

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016053.D
 Acq On : 05 May 2020 11:10
 Operator : JC/SP
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Quant Time: May 06 04:53:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	329198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	516182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	471175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193176	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
35) Dibromofluoromethane	5.46	113	148311	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	8.70	98	590633	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.12	95	219102	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	63714	18.285	ug/l	100
3) Chloromethane	1.31	50	69173	17.094	ug/l	100
4) Vinyl Chloride	1.39	62	74844	17.336	ug/l	98
5) Bromomethane	1.63	94	50229	23.077	ug/l	96
6) Chloroethane	1.71	64	47397	18.043	ug/l	98
7) Trichlorofluoromethane	1.92	101	100339	17.703	ug/l	97
8) Diethyl Ether	2.17	74	41439	17.352	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	59634	18.236	ug/l	99
10) Methyl Iodide	2.49	142	69360	15.791	ug/l	100
11) Tert butyl alcohol	3.01	59	88284	80.593	ug/l	100
12) 1,1-Dichloroethene	2.36	96	59744	17.459	ug/l	94
13) Acrolein	2.27	56	49491	72.199	ug/l	100
14) Allyl chloride	2.70	41	108189	17.243	ug/l	99
15) Acrylonitrile	3.11	53	189466	83.374	ug/l	99
16) Acetone	2.42	43	164383	85.047	ug/l	99
17) Carbon Disulfide	2.55	76	184630	17.833	ug/l	98
18) Methyl Acetate	2.75	43	79430	16.714	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	207978	17.630	ug/l	98
20) Methylene Chloride	2.83	84	66645	16.726	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	64538	16.924	ug/l	98
22) Diisopropyl ether	3.82	45	207947	17.567	ug/l	89
23) Vinyl Acetate	3.78	43	913385	87.706	ug/l	100
24) 1,1-Dichloroethane	3.67	63	116416	17.581	ug/l	99
25) 2-Butanone	4.63	43	260524	83.646	ug/l	97
26) 2,2-Dichloropropane	4.55	77	106299	17.578	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	74377	17.840	ug/l	96
28) Bromochloromethane	4.98	49	56218	18.619	ug/l	99
29) Tetrahydrofuran	5.09	42	171633	83.166	ug/l	99
30) Chloroform	5.17	83	114932	17.432	ug/l	100
31) Cyclohexane	5.55	56	108432	18.018	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	105982	17.685	ug/l	100
36) 1,1-Dichloropropene	5.77	75	89810	17.675	ug/l	98
37) Ethyl Acetate	4.79	43	102101	17.337	ug/l	99
38) Carbon Tetrachloride	5.76	117	92497	17.910	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0505WBS01

Quant Time: May 06 04:53:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	111521	18.225	ug/l	97
40) Benzene	6.11	78	265472	17.856	ug/l	100
41) Methacrylonitrile	4.99	41	55263	17.376	ug/l	99
42) 1,2-Dichloroethane	6.16	62	95534	17.838	ug/l	100
43) Isopropyl Acetate	6.41	43	163639	17.415	ug/l	100
44) Trichloroethene	7.19	130	96571	18.284	ug/l	98
45) 1,2-Dichloropropane	7.49	63	67554	17.958	ug/l	99
46) Dibromomethane	7.63	93	45775	17.906	ug/l	97
47) Bromodichloromethane	7.87	83	92515	17.769	ug/l	99
48) Methyl methacrylate	7.74	41	75463	16.949	ug/l	98
49) 1,4-Dioxane	7.71	88	35224	329.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	498436	86.685	ug/l	100
52) Toluene	8.76	92	167628	18.089	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	108229	17.434	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	113563	17.514	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	65108	17.858	ug/l	97
56) Ethyl methacrylate	9.16	69	105010	17.645	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112499	17.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	280547	88.548	ug/l	100
59) 2-Hexanone	9.47	43	387115	85.728	ug/l	99
60) Dibromochloromethane	9.56	129	70549	17.569	ug/l	99
61) 1,2-Dibromoethane	9.65	107	68320	17.300	ug/l	97
64) Tetrachloroethene	9.32	164	108009	18.673	ug/l	98
65) Chlorobenzene	10.12	112	178436	18.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	64973	17.818	ug/l	99
67) Ethyl Benzene	10.23	91	320063	18.182	ug/l	98
68) m/p-Xylenes	10.34	106	243837	36.972	ug/l	99
69) o-Xylene	10.68	106	115609	18.236	ug/l	98
70) Styrene	10.70	104	189808	17.648	ug/l	99
71) Bromoform	10.84	173	50585	17.027	ug/l #	99
73) Isopropylbenzene	11.00	105	307528	17.977	ug/l	99
74) N-amyl acetate	10.88	43	138197	17.319	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	48029	16.468	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	122212	22.898	ug/l	84
77) Bromobenzene	11.24	156	77117	17.465	ug/l	99
78) n-propylbenzene	11.34	91	355840	17.880	ug/l	100
79) 2-Chlorotoluene	11.40	91	206981	17.620	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	260932	18.065	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38241	17.075	ug/l	98
82) 4-Chlorotoluene	11.49	91	247254	17.824	ug/l	100
83) tert-Butylbenzene	11.76	119	220622	17.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	264326	18.101	ug/l	99
85) sec-Butylbenzene	11.93	105	300617	17.887	ug/l	100
86) p-Isopropyltoluene	12.05	119	280383	17.969	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	137809	17.382	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	139993	17.397	ug/l	99
89) n-Butylbenzene	12.37	91	247595	17.369	ug/l	100
90) Hexachloroethane	12.58	117	47219	17.620	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	132795	17.395	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22961	16.323	ug/l	96

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ClientSampleId :
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Quant Time: May 06 04:53:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 04:29:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	97727	17.291	ug/l	97
94) Hexachlorobutadiene	13.77	225	45594	19.061	ug/l	99
95) Naphthalene	13.82	128	311541	17.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	95750	17.334	ug/l	99

(#) = 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: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

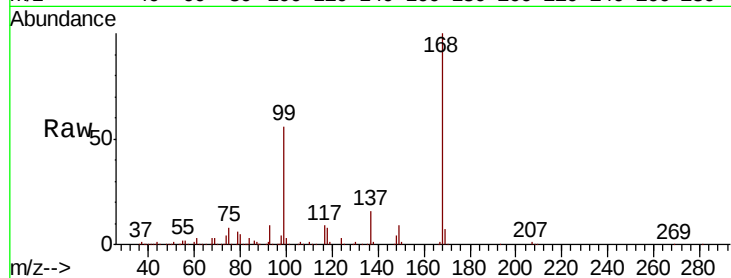
VX0505WBS01

Tot Ion:168 Resp: 329198

Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

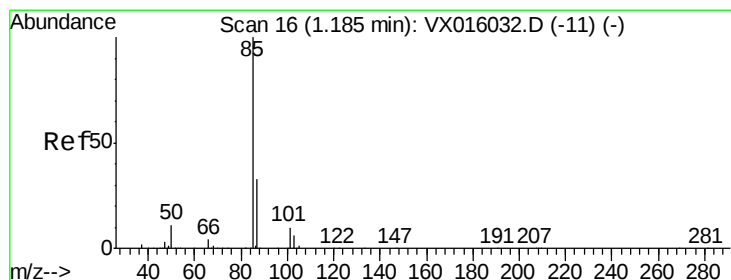
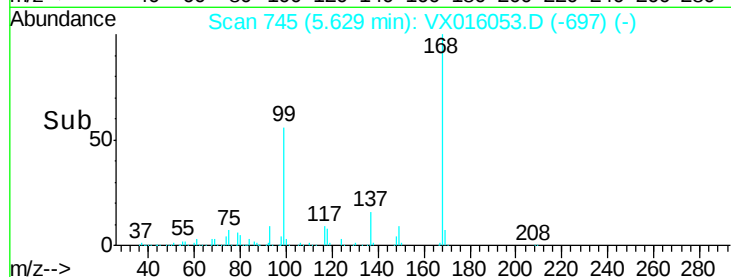
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 18.285 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016053.D

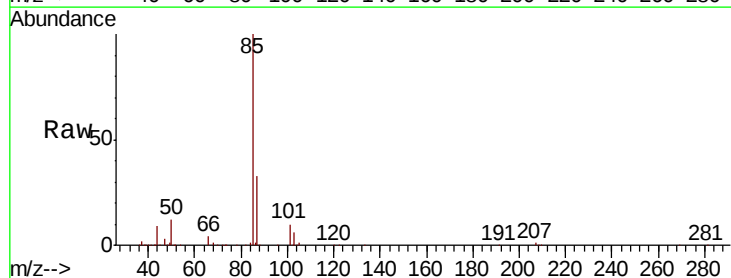
Acq: 05 May 2020 11:10

Tgt Ion: 85 Resp: 63714

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

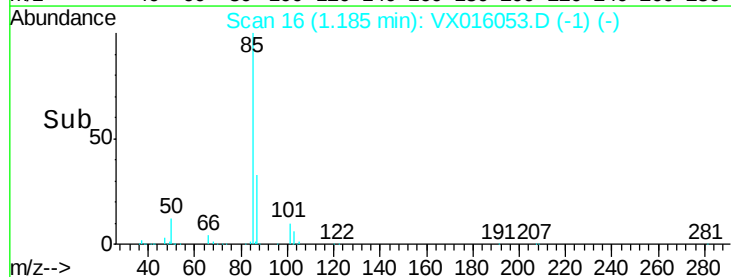
40000

20000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.094 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

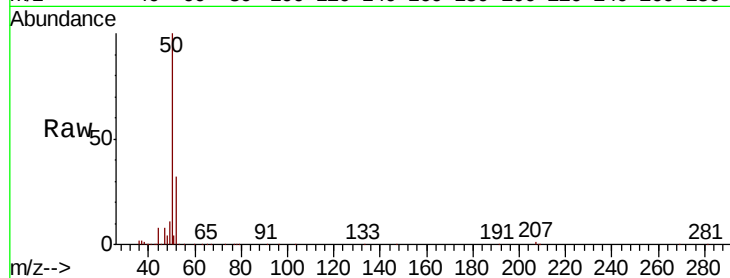
VX0505WBS01

Tot Ion: 50 Resp: 69173

Ion Ratio Lower Upper

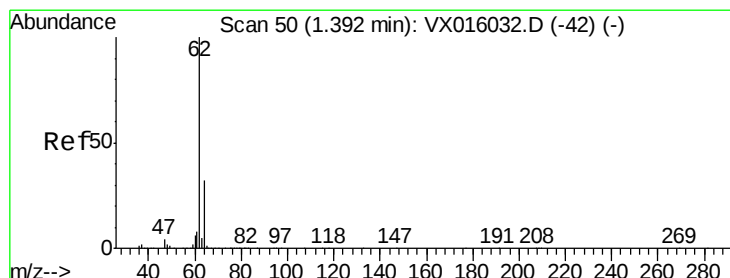
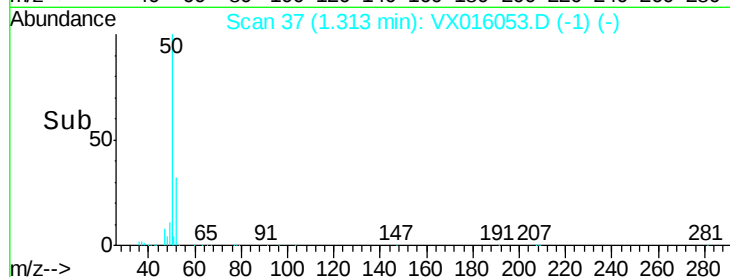
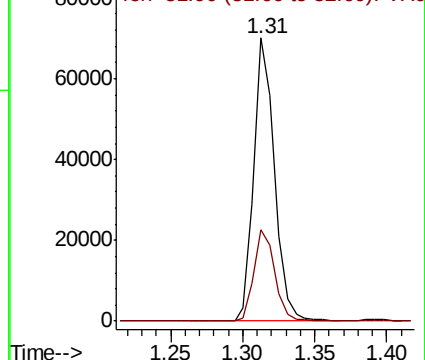
50 100

52 32.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.336 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016053.D

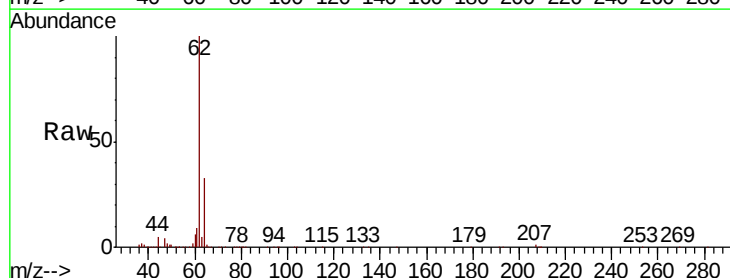
Acq: 05 May 2020 11:10

Tgt Ion: 62 Resp: 74844

Ion Ratio Lower Upper

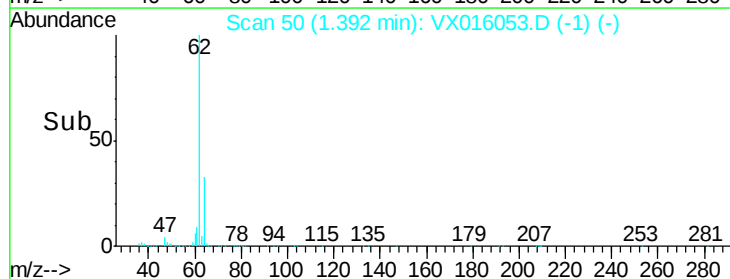
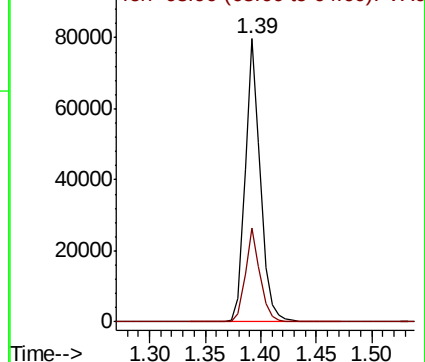
62 100

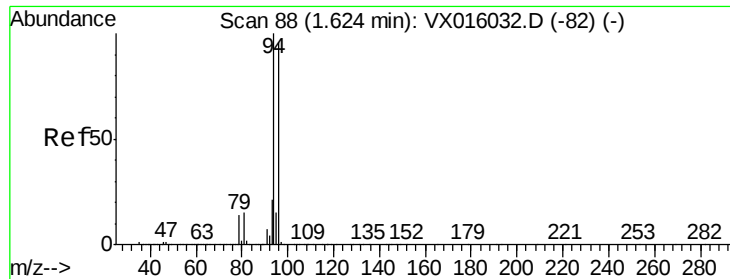
64 33.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.077 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

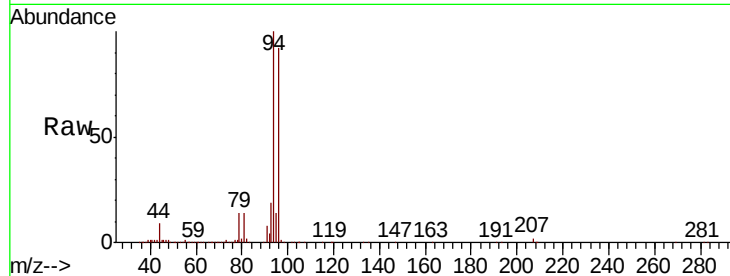
VX0505WBS01

Tot Ion: 94 Resp: 50229

Ion Ratio Lower Upper

94 100

96 91.9 76.9 115.3

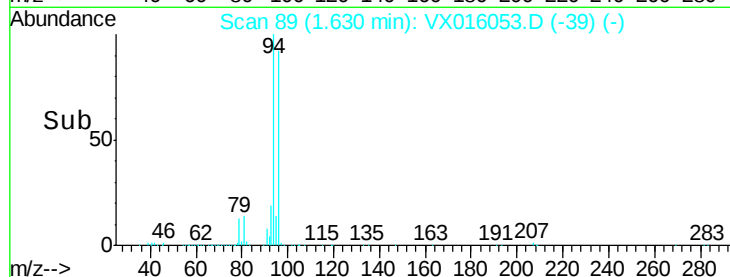


Abundance Ion 93.90 (93.60 to 94.60): VX0

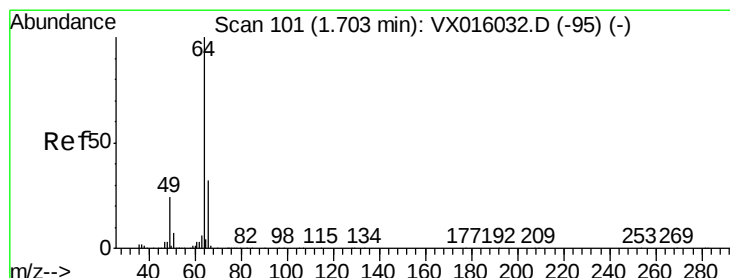
Ion 95.90 (95.60 to 96.60): VX0

1.63

Time-->



Time-->



#6

Chloroethane

Concen: 18.043 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016053.D

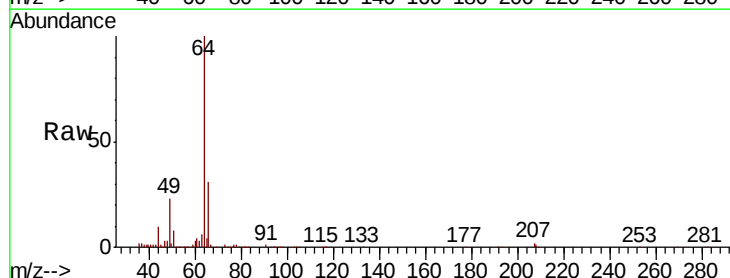
Acq: 05 May 2020 11:10

Tgt Ion: 64 Resp: 47397

Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8

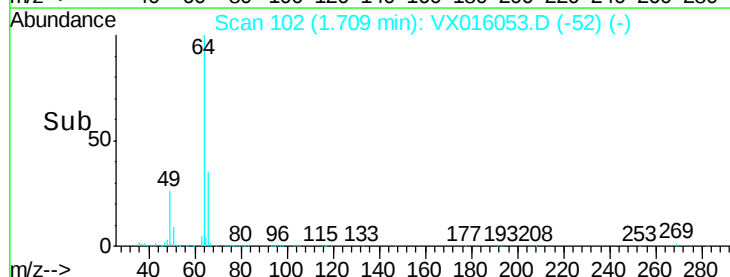


Abundance Ion 63.90 (63.60 to 64.60): VX0

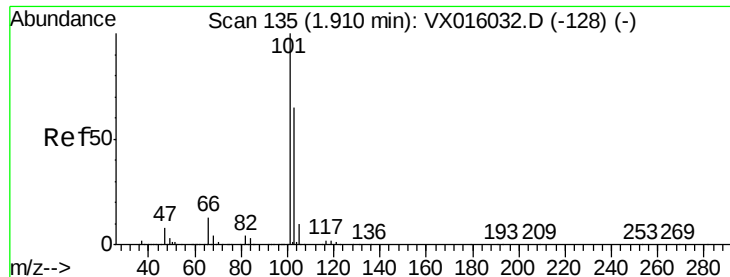
Ion 65.90 (65.60 to 66.60): VX0

1.71

Time-->



Time-->

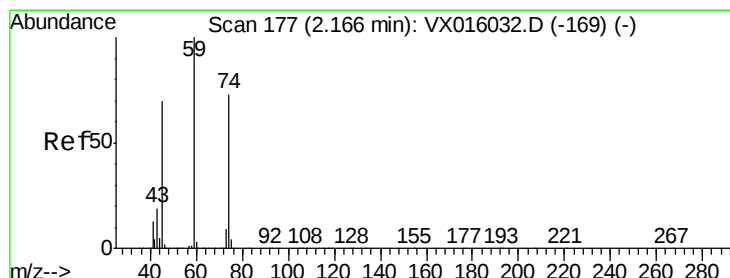
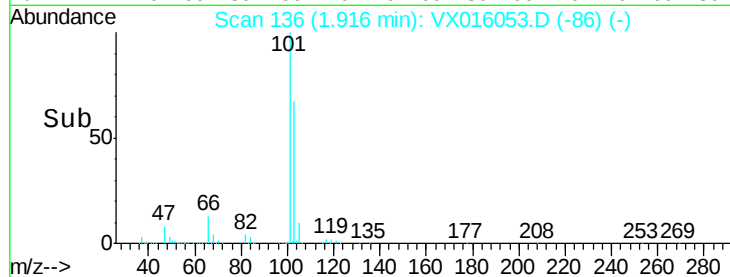
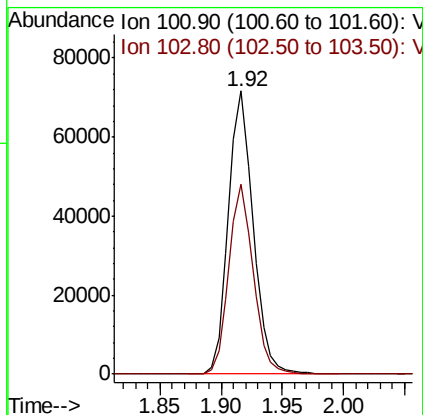
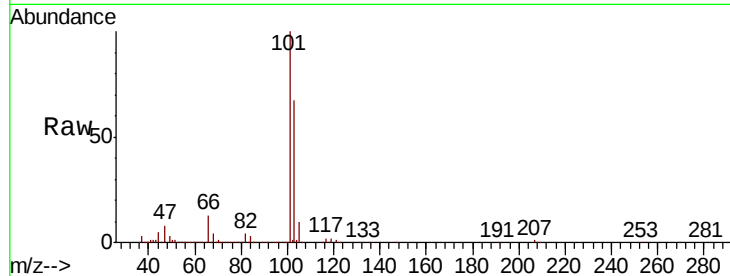


#7

Trichlorofluoromethane
 Concen: 17.703 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

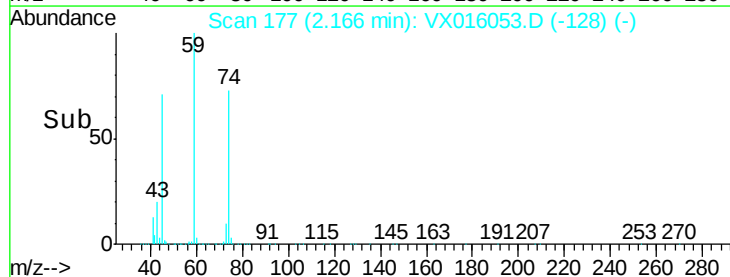
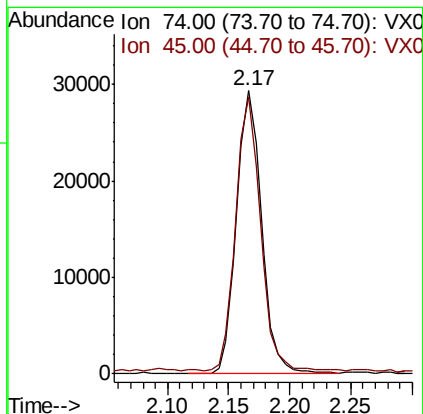
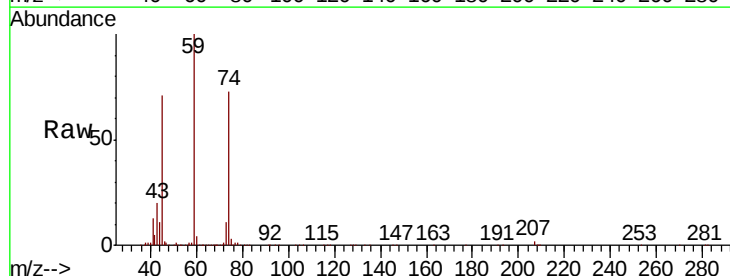
Tot Ion:101 Resp: 100339
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.8 77.6

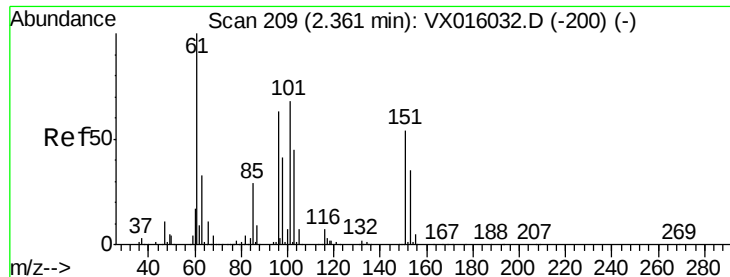


#8

Diethyl Ether
 Concen: 17.352 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion: 74 Resp: 41439
 Ion Ratio Lower Upper
 74 100
 45 95.9 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.236 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

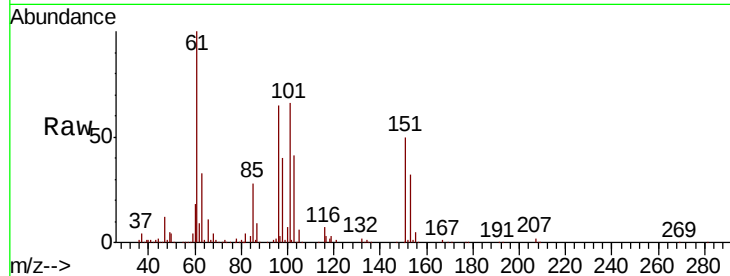
Tot Ion:101 Resp: 59634

Ion Ratio Lower Upper

101 100

85 44.1 34.2 51.4

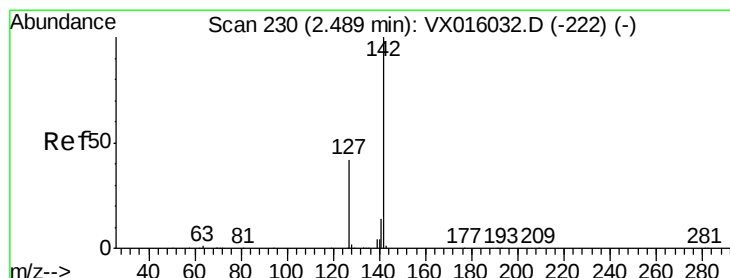
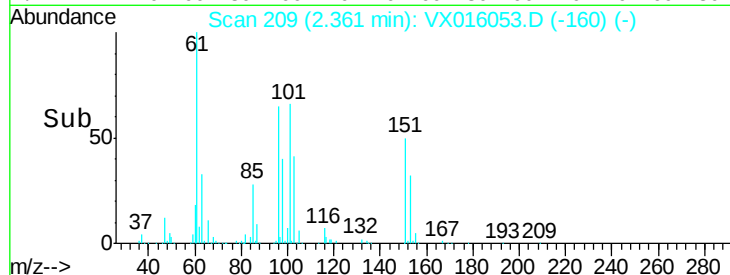
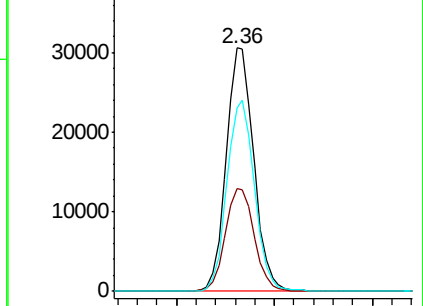
151 78.5 62.1 93.1



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: 15.791 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

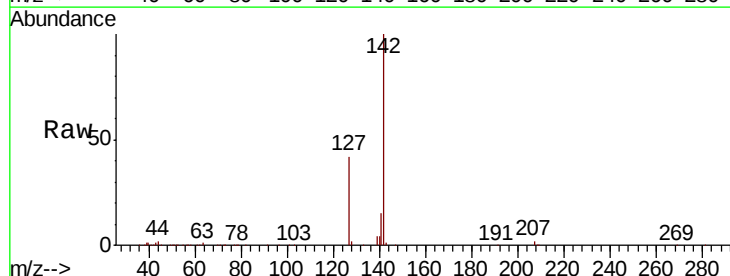
Tgt Ion:142 Resp: 69360

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

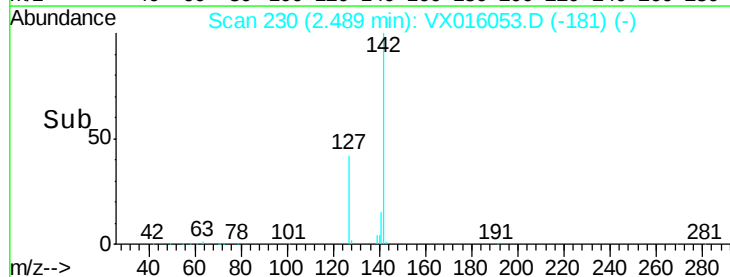
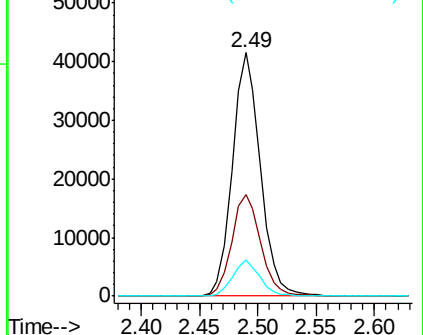
141 14.4 11.3 16.9



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



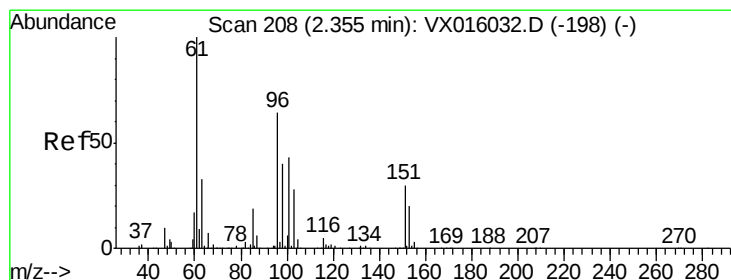
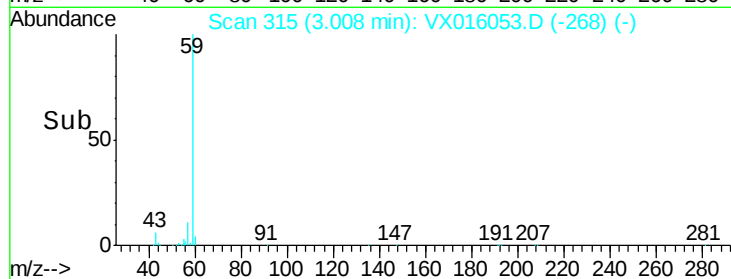
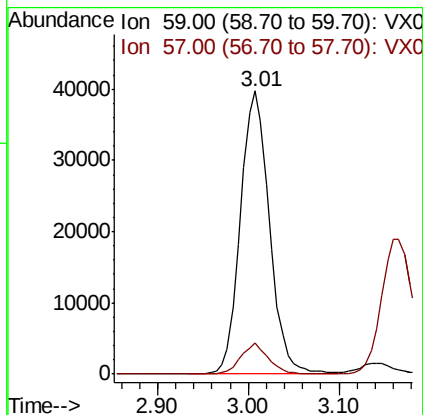
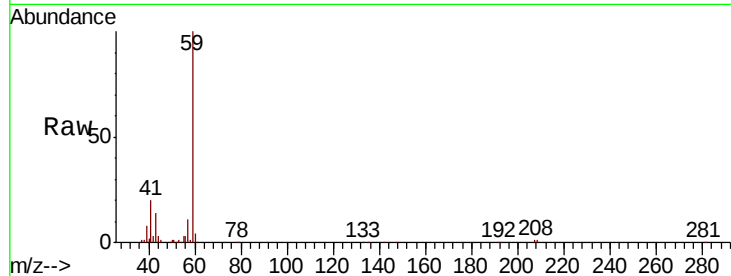


