

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016141.D
 Acq On : 11 May 2020 12:17
 Operator : JC/SP
 Sample : VX0511WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Quant Time: May 11 18:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	298112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	464694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176242	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	5.46	113	138431	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	8.70	98	539152	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.12	95	205056	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59859	18.970	ug/l	100
3) Chloromethane	1.31	50	62561	17.072	ug/l	99
4) Vinyl Chloride	1.39	62	67508	17.267	ug/l	98
5) Bromomethane	1.62	94	39730	20.157	ug/l	96
6) Chloroethane	1.71	64	42292	17.778	ug/l	97
7) Trichlorofluoromethane	1.92	101	89607	17.458	ug/l	99
8) Diethyl Ether	2.17	74	38322	17.720	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54555	18.423	ug/l	98
10) Methyl Iodide	2.49	142	53700	13.500	ug/l	100
11) Tert butyl alcohol	3.01	59	90638	91.370	ug/l	99
12) 1,1-Dichloroethene	2.36	96	54129	17.467	ug/l	95
13) Acrolein	2.27	56	35034	56.438	ug/l	99
14) Allyl chloride	2.71	41	101472	17.859	ug/l	97
15) Acrylonitrile	3.11	53	189488	92.079	ug/l	99
16) Acetone	2.42	43	152537	87.147	ug/l	98
17) Carbon Disulfide	2.55	76	161994	17.272	ug/l	98
18) Methyl Acetate	2.75	43	82235	19.108	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	207274	19.403	ug/l	99
20) Methylene Chloride	2.83	84	63447	17.584	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	60308	17.464	ug/l	98
22) Diisopropyl ether	3.82	45	200011	18.659	ug/l	92
23) Vinyl Acetate	3.78	43	882338	93.559	ug/l	100
24) 1,1-Dichloroethane	3.67	63	111247	18.552	ug/l	99
25) 2-Butanone	4.63	43	260302	92.289	ug/l	98
26) 2,2-Dichloropropane	4.55	77	99073	18.091	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	70485	18.670	ug/l	97
28) Bromochloromethane	4.98	49	52194	19.089	ug/l	99
29) Tetrahydrofuran	5.09	42	172512	92.308	ug/l	99
30) Chloroform	5.18	83	110987	18.589	ug/l	96
31) Cyclohexane	5.54	56	101133	18.558	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	98765	18.199	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85393	18.668	ug/l	98
37) Ethyl Acetate	4.79	43	100470	18.951	ug/l	99
38) Carbon Tetrachloride	5.76	117	87251	18.766	ug/l	95

