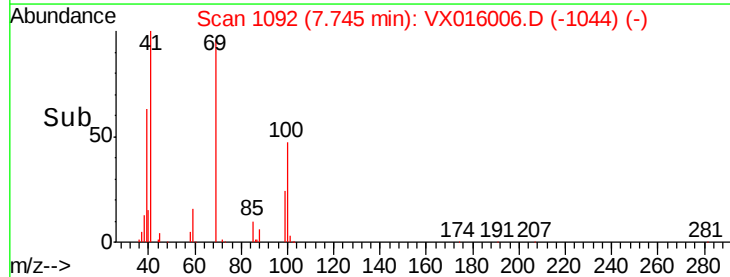
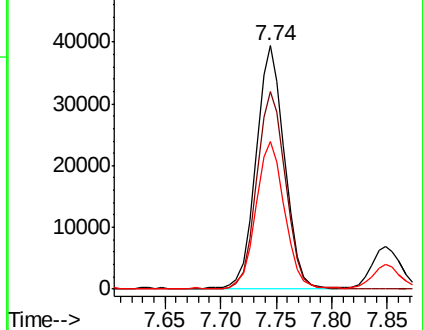
39 60.9 49.0 73.4

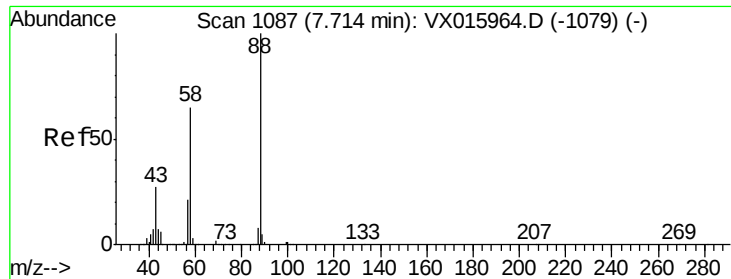


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

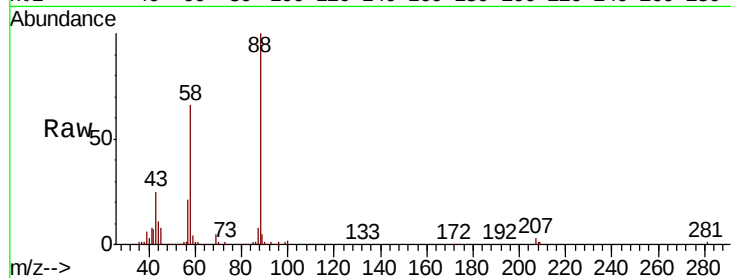




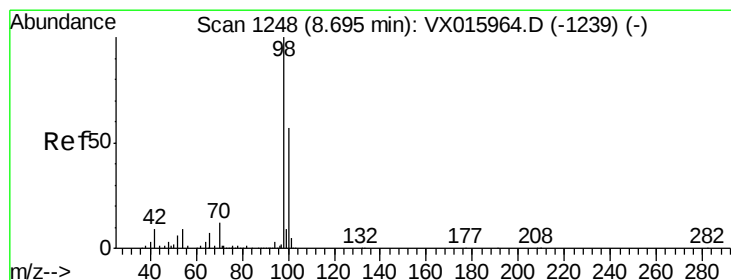
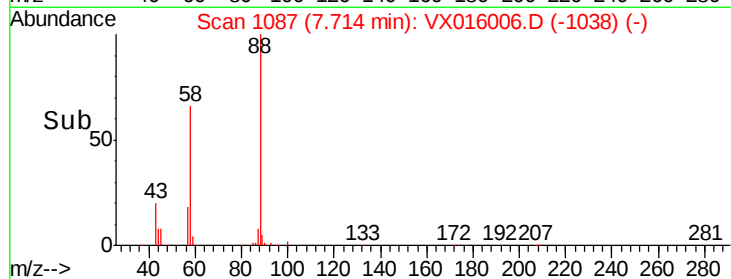
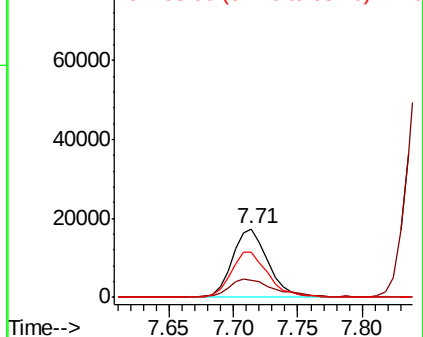
#49
1,4-Dioxane
Concen: 367.767 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion: 88 Resp: 33085
Ion Ratio Lower Upper
88 100
43 32.9 26.6 39.8
58 70.7 54.8 82.2

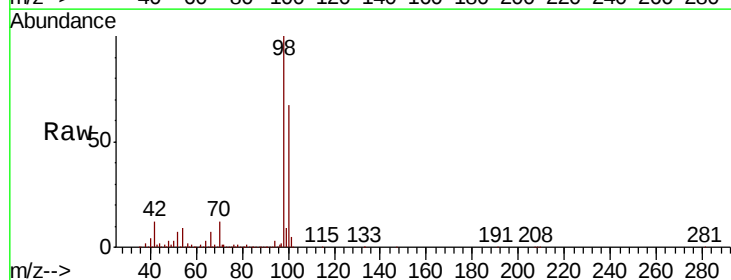


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

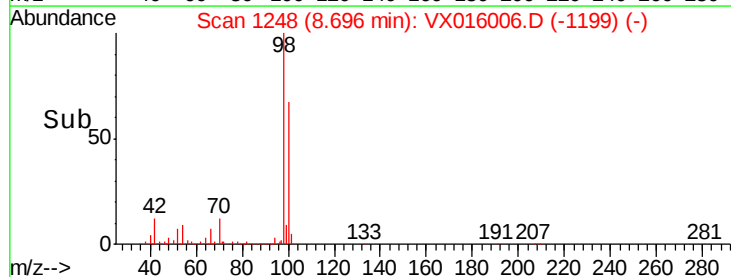
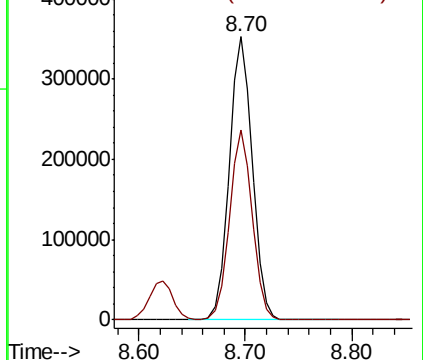


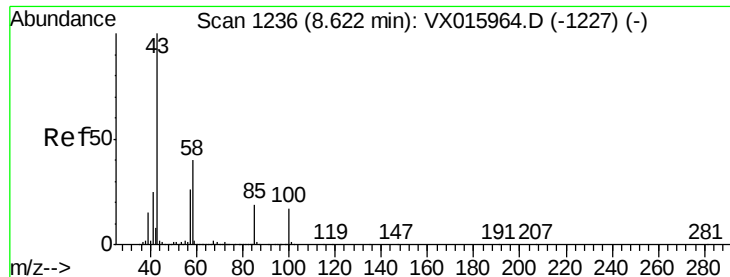
#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion: 98 Resp: 534606
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 93.427 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

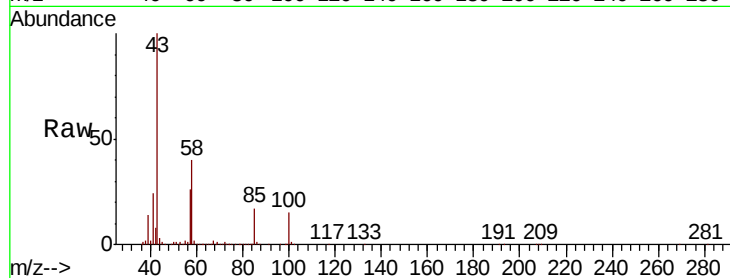
VX0501WBS01

Tot Ion: 43 Resp: 469374

Ion Ratio Lower Upper

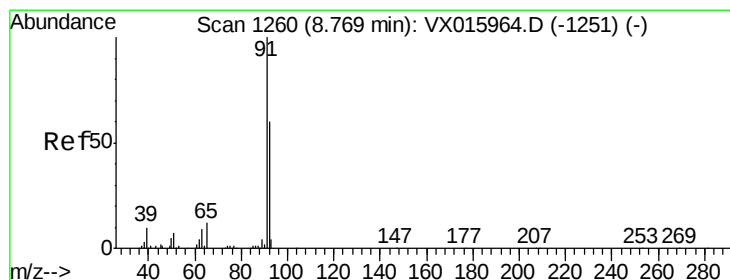
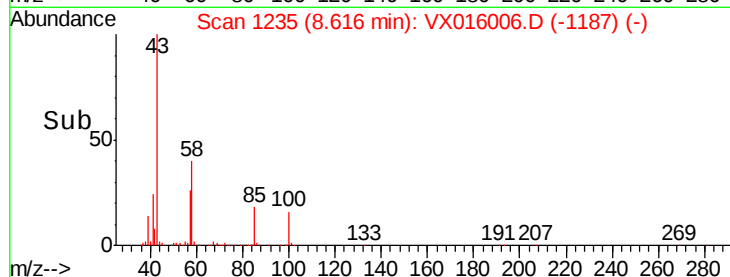
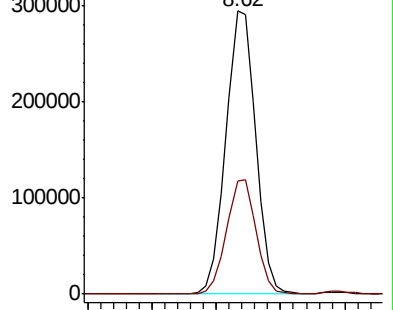
43 100

58 40.1 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.715 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016006.D

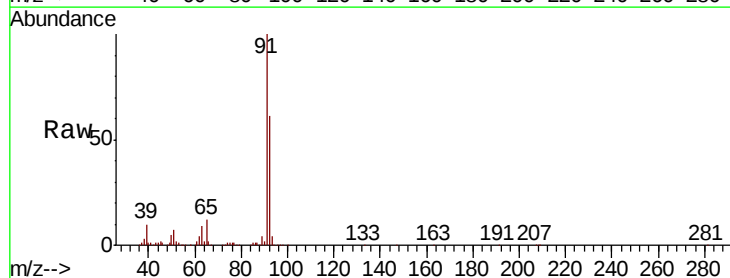
Acq: 01 May 2020 12:55

Tgt Ion: 92 Resp: 147855

Ion Ratio Lower Upper

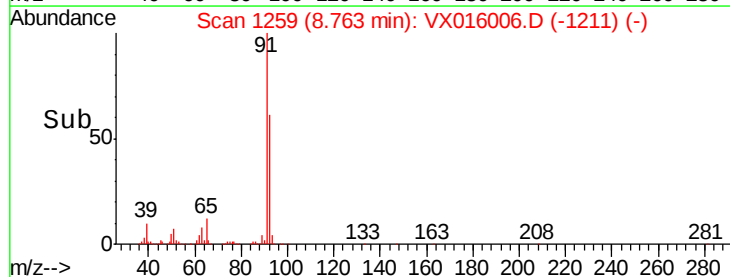
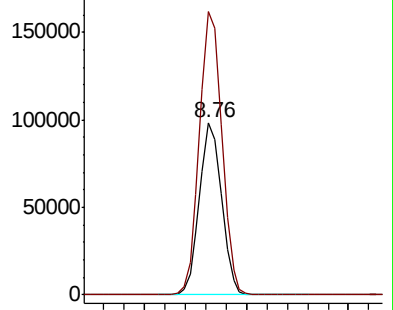
92 100

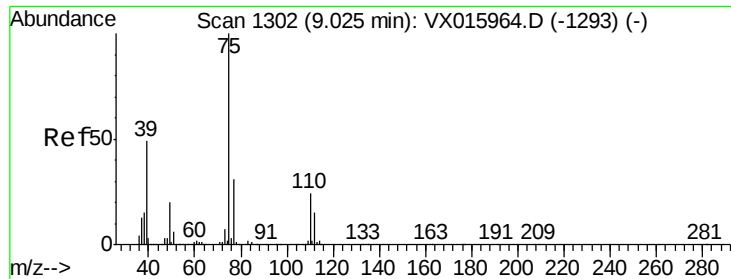
91 166.8 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.032 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

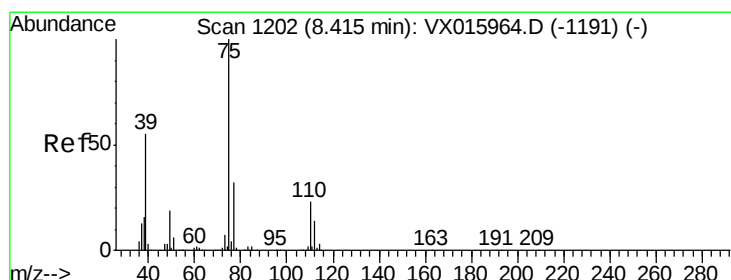
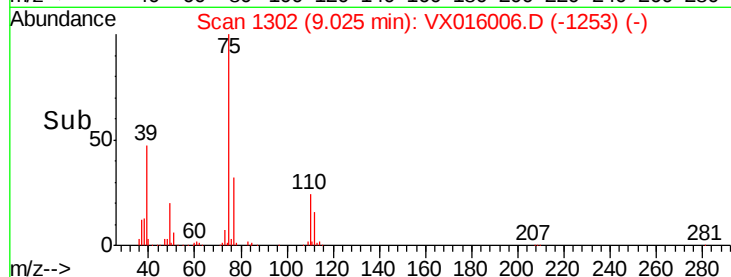
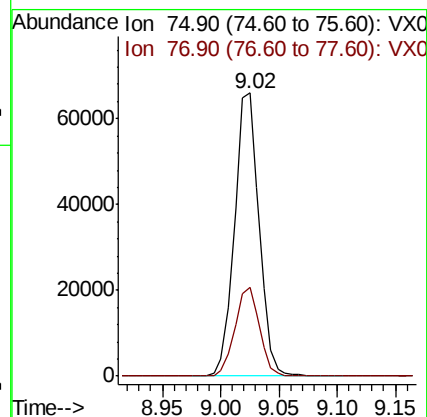
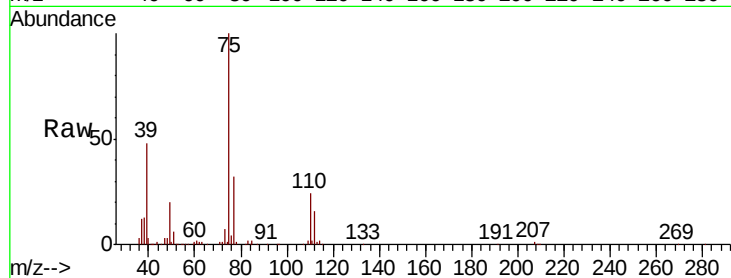
VX0501WBS01

Tot Ion: 75 Resp: 97175

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 17.911 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