#11

Tert butyl alcohol
 Concen: 80.593 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

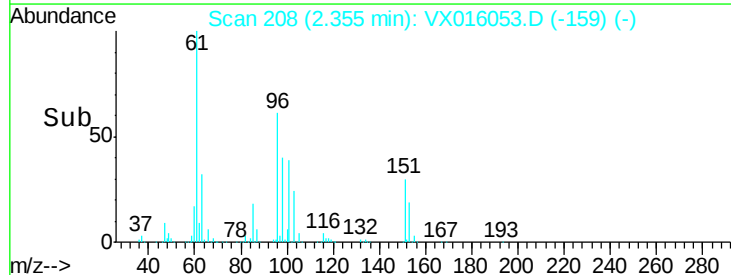
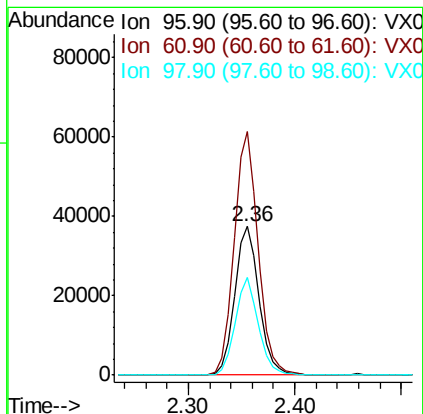
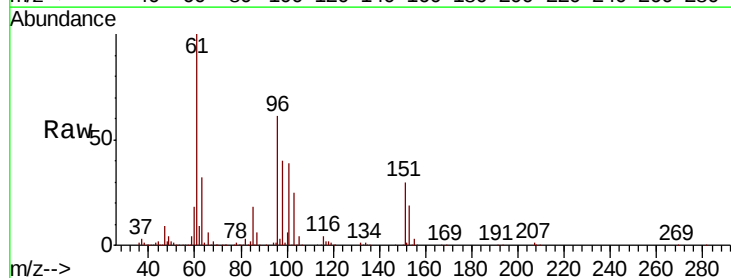
Tot Ion: 59 Resp: 88284
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

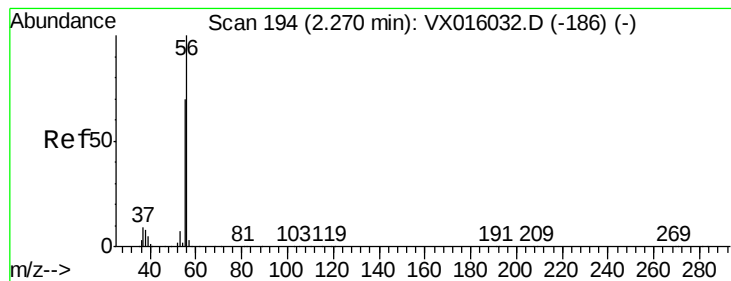


#12

1,1-Dichloroethene
 Concen: 17.459 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion: 96 Resp: 59744
 Ion Ratio Lower Upper
 96 100
 61 164.0 124.8 187.2
 98 66.0 49.7 74.5





#13

Acrolein

Concen: 72.199 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

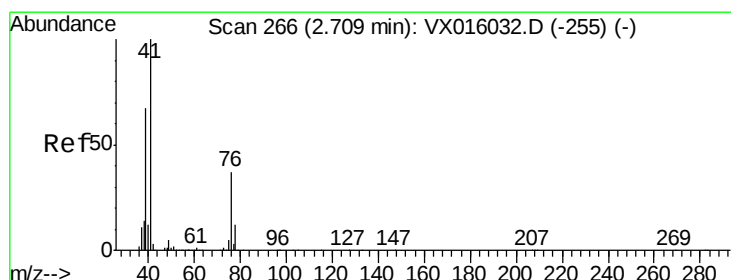
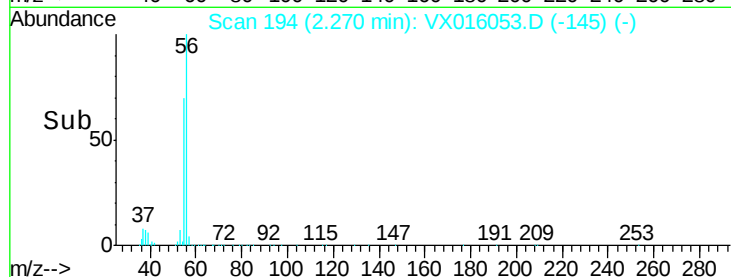
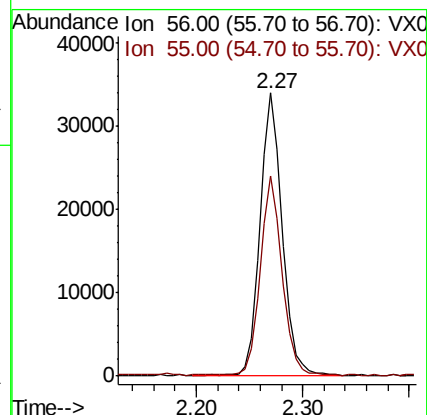
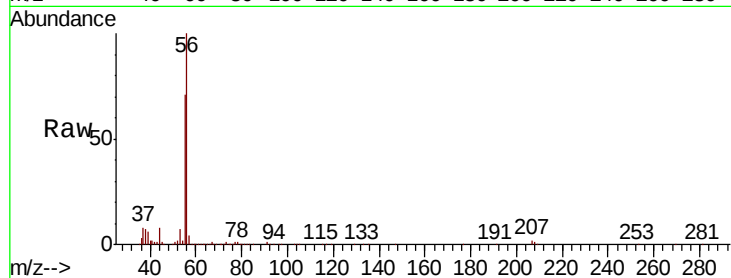
VX0505WBS01

Tot Ion: 56 Resp: 49491

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7



#14

Allyl chloride

Concen: 17.243 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

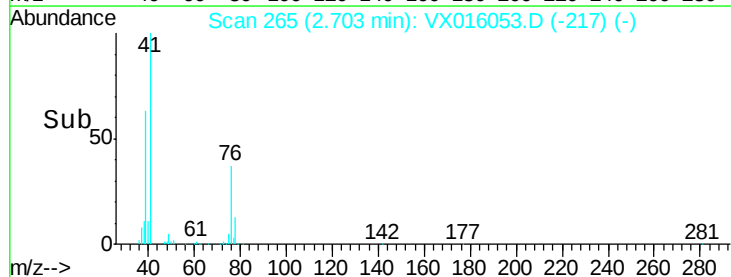
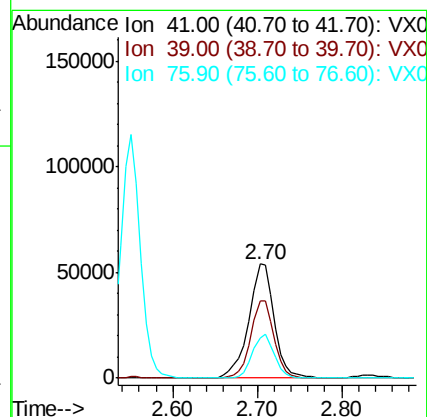
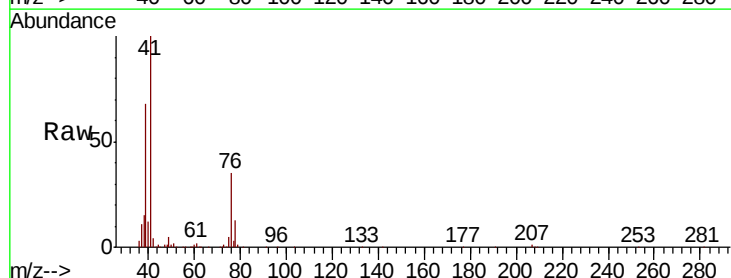
Tgt Ion: 41 Resp: 108189

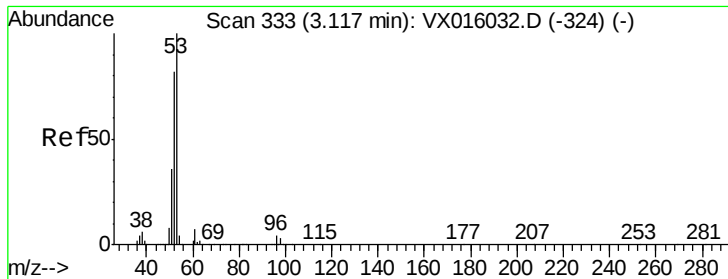
Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

76 33.4 26.6 40.0





#15

Acrylonitrile

Concen: 83.374 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

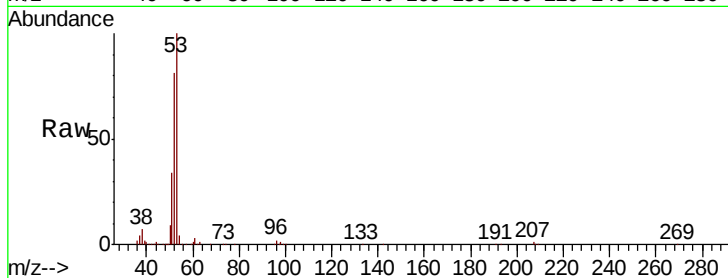
Tot Ion: 53 Resp: 189466

Ion Ratio Lower Upper

53 100

52 81.4 66.1 99.1

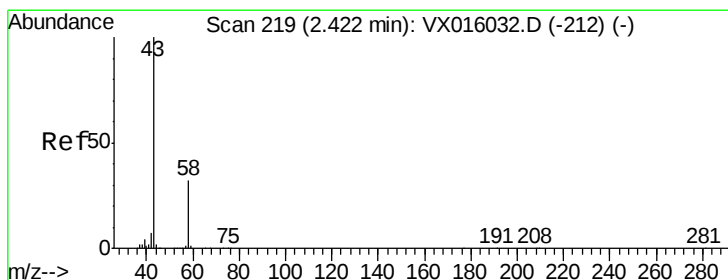
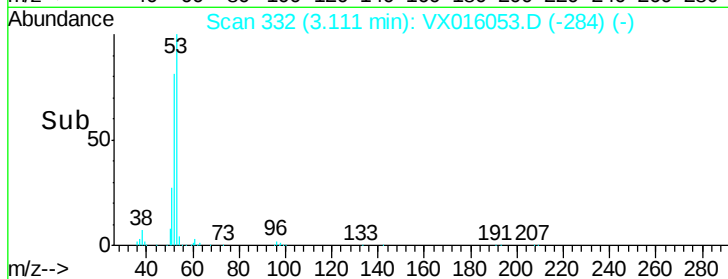
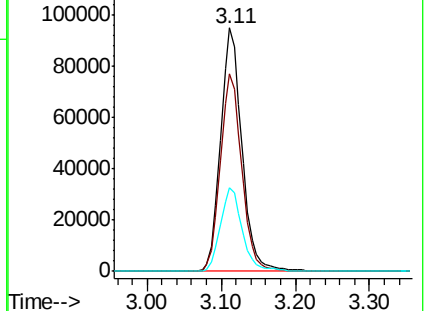
51 35.4 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 85.047 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016053.D

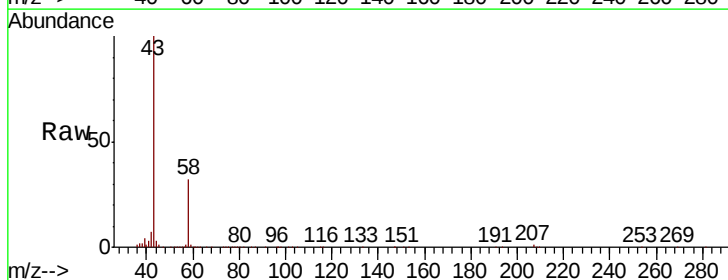
Acq: 05 May 2020 11:10

Tgt Ion: 43 Resp: 164383

Ion Ratio Lower Upper

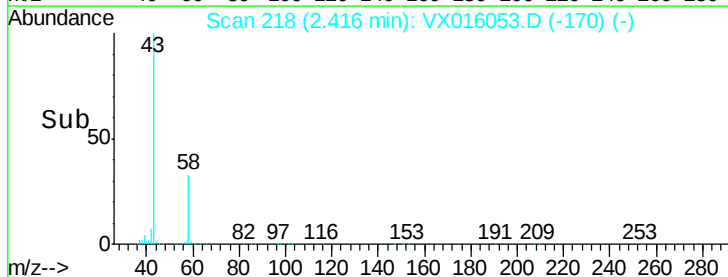
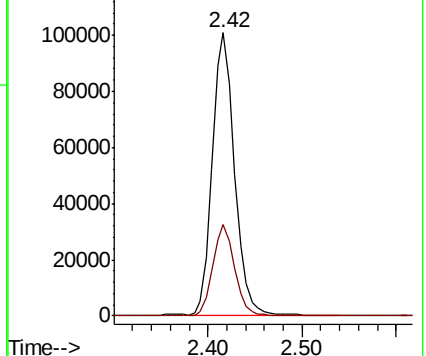
43 100

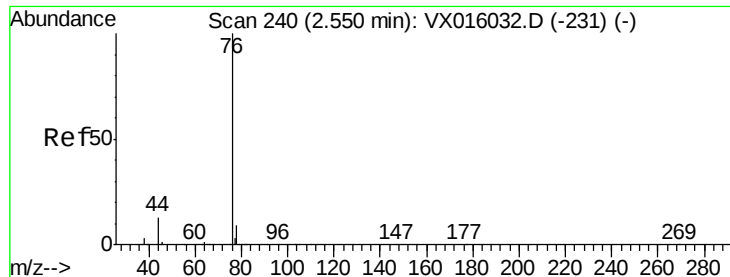
58 32.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

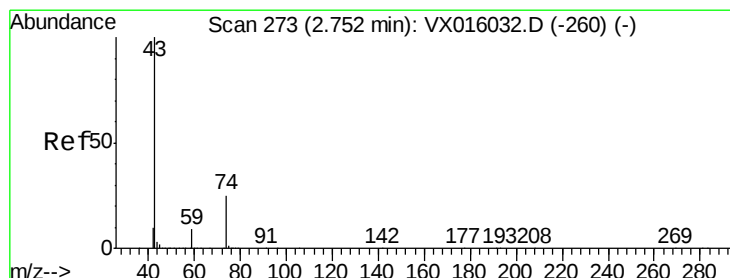
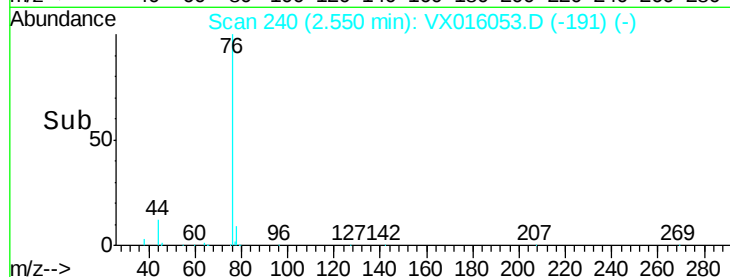
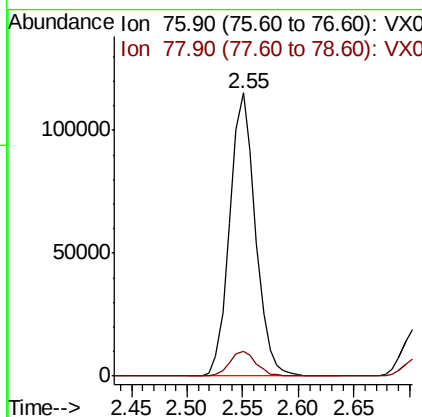
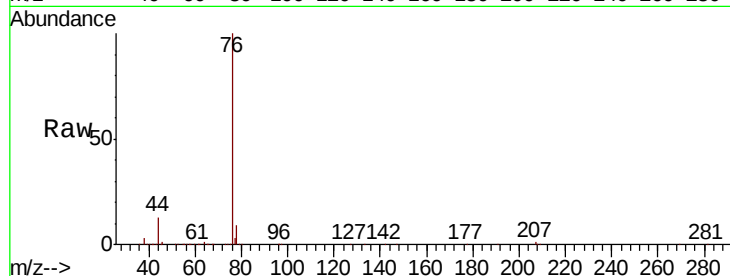




#17
Carbon Disulfide
Concen: 17.833 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

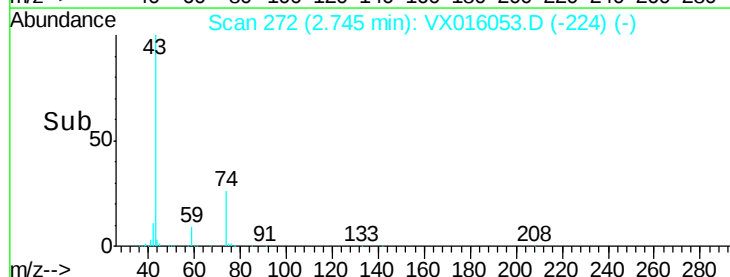
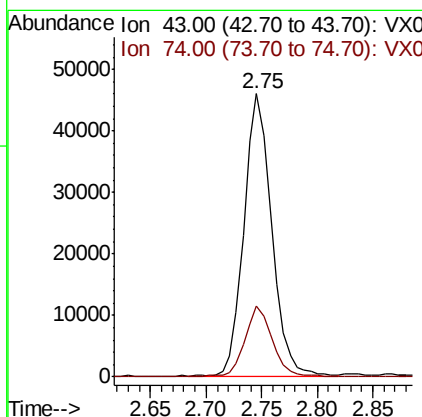
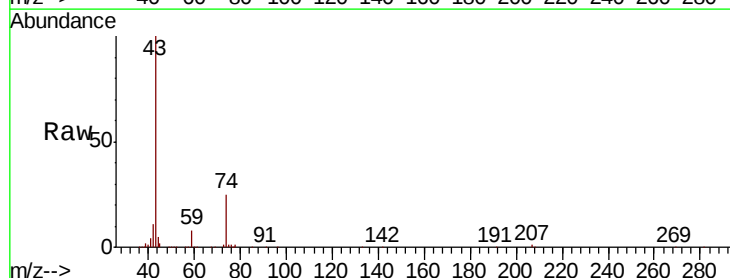
Instrument :
MSVOA_X
ClientSampled :
VX0505WBS01

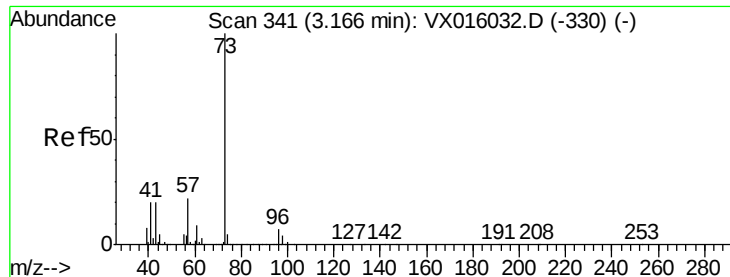
Tot Ion: 76 Resp: 184630
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 16.714 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion: 43 Resp: 79430
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2



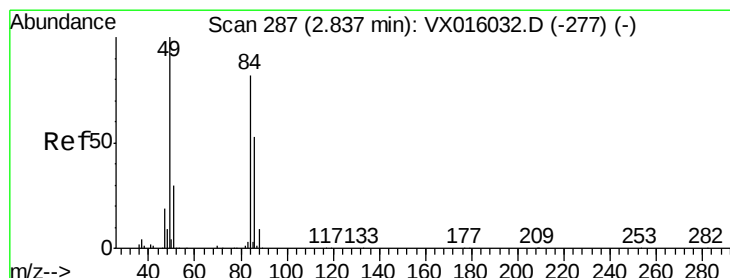
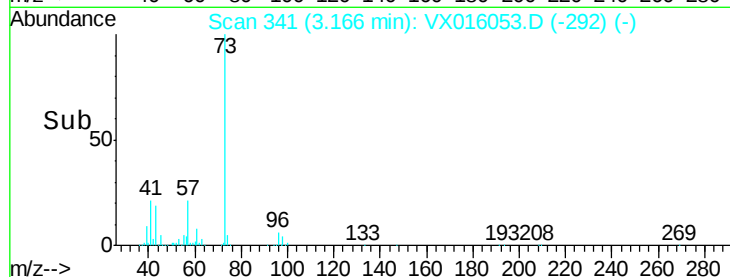
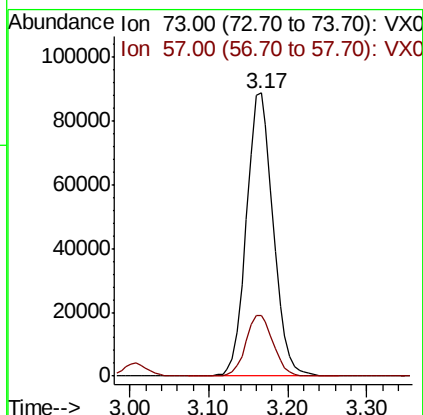
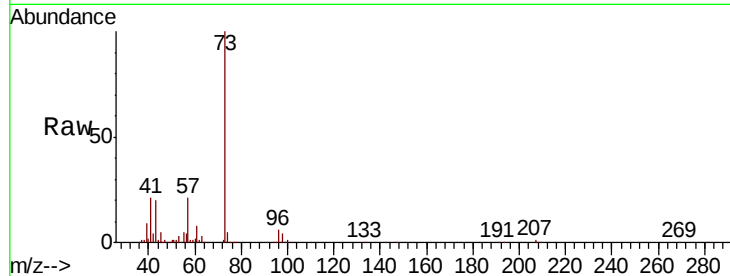


#19

Methyl tert-butyl Ether
 Concen: 17.630 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0505WBS01

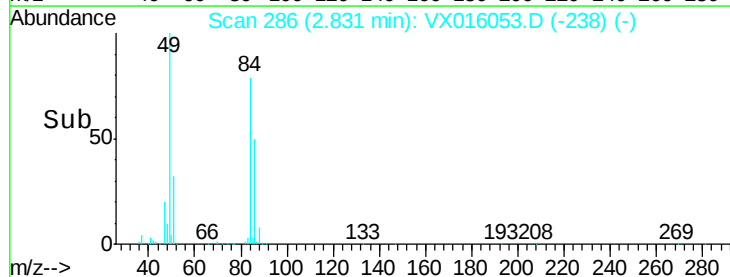
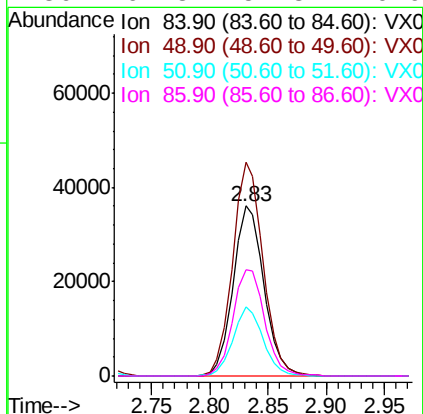
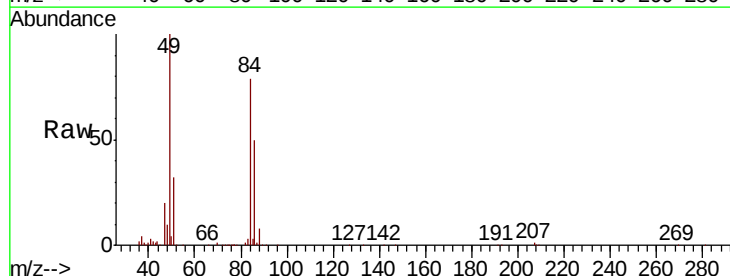
Tot Ion: 73 Resp: 207978
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.8 26.6



#20

Methylene Chloride
 Concen: 16.726 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion: 84 Resp: 66645
 Ion Ratio Lower Upper
 84 100
 49 125.8 97.3 145.9
 51 40.4 29.3 43.9
 86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.924 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

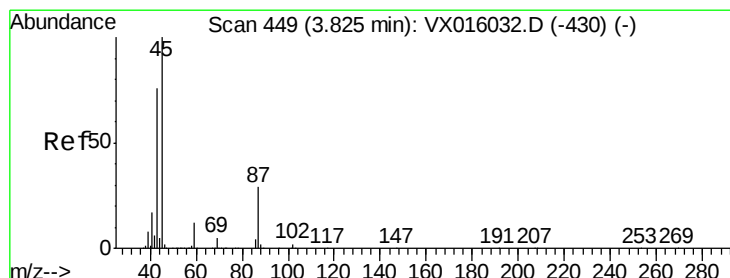
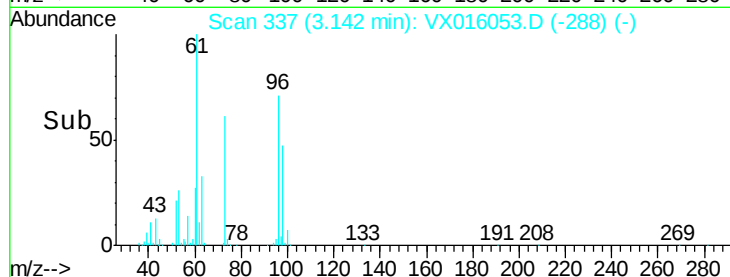
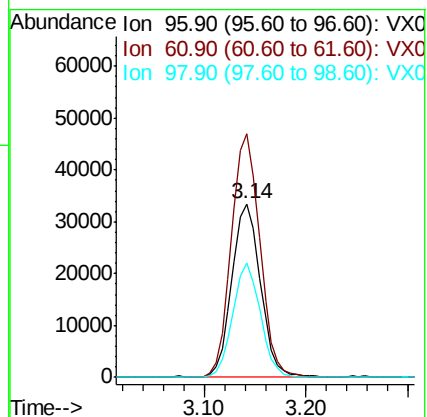
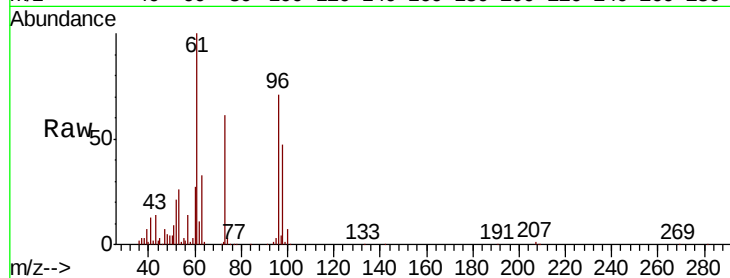
Tot Ion: 96 Resp: 64538

Ion Ratio Lower Upper

96 100

61 140.8 111.2 166.8

98 66.3 50.2 75.4



#22

Diisopropyl ether

Concen: 17.567 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Tgt Ion: 45 Resp: 207947

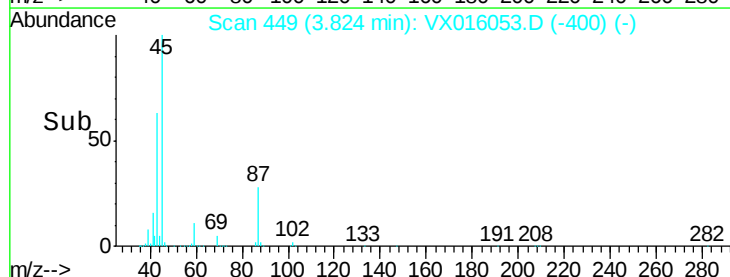
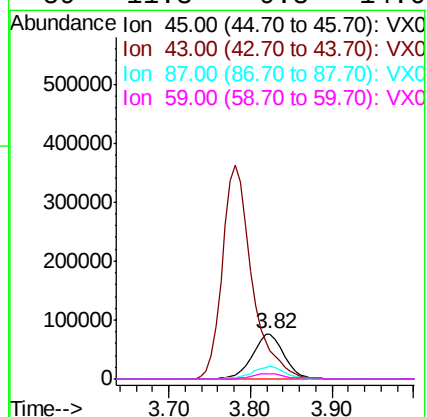
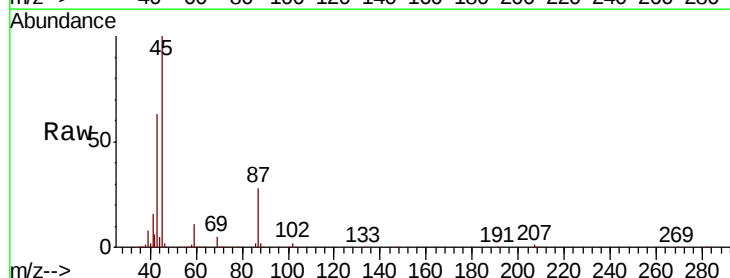
Ion Ratio Lower Upper

45 100

43 62.7 61.1 91.7

87 27.6 23.0 34.6

59 11.3 9.8 14.6





#23

Vinyl Acetate

Concen: 87.706 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

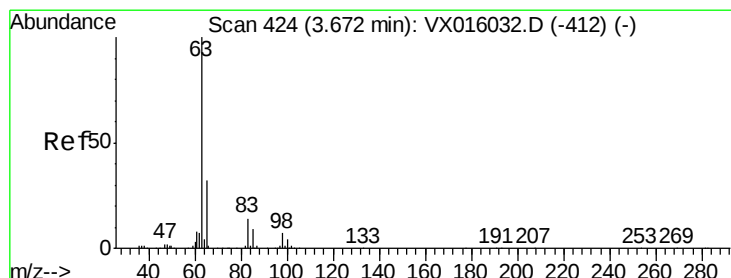
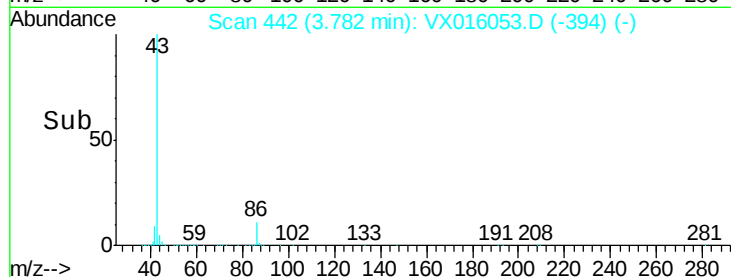
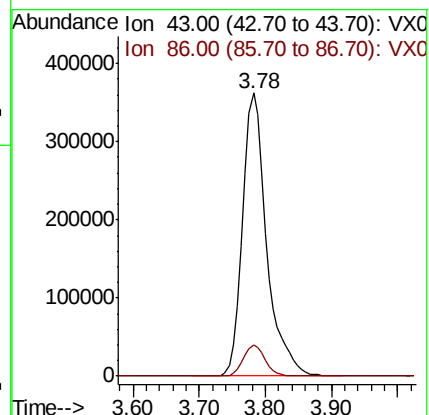
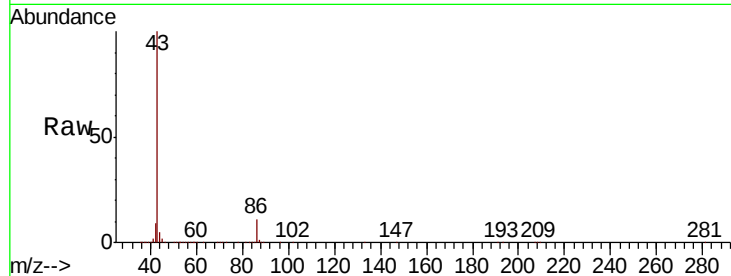
VX0505WBS01