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Quant Time: May 11 18:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	103920	18.865	ug/l	99
40) Benzene	6.11	78	253401	18.933	ug/l	99
41) Methacrylonitrile	5.00	41	54144	18.910	ug/l	98
42) 1,2-Dichloroethane	6.16	62	90145	18.697	ug/l	99
43) Isopropyl Acetate	6.41	43	161581	19.102	ug/l	99
44) Trichloroethene	7.19	130	90347	19.001	ug/l	98
45) 1,2-Dichloropropane	7.49	63	66233	19.557	ug/l	99
46) Dibromomethane	7.64	93	44408	19.296	ug/l	100
47) Bromodichloromethane	7.88	83	90654	19.341	ug/l	100
48) Methyl methacrylate	7.74	41	74620	18.616	ug/l	97
49) 1,4-Dioxane	7.71	88	37519	390.285	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	499498	96.494	ug/l	99
52) Toluene	8.76	92	160748	19.269	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	105774	18.927	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	112353	19.247	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	64355	19.607	ug/l	99
56) Ethyl methacrylate	9.16	69	103678	19.351	ug/l	97
57) 1,3-Dichloropropane	9.35	76	112460	19.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	265451	93.066	ug/l	100
59) 2-Hexanone	9.47	43	383601	94.363	ug/l	99
60) Dibromochloromethane	9.57	129	71059	19.657	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68643	19.307	ug/l	100
64) Tetrachloroethene	9.32	164	104140	19.727	ug/l	96
65) Chlorobenzene	10.12	112	171964	19.099	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	63898	19.200	ug/l	99
67) Ethyl Benzene	10.24	91	302136	18.807	ug/l	99
68) m/p-Xylenes	10.34	106	232926	38.698	ug/l	100
69) o-Xylene	10.68	106	110814	19.153	ug/l	98
70) Styrene	10.70	104	184342	18.780	ug/l	99
71) Bromoform	10.84	173	51685	19.062	ug/l #	98
73) Isopropylbenzene	11.00	105	299003	18.648	ug/l	99
74) N-amyl acetate	10.88	43	134706	18.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	54237	19.580	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	124051	24.798	ug/l	85
77) Bromobenzene	11.24	156	76459	18.474	ug/l	97
78) n-propylbenzene	11.35	91	344236	18.454	ug/l	100
79) 2-Chlorotoluene	11.40	91	206848	18.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	251308	18.563	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38285	18.238	ug/l	99
82) 4-Chlorotoluene	11.49	91	238366	18.333	ug/l	99
83) tert-Butylbenzene	11.76	119	215561	18.476	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	256044	18.707	ug/l	99
85) sec-Butylbenzene	11.93	105	291250	18.489	ug/l	99
86) p-Isopropyltoluene	12.05	119	270646	18.505	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	134528	18.103	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	136817	18.140	ug/l	98
89) n-Butylbenzene	12.37	91	237579	17.781	ug/l	99
90) Hexachloroethane	12.58	117	45832	18.246	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	131684	18.403	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22746	17.252	ug/l	99

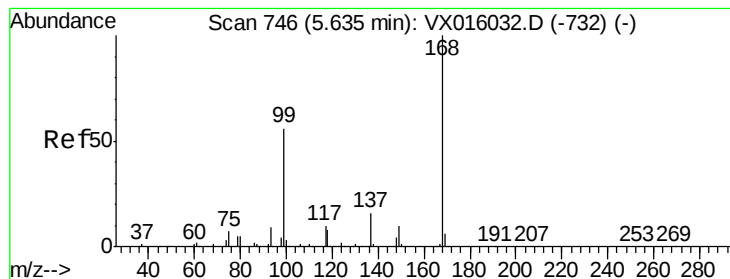
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
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Quant Time: May 11 18:32:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	97313	18.369	ug/l	97
94) Hexachlorobutadiene	13.77	225	42644	19.022	ug/l	99
95) Naphthalene	13.82	128	316373	18.443	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	96064	18.554	ug/l	97

(#) = 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: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

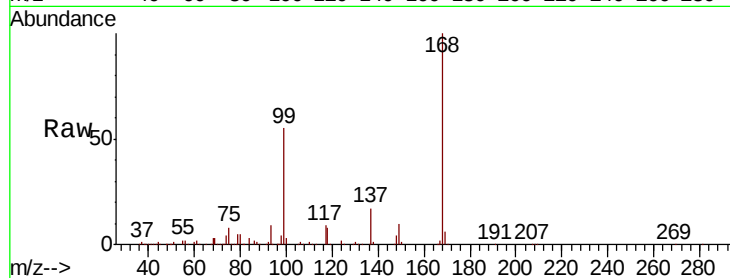
VX0511WBSD01

Tot Ion:168 Resp: 298112

Ion Ratio Lower Upper

168 100

99 55.4 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

120000

100000

80000

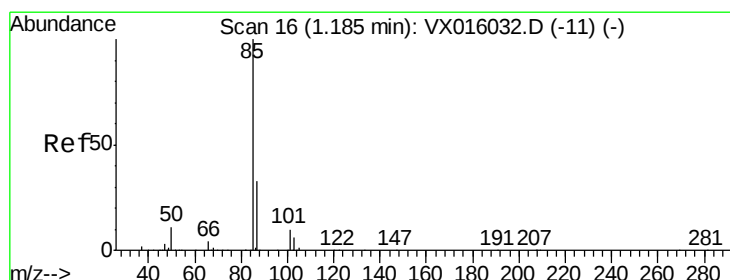
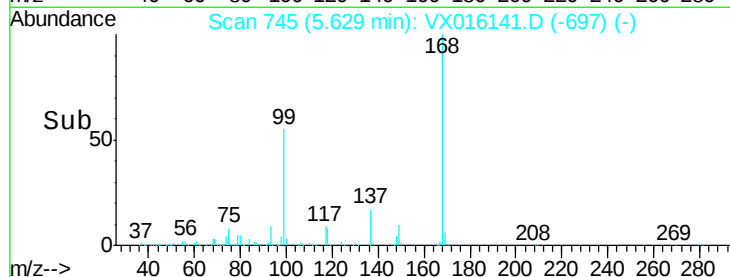
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.970 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016141.D