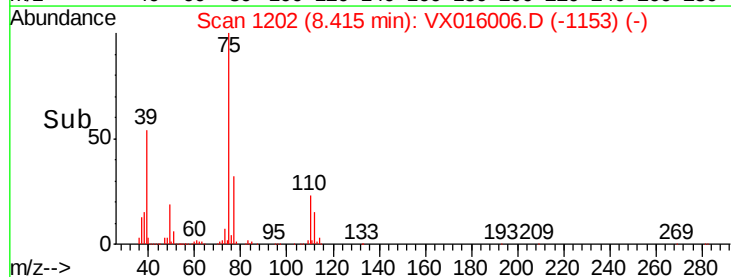
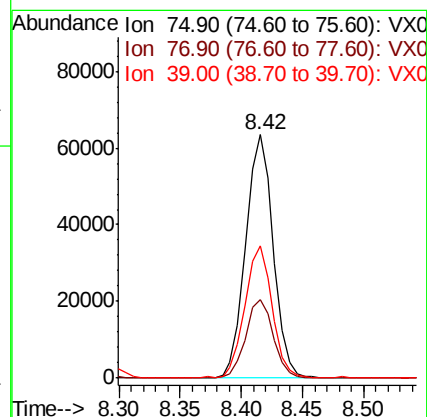
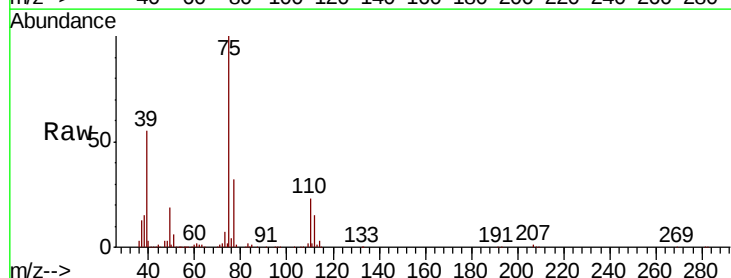
Tgt Ion: 75 Resp: 99275

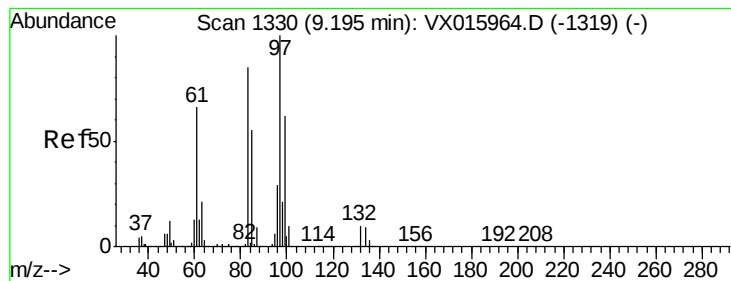
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 54.3 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 18.673 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 97 Resp: 58953

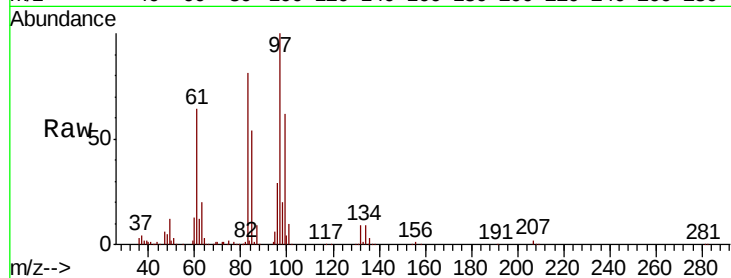
Ion Ratio Lower Upper

97 100

83 81.0 68.2 102.2

85 54.1 43.7 65.5

99 62.0 49.7 74.5

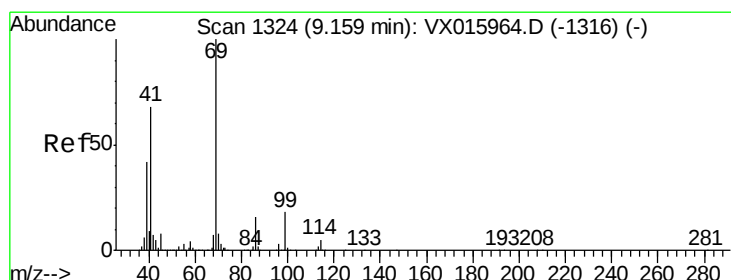
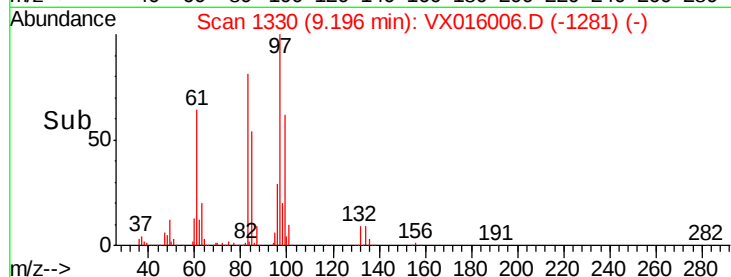
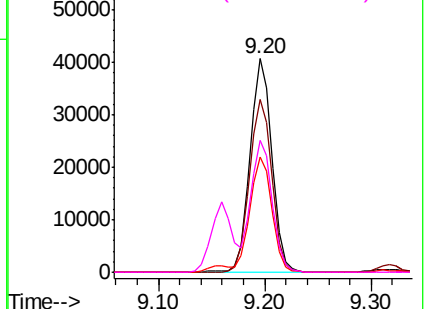


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.131 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

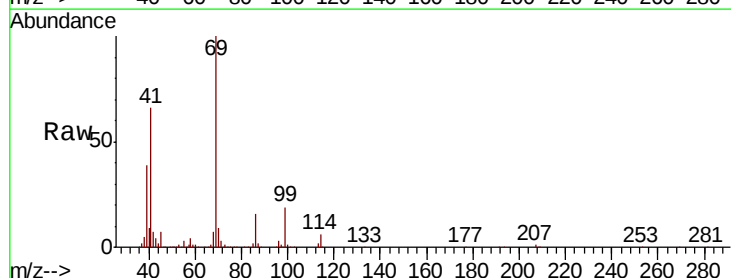
Tgt Ion: 69 Resp: 93076

Ion Ratio Lower Upper

69 100

41 67.0 53.5 80.3

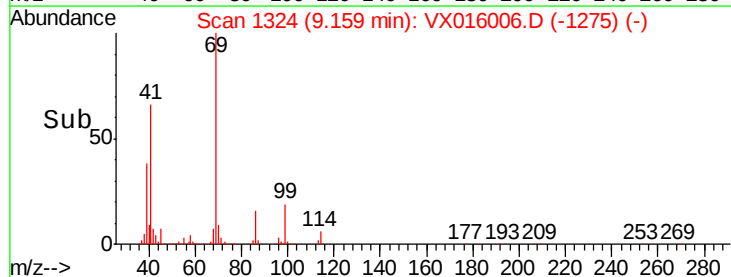
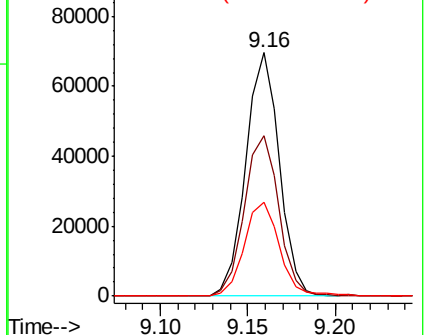
39 40.1 33.4 50.0

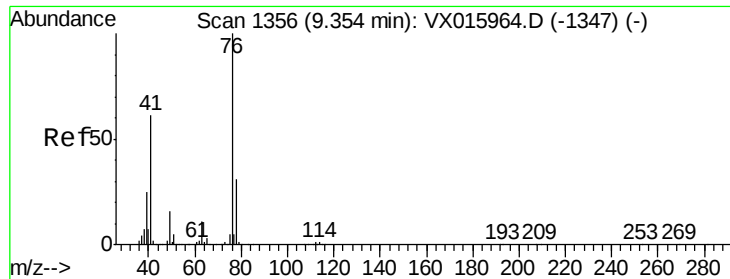


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

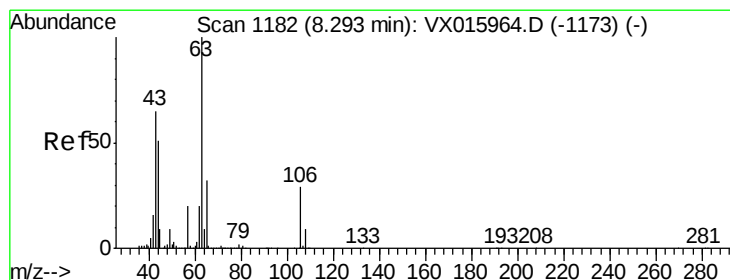
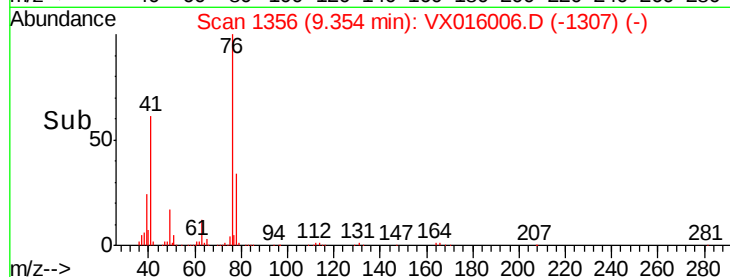
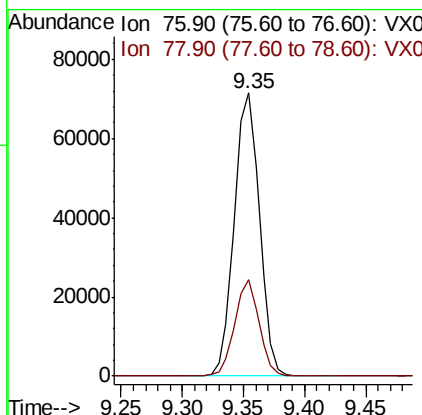
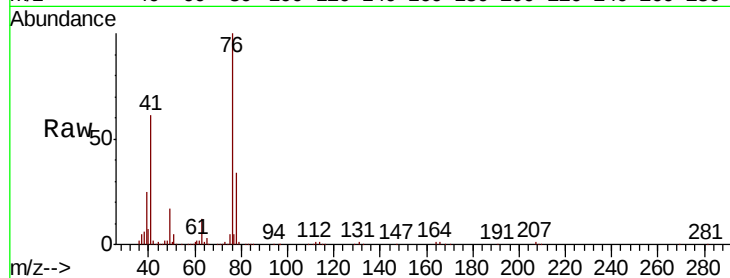




#57
 1,3-Dichloropropane
 Concen: 18.752 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

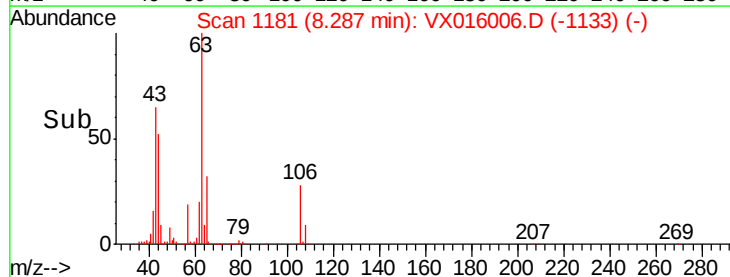
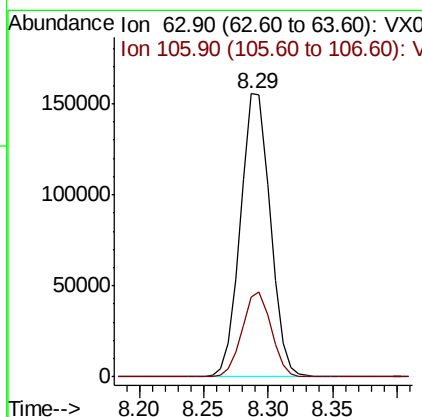
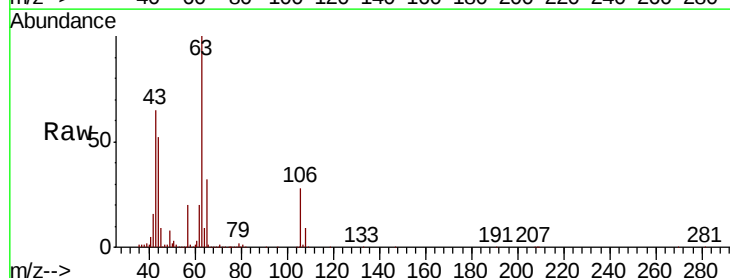
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

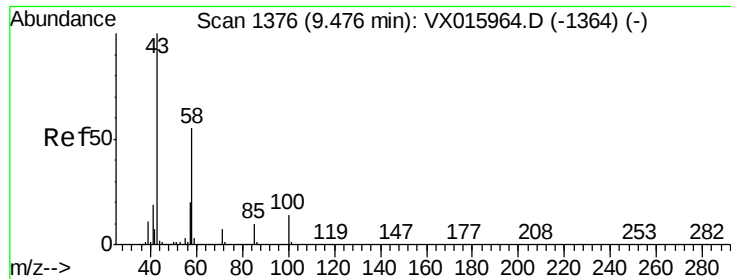
Tot Ion: 76 Resp: 101722
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.985 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion: 63 Resp: 249330
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.6 35.4

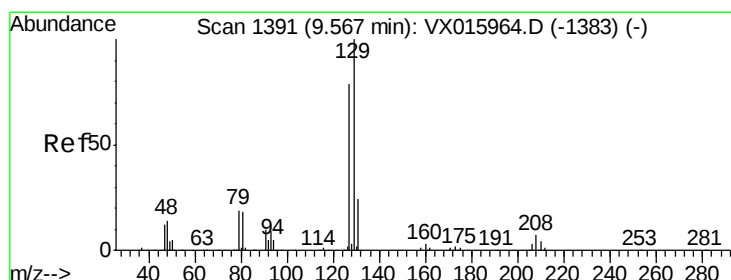
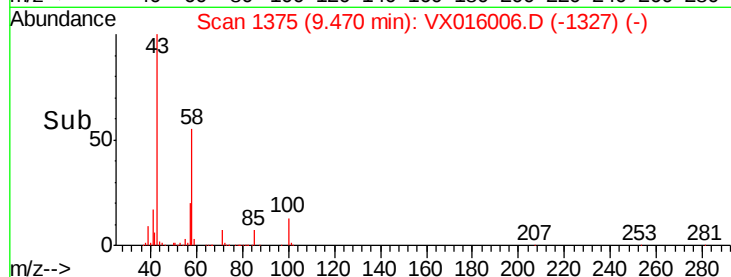
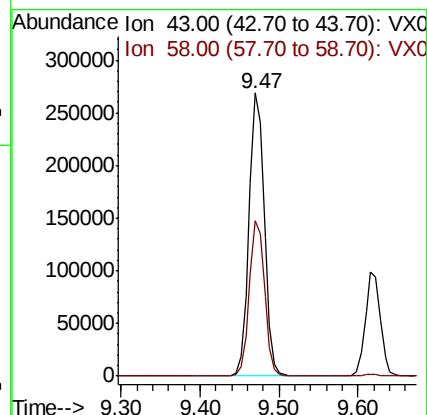
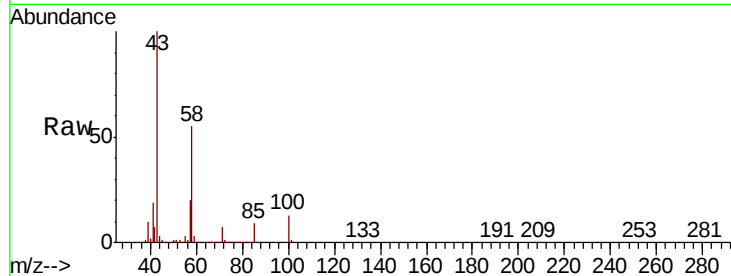




#59
2-Hexanone
Concen: 92.105 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