Tot Ion: 43 Resp: 913385

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 17.581 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

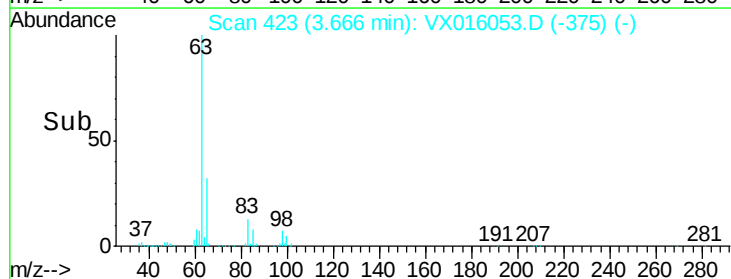
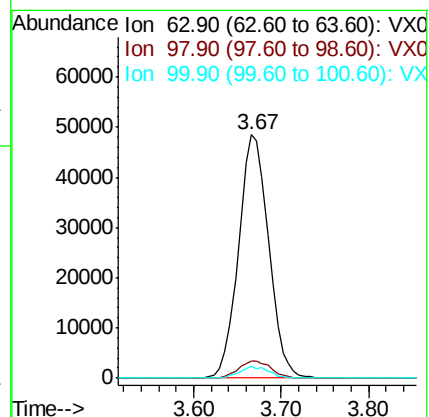
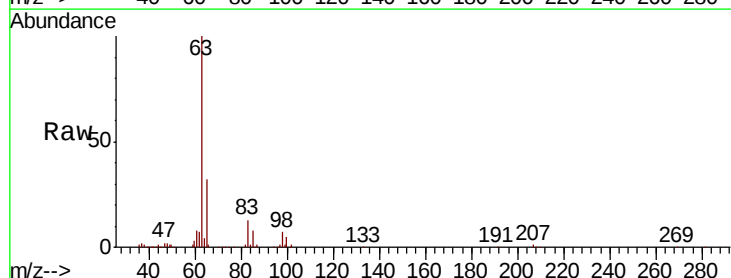
Tgt Ion: 63 Resp: 116416

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 83.646 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

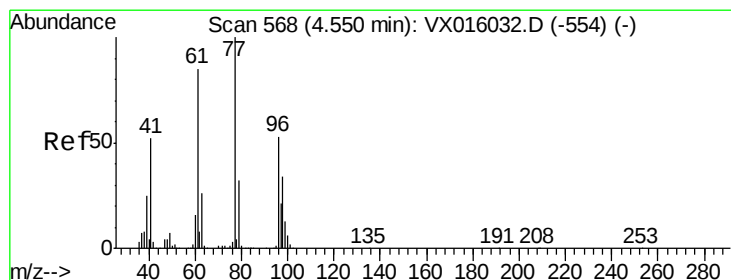
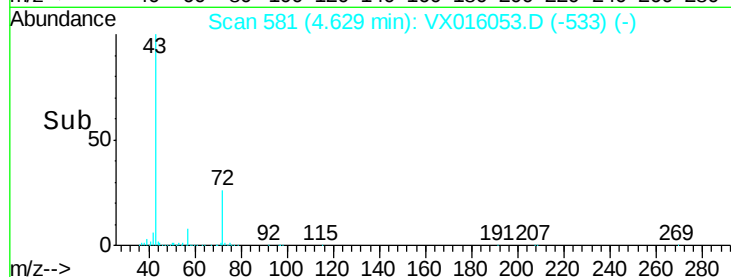
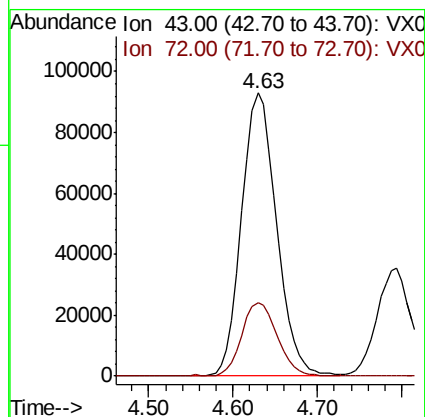
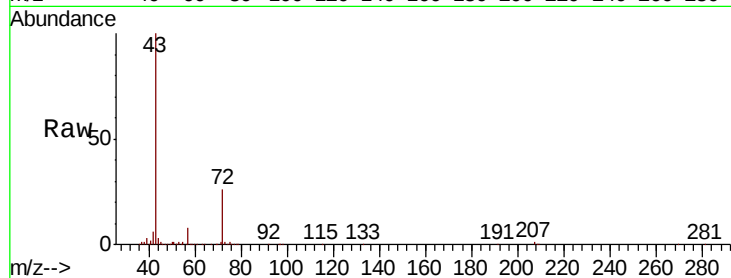
VX0505WBS01

Tot Ion: 43 Resp: 260524

Ion Ratio Lower Upper

43 100

72 25.8 21.8 32.8



#26

2,2-Dichloropropane

Concen: 17.578 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016053.D

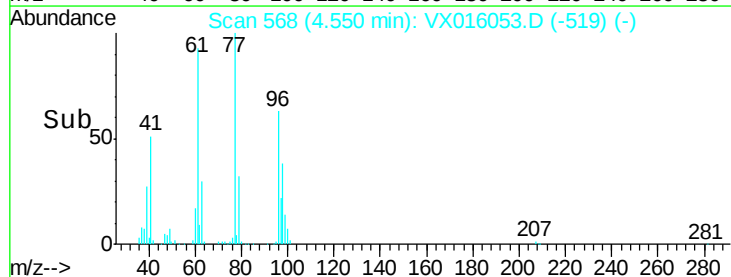
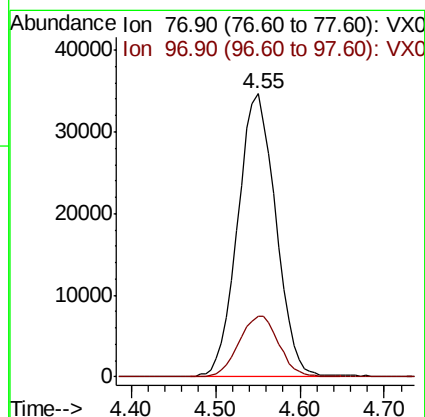
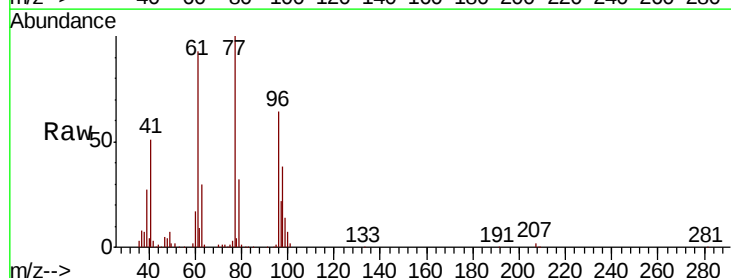
Acq: 05 May 2020 11:10

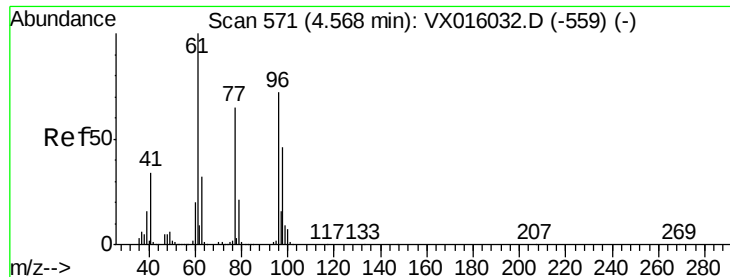
Tgt Ion: 77 Resp: 106299

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



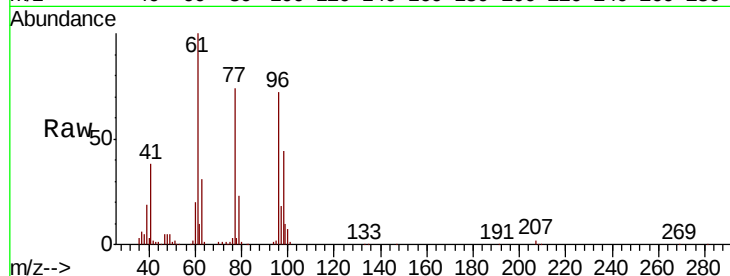


#27

cis-1,2-Dichloroethene
 Concen: 17.840 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	296.2
98	62.1	0.0	129.4

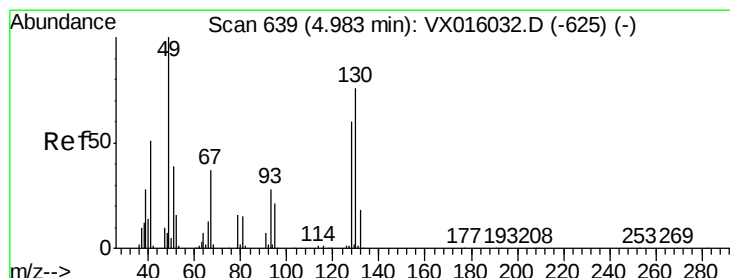
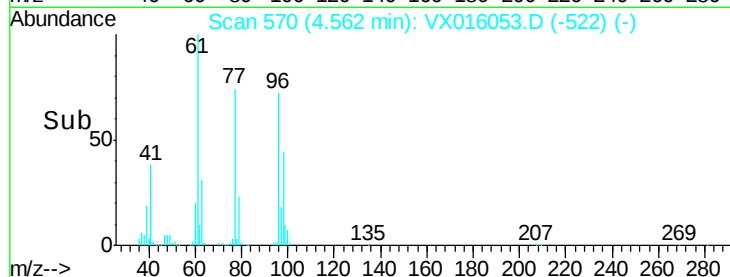
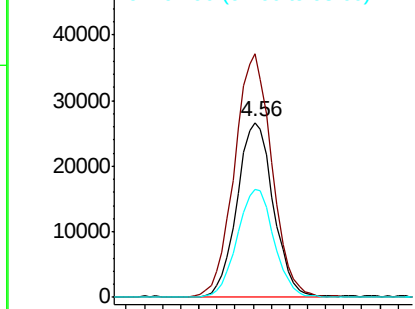


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

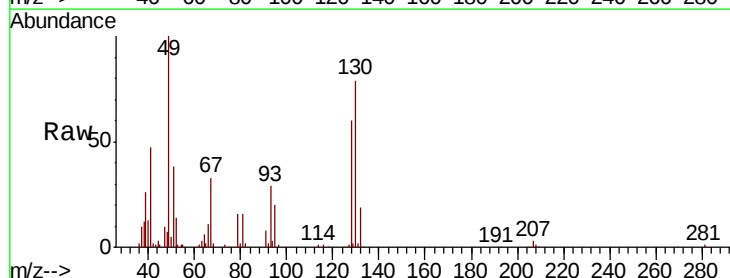
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 18.619 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	79.1	62.4	93.6

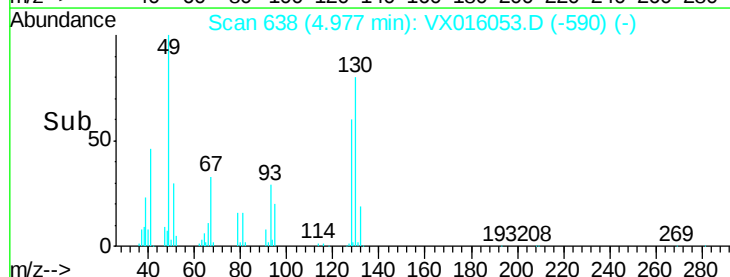
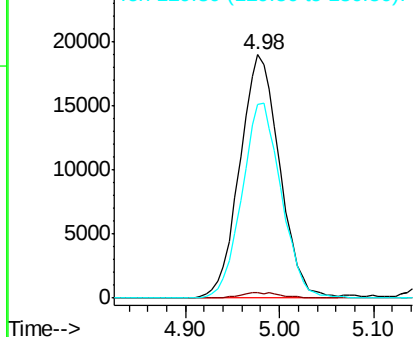


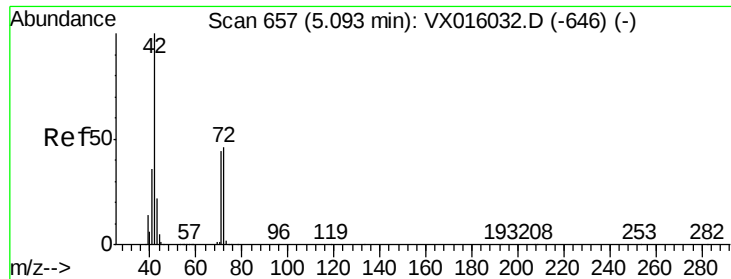
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

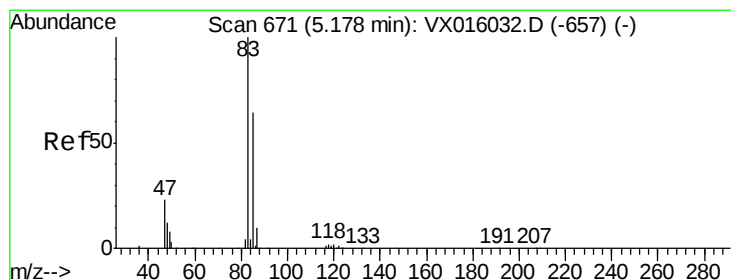
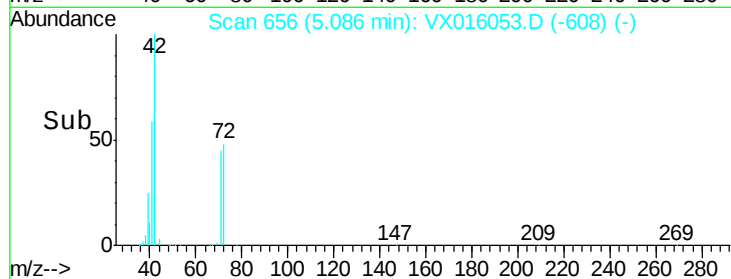
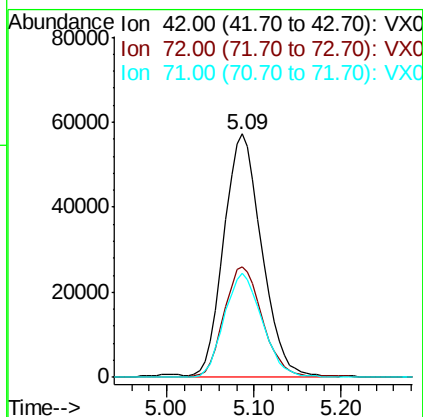
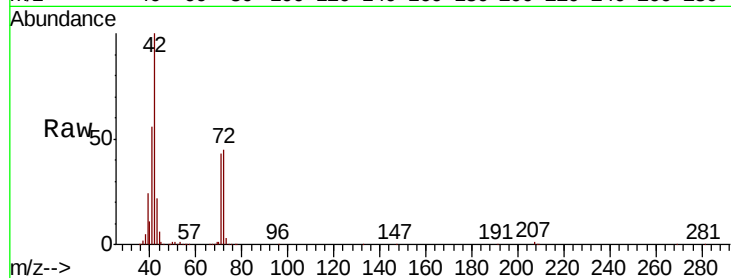




#29
Tetrahydrofuran
Concen: 83.166 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

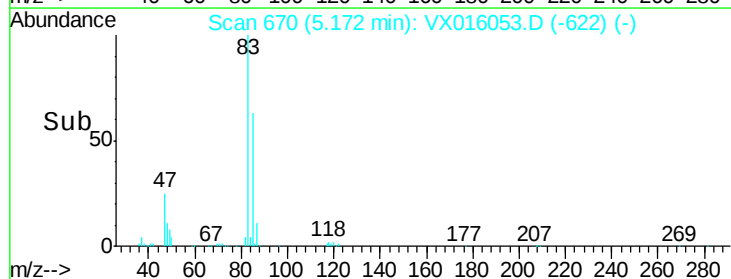
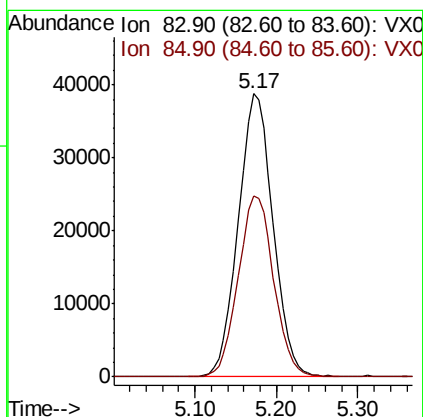
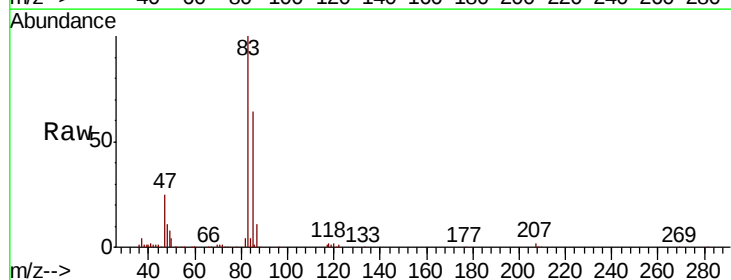
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

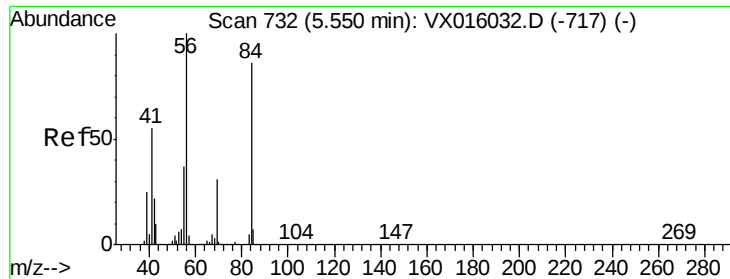
Tot Ion: 42 Resp: 171633
Ion Ratio Lower Upper
42 100
72 46.9 37.1 55.7
71 43.3 34.5 51.7



#30
Chloroform
Concen: 17.432 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion: 83 Resp: 114932
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4

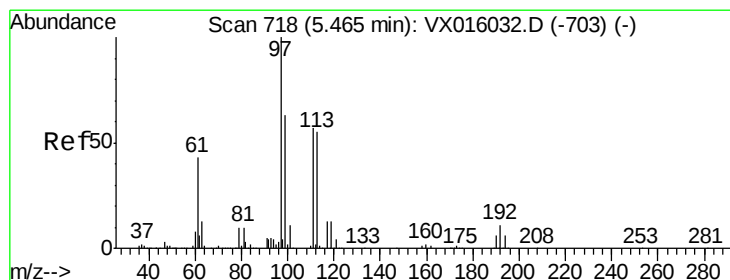
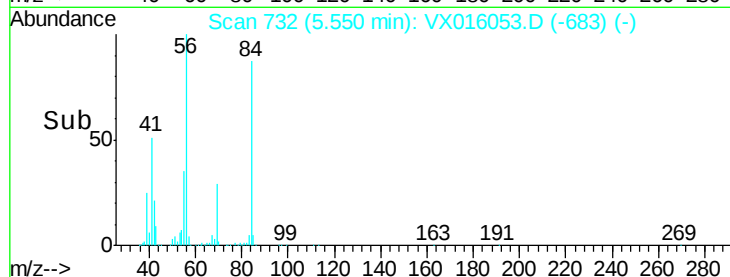
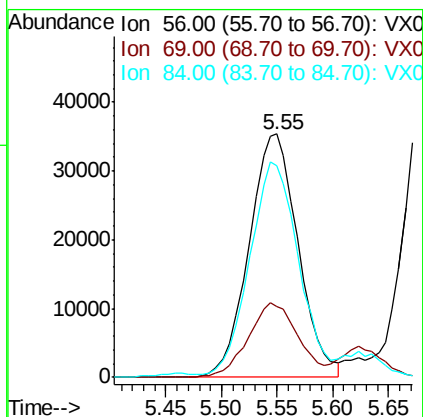
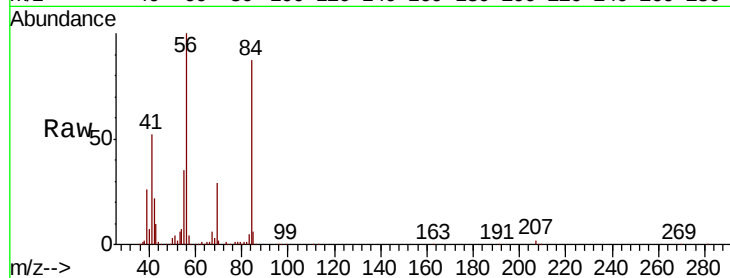




#31
Cyclohexane
Concen: 18.018 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

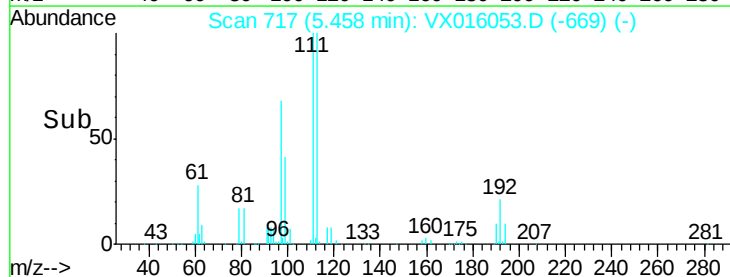
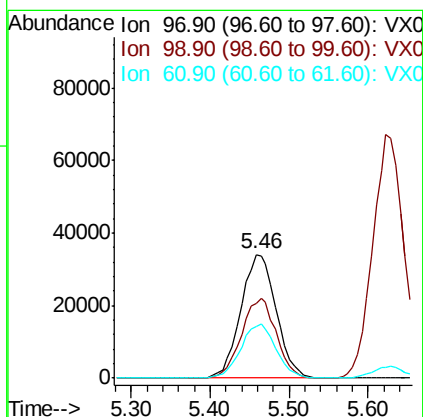
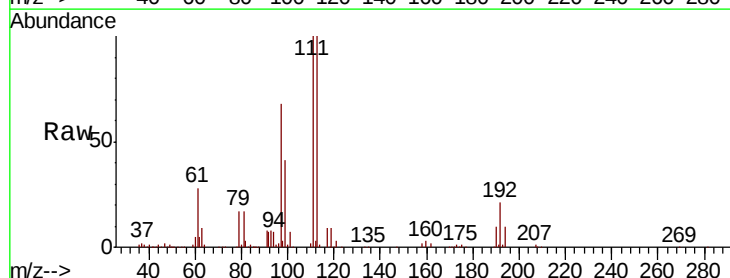
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion: 56 Resp: 108432
Ion Ratio Lower Upper
56 100
69 29.3 25.0 37.6
84 85.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.685 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion: 97 Resp: 105982
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 43.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.594 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

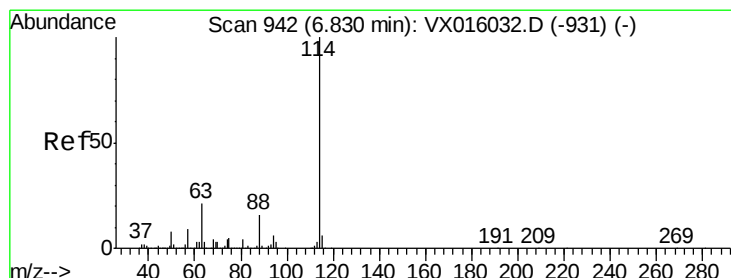
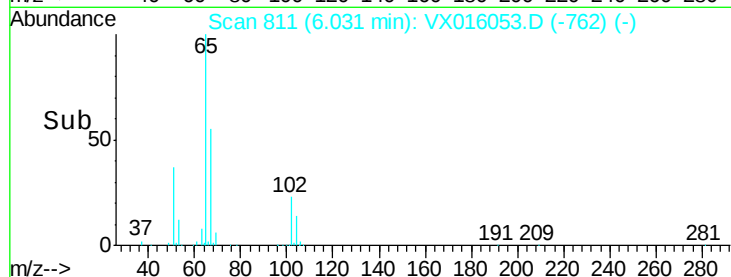
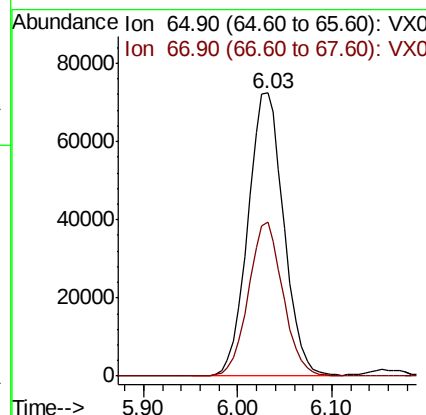
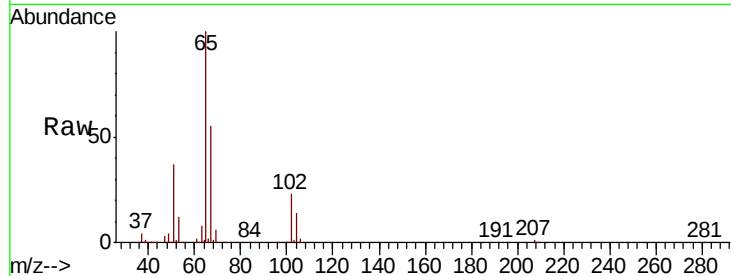
VX0505WBS01

Tot Ion: 65 Resp: 193176

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

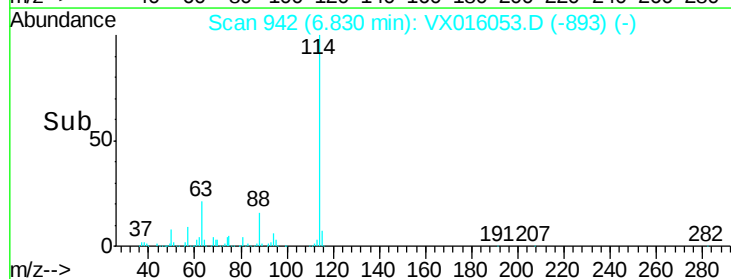
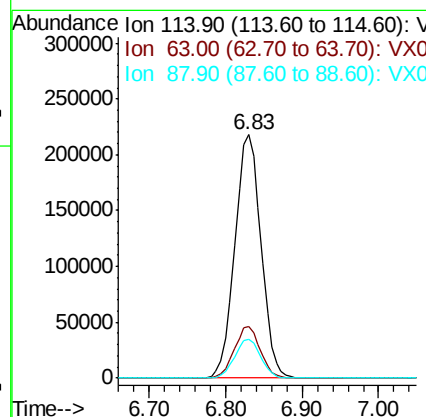
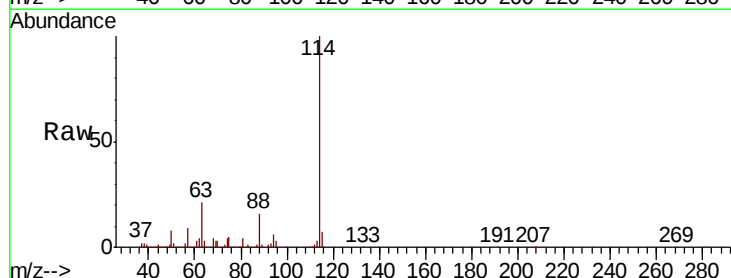
Tgt Ion: 114 Resp: 516182

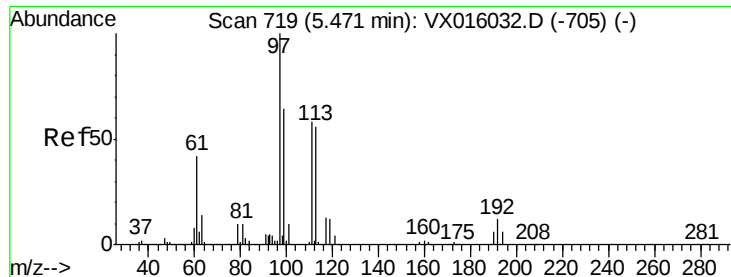
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.352 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

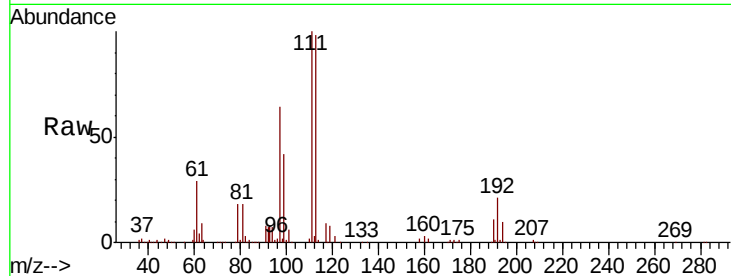
Tot Ion:113 Resp: 148311

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

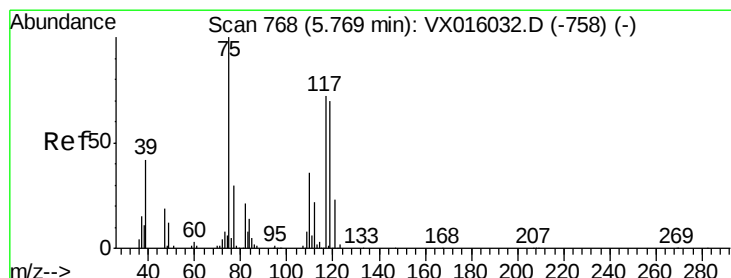
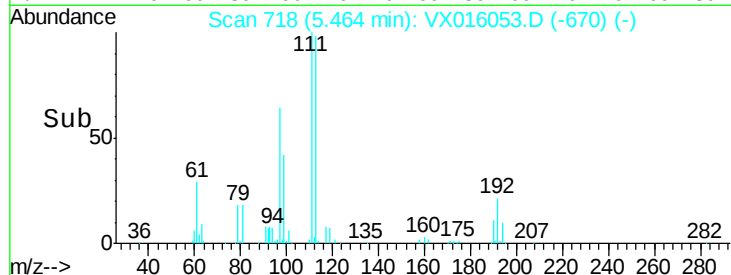
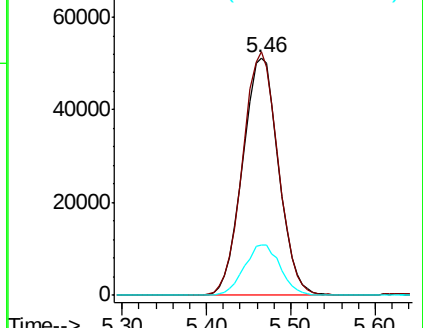
192 21.4 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.675 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