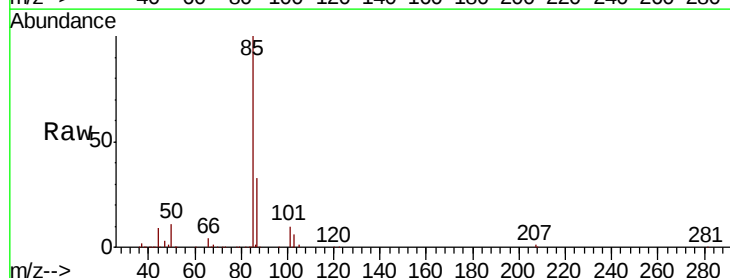
Acq: 11 May 2020 12:17

Tgt Ion: 85 Resp: 59859

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

1.18

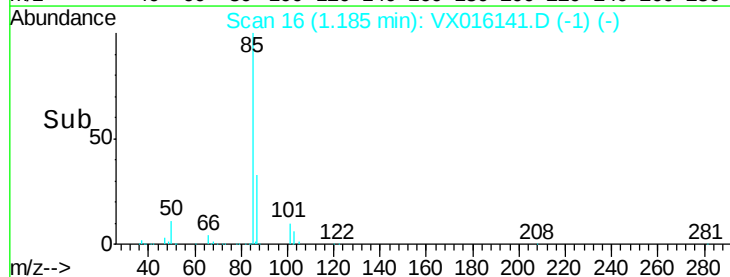
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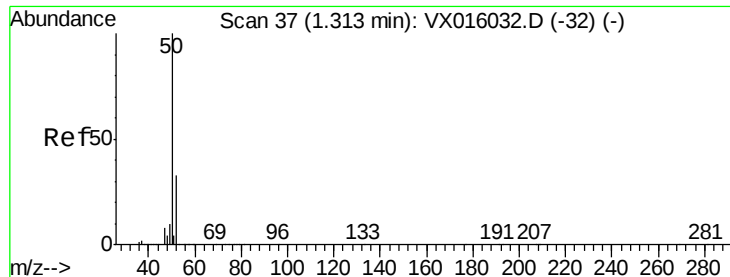
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20000