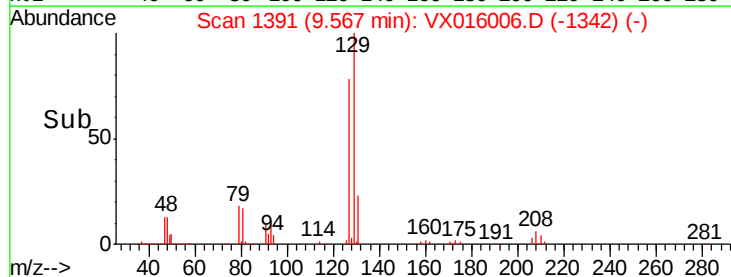
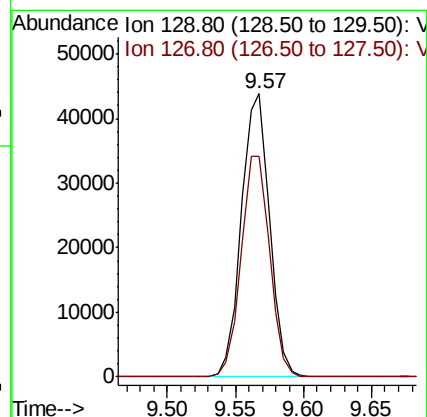
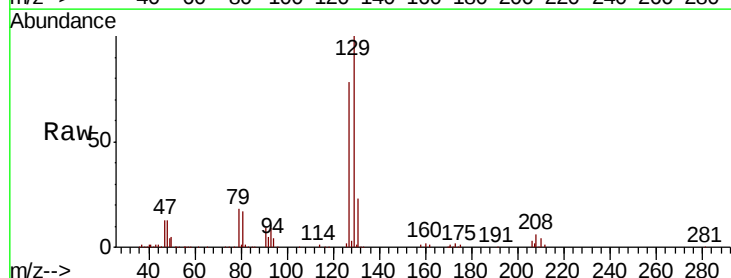
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

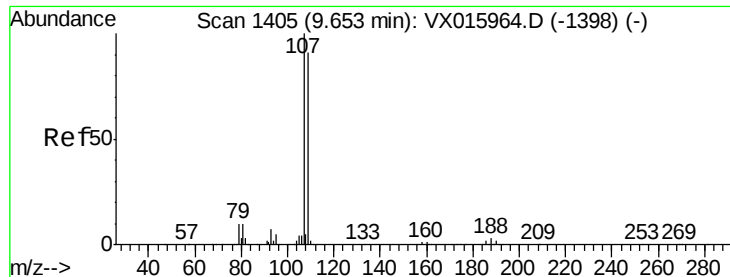
Tot Ion: 43 Resp: 361625
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1



#60
Dibromochloromethane
Concen: 17.910 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion: 129 Resp: 63289
Ion Ratio Lower Upper
129 100
127 79.2 39.4 118.1





#61

1,2-Dibromoethane

Concen: 18.480 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

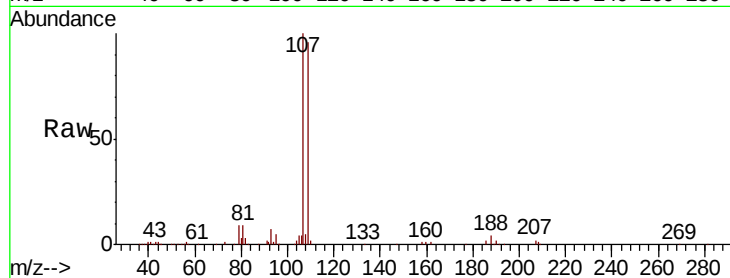
VX0501WBS01

Tot Ion: 107 Resp: 63267

Ion Ratio Lower Upper

107 100

109 92.6 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

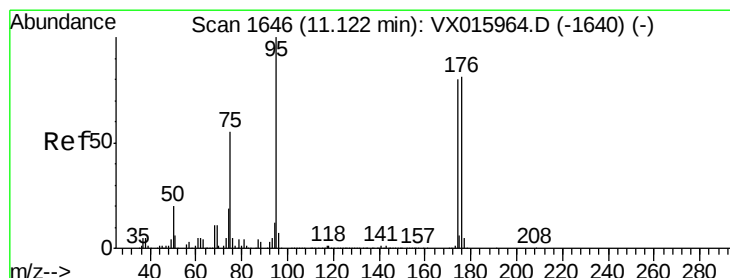
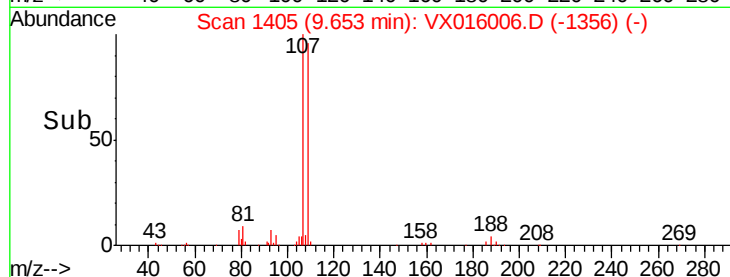
20000

10000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.489 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

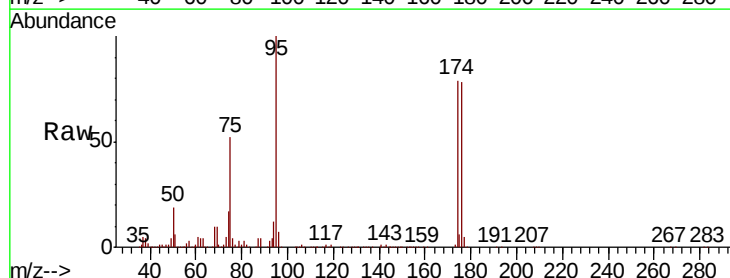
Tgt Ion: 95 Resp: 207332

Ion Ratio Lower Upper

95 100

174 79.2 0.0 165.0

176 77.6 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

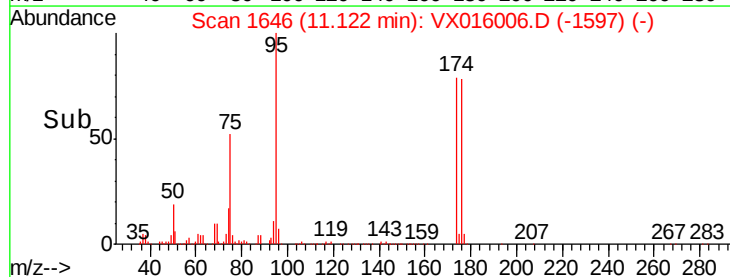
100000

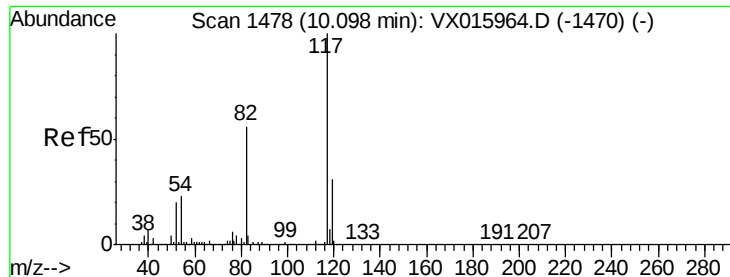
50000

0

11.05 11.10 11.15 11.20

Time-->

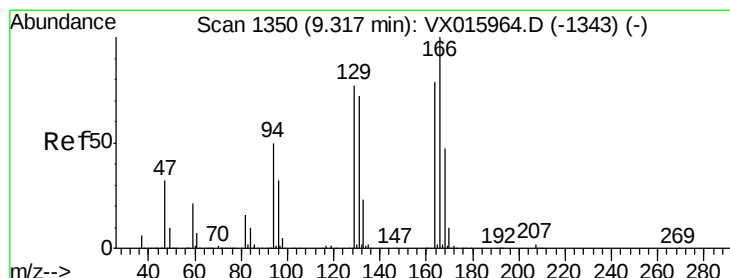
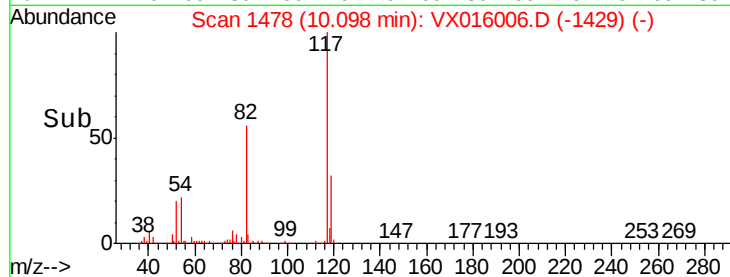
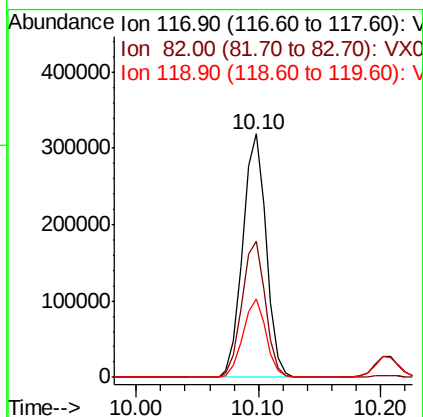
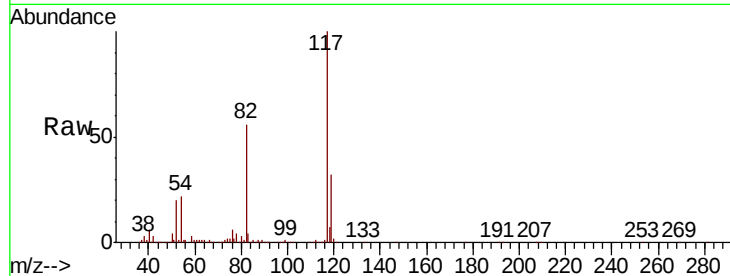




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

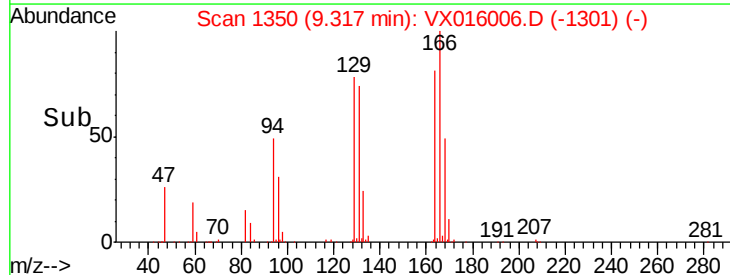
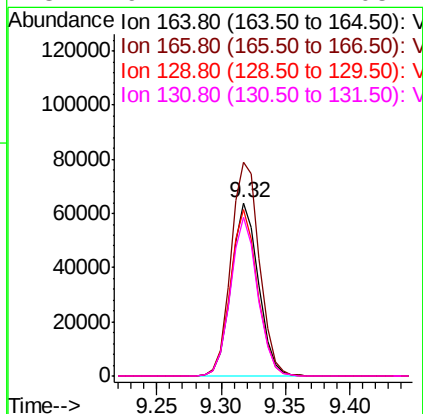
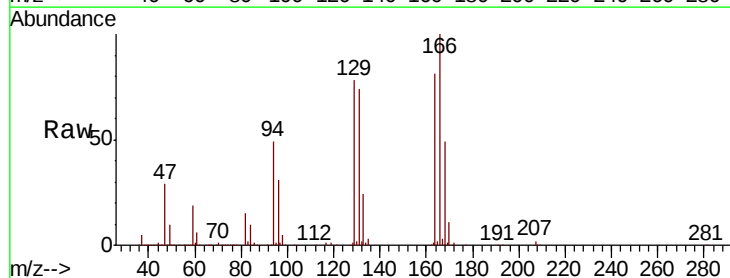
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

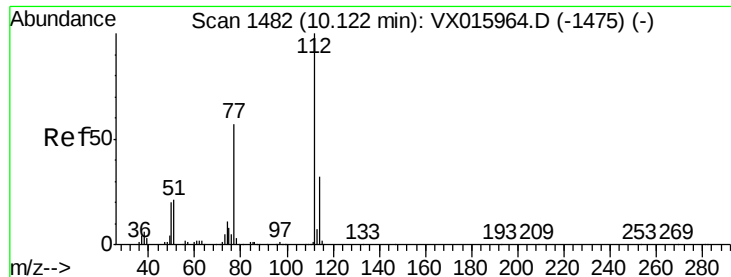
Tot Ion:117 Resp: 423375
Ion Ratio Lower Upper
117 100
82 56.0 44.5 66.7
119 32.3 25.0 37.6



#64
Tetrachloroethene
Concen: 18.712 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion:164 Resp: 93982
Ion Ratio Lower Upper
164 100
166 123.3 101.0 151.4
129 96.0 77.4 116.0
131 91.7 72.2 108.2

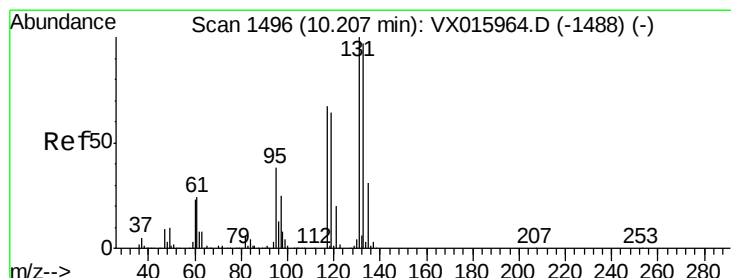
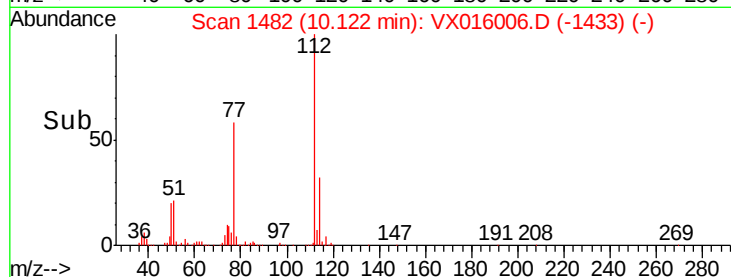
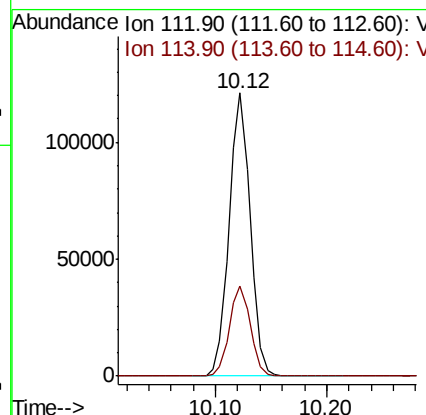
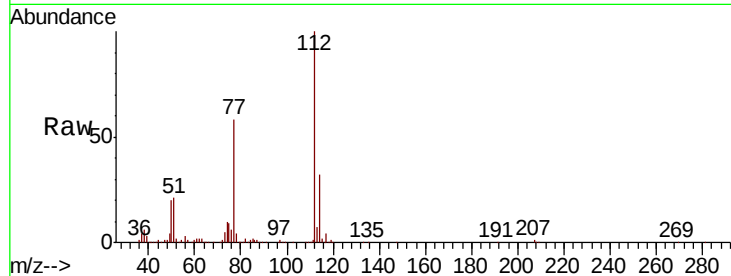




#65
Chlorobenzene
Concen: 18.347 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