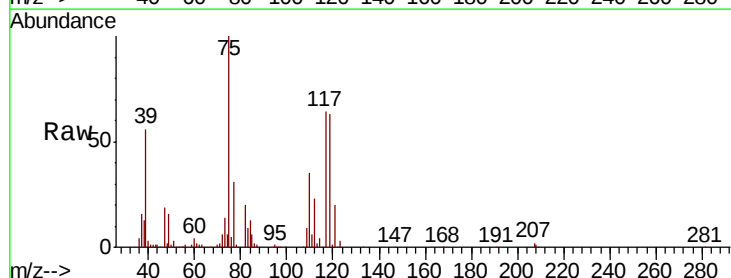
Tgt Ion: 75 Resp: 89810

Ion Ratio Lower Upper

75 100

110 34.9 18.1 54.1

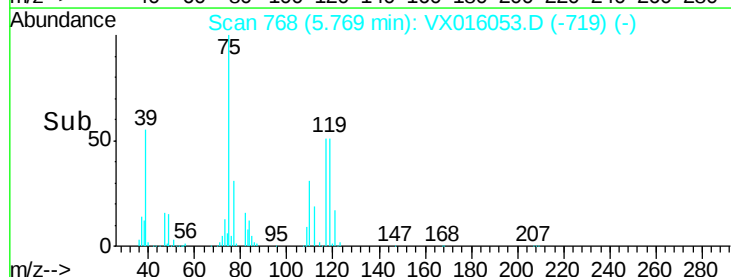
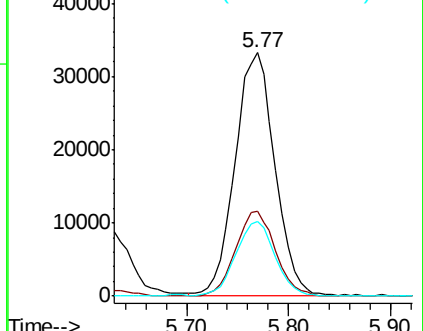
77 30.7 25.0 37.6

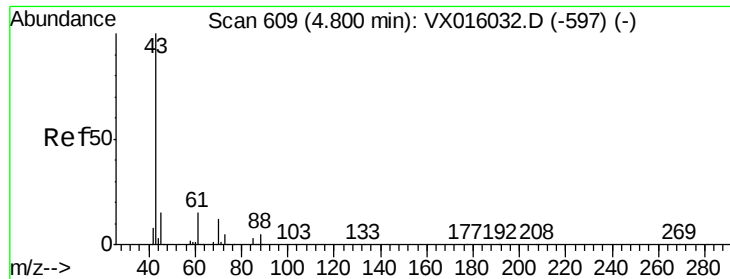


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

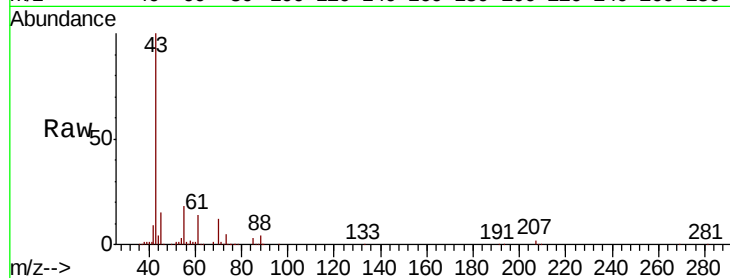




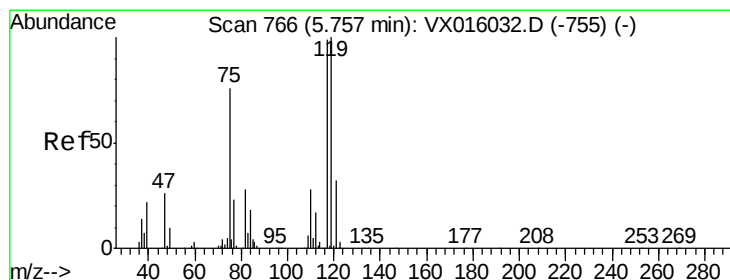
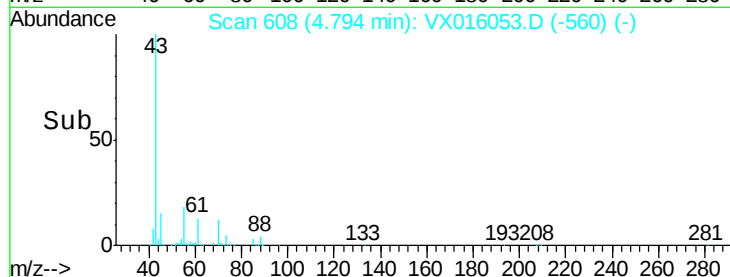
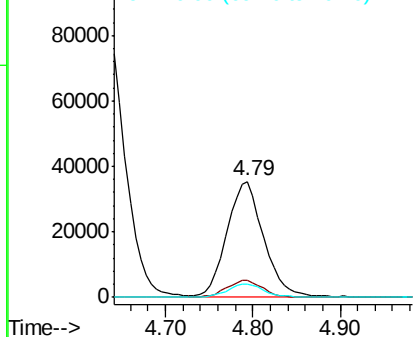
#37
Ethyl Acetate
Concen: 17.337 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion: 43 Resp: 102101
Ion Ratio Lower Upper
43 100
61 14.2 11.7 17.5
70 11.5 9.3 13.9

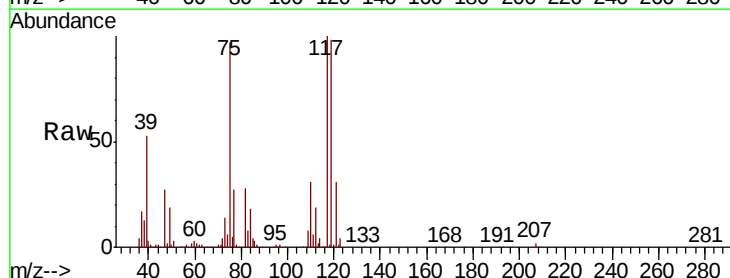


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

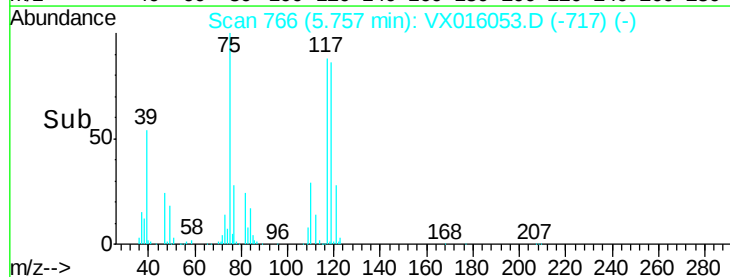
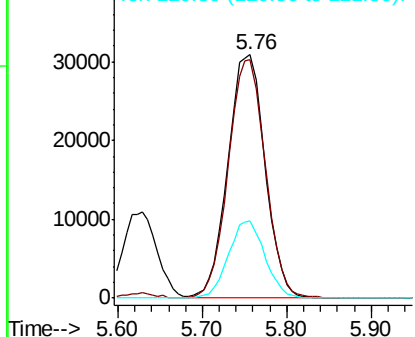


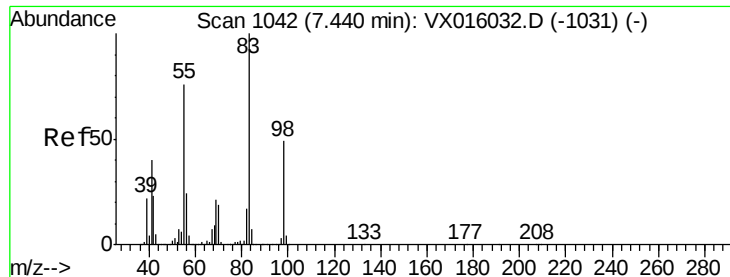
#38
Carbon Tetrachloride
Concen: 17.910 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion: 117 Resp: 92497
Ion Ratio Lower Upper
117 100
119 97.5 80.3 120.5
121 31.5 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

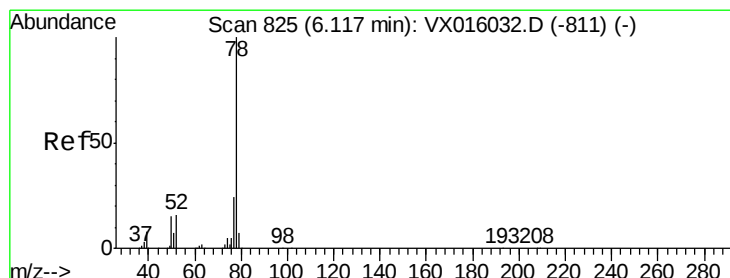
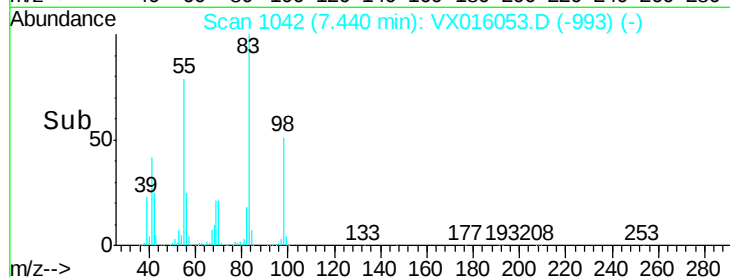
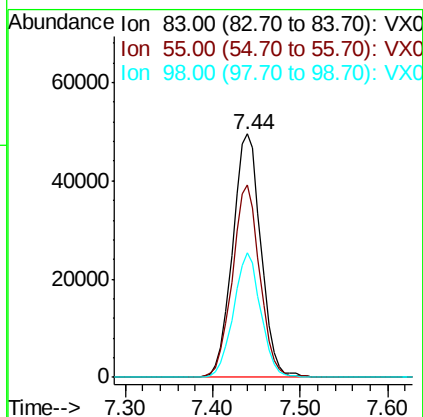
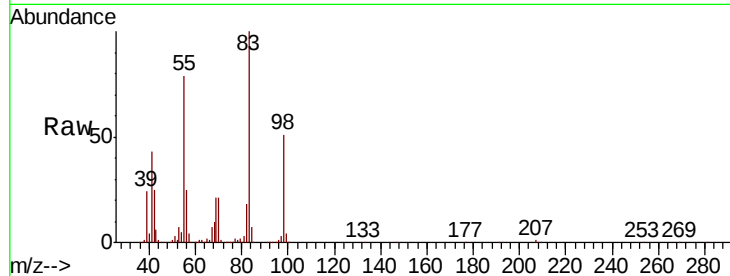




#39
Methvlcvclohexane
Concen: 18.225 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

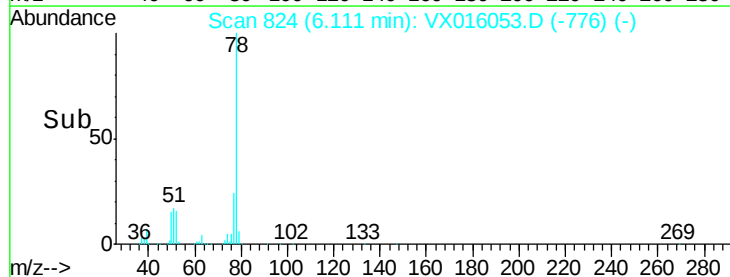
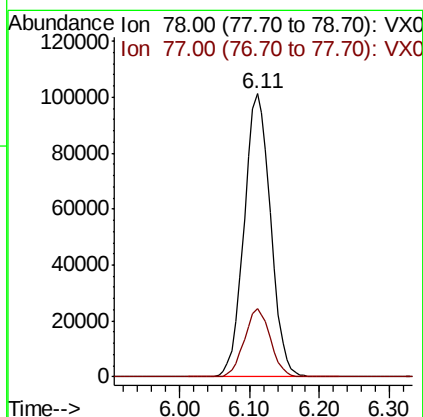
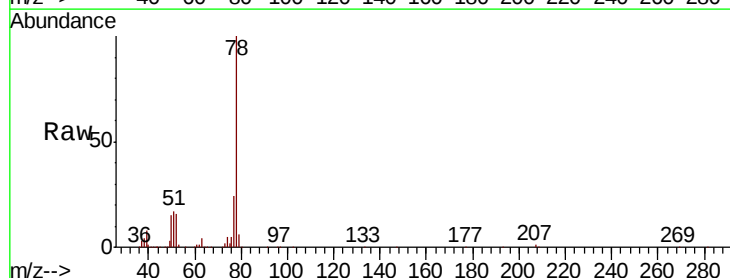
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion: 83 Resp: 111521
Ion Ratio Lower Upper
83 100
55 79.2 61.1 91.7
98 51.0 39.0 58.4



#40
Benzene
Concen: 17.856 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion: 78 Resp: 265472
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

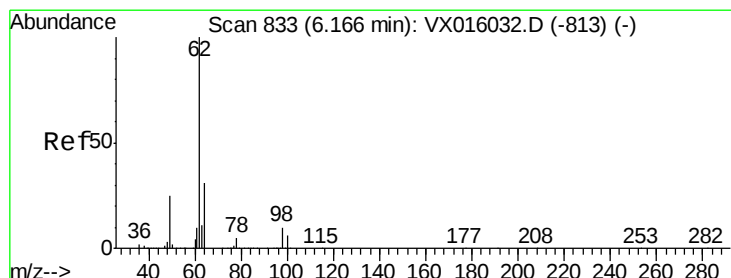
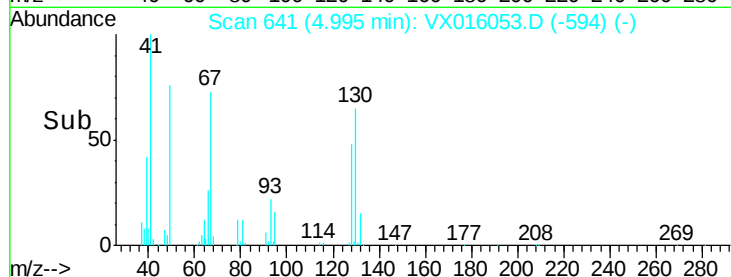
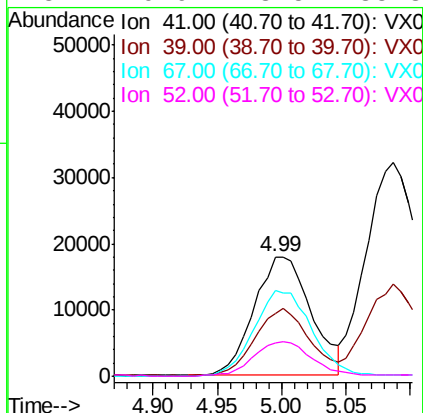
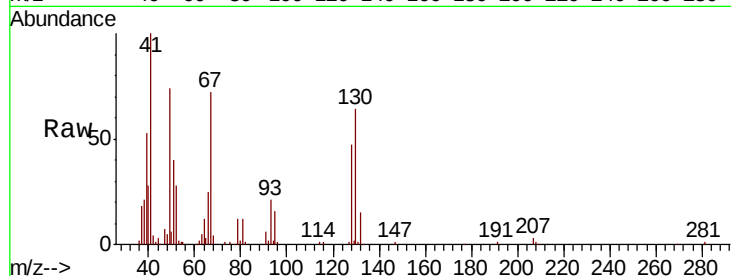




#41
Methacrylonitrile
Concen: 17.376 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

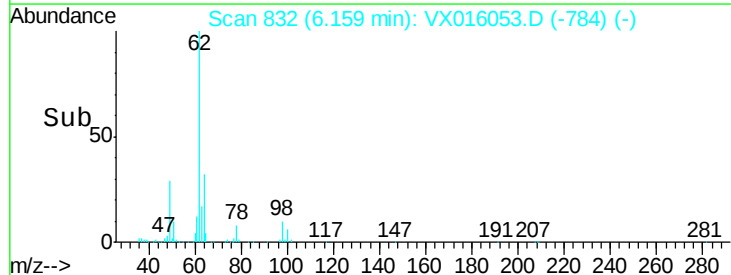
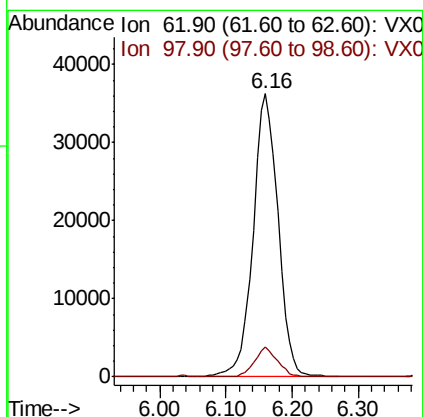
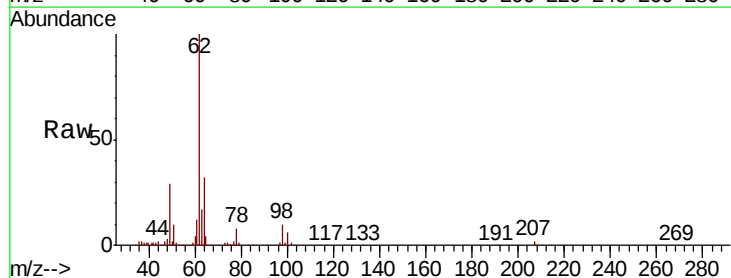
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion:	41	Resp:	55263
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.2	64.8
67	73.5	59.3	88.9
52	29.9	23.5	35.3



#42
1,2-Dichloroethane
Concen: 17.838 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion:	62	Resp:	95534
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4



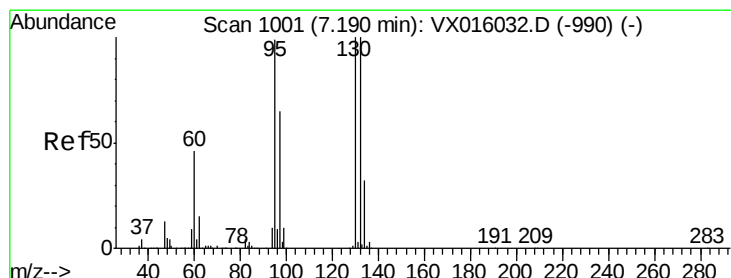
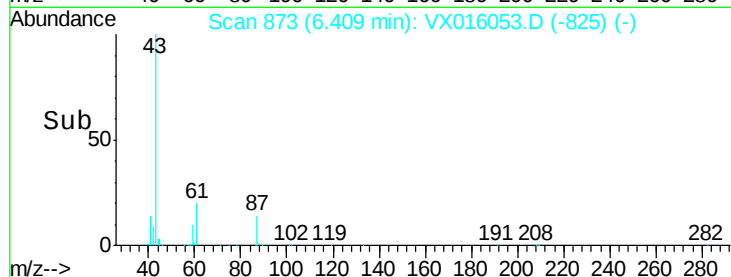
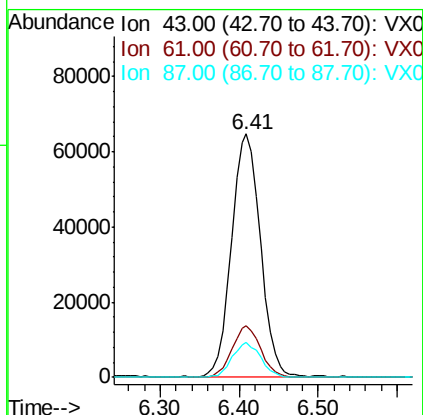
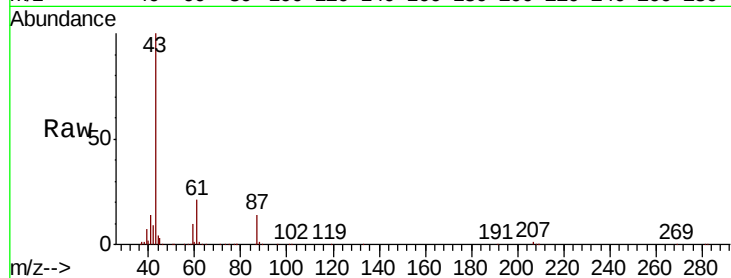


#43

Isopropyl Acetate
 Concen: 17.415 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

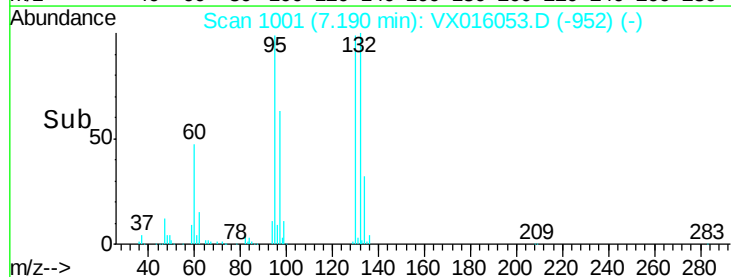
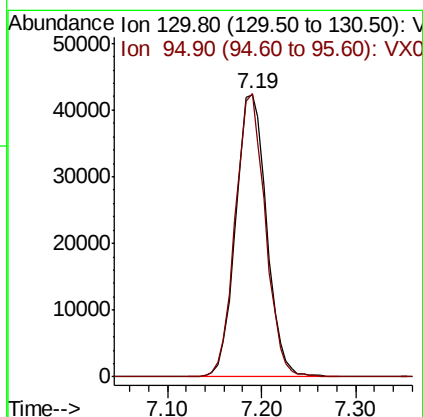
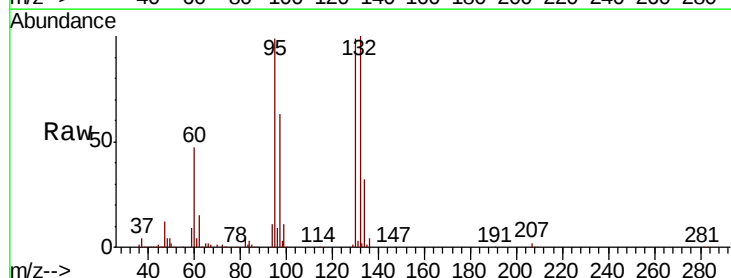
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	14.1	11.0	16.6



#44

Trichloroethene
 Concen: 18.284 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	197.4





#45

1,2-Dichloropropane

Concen: 17.958 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

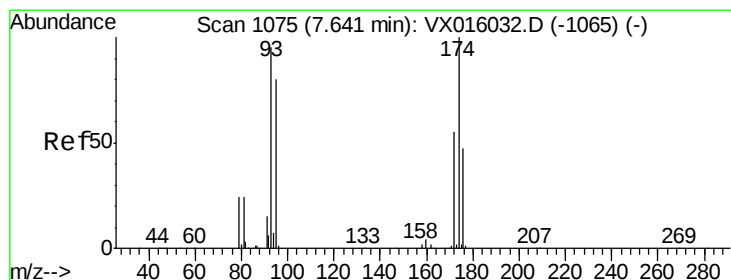
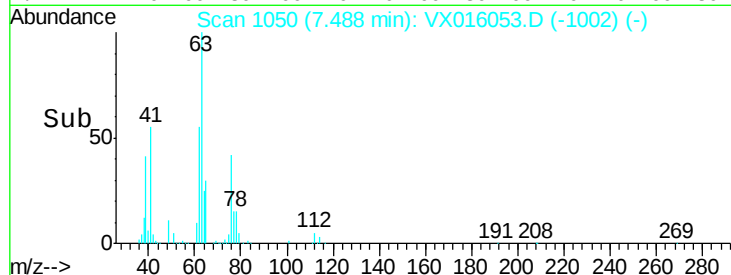
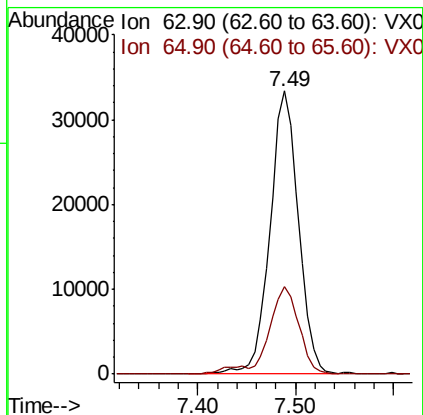
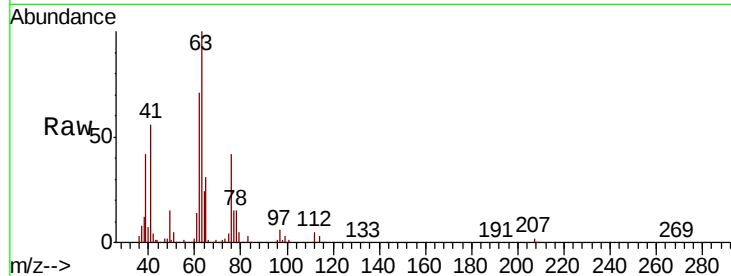
VX0505WBS01

Tot Ion: 63 Resp: 67554

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 17.906 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

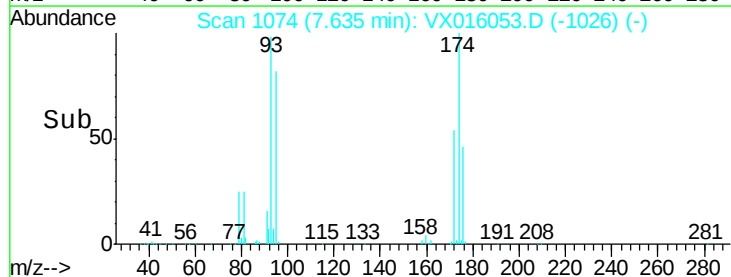
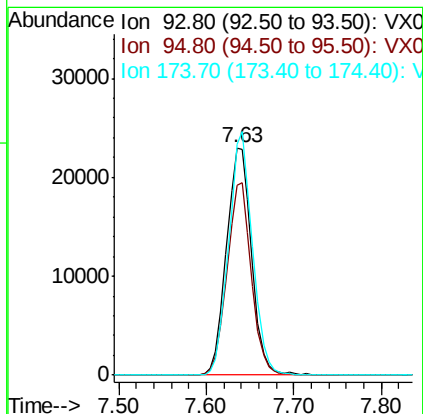
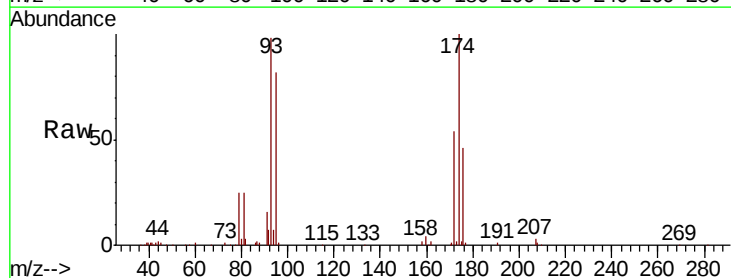
Tgt Ion: 93 Resp: 45775

Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 101.7 84.2 126.4





#47

Bromodichloromethane

Concen: 17.769 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

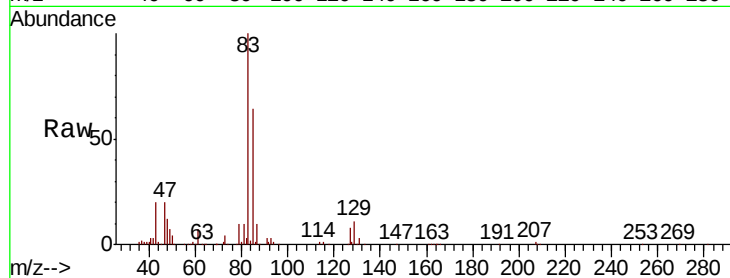
Tot Ion: 83 Resp: 92515

Ion Ratio Lower Upper

83 100

85 64.1 50.5 75.7

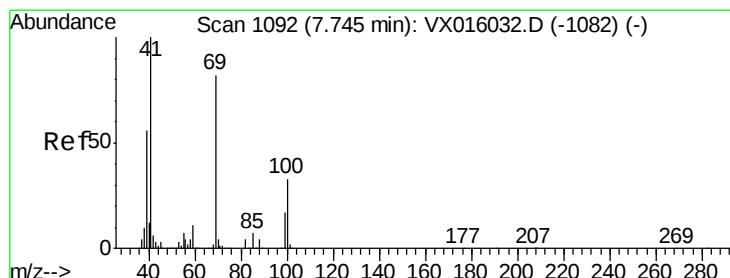
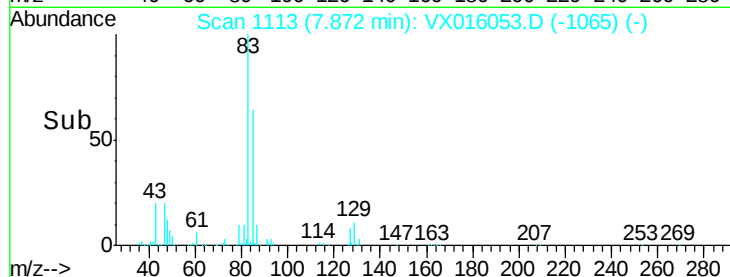
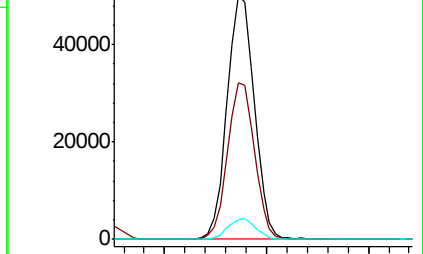
127 8.2 6.7 10.1



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: 16.949 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

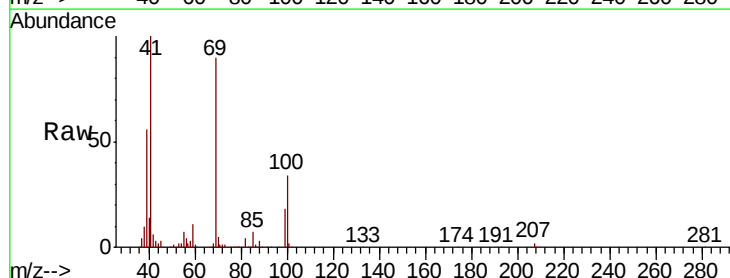
Tgt Ion: 41 Resp: 75463

Ion Ratio Lower Upper

41 100

69 86.4 67.8 101.6

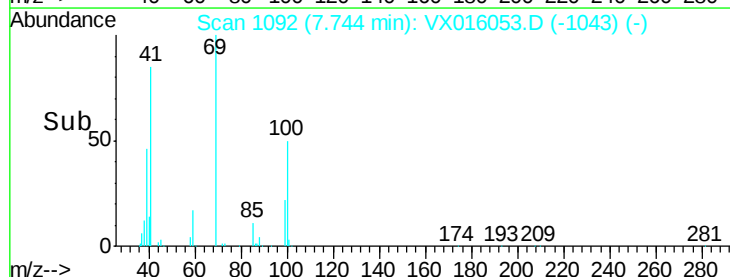
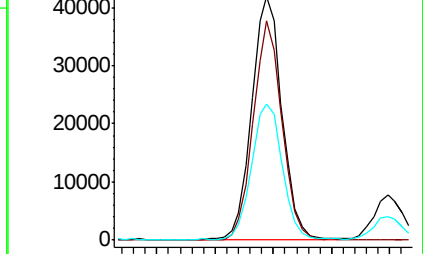
39 57.1 44.6 67.0