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Time-->





#3

Chloromethane

Concen: 17.072 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

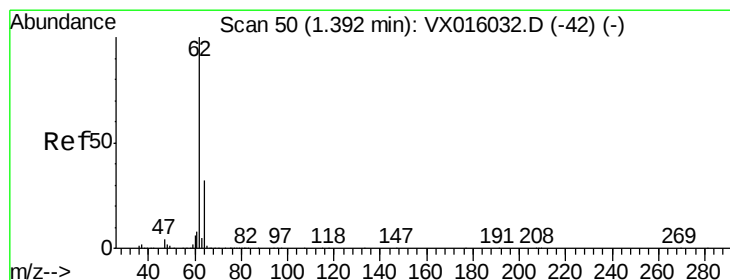
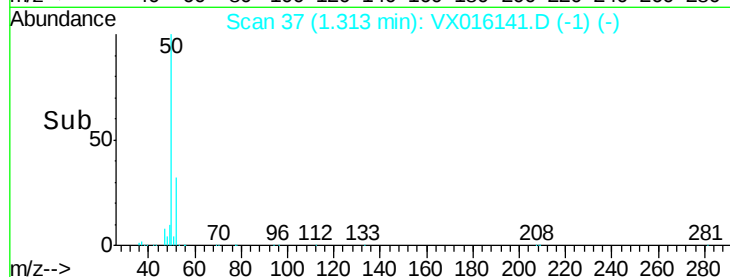
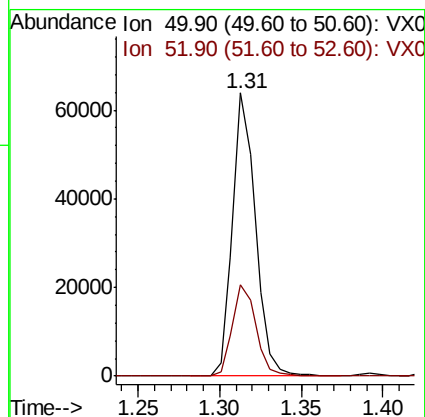
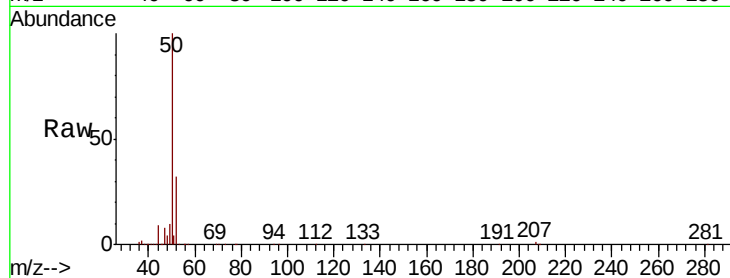
VX0511WBSD01

Tot Ion: 50 Resp: 62561

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1



#4

Vinyl Chloride

Concen: 17.267 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016141.D

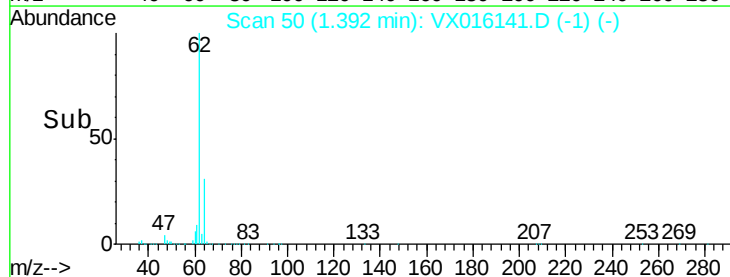
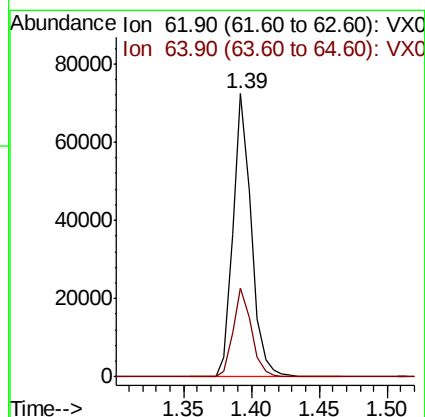
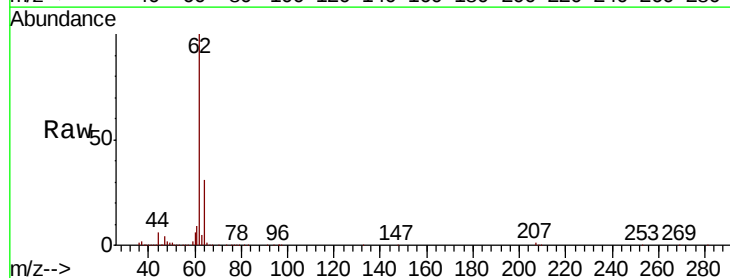
Acq: 11 May 2020 12:17

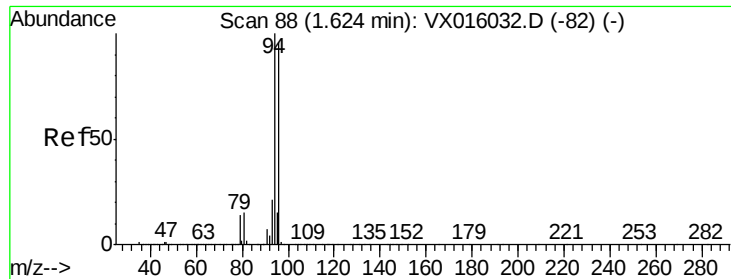
Tgt Ion: 62 Resp: 67508

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 20.157 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