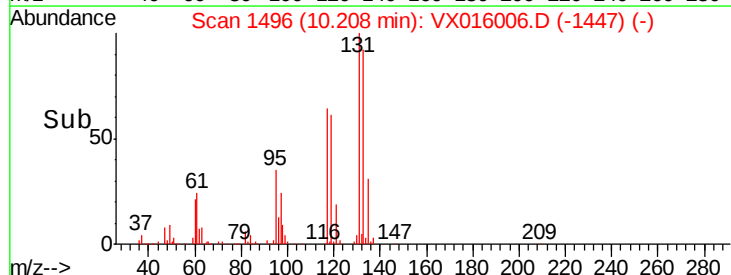
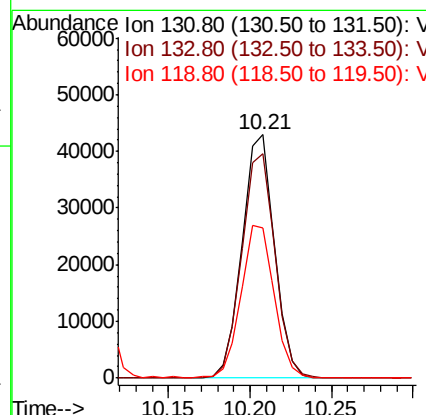
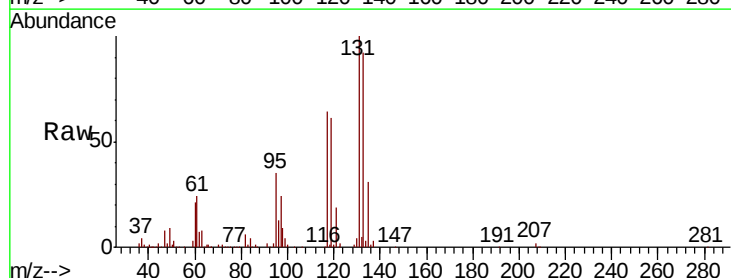
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

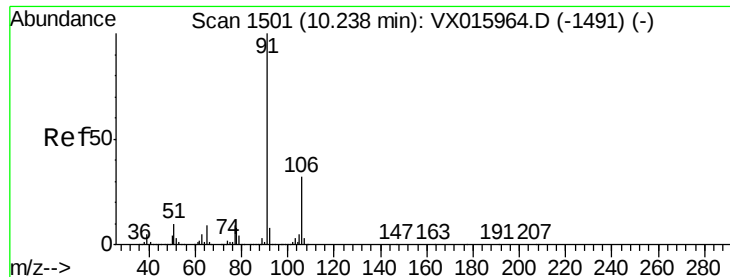
Tot Ion:112 Resp: 158206
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.196 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion:131 Resp: 59304
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.8
119 64.0 31.6 94.8

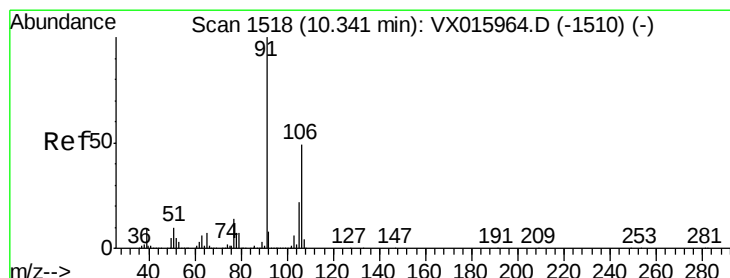
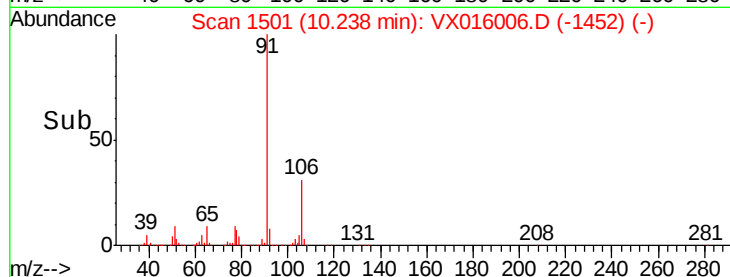
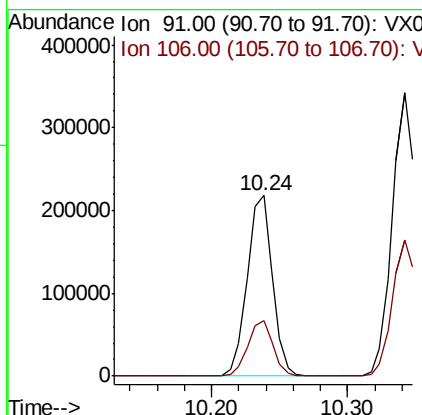
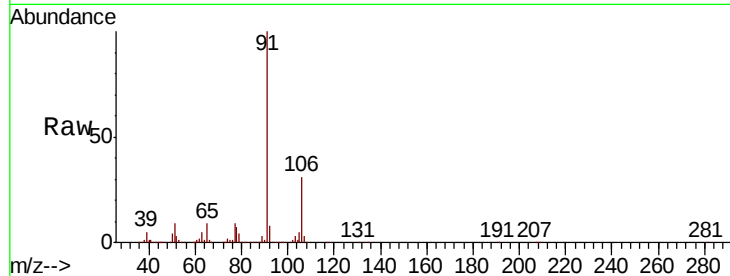




#67
Ethyl Benzene
Concen: 18.447 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

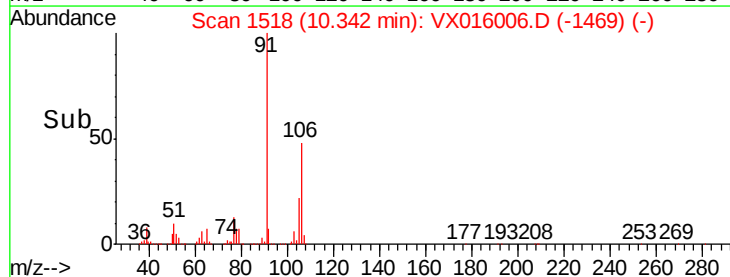
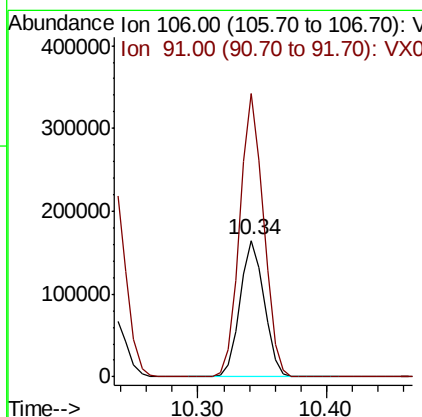
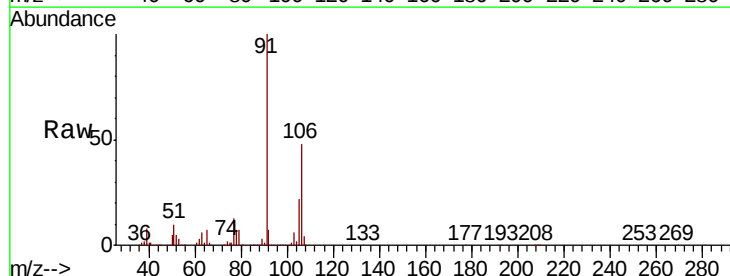
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

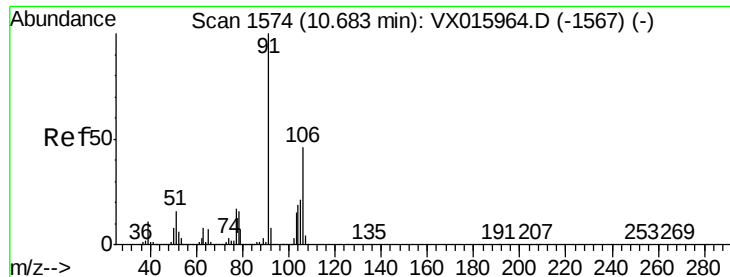
Tot Ion: 91 Resp: 283276
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 36.634 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion: 106 Resp: 213466
Ion Ratio Lower Upper
106 100
91 205.4 161.6 242.4

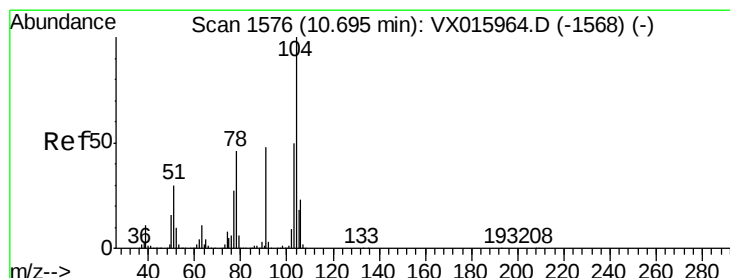
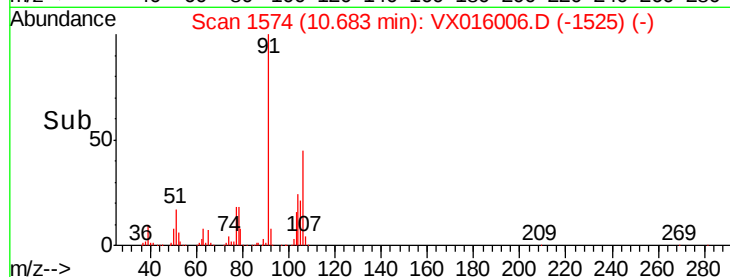
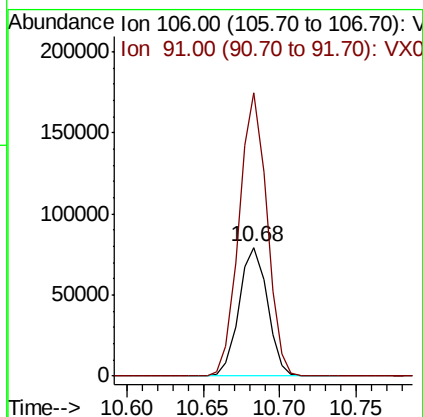
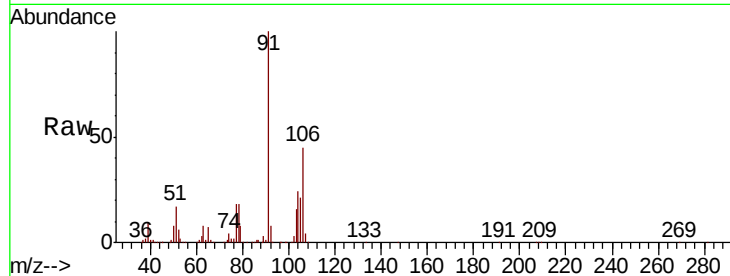




#69
o-Xylene
Concen: 18.521 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

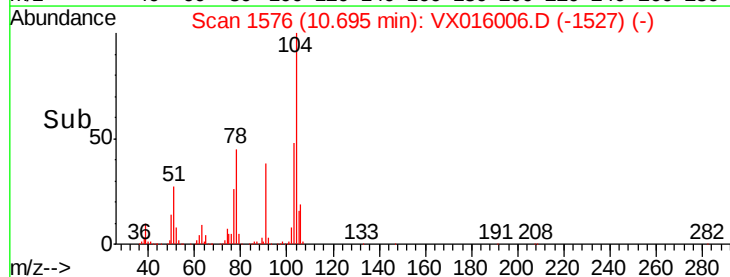
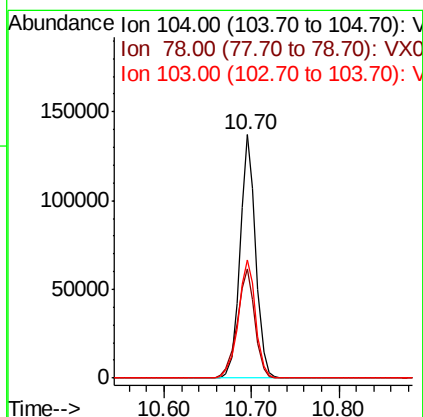
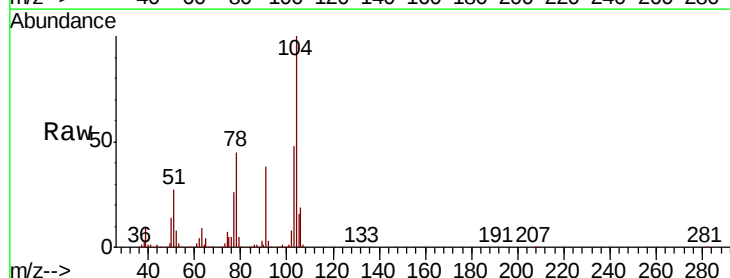
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

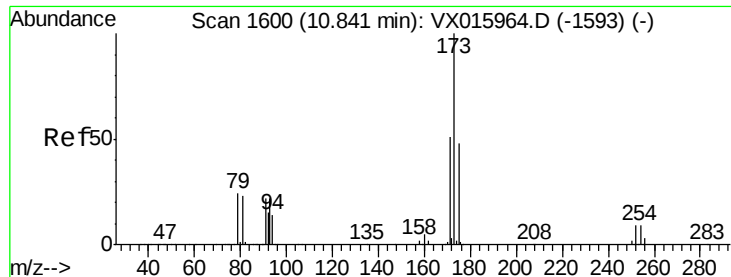
Tot Ion:106 Resp: 102468
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.3



#70
Styrene
Concen: 18.020 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion:104 Resp: 171061
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.4
103 53.7 43.4 65.2





#71

Bromoform

Concen: 17.652 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

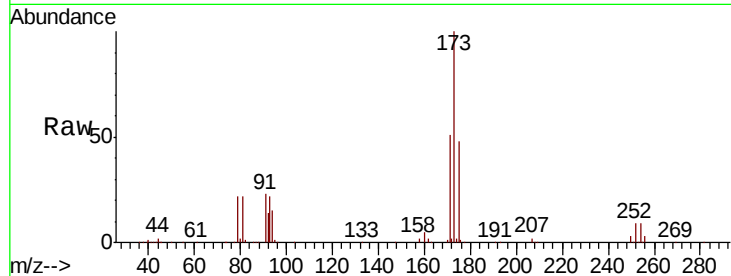
Tot Ion:173 Resp: 46978

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

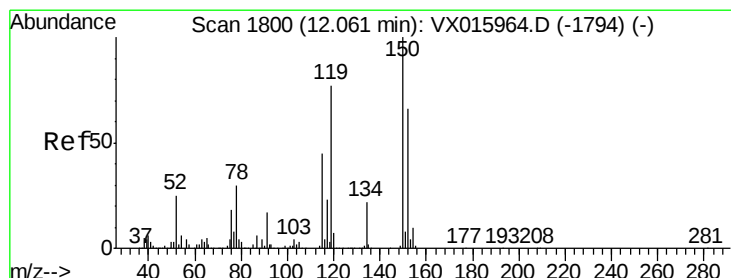
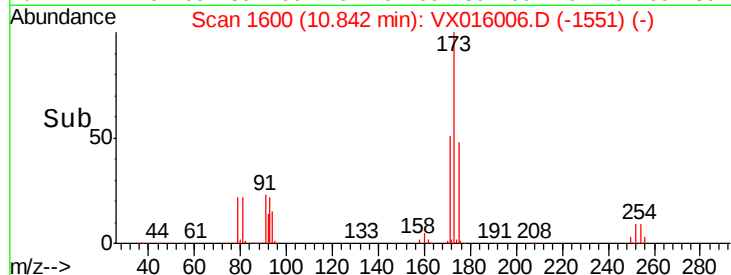
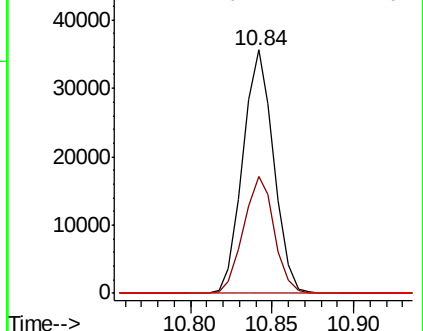
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