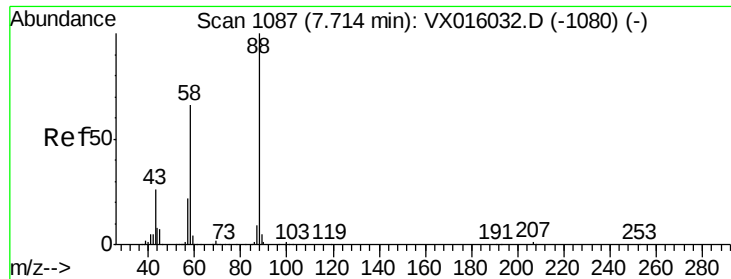


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

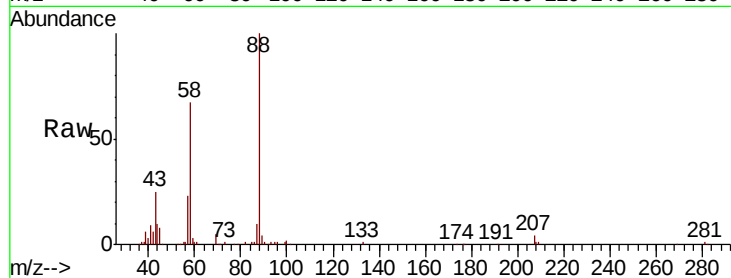




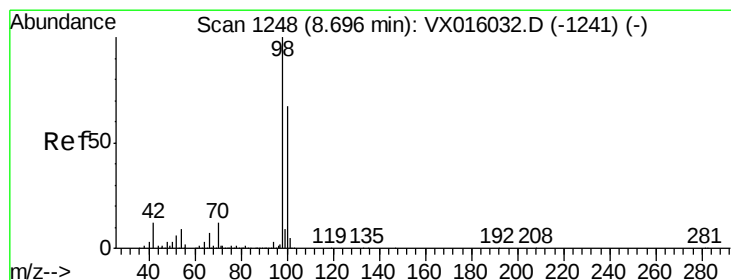
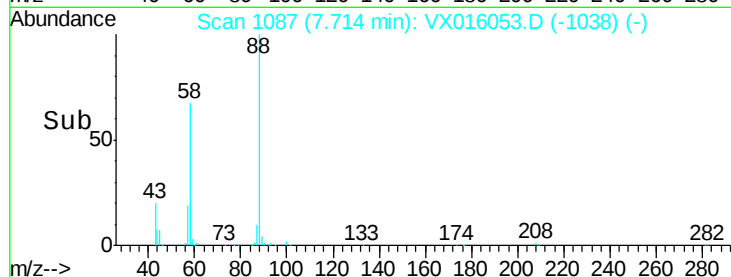
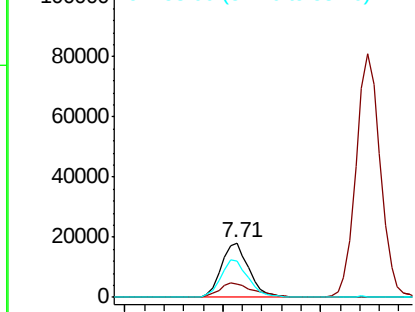
#49
 1,4-Dioxane
 Concen: 329.863 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tot Ion: 88 Resp: 35224
 Ion Ratio Lower Upper
 88 100
 43 30.9 25.3 37.9
 58 70.4 55.9 83.9

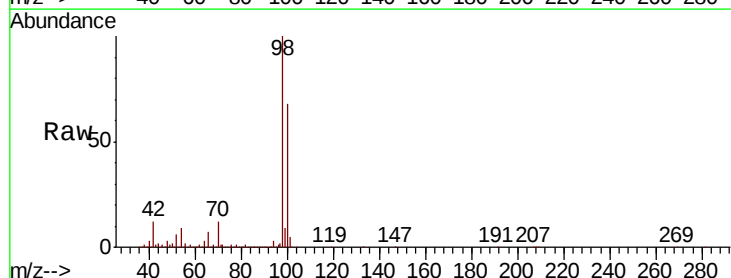


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

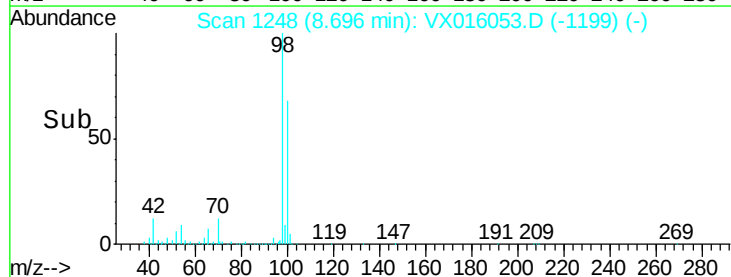
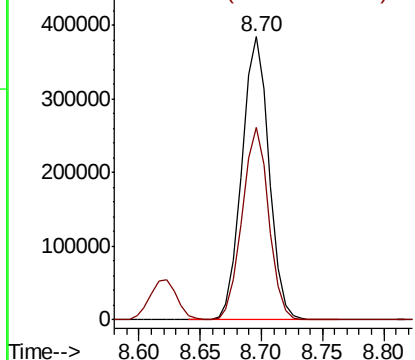


#50
 Toluene-d8
 Concen: 46.874 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion: 98 Resp: 590633
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.7 80.5



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





#51

4-Methyl-2-Pentanone

Concen: 86.685 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

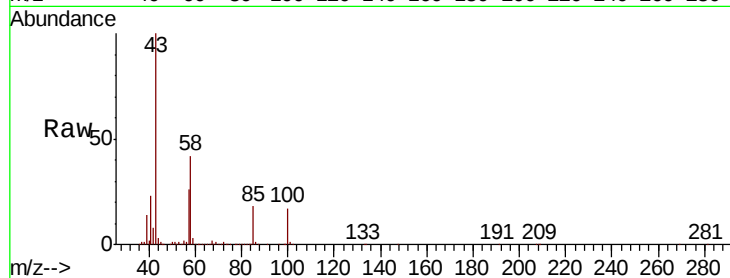
VX0505WBS01

Tot Ion: 43 Resp: 498436

Ion Ratio Lower Upper

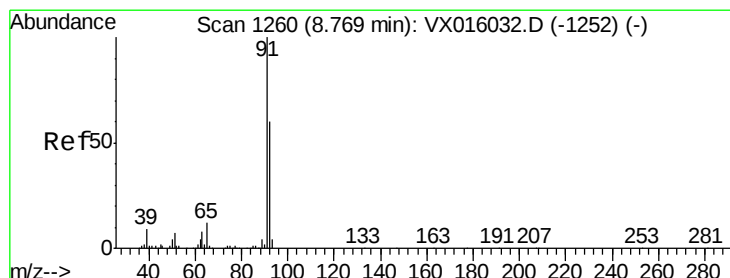
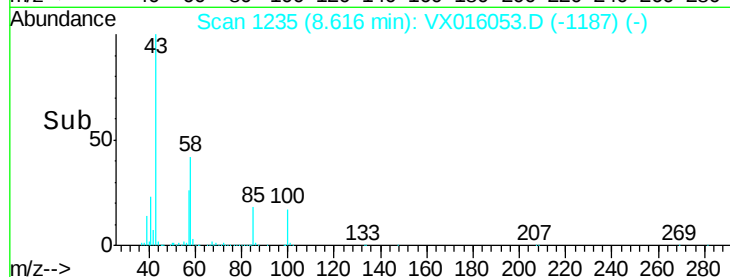
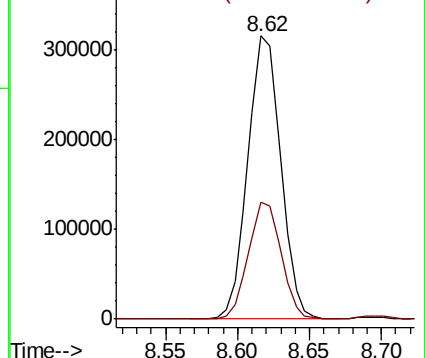
43 100

58 41.2 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.089 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016053.D

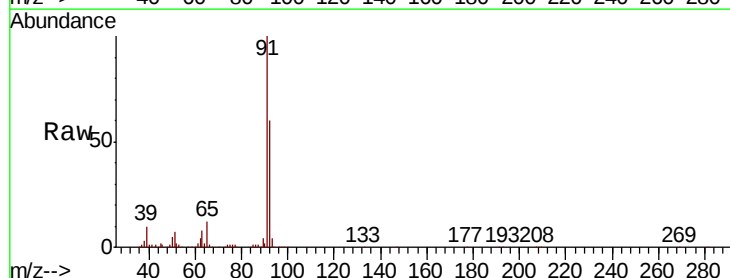
Acq: 05 May 2020 11:10

Tgt Ion: 92 Resp: 167628

Ion Ratio Lower Upper

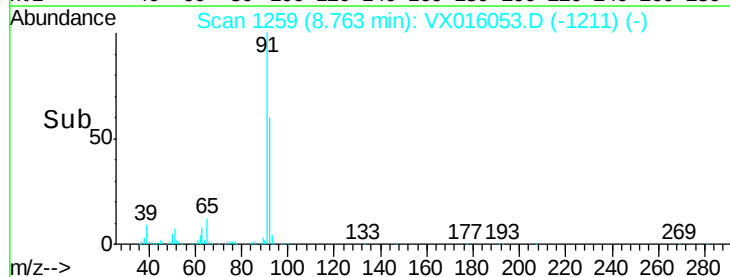
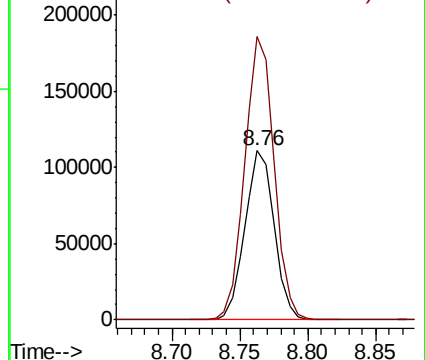
92 100

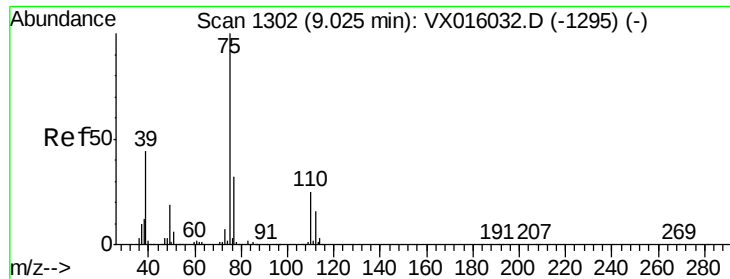
91 168.0 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

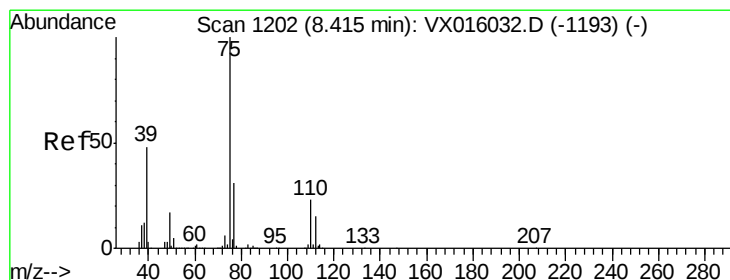
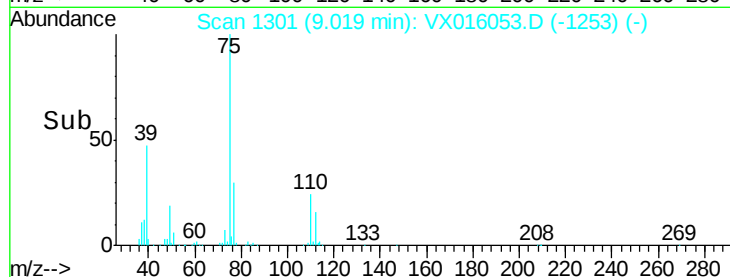
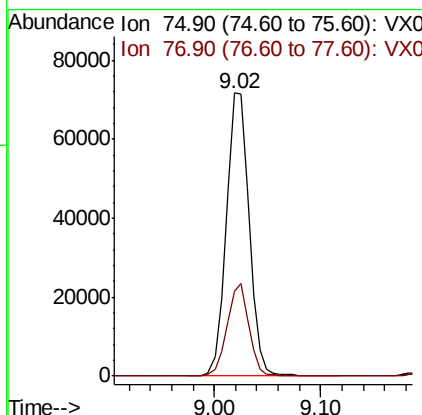
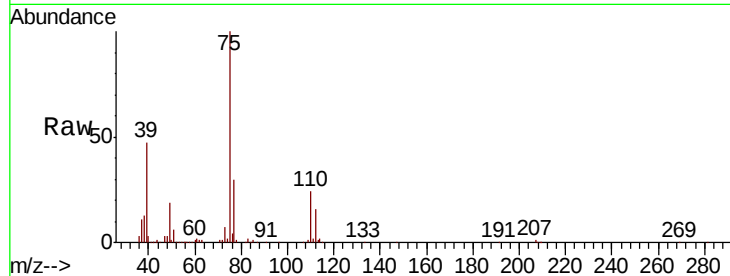




#53
 t-1,3-Dichloropropene
 Concen: 17.434 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

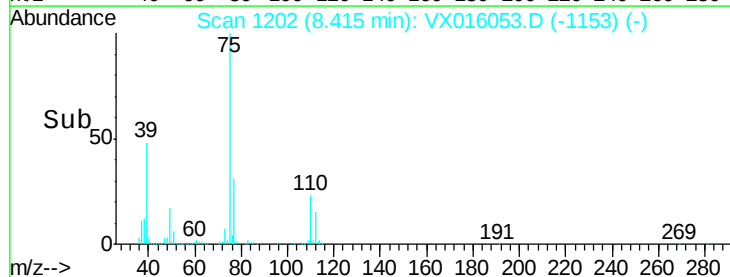
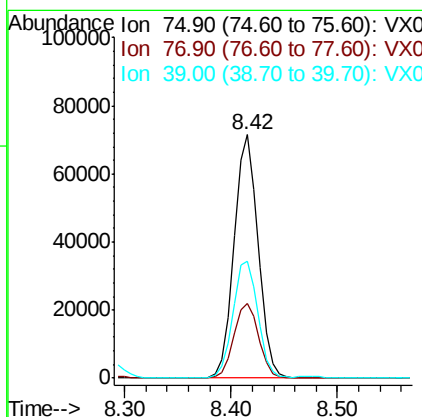
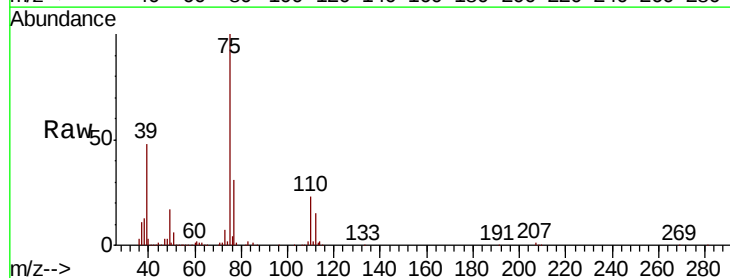
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

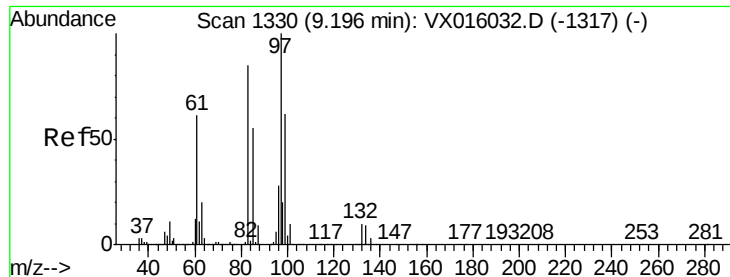
Tot Ion: 75 Resp: 108229
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 17.514 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion: 75 Resp: 113563
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 47.8 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 17.858 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 97 Resp: 65108

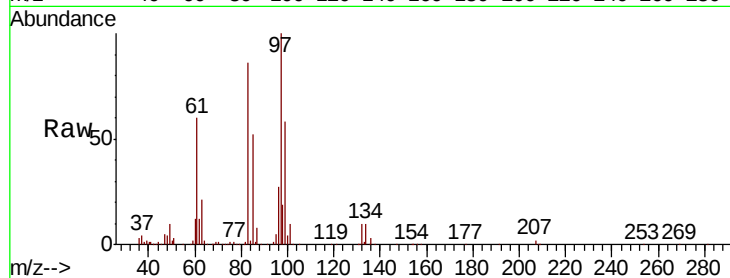
Ion Ratio Lower Upper

97 100

83 85.9 67.8 101.8

85 51.6 43.8 65.8

99 57.9 49.4 74.0

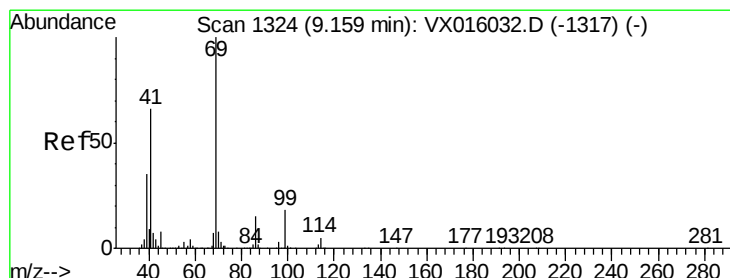
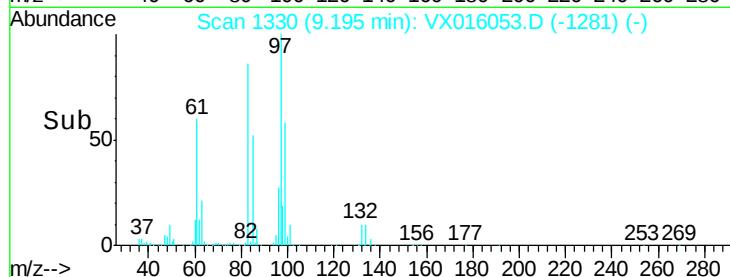
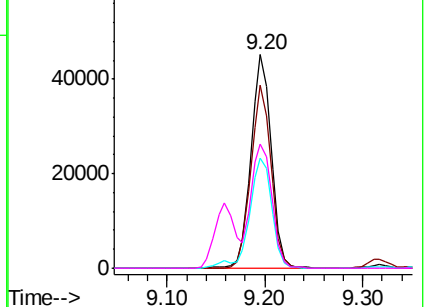


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.645 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

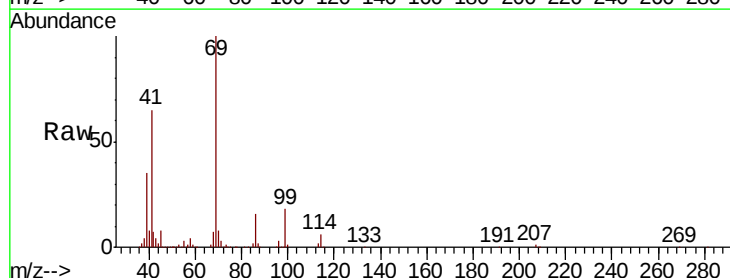
Tgt Ion: 69 Resp: 105010

Ion Ratio Lower Upper

69 100

41 64.9 52.2 78.4

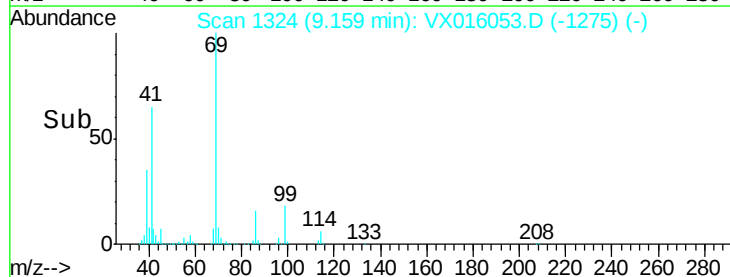
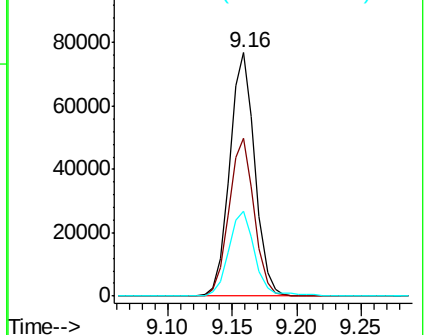
39 36.0 28.2 42.4

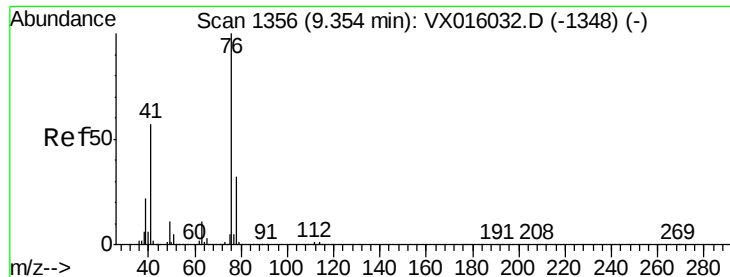


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.684 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

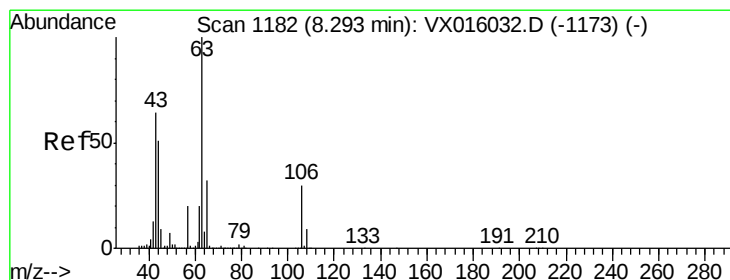
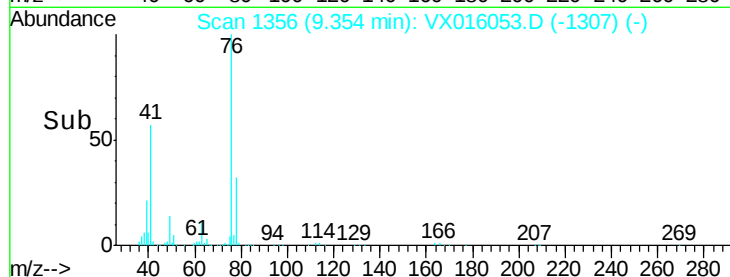
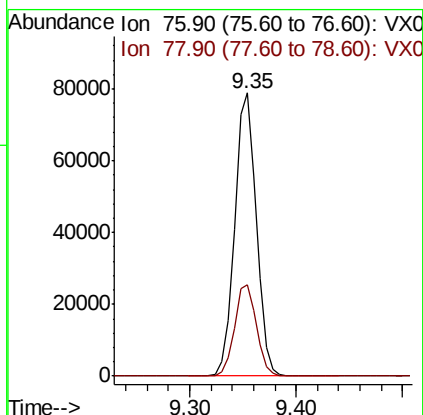
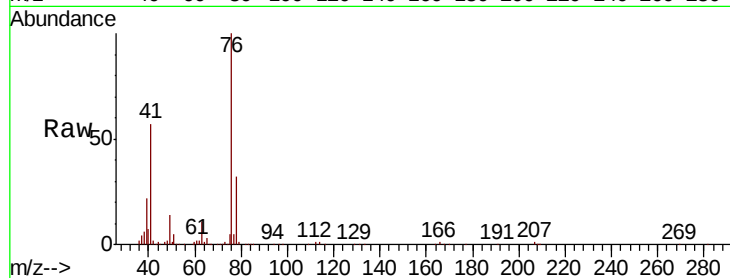
VX0505WBS01

Tot Ion: 76 Resp: 112499

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 88.548 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016053.D

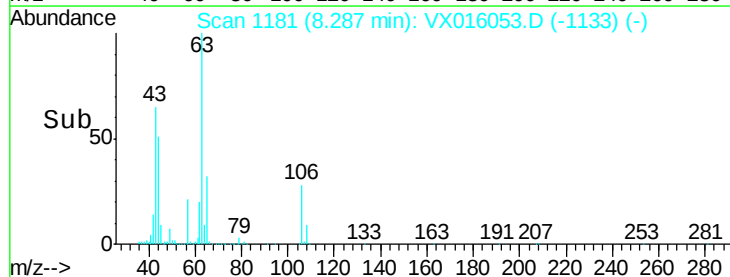
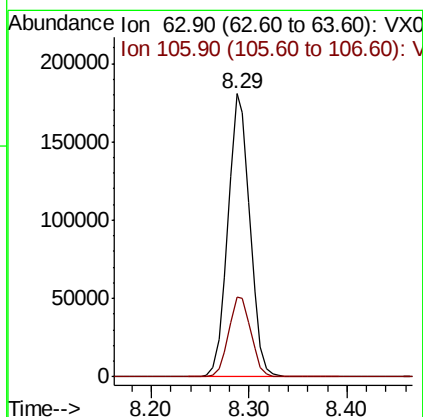
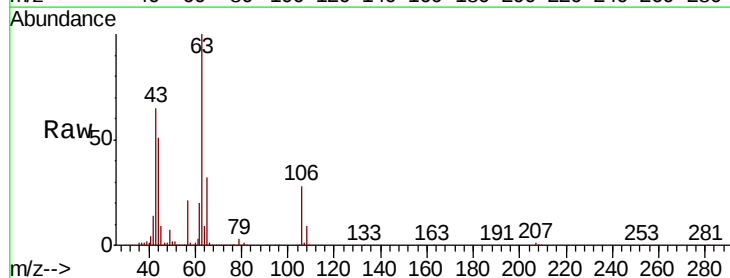
Acq: 05 May 2020 11:10

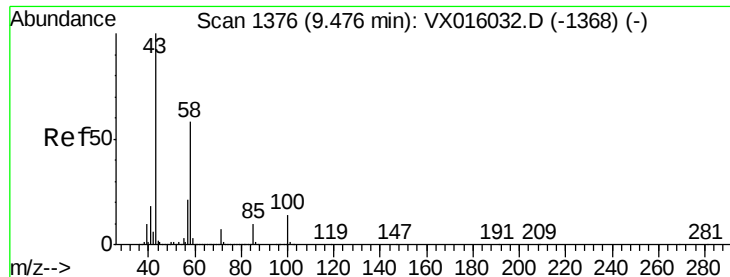
Tgt Ion: 63 Resp: 280547

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2

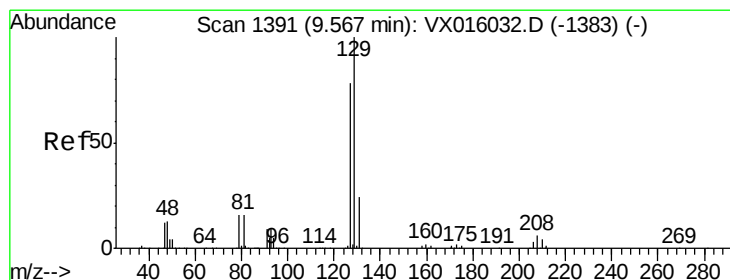
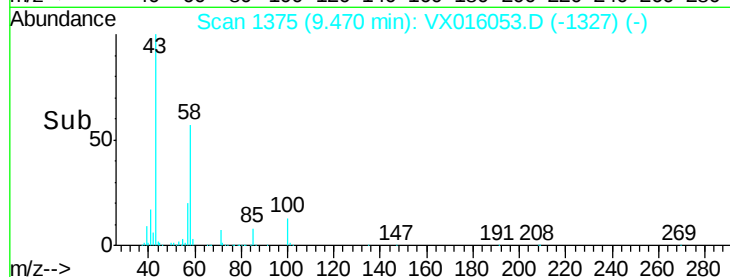
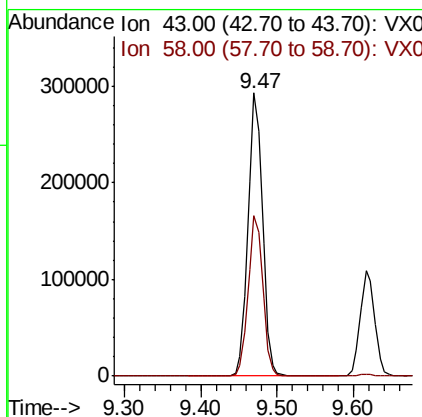
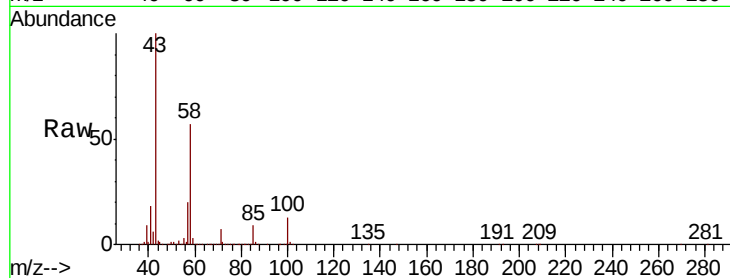




#59
2-Hexanone
Concen: 85.728 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

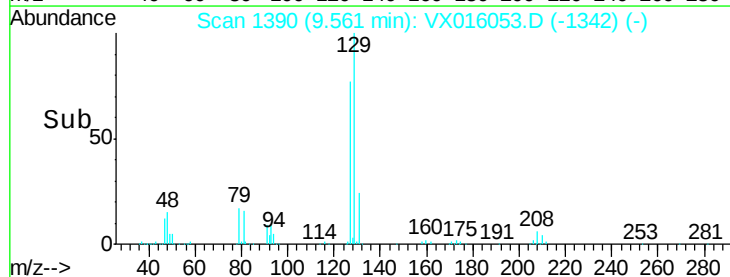
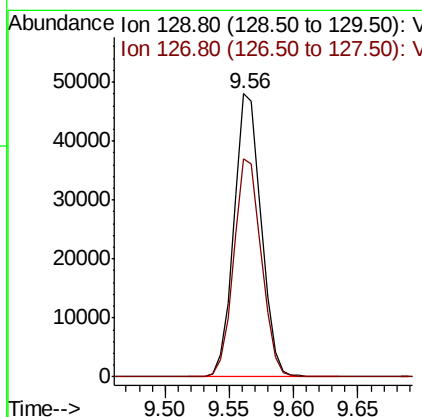
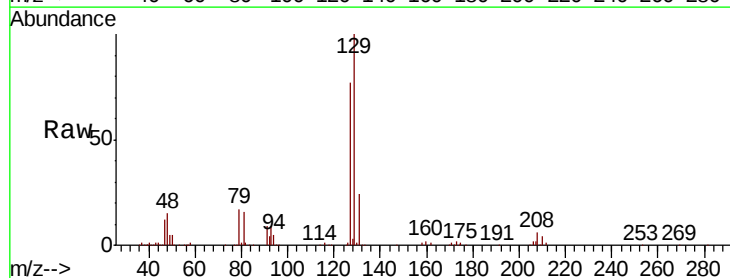
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