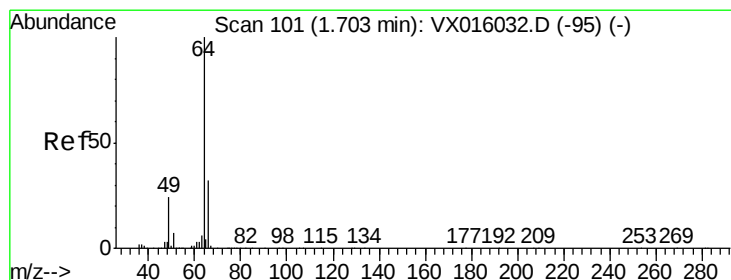
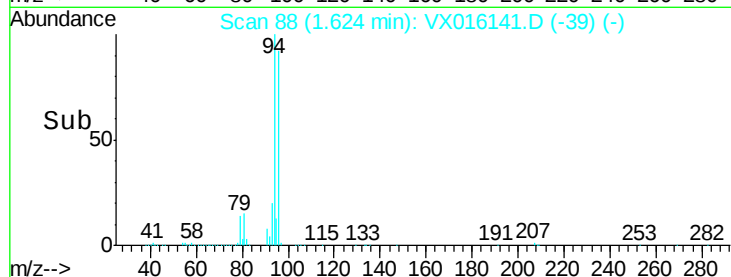
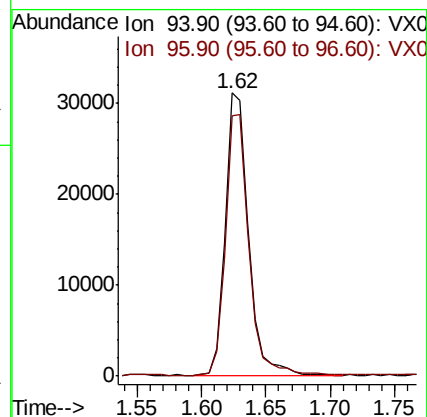
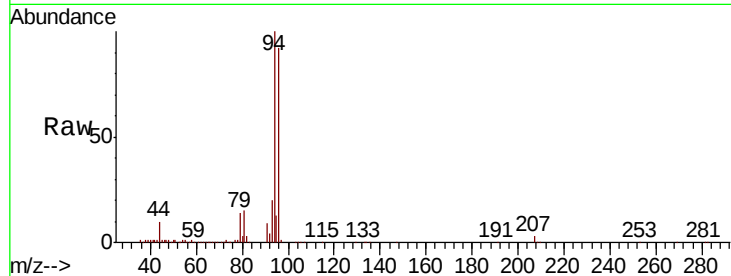
VX0511WBSD01