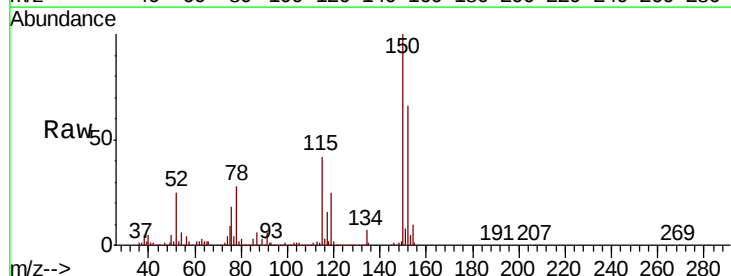
Tgt Ion:152 Resp: 211023

Ion Ratio Lower Upper

152 100

115 68.0 40.9 122.7

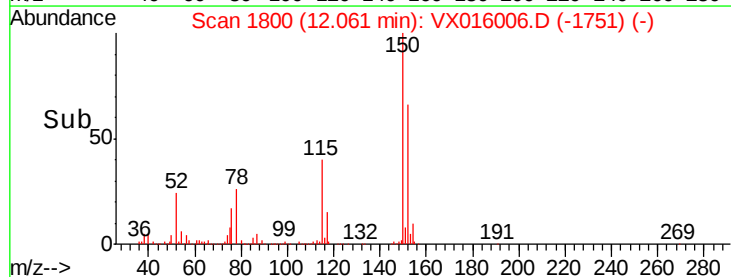
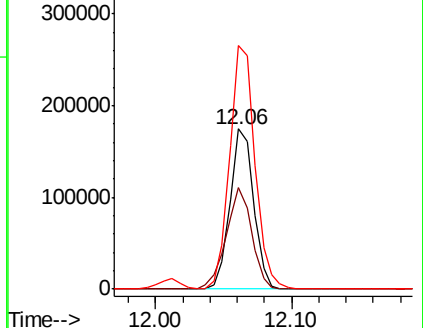
150 162.5 0.0 342.4

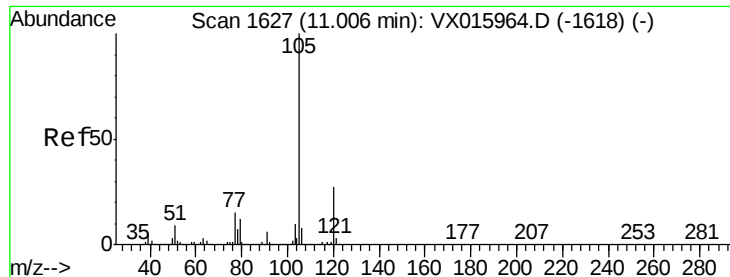


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.234 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

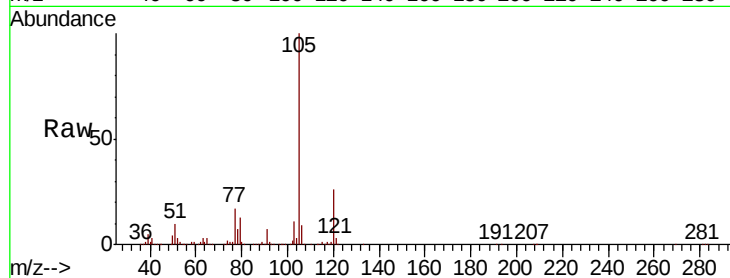
VX0501WBS01

Tot Ion:105 Resp: 276106

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

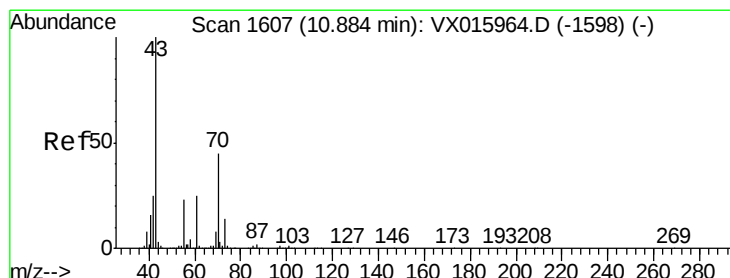
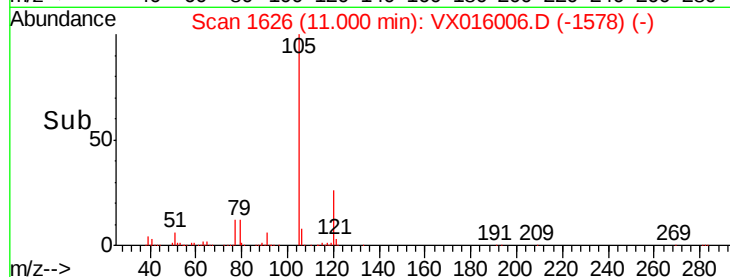
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.512 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion: 43 Resp: 128165

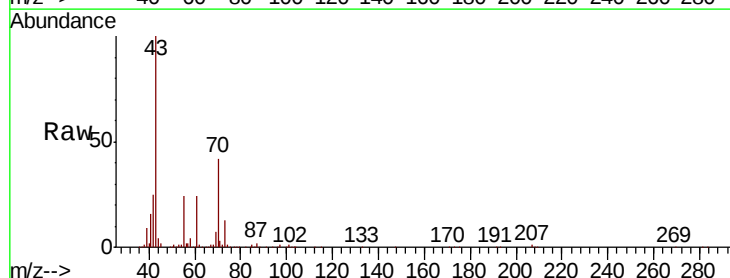
Ion Ratio Lower Upper

43 100

70 43.4 34.5 51.7

55 24.7 18.6 28.0

61 24.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

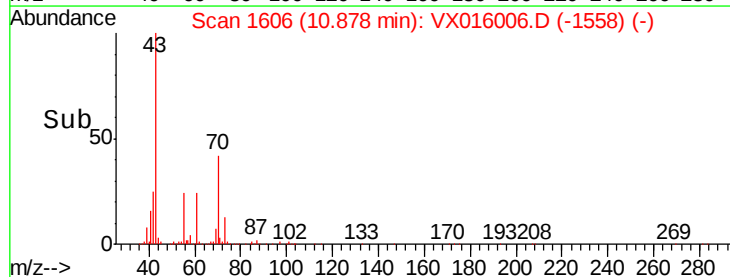
0

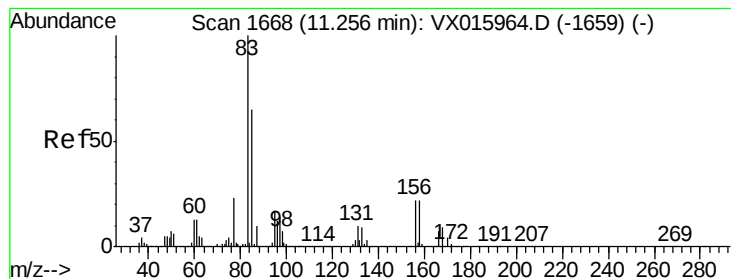
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 15.452 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

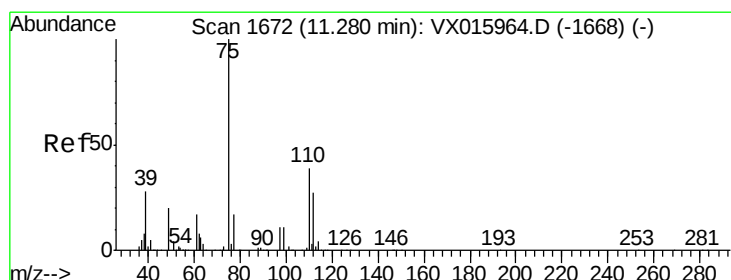
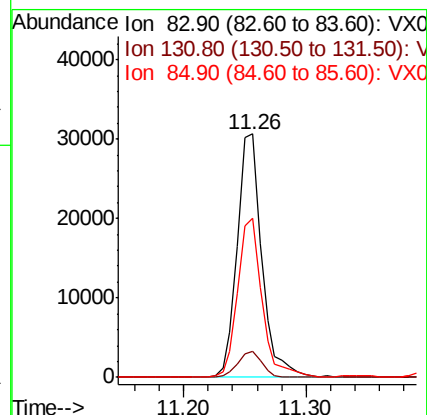
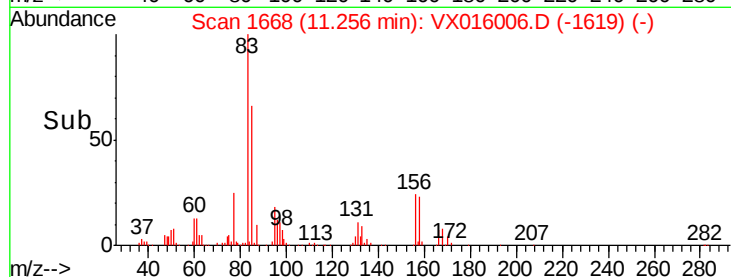
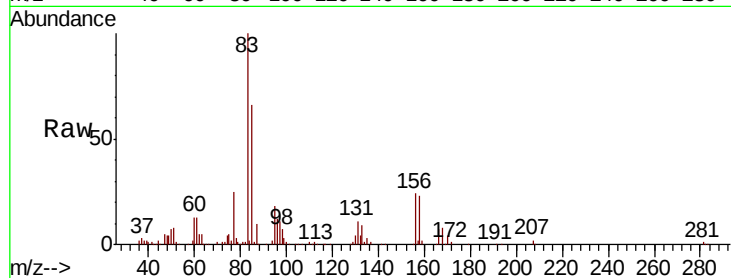
Tot Ion: 83 Resp: 42289

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

85 64.9 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 25.487 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016006.D

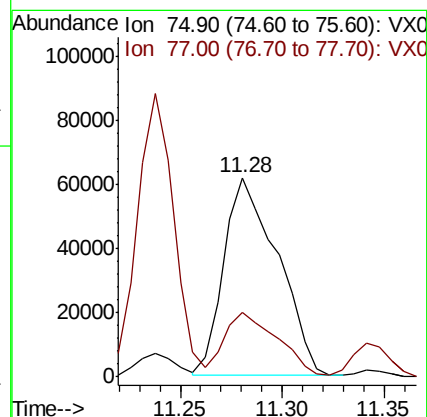
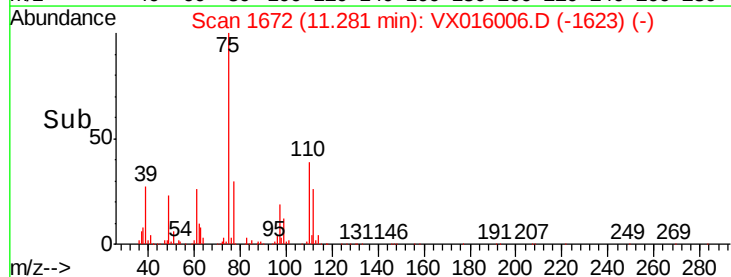
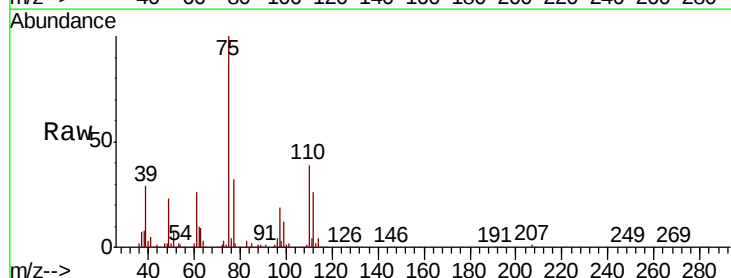
Acq: 01 May 2020 12:55

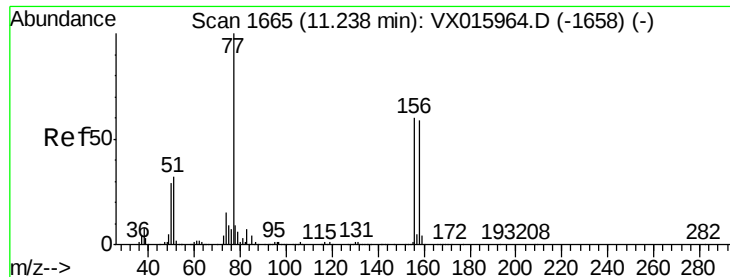
Tgt Ion: 75 Resp: 112858

Ion Ratio Lower Upper

75 100

77 32.1 21.6 65.0





#77

Bromobenzene

Concen: 18.880 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

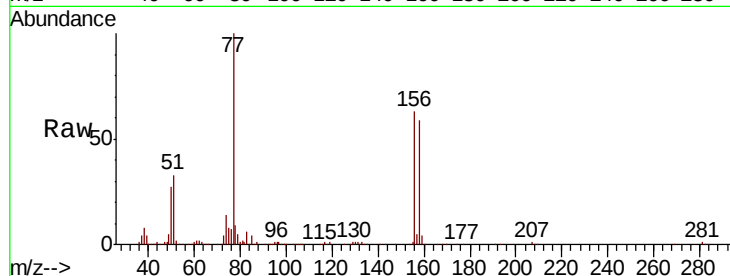
Tot Ion:156 Resp: 69764

Ion Ratio Lower Upper

156 100

77 157.3 78.3 234.8

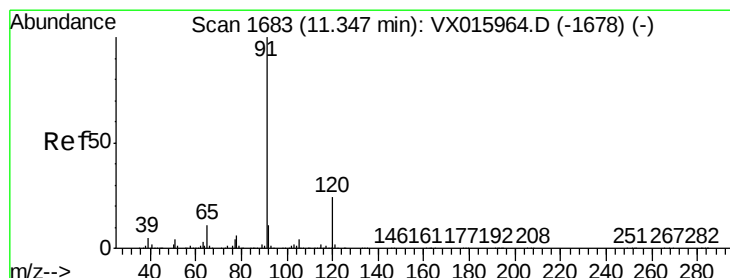
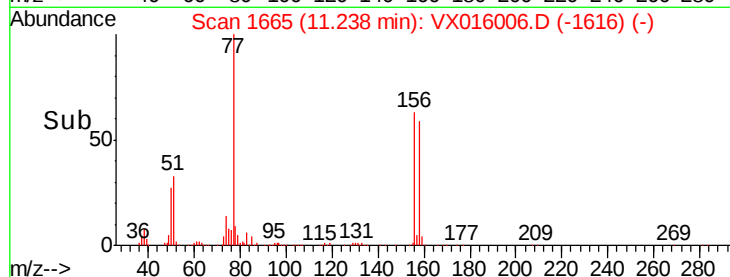
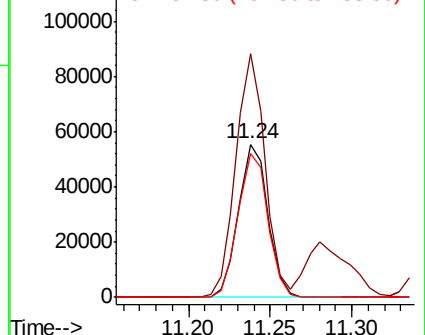
158 95.4 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.320 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016006.D