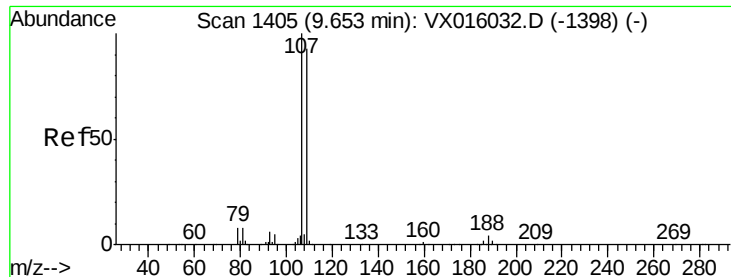
Tot Ion: 43 Resp: 387115
Ion Ratio Lower Upper
43 100
58 56.9 28.6 85.9



#60
Dibromochloromethane
Concen: 17.569 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion: 129 Resp: 70549
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 17.300 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

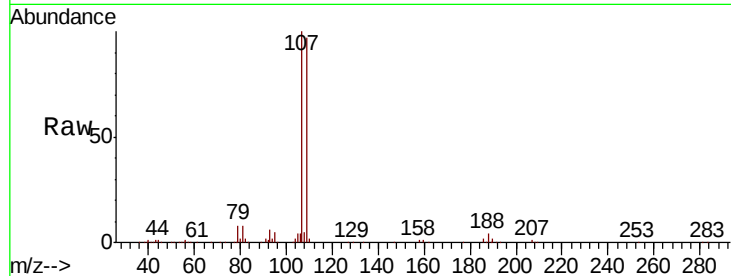
VX0505WBS01

Tot Ion:107 Resp: 68320

Ion Ratio Lower Upper

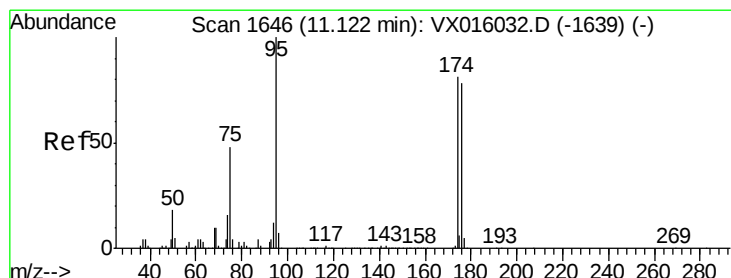
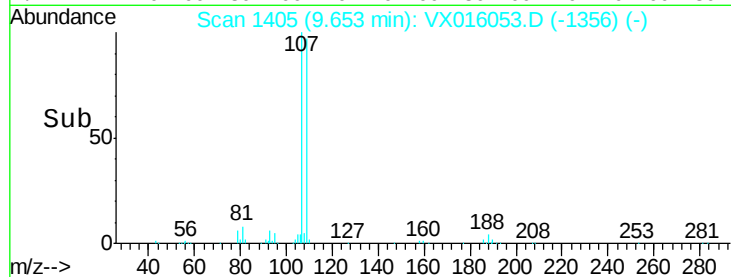
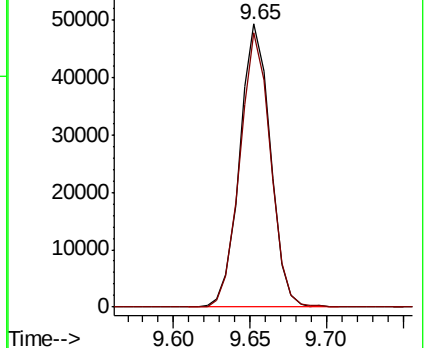
107 100

109 96.9 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.717 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

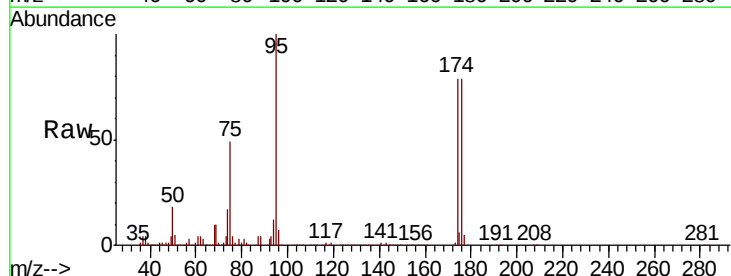
Tgt Ion: 95 Resp: 219102

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.4

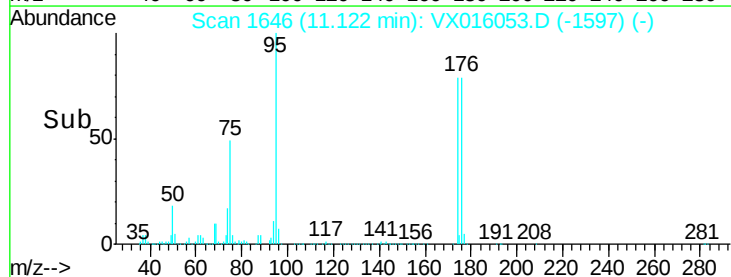
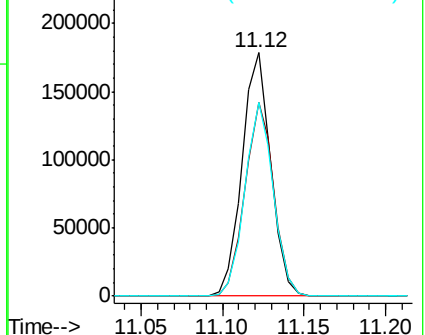
176 78.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

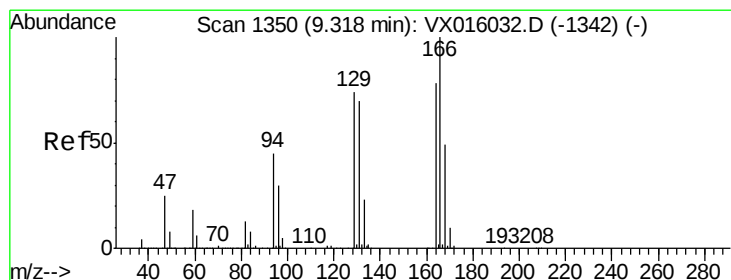
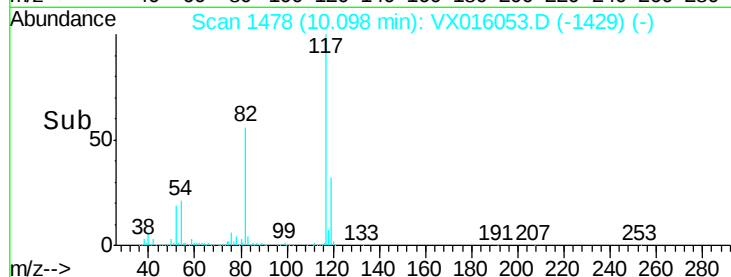
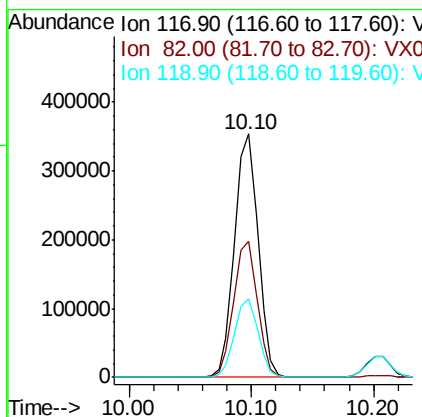
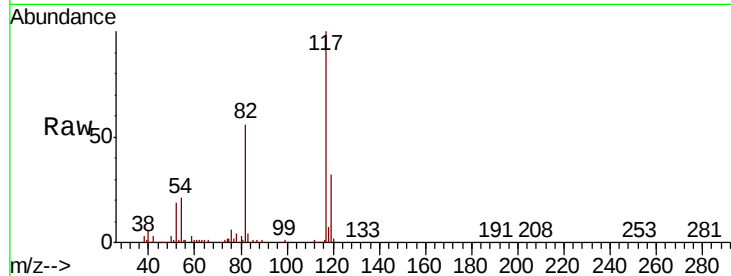




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

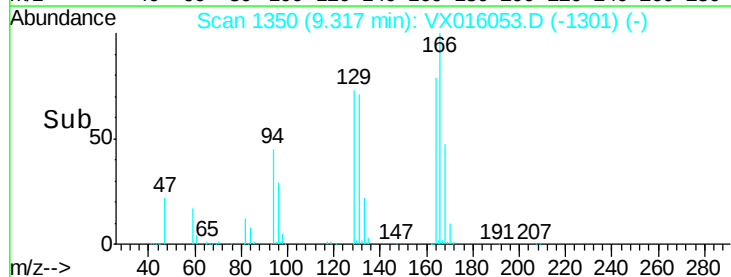
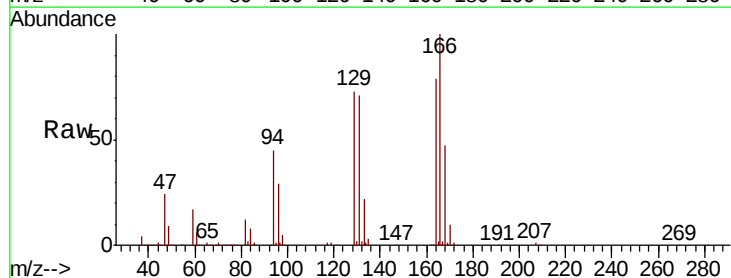
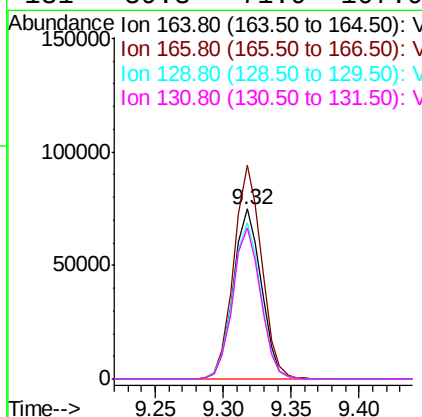
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

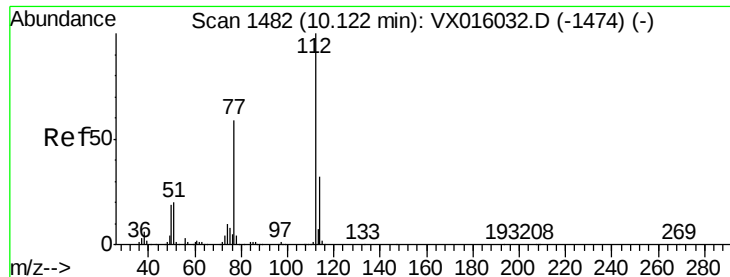
Tot Ion:117 Resp: 471175
Ion Ratio Lower Upper
117 100
82 55.7 44.4 66.6
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 18.673 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion:164 Resp: 108009
Ion Ratio Lower Upper
164 100
166 125.8 102.9 154.3
129 91.8 76.1 114.1
131 89.3 71.9 107.9





#65

Chlorobenzene

Concen: 18.086 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

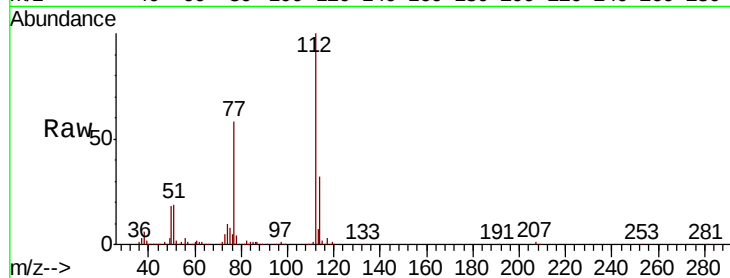
VX0505WBS01

Tot Ion:112 Resp: 178436

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

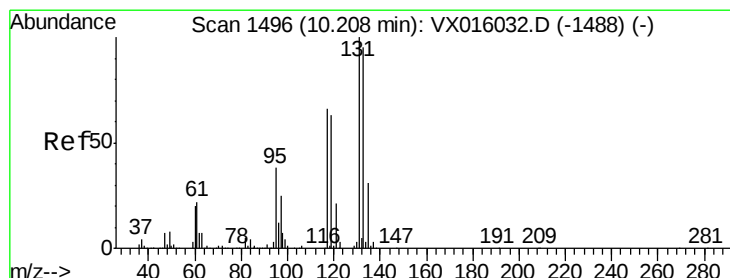
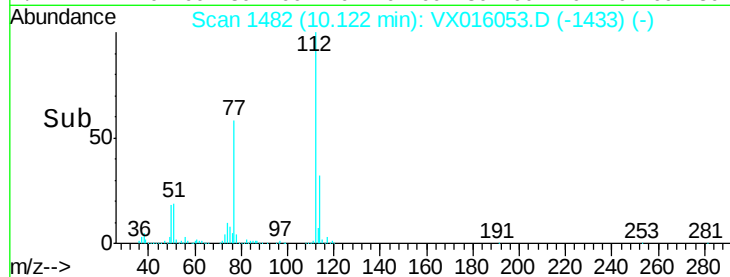
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.818 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

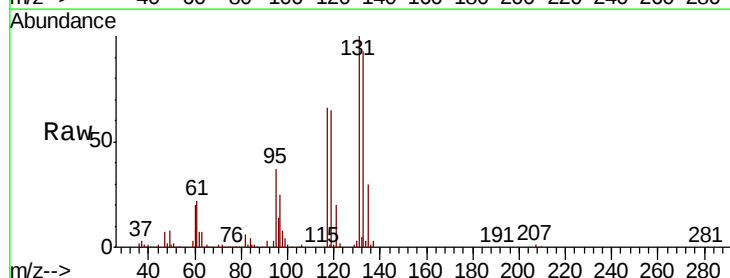
Tgt Ion:131 Resp: 64973

Ion Ratio Lower Upper

131 100

133 95.9 48.3 144.8

119 65.7 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

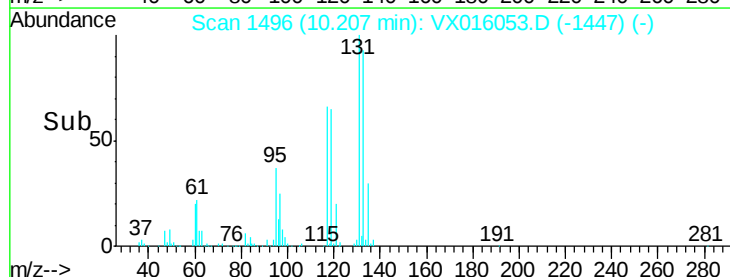
150000

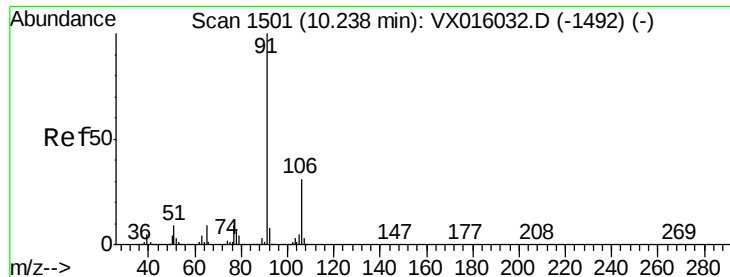
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 18.182 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

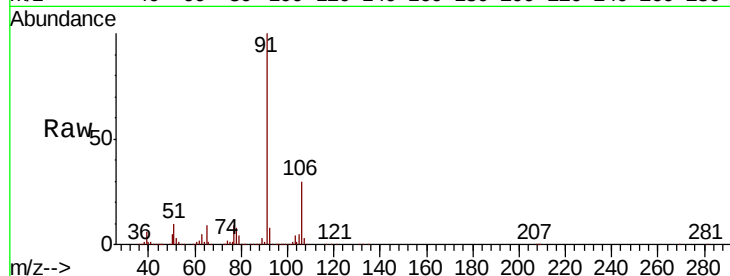
VX0505WBS01

Tot Ion: 91 Resp: 320063

Ion Ratio Lower Upper

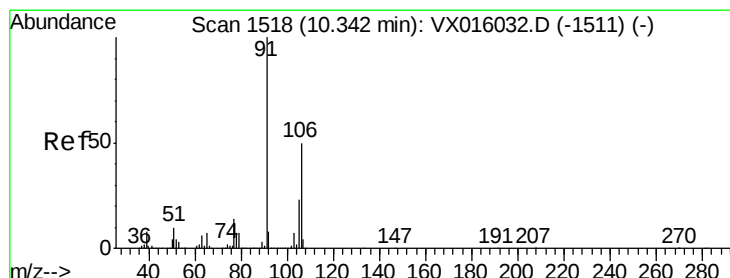
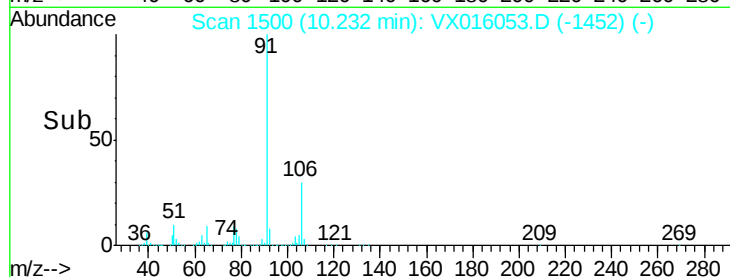
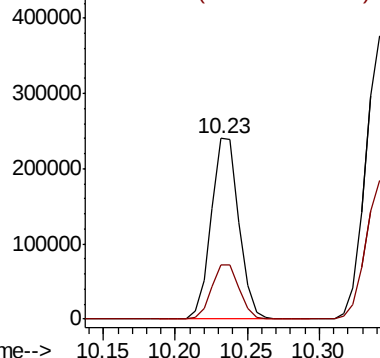
91 100

106 30.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.972 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016053.D

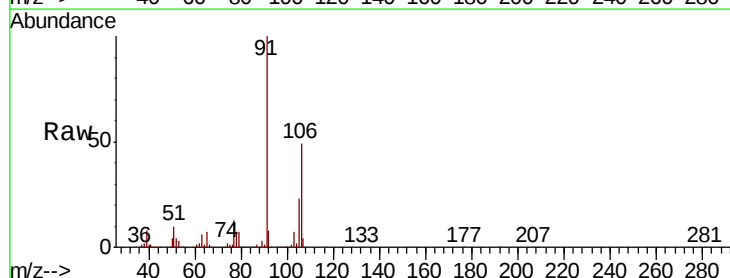
Acq: 05 May 2020 11:10

Tgt Ion: 106 Resp: 243837

Ion Ratio Lower Upper

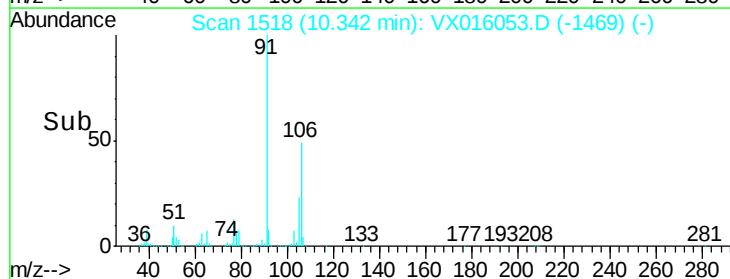
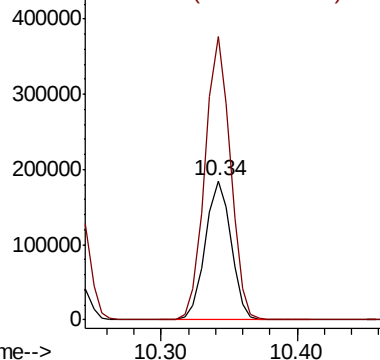
106 100

91 201.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

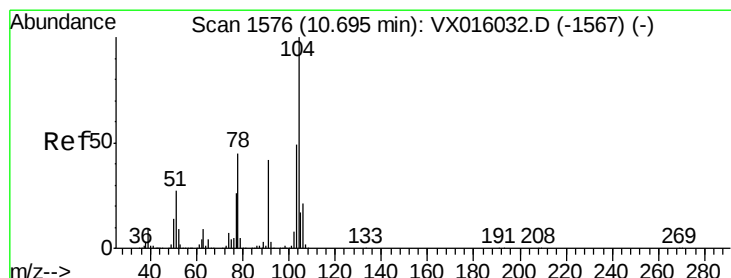
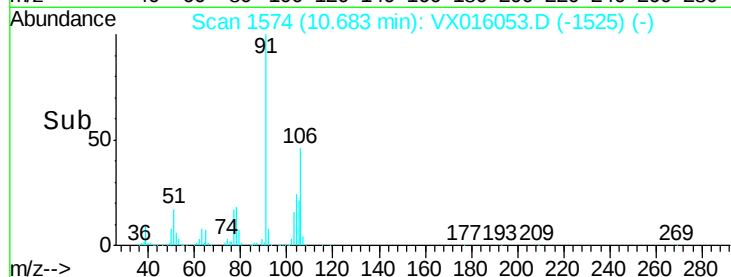
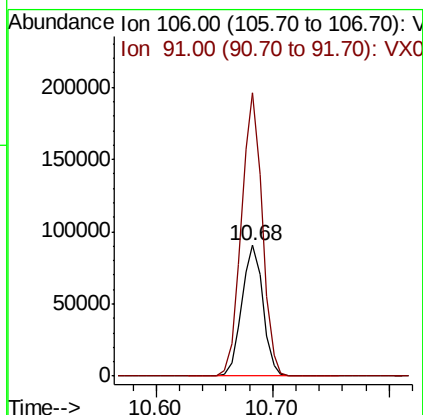
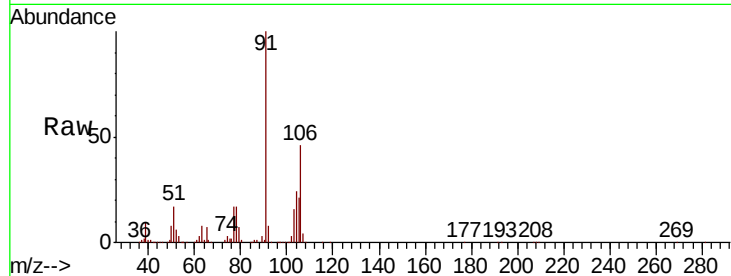




#69
o-Xylene
Concen: 18.236 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

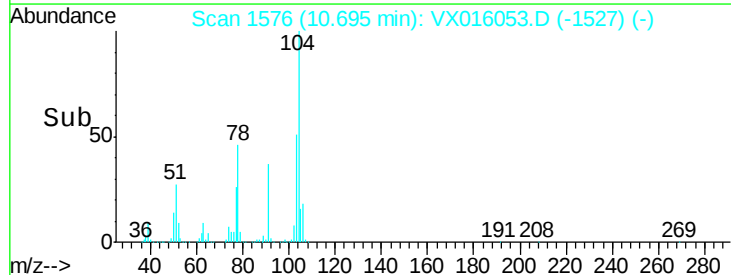
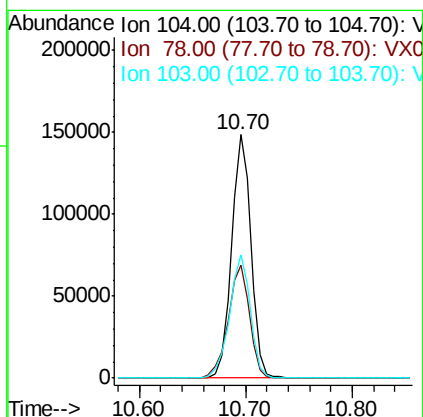
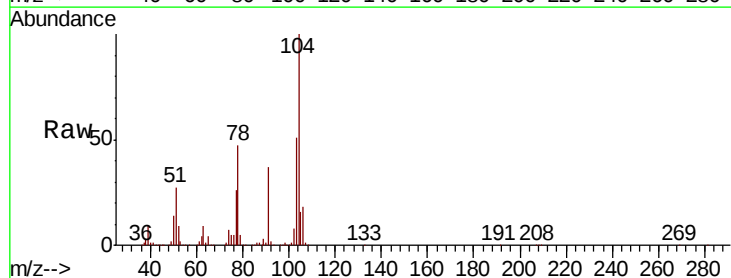
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

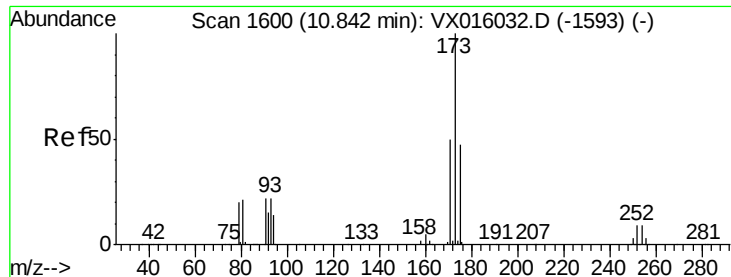
Tot Ion:106 Resp: 115609
Ion Ratio Lower Upper
106 100
91 212.5 107.5 322.6



#70
Styrene
Concen: 17.648 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion:104 Resp: 189808
Ion Ratio Lower Upper
104 100
78 51.3 40.2 60.2
103 54.6 43.0 64.6





#71

Bromoform

Concen: 17.027 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

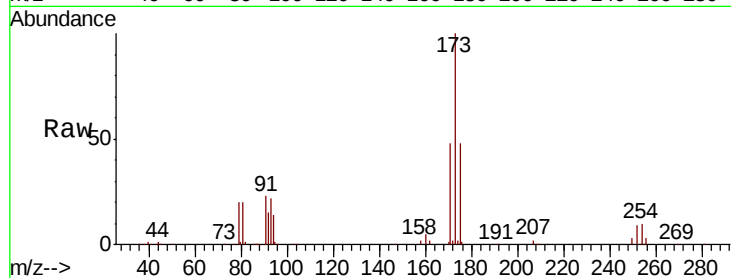
Tot Ion:173 Resp: 50585

Ion Ratio Lower Upper

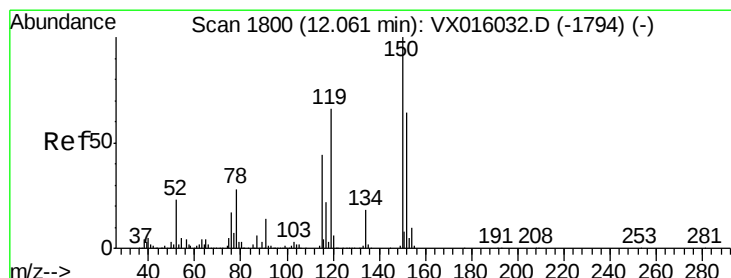
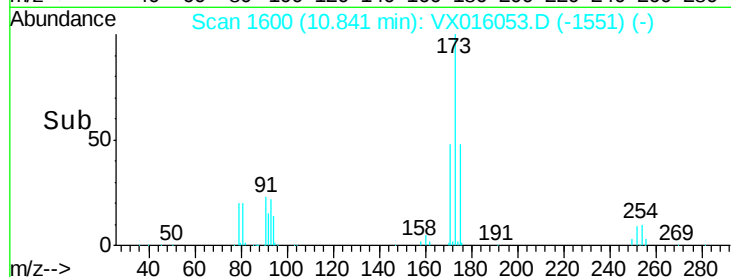
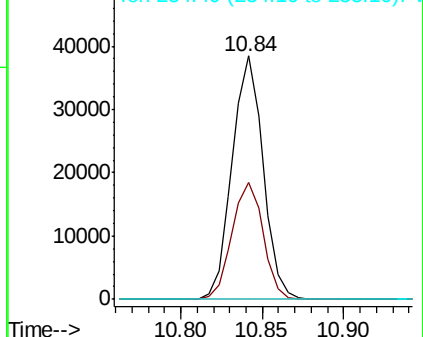
173 100

175 48.5 24.0 72.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

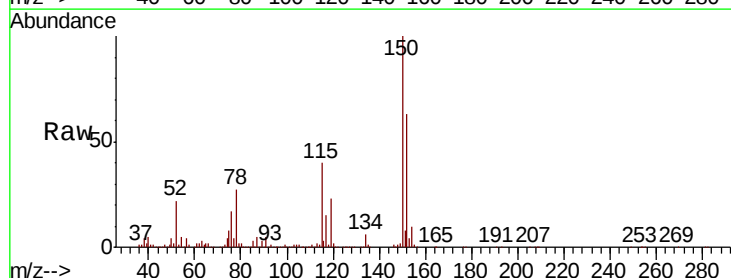
Tgt Ion:152 Resp: 235197

Ion Ratio Lower Upper

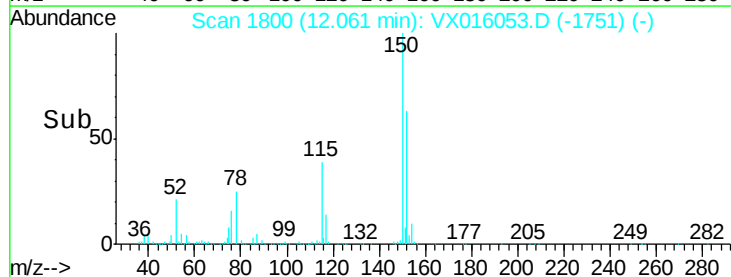
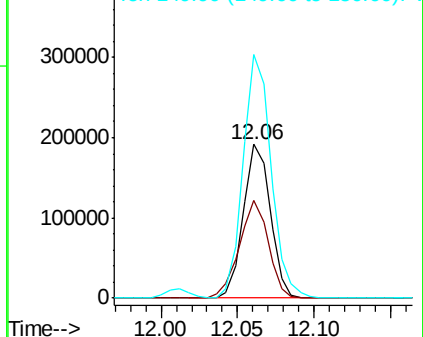
152 100

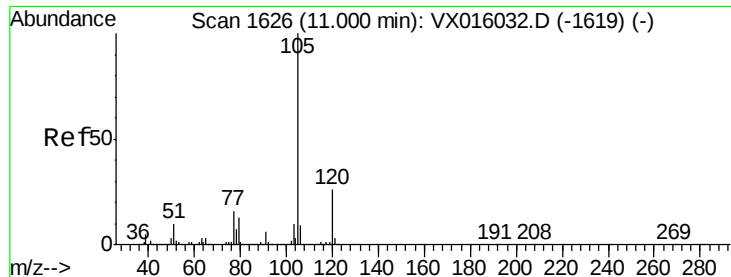
115 68.3 41.3 124.1

150 164.3 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.977 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