Tot Ion: 94 Resp: 39730

Ion Ratio Lower Upper

94 100

96 91.9 76.9 115.3



#6

Chloroethane

Concen: 17.778 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016141.D

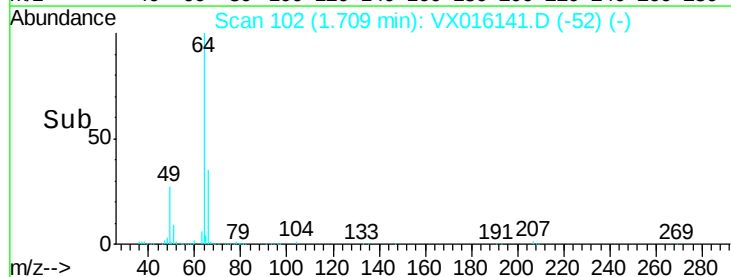
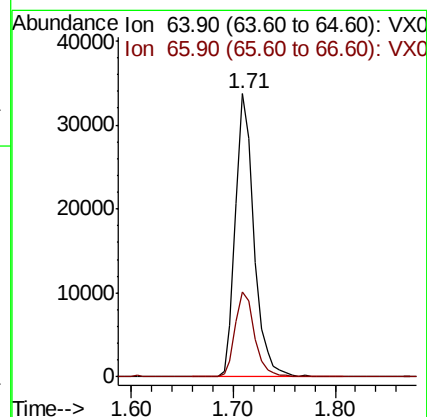
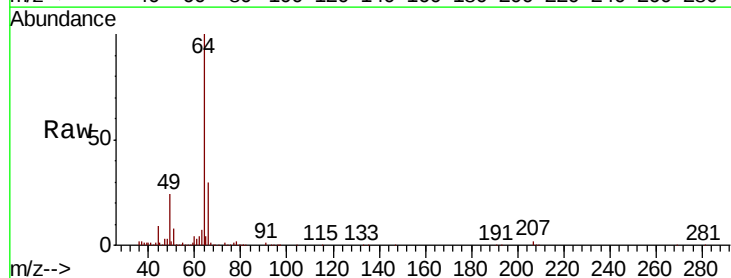
Acq: 11 May 2020 12:17

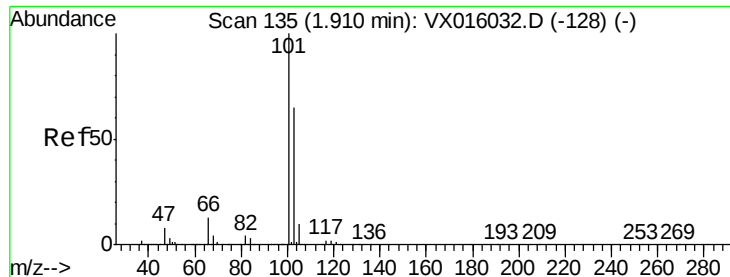
Tgt Ion: 64 Resp: 42292

Ion Ratio Lower Upper

64 100

66 30.1 25.2 37.8



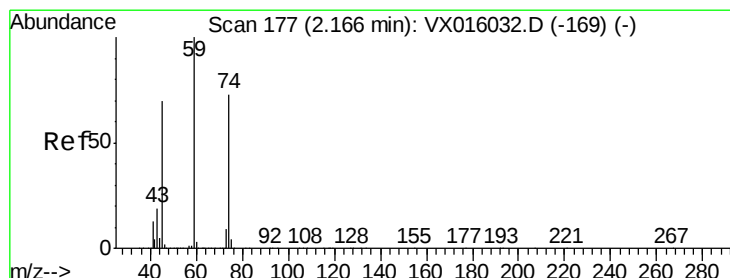
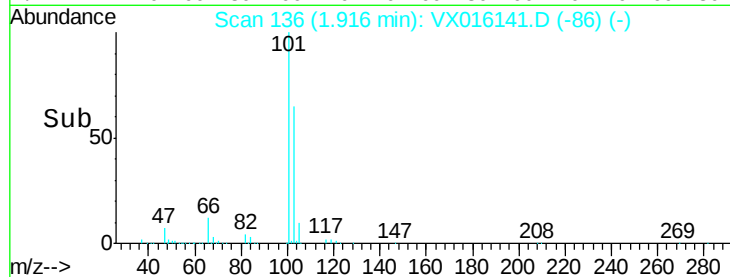
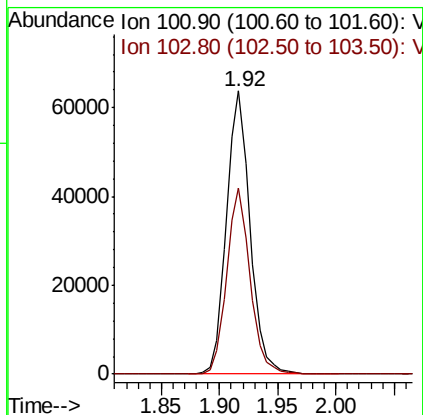
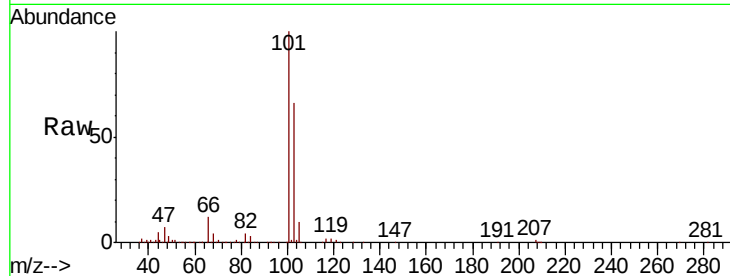