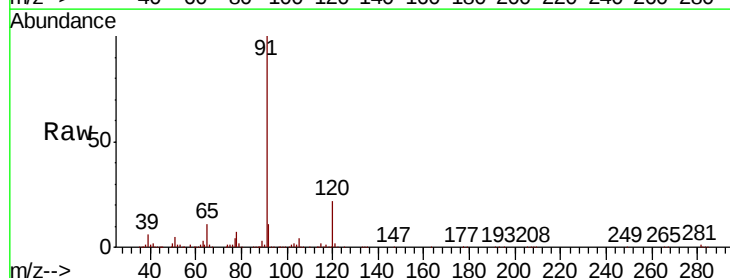
Acq: 01 May 2020 12:55

Tgt Ion: 91 Resp: 319046

Ion Ratio Lower Upper

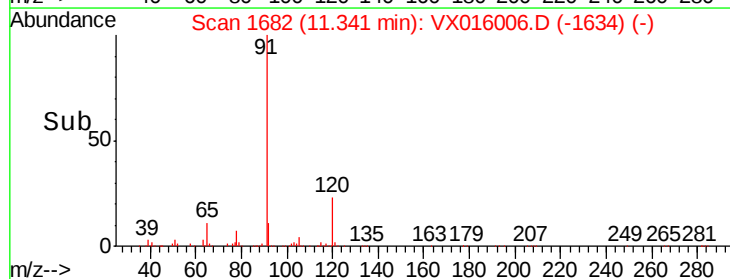
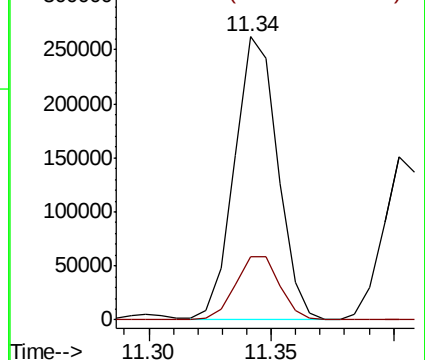
91 100

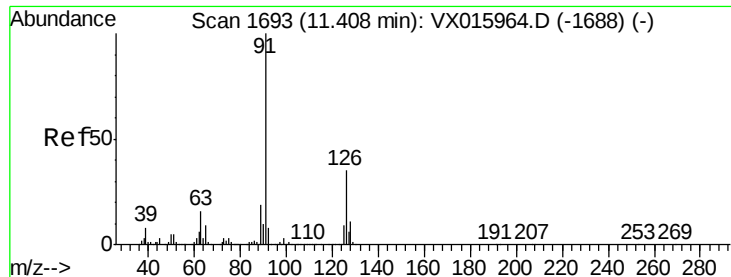
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.979 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

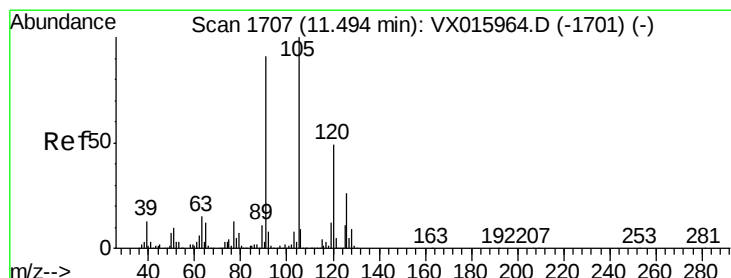
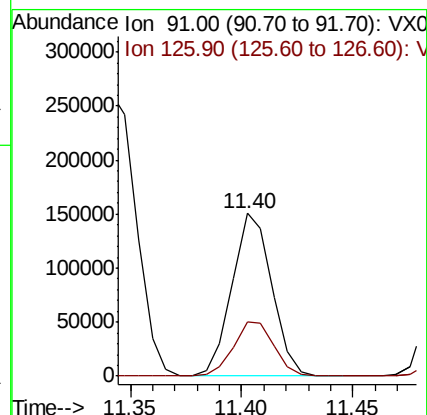
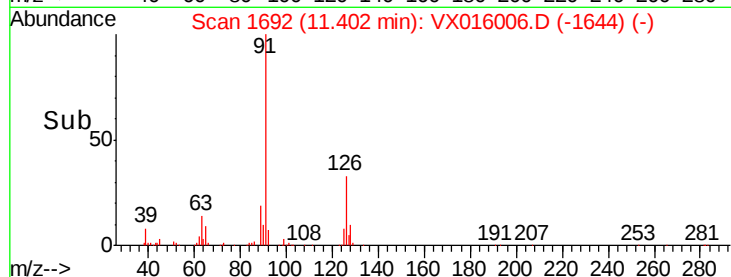
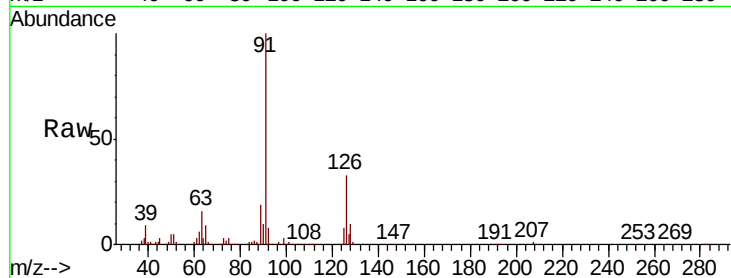
VX0501WBS01

Tot Ion: 91 Resp: 186741

Ion Ratio Lower Upper

91 100

126 34.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 19.409 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016006.D

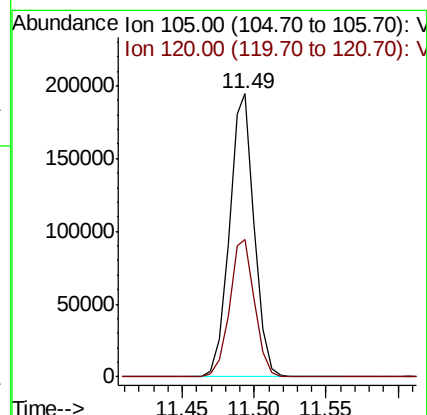
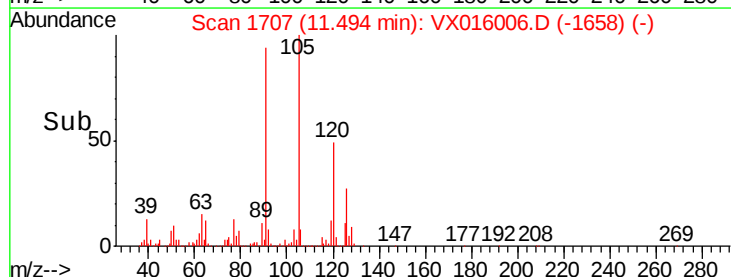
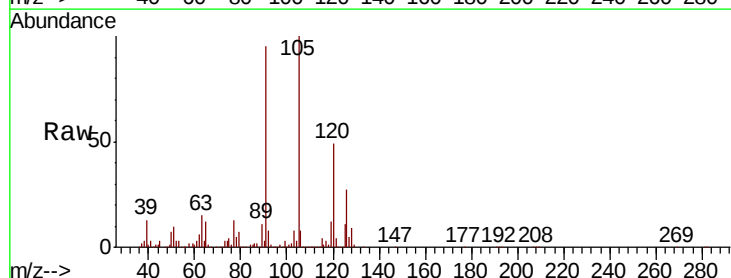
Acq: 01 May 2020 12:55

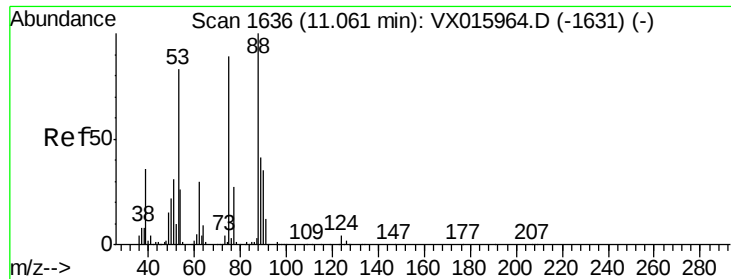
Tgt Ion: 105 Resp: 234712

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.365 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

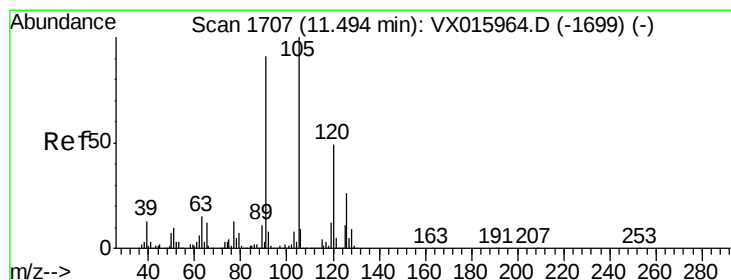
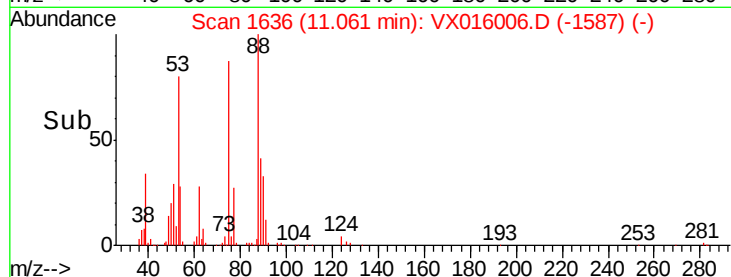
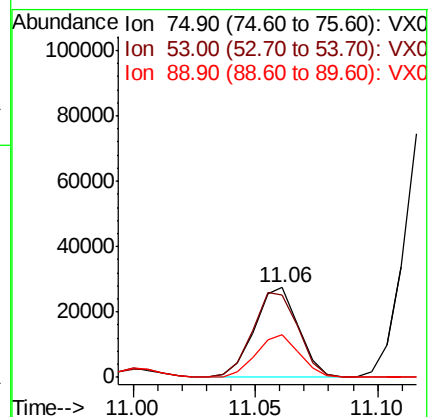
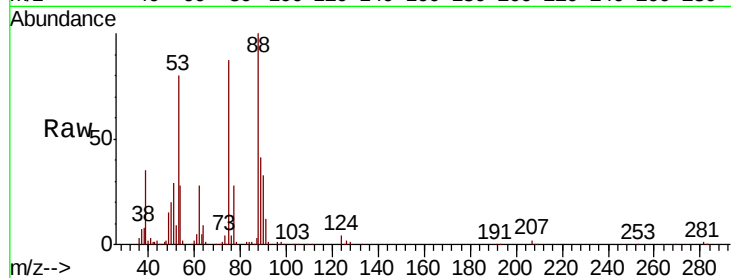
Tot Ion: 75 Resp: 34412

Ion Ratio Lower Upper

75 100

53 97.6 78.3 117.5

89 47.3 37.2 55.8



#82

4-Chlorotoluene

Concen: 19.017 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016006.D

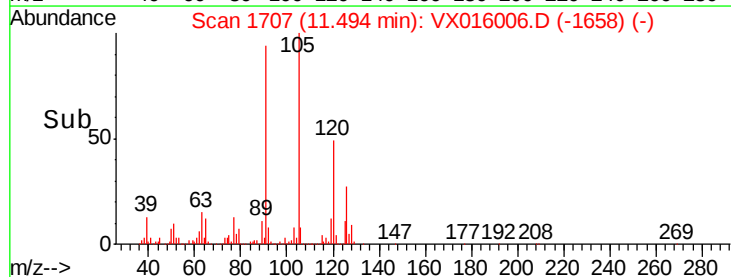
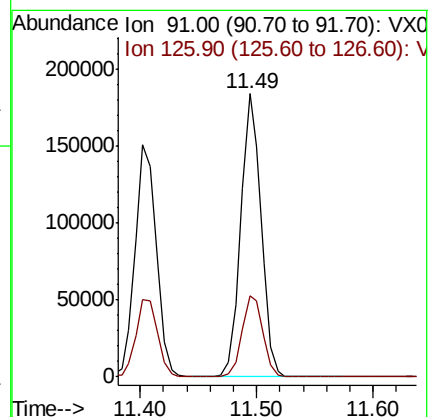
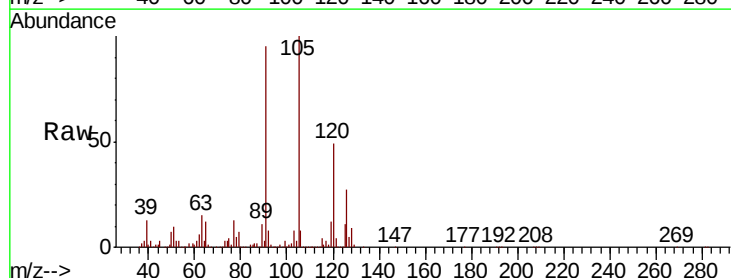
Acq: 01 May 2020 12:55

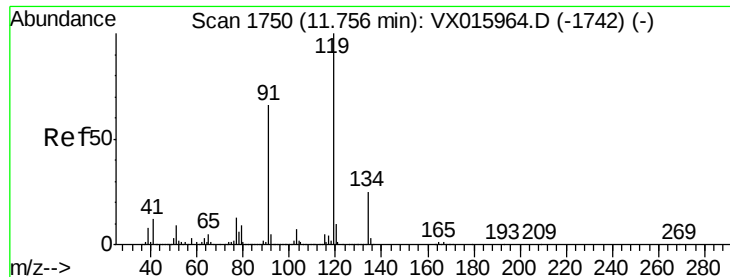
Tgt Ion: 91 Resp: 223789

Ion Ratio Lower Upper

91 100

126 29.3 14.8 44.3

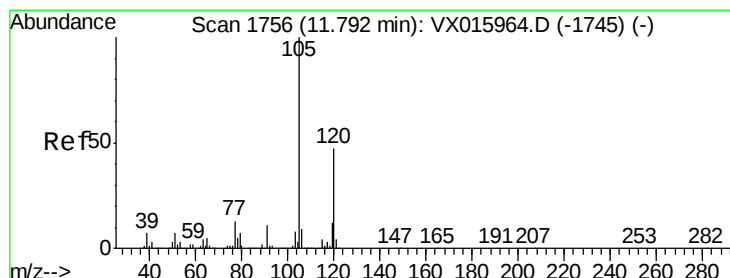
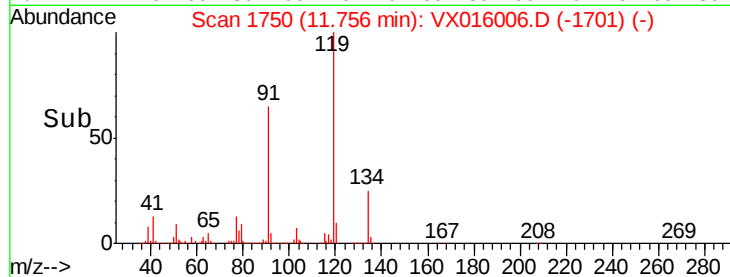
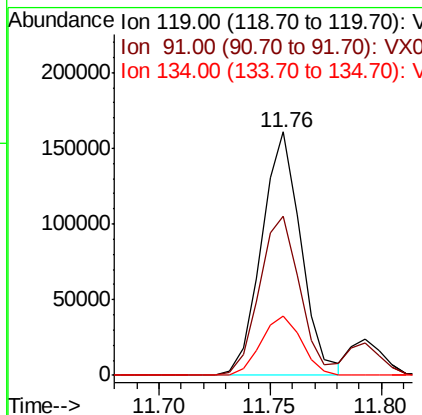
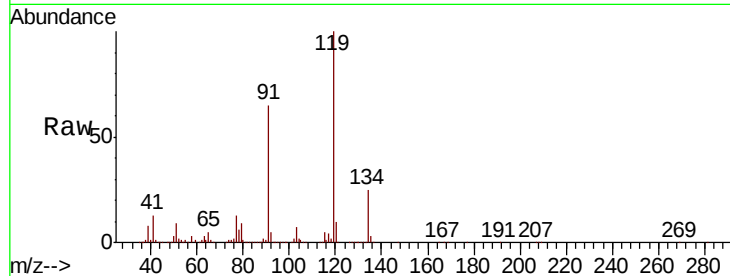




#83
 tert-Butylbenzene
 Concen: 18.966 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