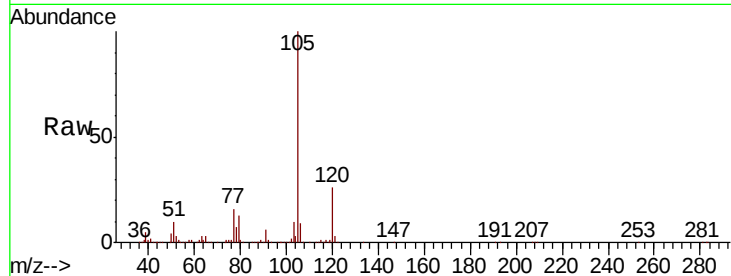
VX0505WBS01

Tot Ion:105 Resp: 307528

Ion Ratio Lower Upper

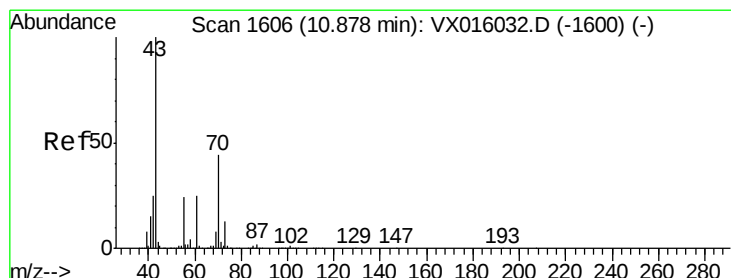
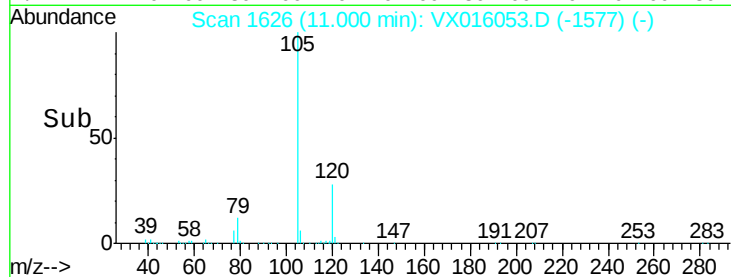
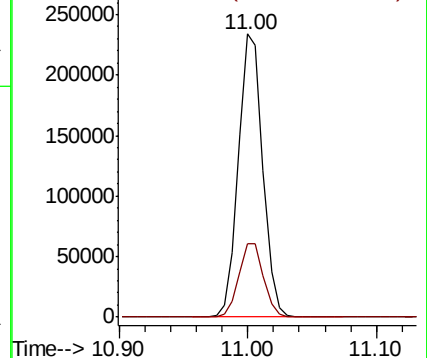
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.319 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Tgt Ion: 43 Resp: 138197

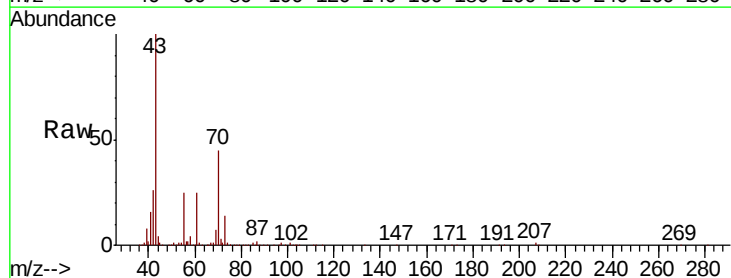
Ion Ratio Lower Upper

43 100

70 45.5 36.5 54.7

55 24.9 19.7 29.5

61 25.8 20.9 31.3

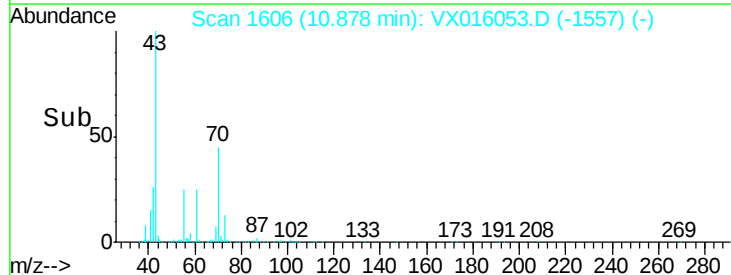
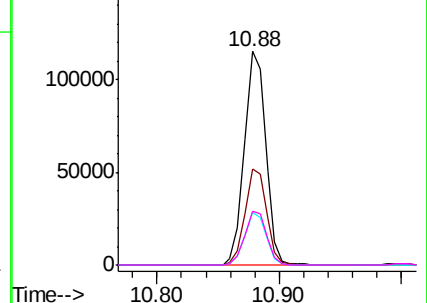


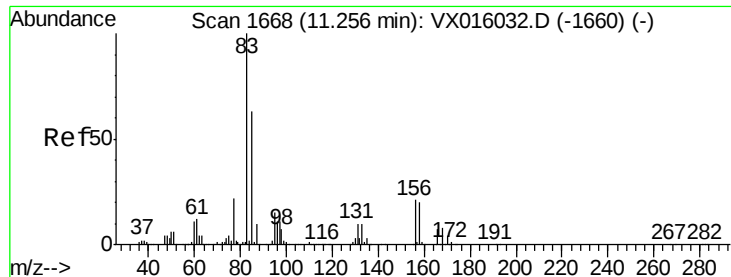
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.468 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

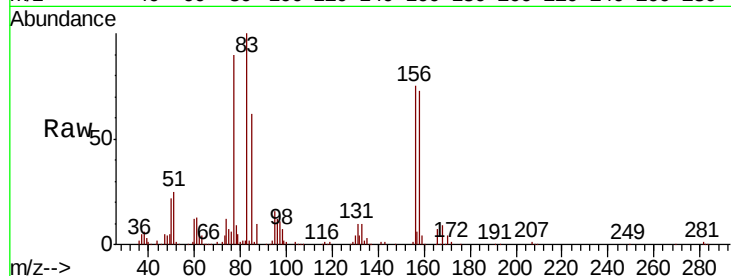
Tot Ion: 83 Resp: 48029

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

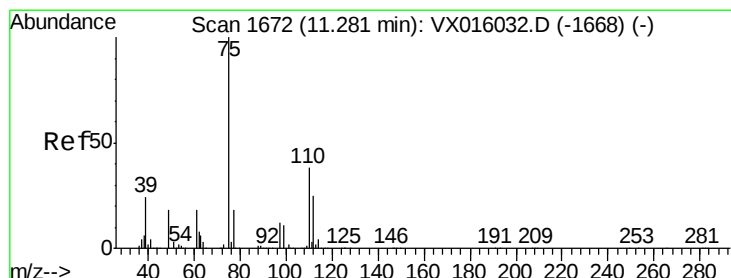
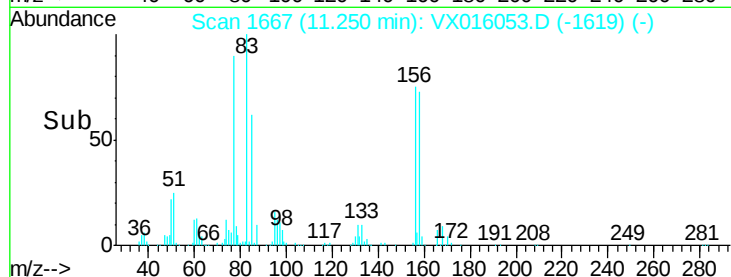
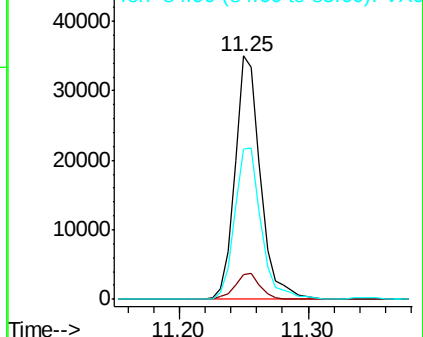
85 65.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.898 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016053.D

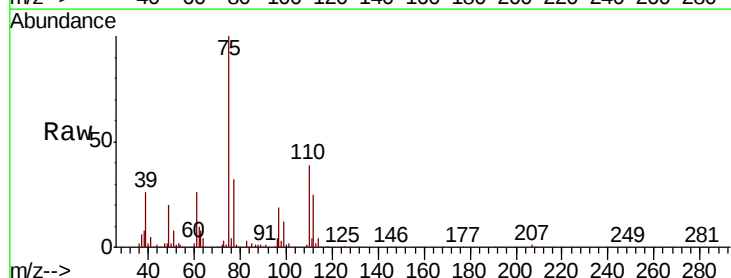
Acq: 05 May 2020 11:10

Tgt Ion: 75 Resp: 122212

Ion Ratio Lower Upper

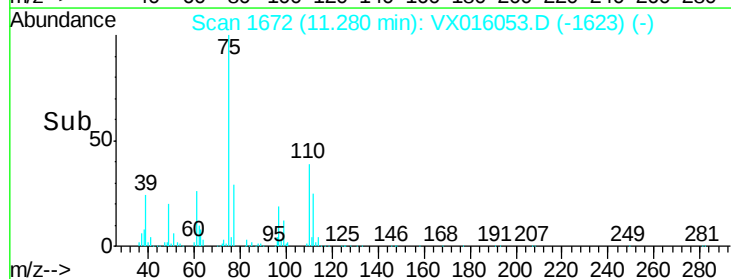
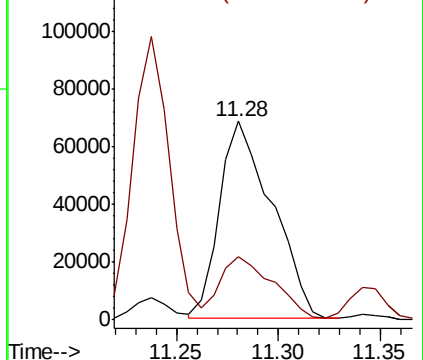
75 100

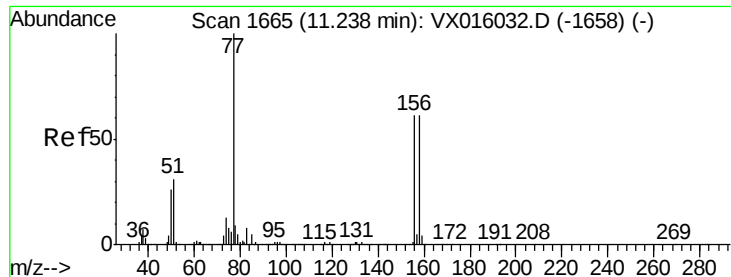
77 32.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

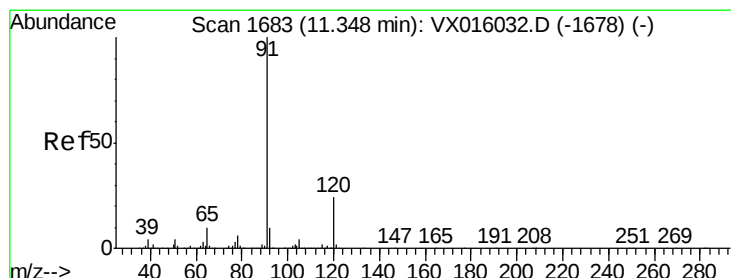
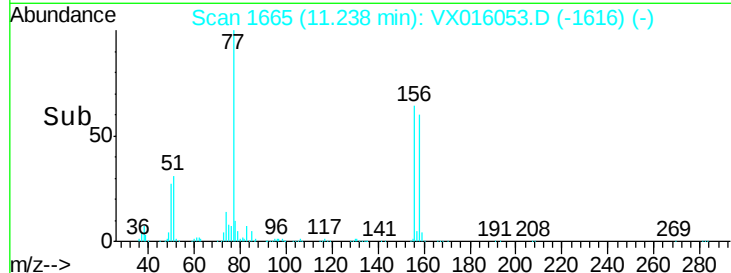
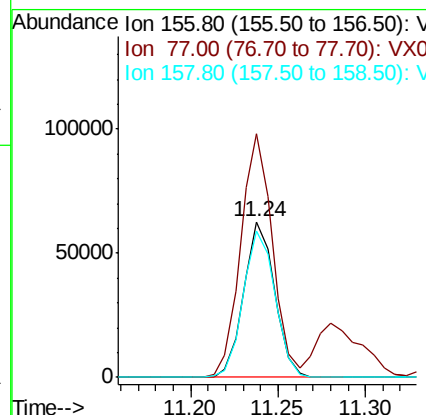
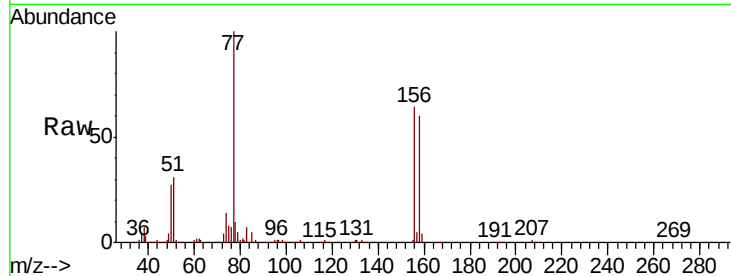




#77
Bromobenzene
Concen: 17.465 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

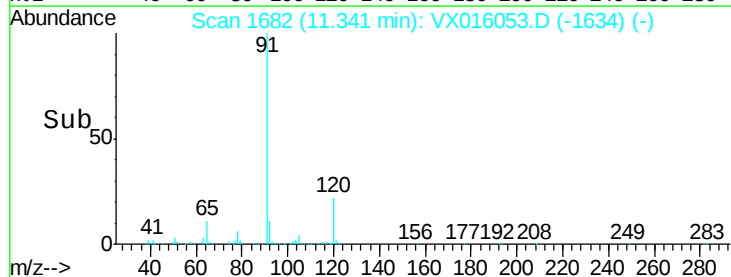
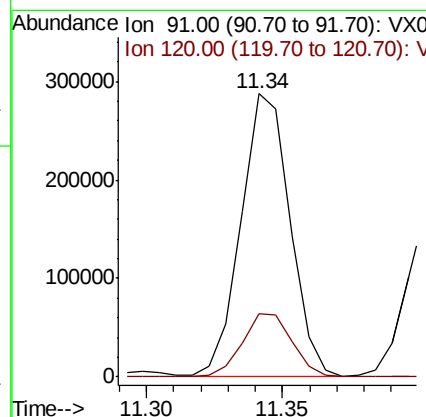
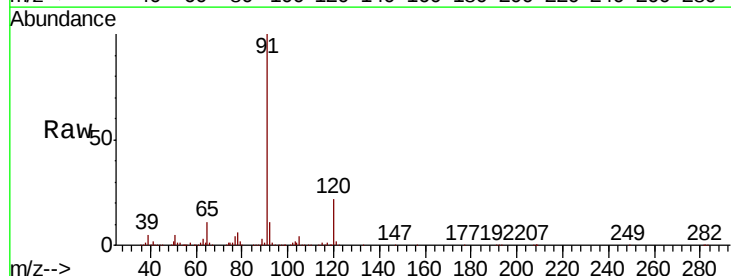
Instrument :
MSVOA_X
ClientSampled :
VX0505WBS01

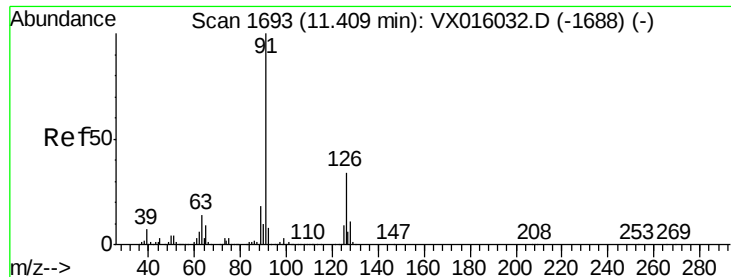
Tot Ion:156 Resp: 77117
Ion Ratio Lower Upper
156 100
77 160.0 80.1 240.3
158 96.5 49.4 148.2



#78
n-propylbenzene
Concen: 17.880 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion: 91 Resp: 355840
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5

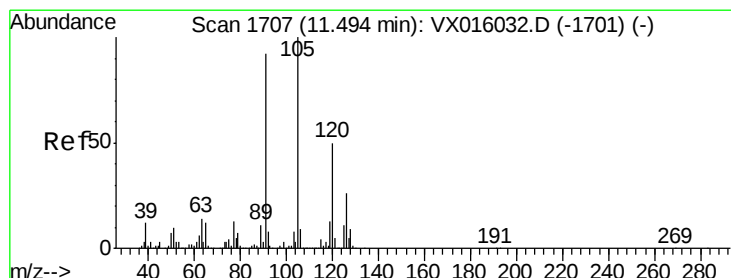
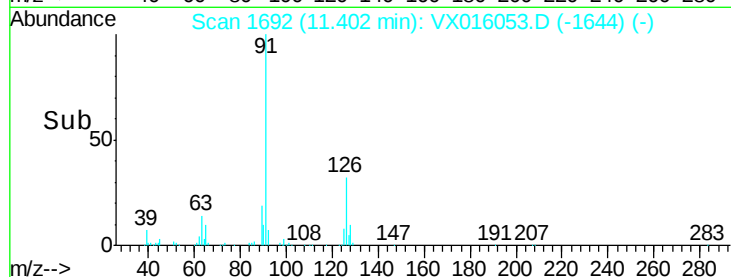
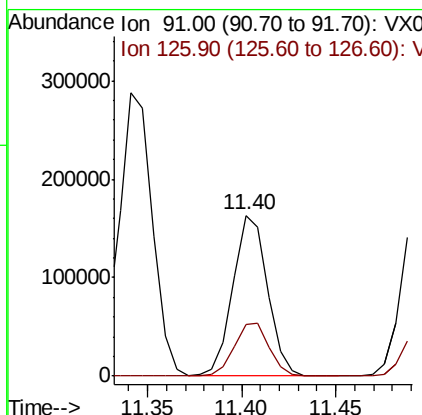
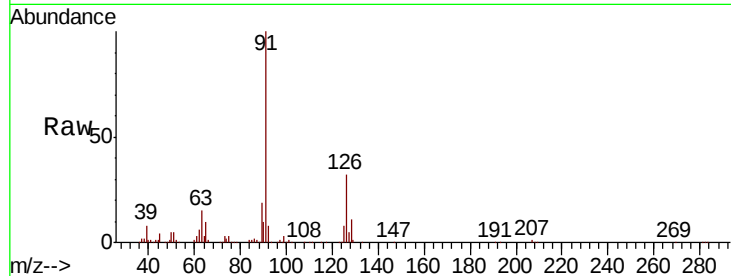




#79
 2-Chlorotoluene
 Concen: 17.620 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

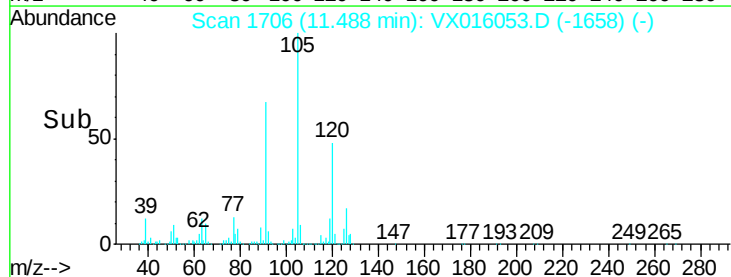
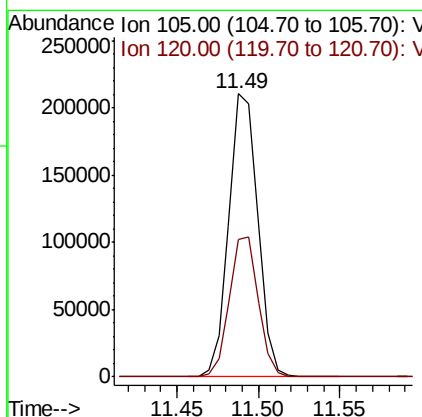
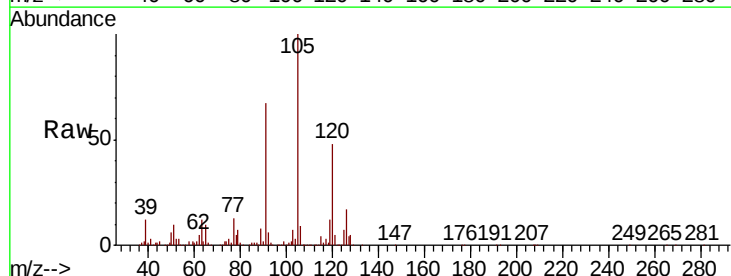
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

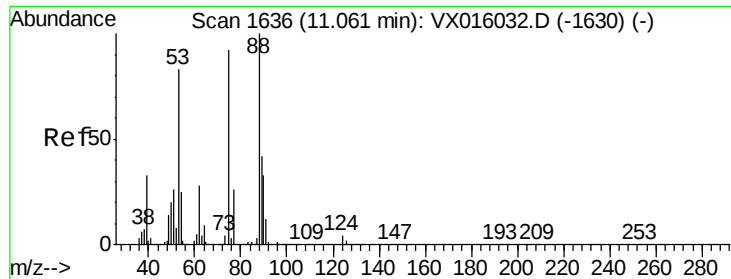
Tot Ion: 91 Resp: 206981
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.065 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion: 105 Resp: 260932
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0

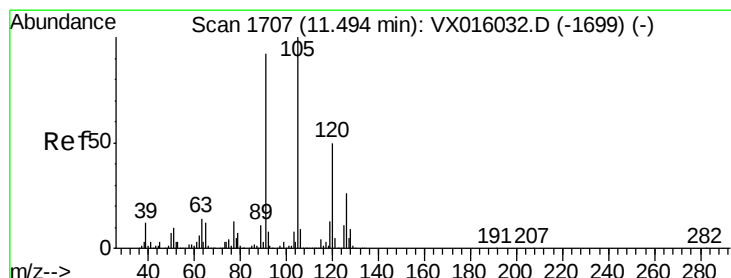
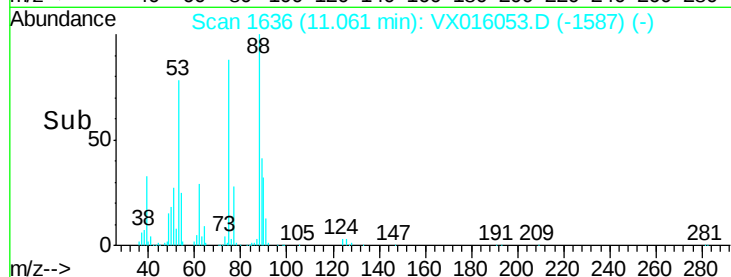
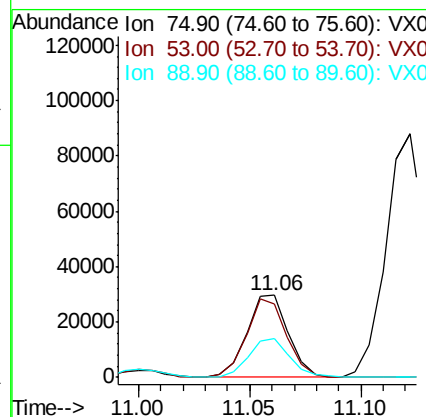
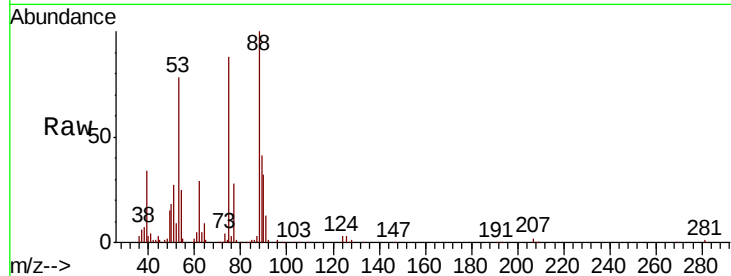




#81
trans-1,4-Dichloro-2-butene
Concen: 17.075 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

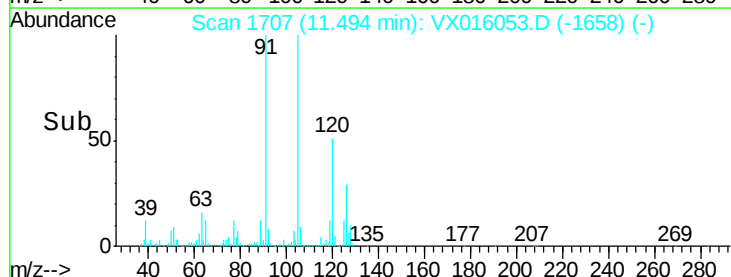
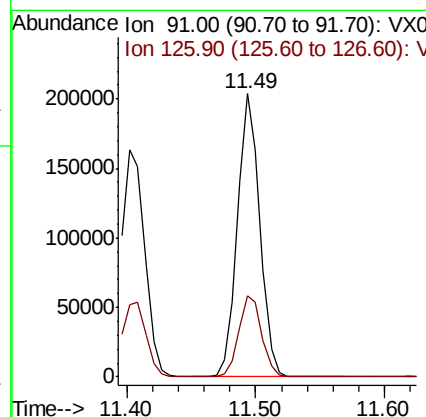
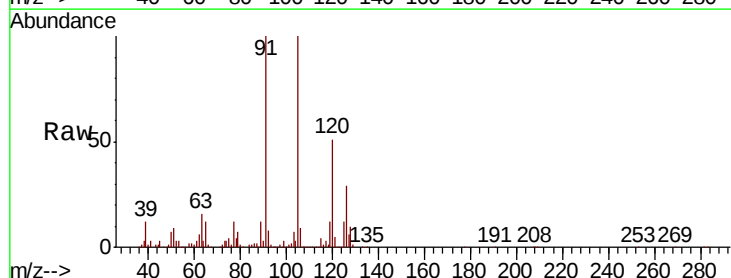
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

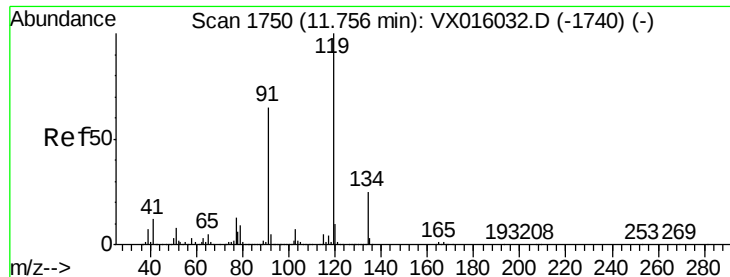
Tot Ion: 75 Resp: 38241
Ion Ratio Lower Upper
75 100
53 92.7 73.1 109.7
89 48.0 36.7 55.1



#82
4-Chlorotoluene
Concen: 17.824 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016053.D
Acq: 05 May 2020 11:10

Tgt Ion: 91 Resp: 247254
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3

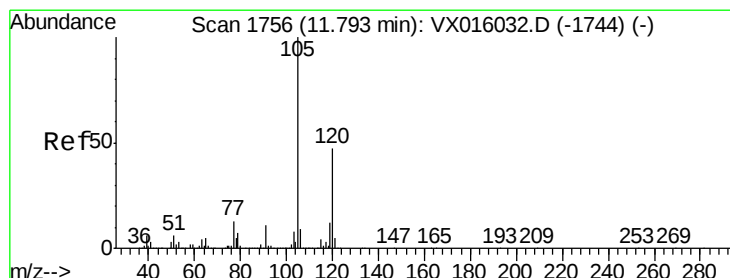
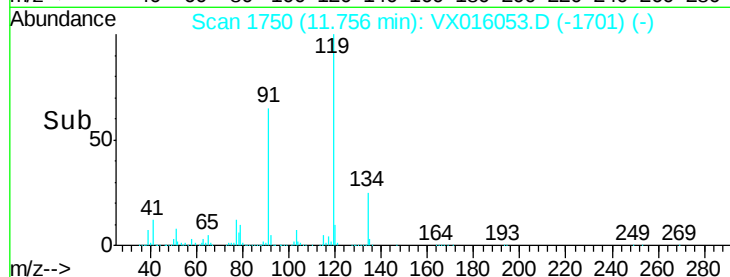
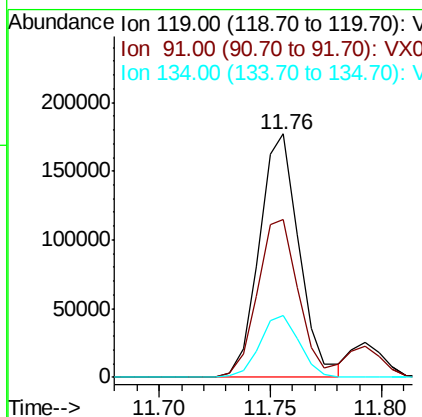
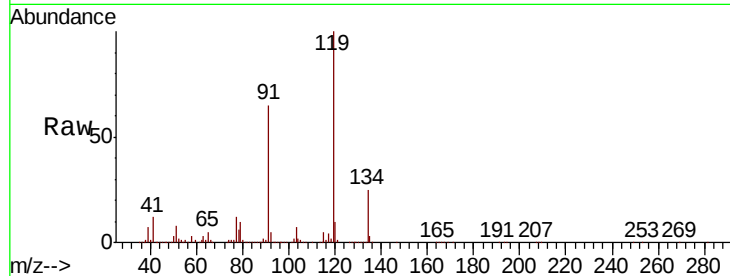




#83
 tert-Butylbenzene
 Concen: 17.724 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

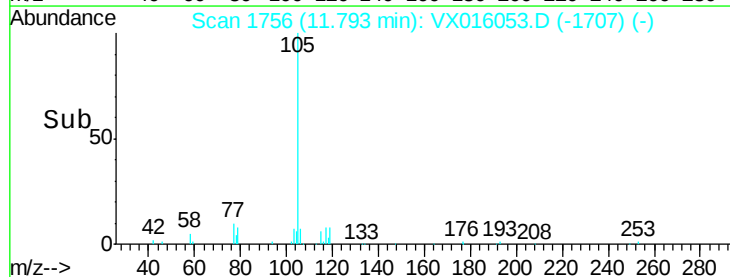
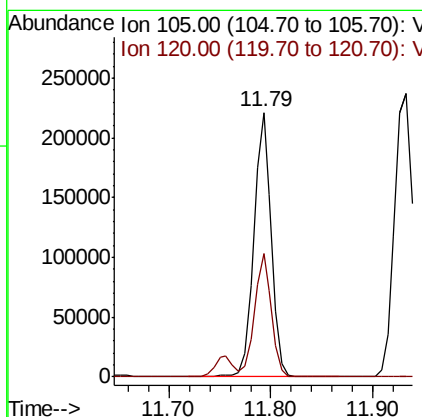
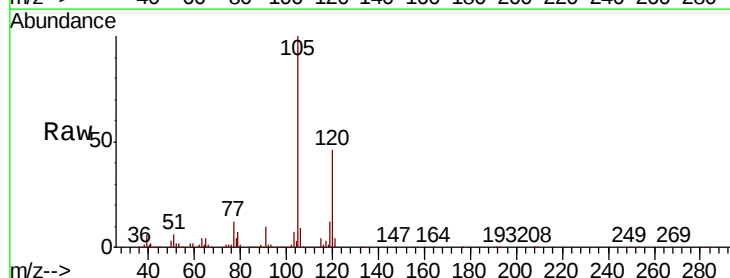
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