#7

Trichlorofluoromethane
Concen: 17.458 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

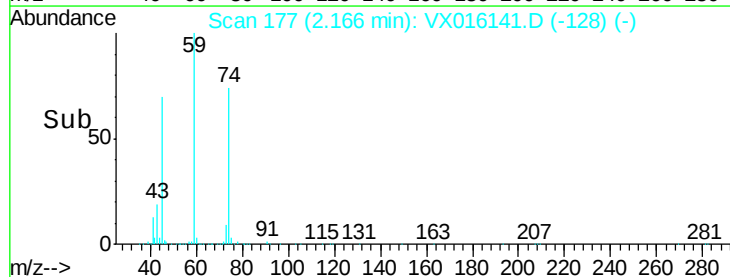
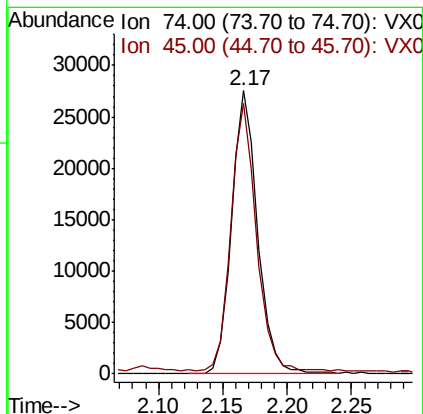
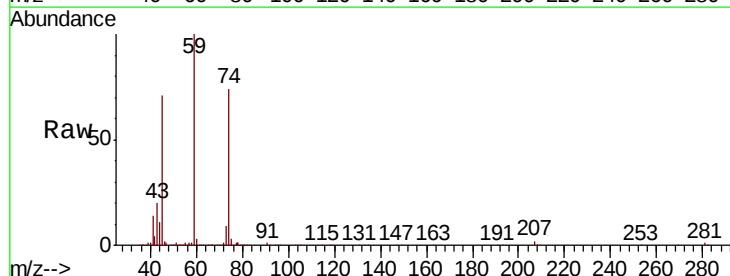
Tot Ion:101 Resp: 89607
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

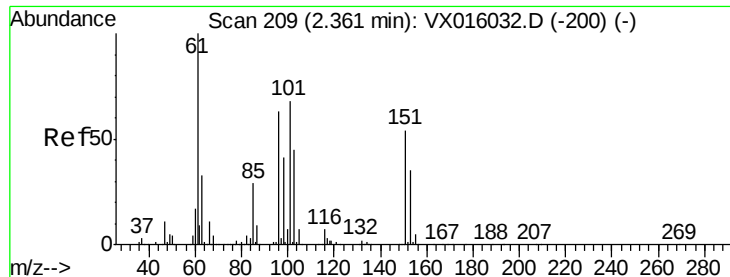


#8

Diethyl Ether
Concen: 17.720 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion: 74 Resp: 38322
Ion Ratio Lower Upper
74 100
45 94.6 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.423 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