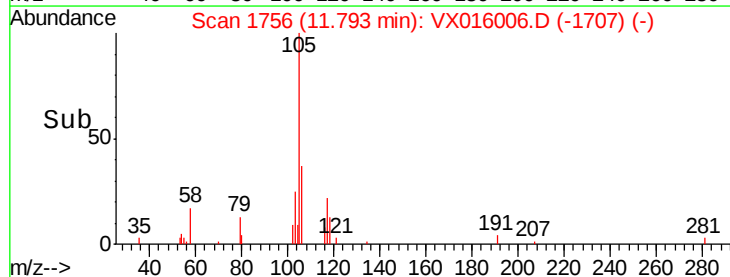
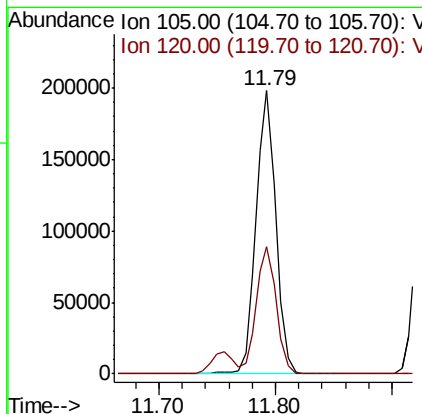
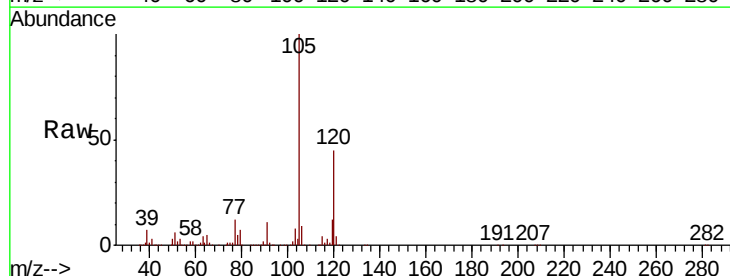
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

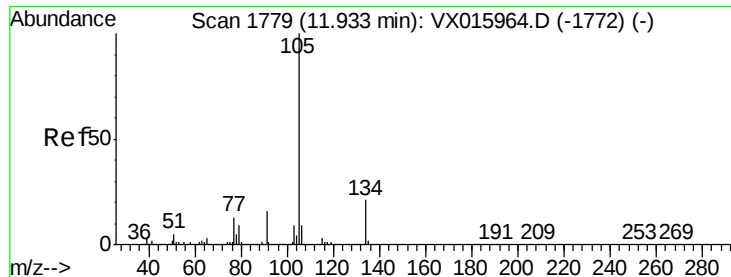
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	33.5	100.4
134	24.9	12.4	37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 19.306 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.8





#85

sec-Butylbenzene

Concen: 19.136 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

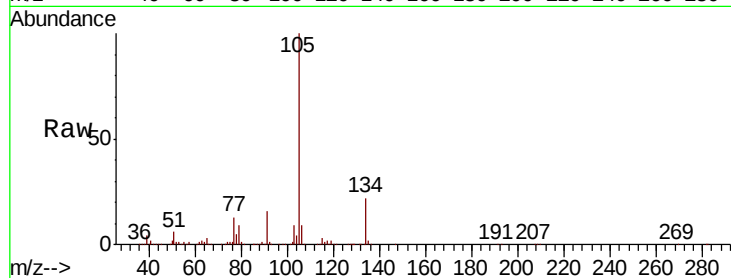
VX0501WBS01

Tot Ion:105 Resp: 268827

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

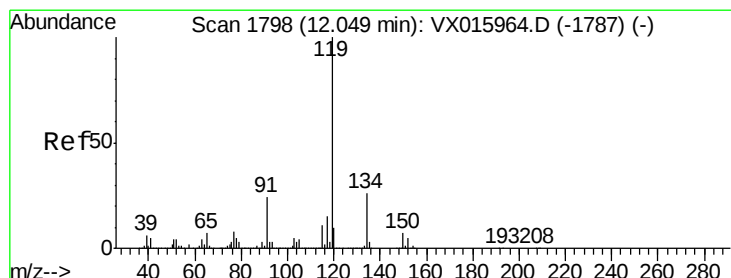
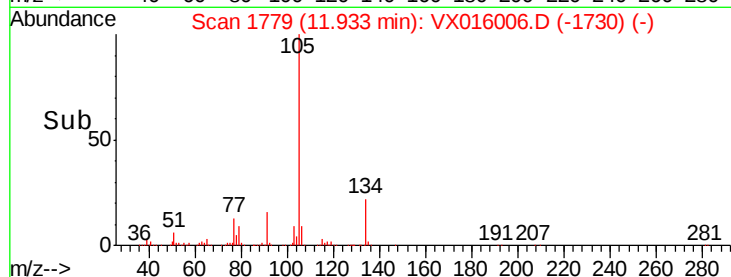
0

11.90

11.93

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.218 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

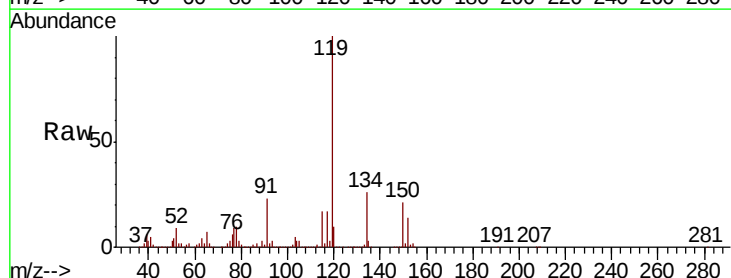
Tgt Ion:119 Resp: 252870

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.0 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

50000

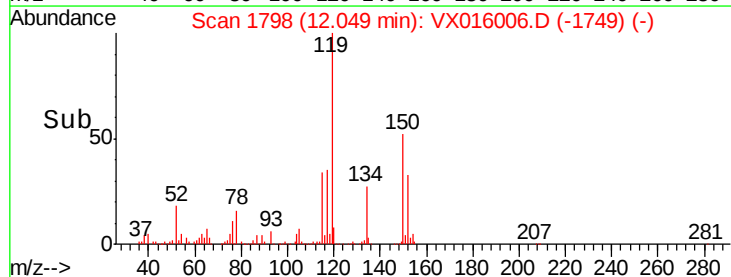
0

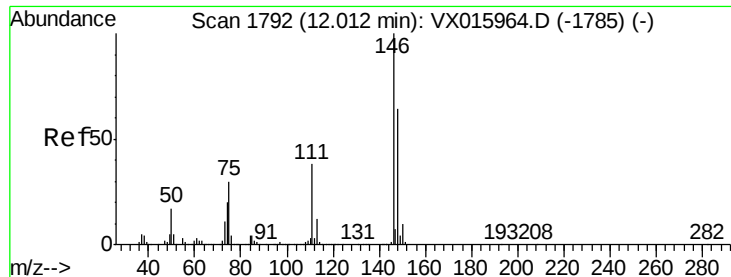
12.00

12.05

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.666 ug/l

RT: 12.01 min Scan# 1792

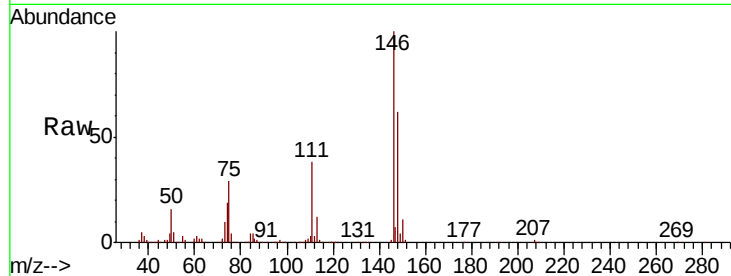
Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampled :
VX0501WBS01

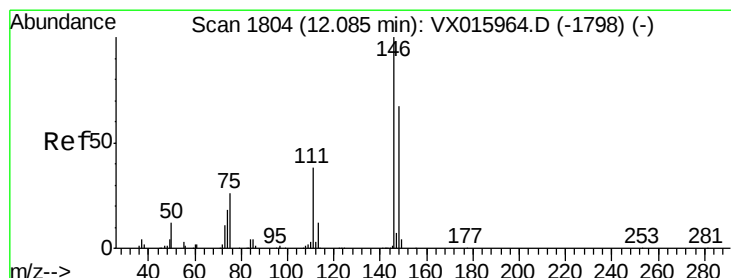
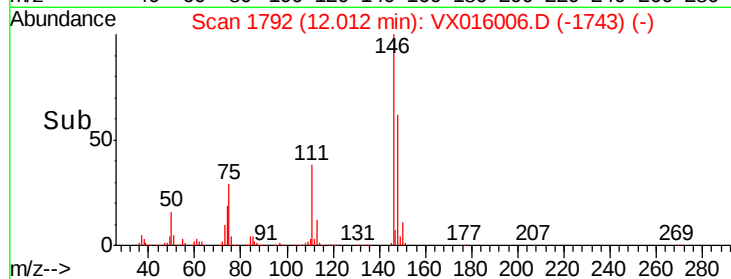
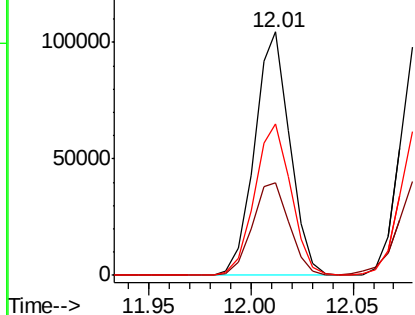
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.0	32.0	96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.518 ug/l

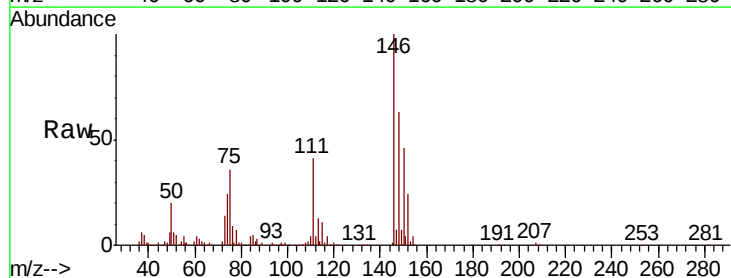
RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

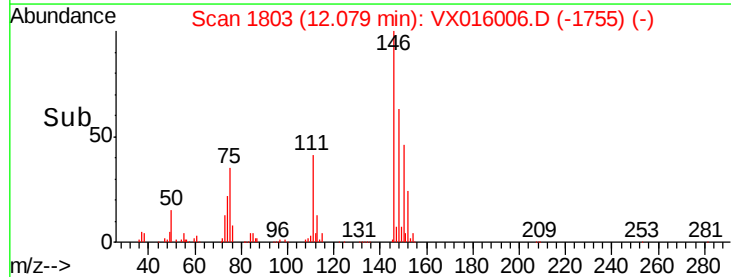
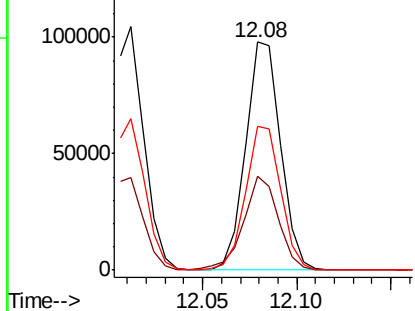
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.7	59.0
148	63.3	32.8	98.4

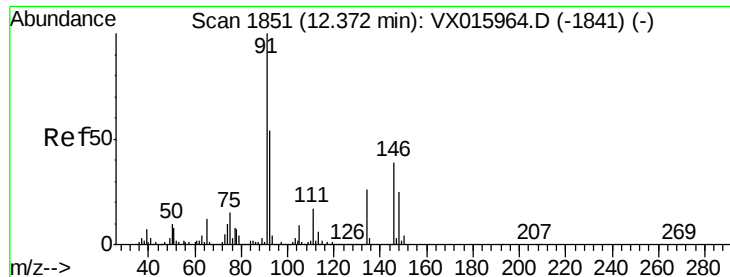


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.983 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampled :

VX0501WBS01

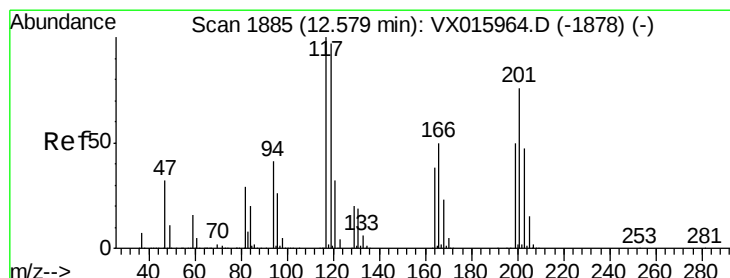
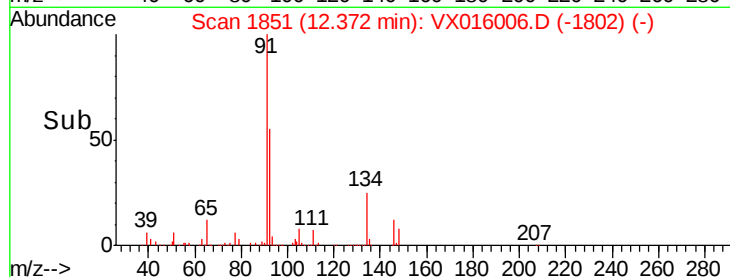
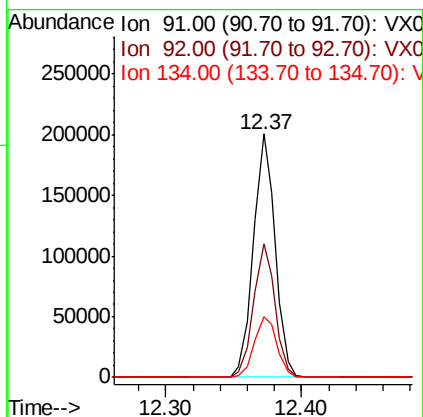
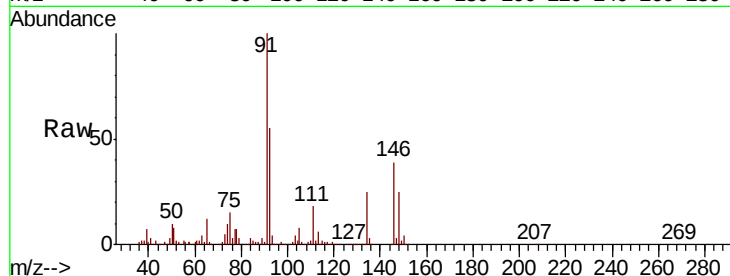
Tot Ion: 91 Resp: 225693

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.3

134 26.0 13.3 39.8



#90

Hexachloroethane

Concen: 18.582 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016006.D

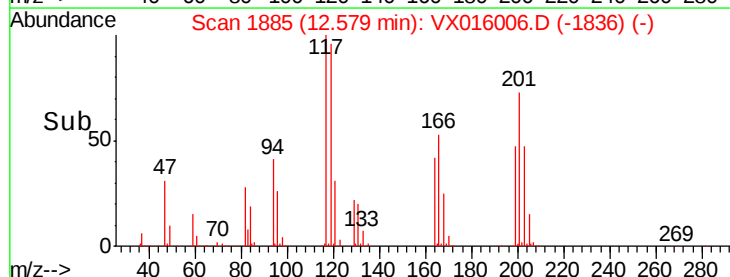
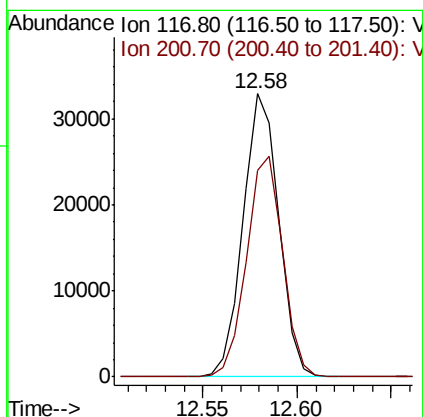
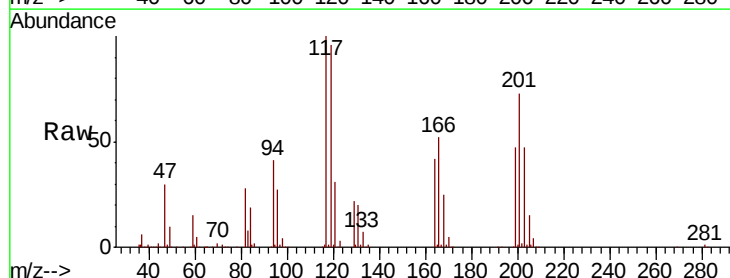
Acq: 01 May 2020 12:55