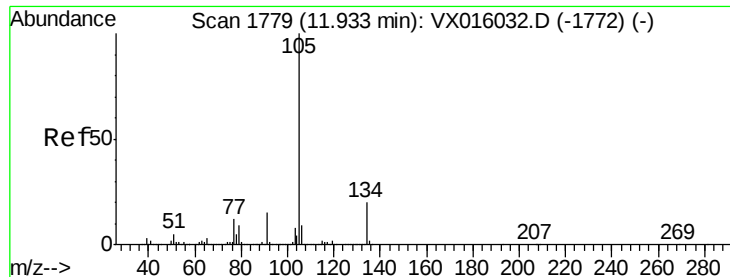
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.8	98.4
134	25.2	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.101 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.0	69.0

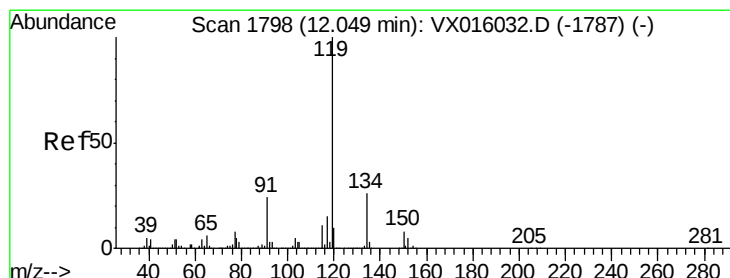
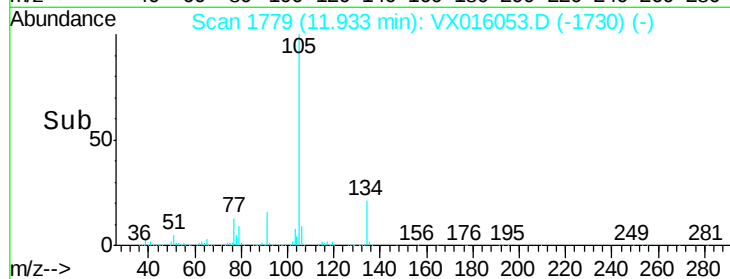
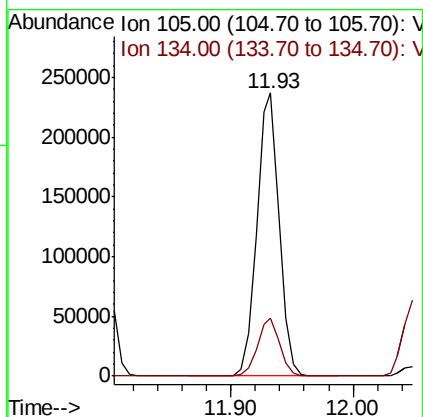
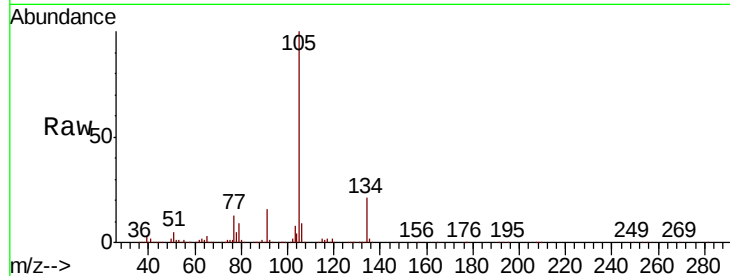




#85
 sec-Butylbenzene
 Concen: 17.887 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

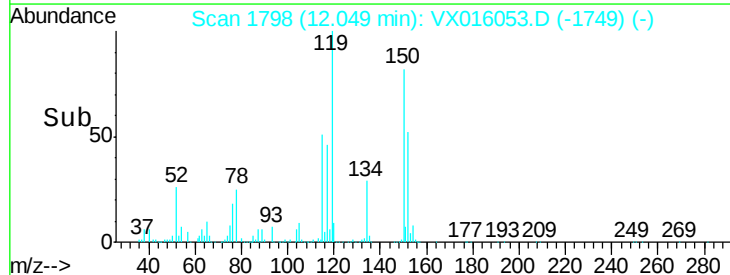
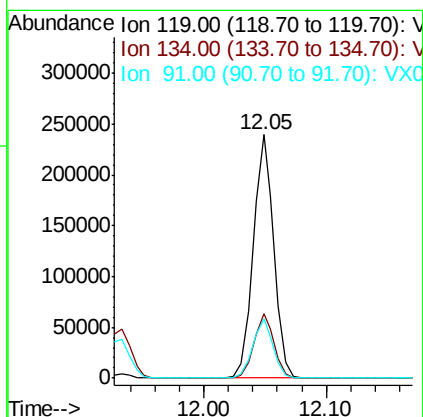
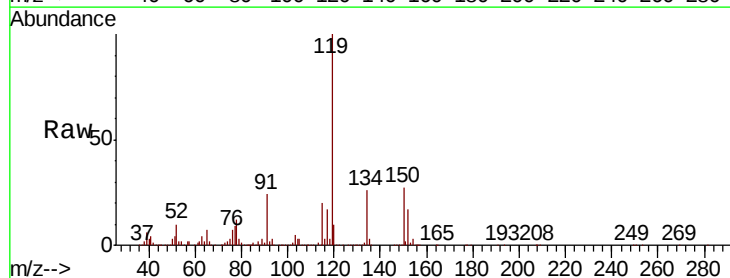
Instrument :
 MSVOA_X
 ClientSampled :
 VX0505WBS01

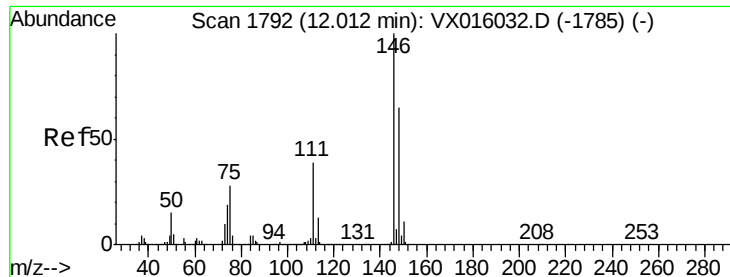
Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3



#86
 p-Isopropyltoluene
 Concen: 17.969 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	24.1	11.8	35.4

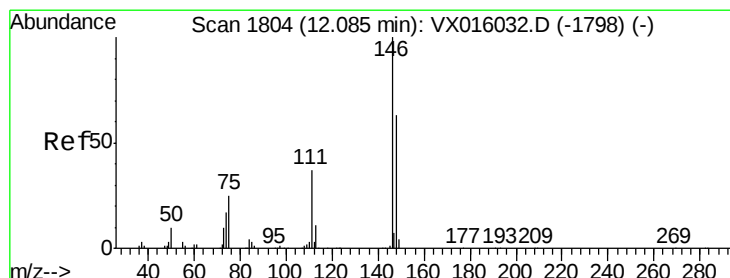
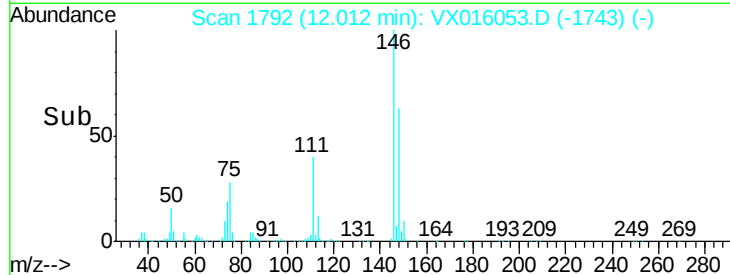
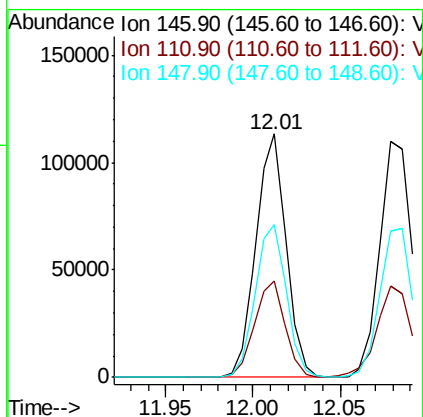
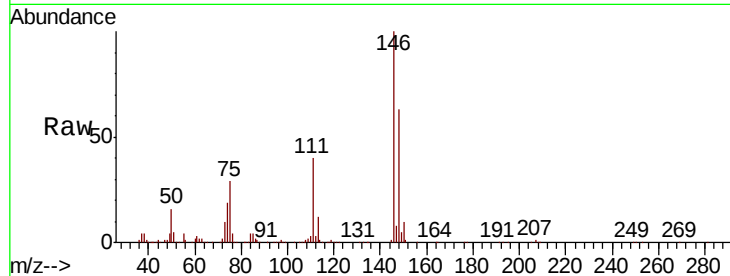




#87
 1,3-Dichlorobenzene
 Concen: 17.382 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

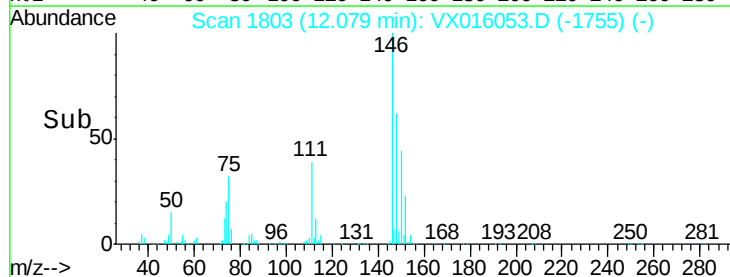
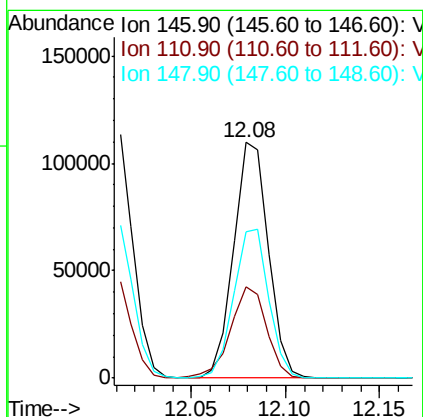
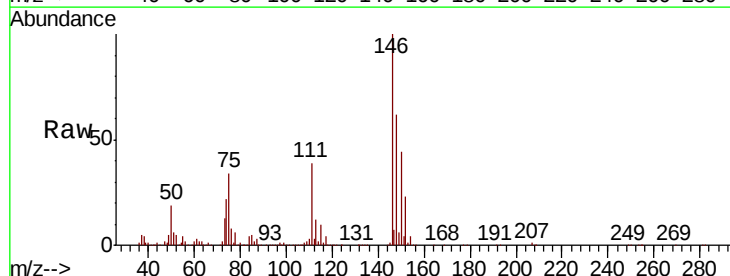
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

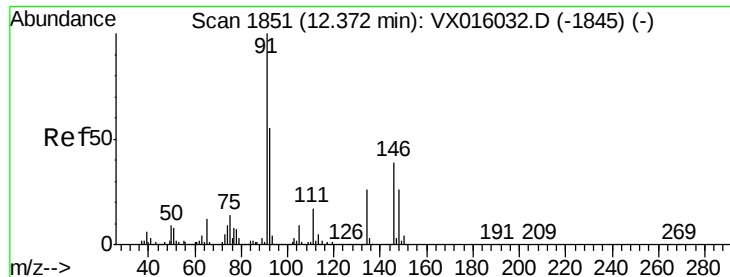
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	64.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.397 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016053.D
 Acq: 05 May 2020 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.7
148	63.9	31.8	95.3





#89

n-Butylbenzene

Concen: 17.369 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

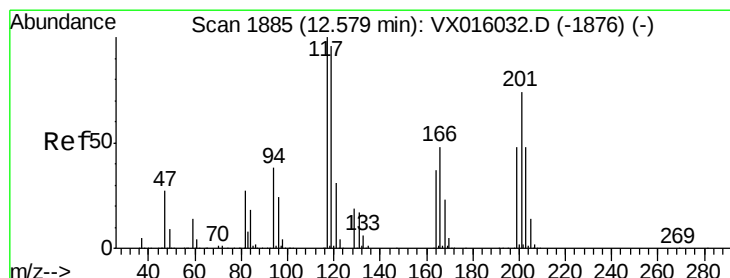
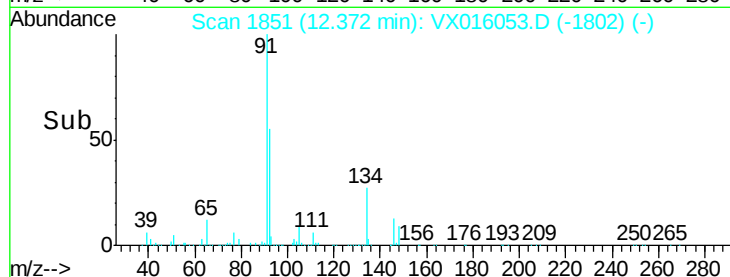
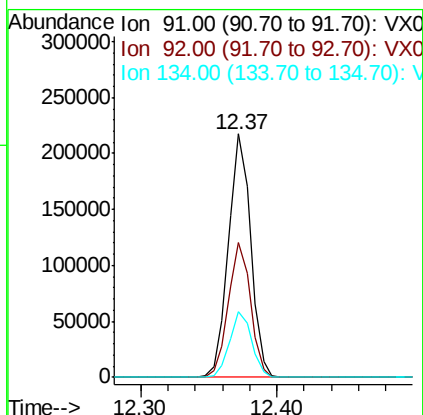
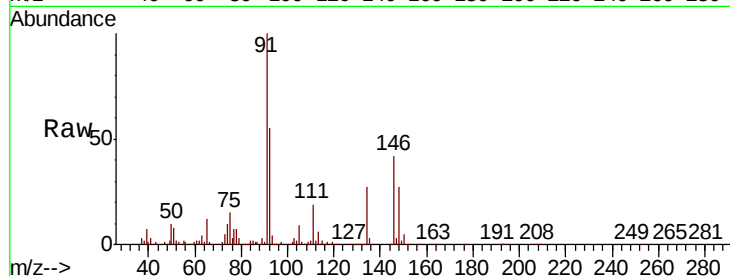
Tot Ion: 91 Resp: 247595

Ion Ratio Lower Upper

91 100

92 55.3 27.6 82.7

134 26.6 13.4 40.1



#90

Hexachloroethane

Concen: 17.620 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016053.D

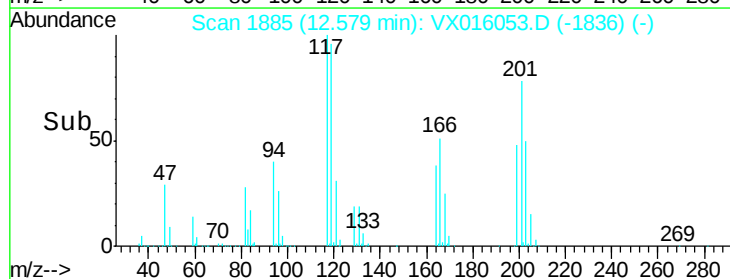
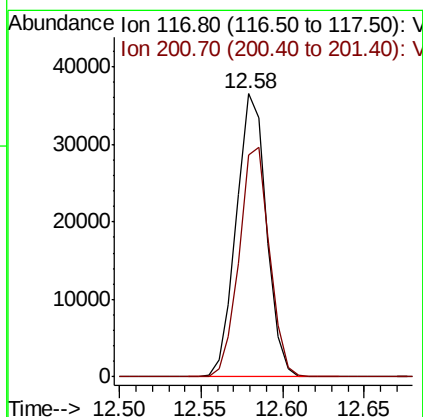
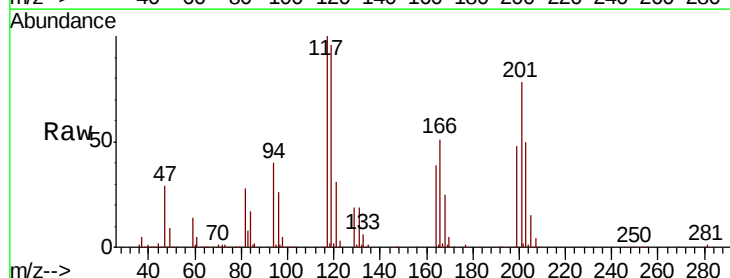
Acq: 05 May 2020 11:10

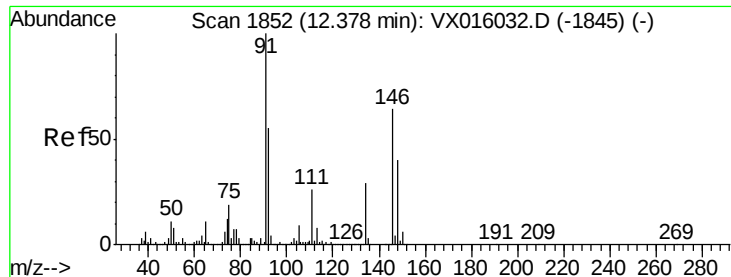
Tgt Ion: 117 Resp: 47219

Ion Ratio Lower Upper

117 100

201 81.8 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 17.395 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

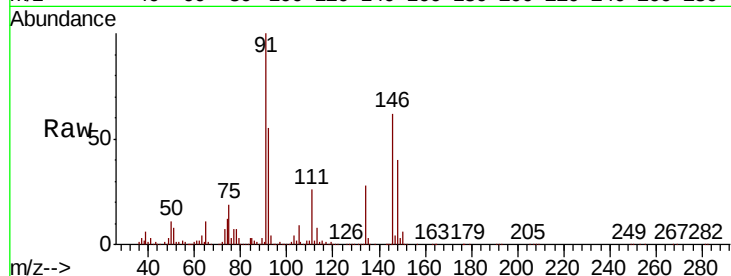
Tot Ion:146 Resp: 132795

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.1

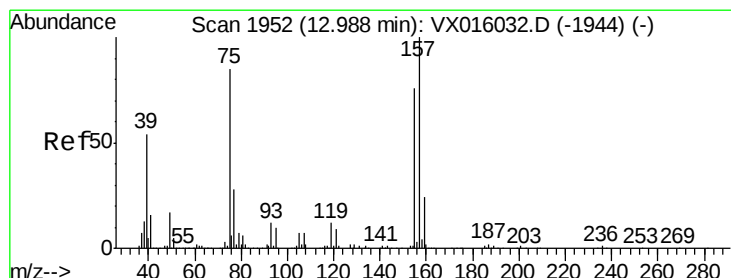
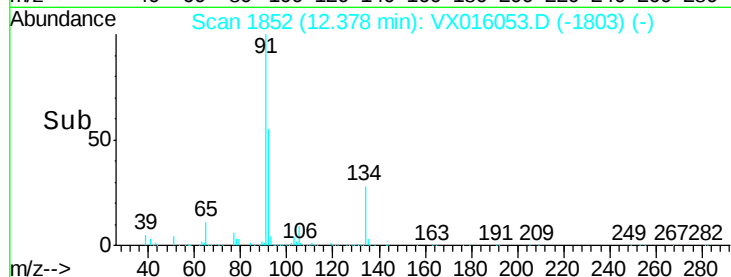
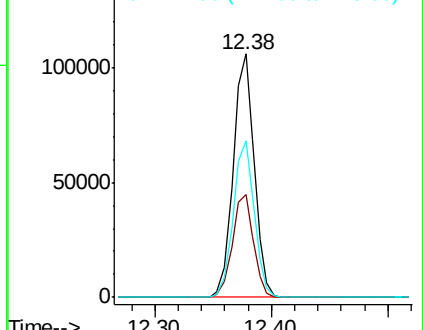
148 64.1 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.323 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

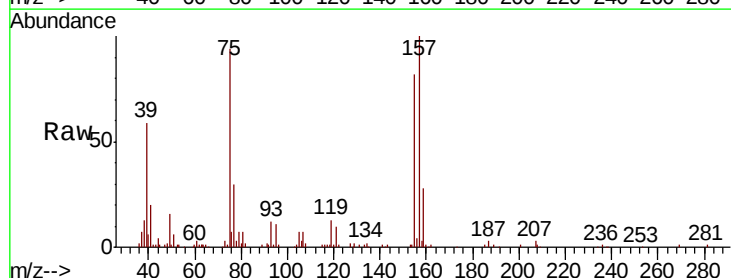
Tgt Ion: 75 Resp: 22961

Ion Ratio Lower Upper

75 100

155 83.2 42.5 127.5

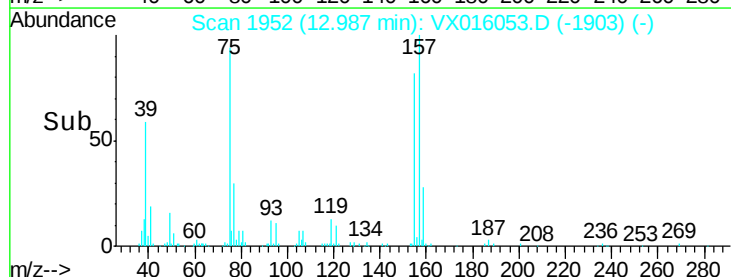
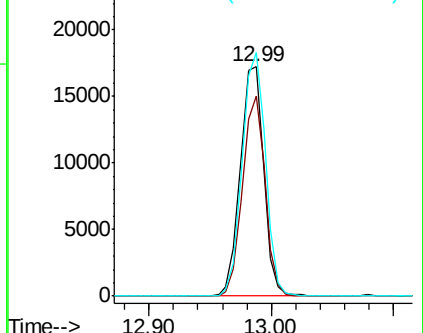
157 104.8 55.3 165.8

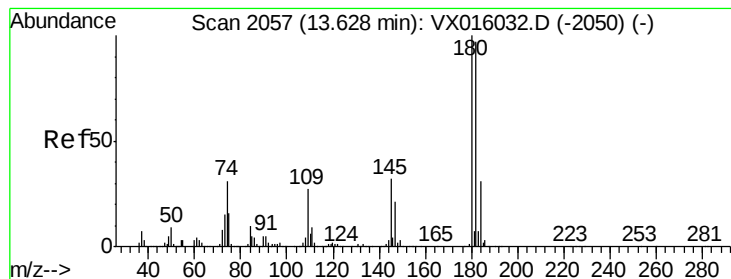


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.291 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

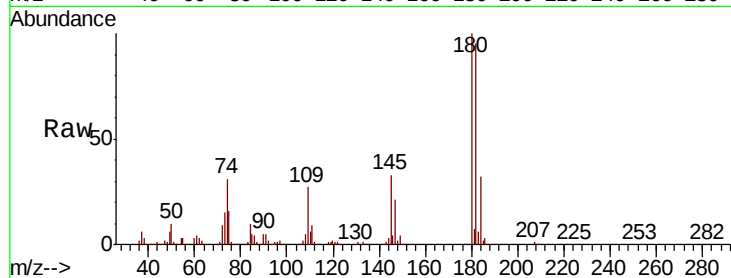
Tot Ion:180 Resp: 97727

Ion Ratio Lower Upper

180 100

182 94.5 48.7 146.1

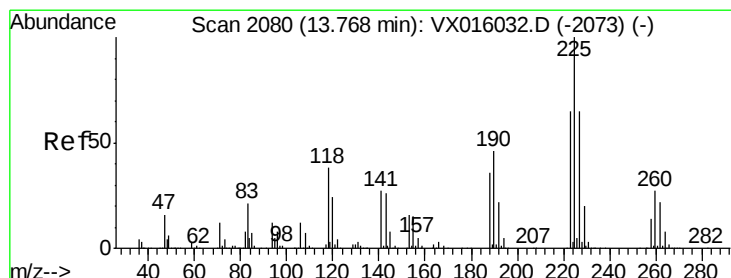
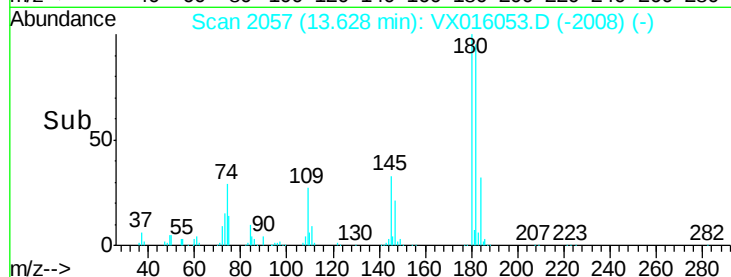
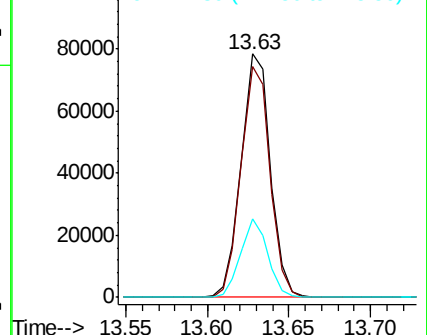
145 30.1 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.061 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

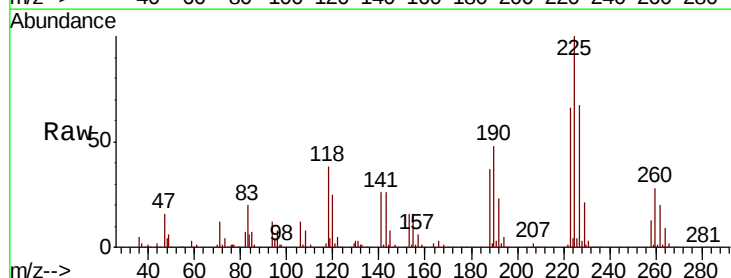
Tgt Ion:225 Resp: 45594

Ion Ratio Lower Upper

225 100

223 63.4 32.3 96.9

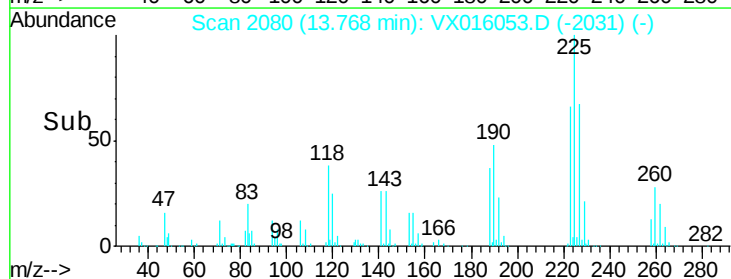
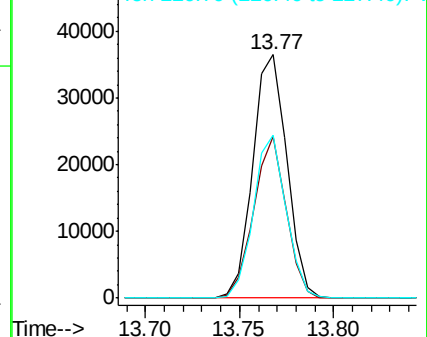
227 64.4 31.8 95.4

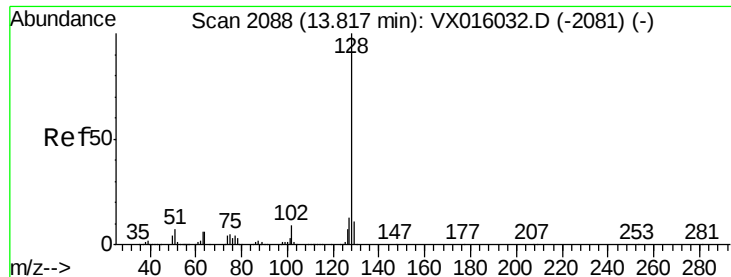


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.023 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

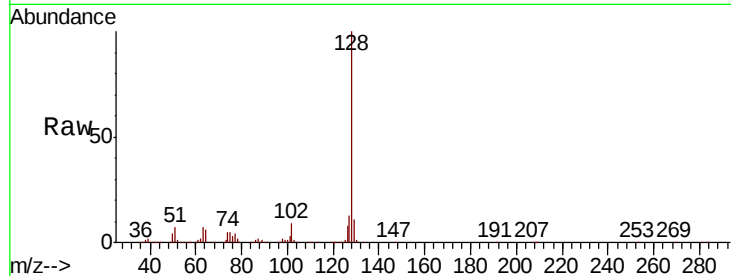
Tot Ion:128 Resp: 311541

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

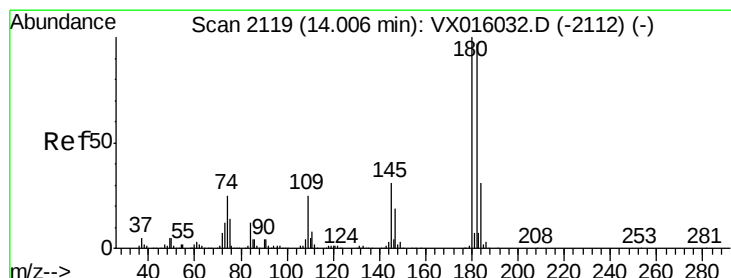
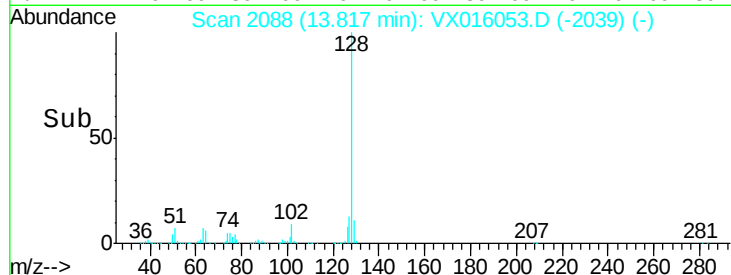
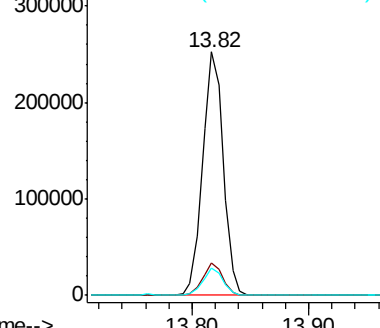
129 10.8 8.7 13.1



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: 17.334 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016053.D

Acq: 05 May 2020 11:10

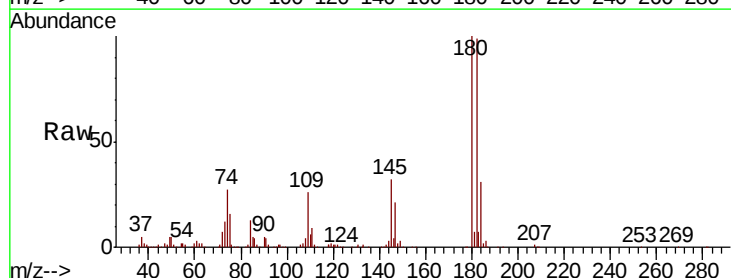
Tgt Ion:180 Resp: 95750

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.0

145 32.3 16.4 49.1



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