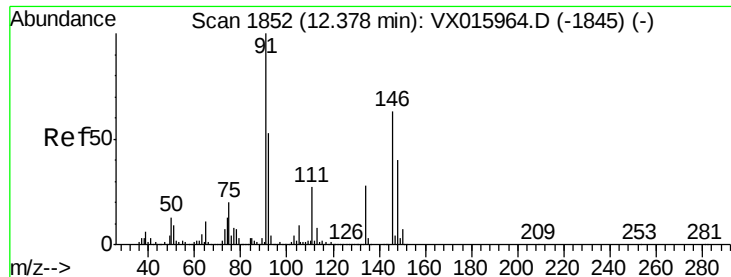
Tgt Ion: 117 Resp: 43201

Ion Ratio Lower Upper

117 100

201 78.6 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 18.568 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

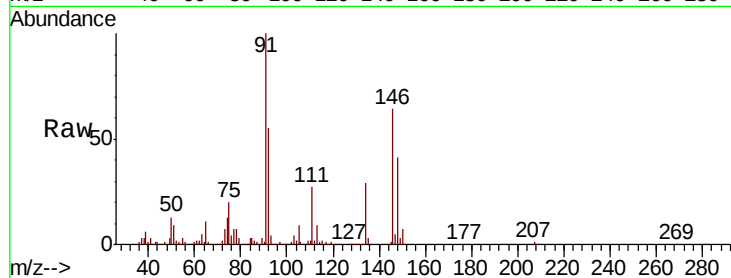
Tot Ion:146 Resp: 119648

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.3

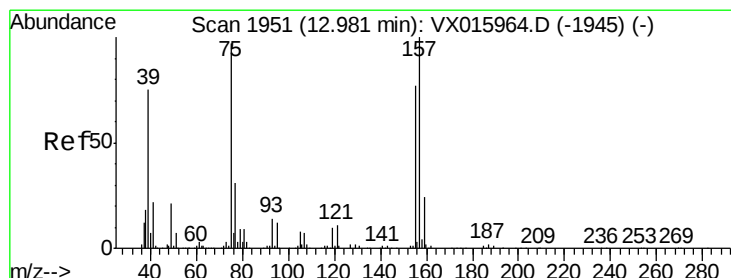
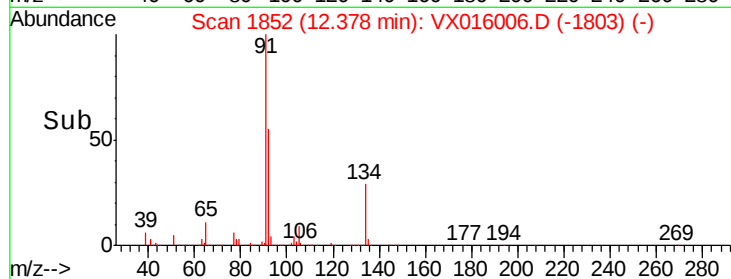
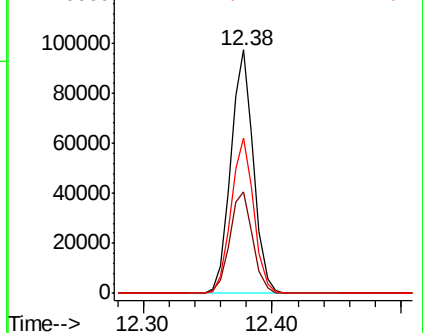
148 63.7 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.385 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

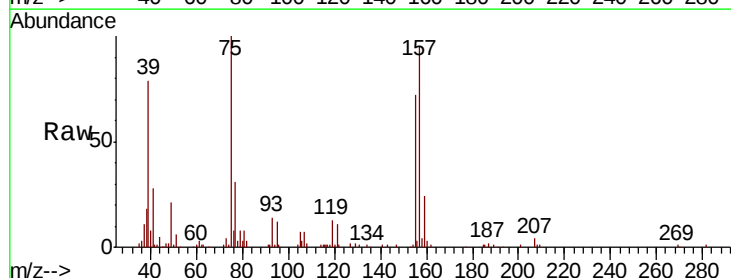
Tgt Ion: 75 Resp: 20604

Ion Ratio Lower Upper

75 100

155 84.0 42.5 127.6

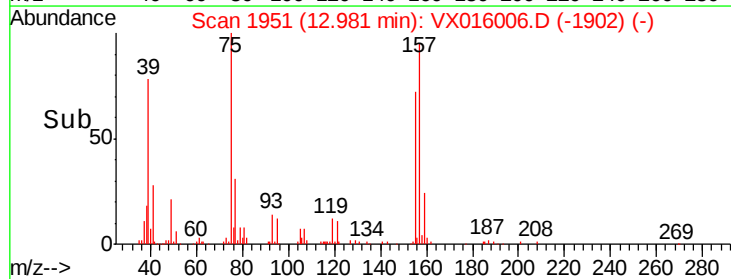
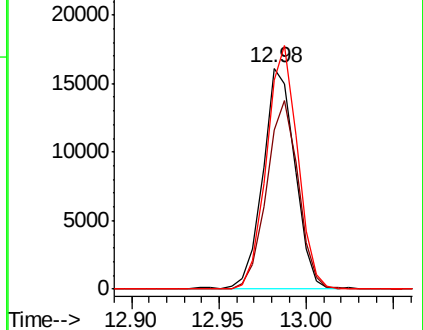
157 106.5 56.0 168.2

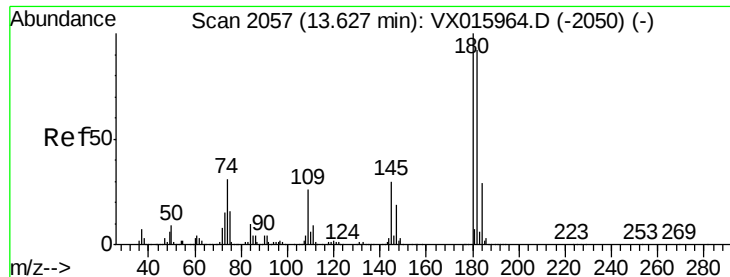


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

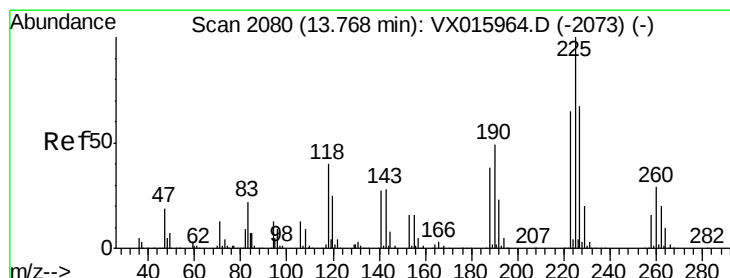
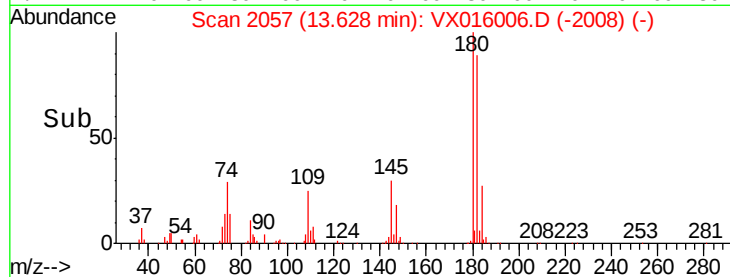
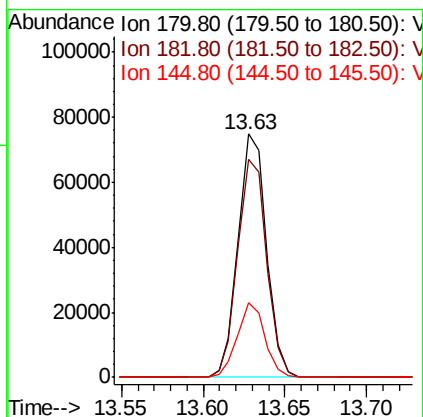
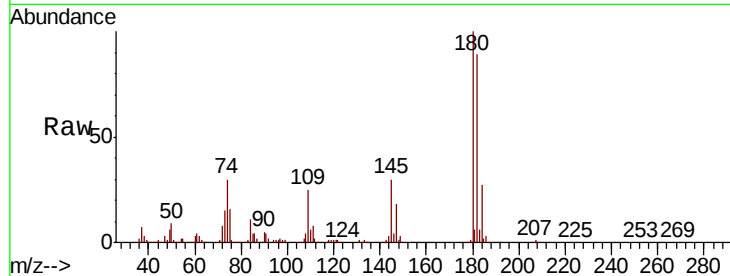




#93
 1,2,4-Trichlorobenzene
 Concen: 18.852 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

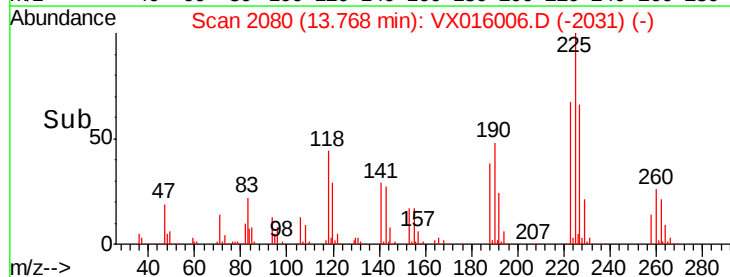
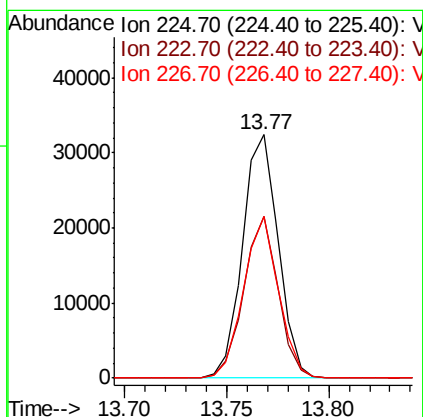
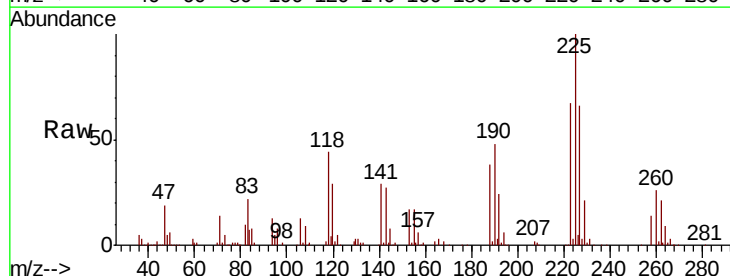
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

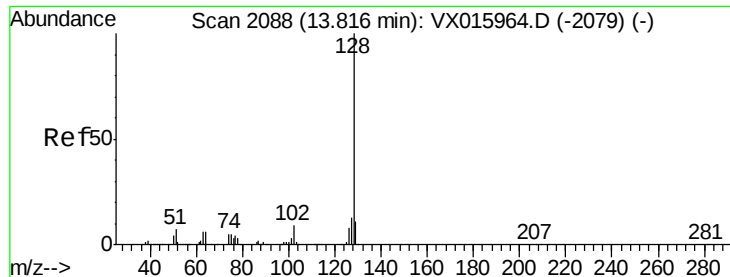
Tot Ion:180 Resp: 91175
 Ion Ratio Lower Upper
 180 100
 182 91.5 46.9 140.6
 145 29.4 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 18.223 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion:225 Resp: 39377
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.0 96.0
 227 65.1 33.0 99.0





#95

Naphthalene

Concen: 18.711 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

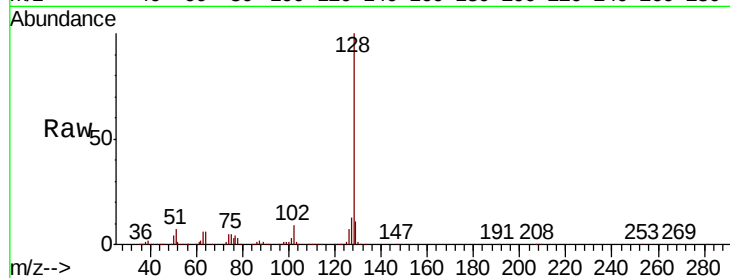
Tot Ion:128 Resp: 285423

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.7 13.1

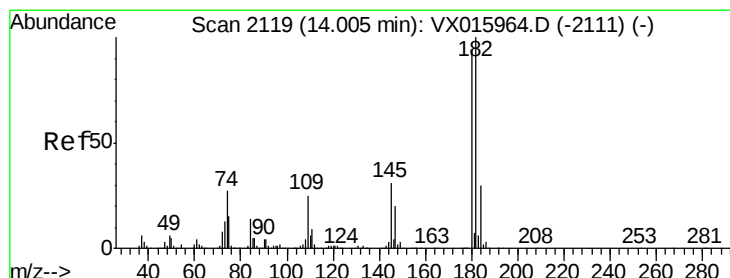
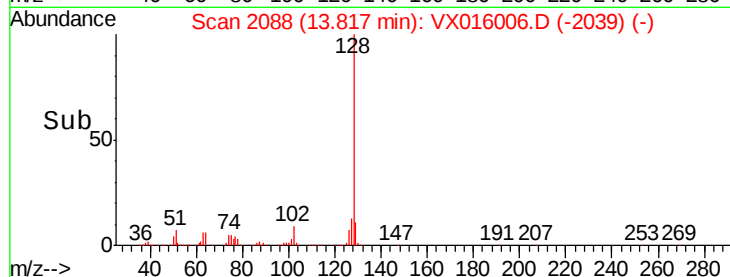
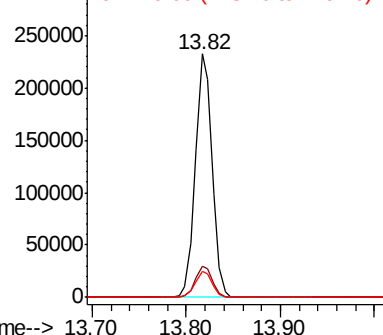


Abundance

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



#96

1,2,3-Trichlorobenzene

Concen: 18.844 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

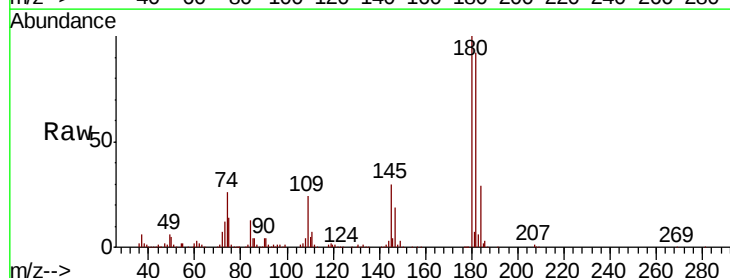
Tgt Ion:180 Resp: 87757

Ion Ratio Lower Upper

180 100

182 93.0 48.7 146.1

145 31.4 16.1 48.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