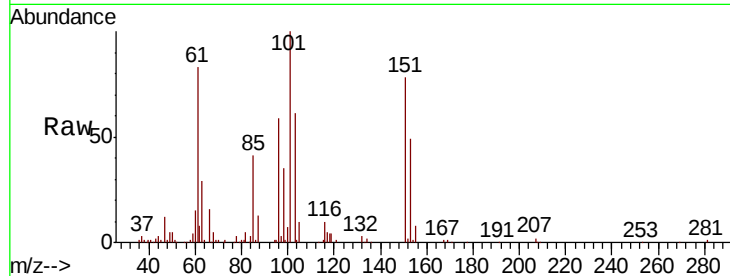
Tot Ion:101 Resp: 54555

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

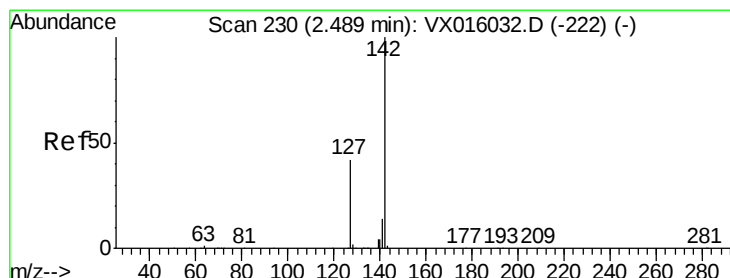
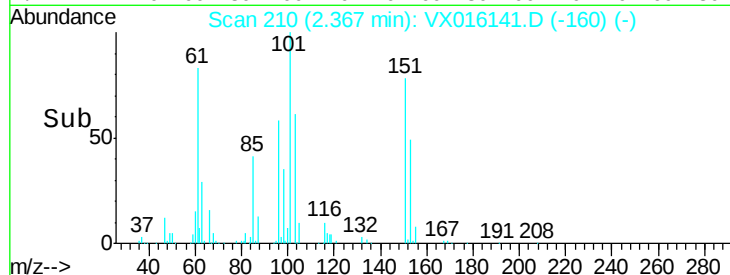
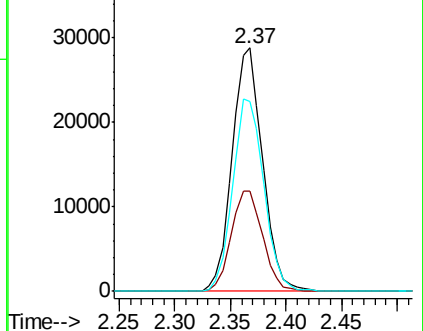
151 80.8 62.1 93.1



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: 13.500 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

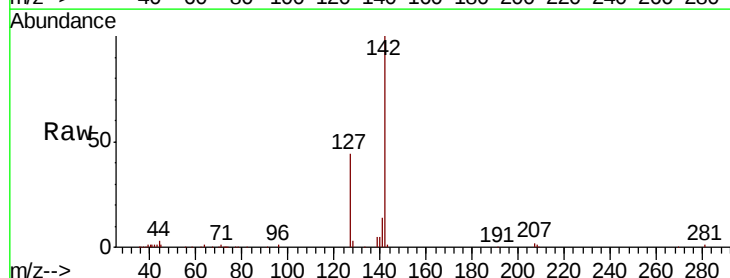
Tgt Ion:142 Resp: 53700

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

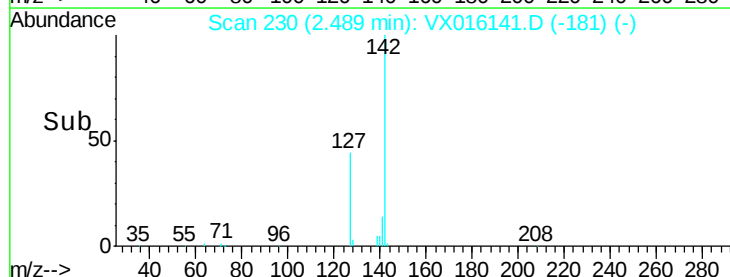
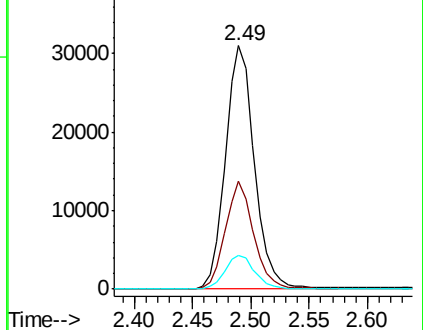
141 14.4 11.3 16.9

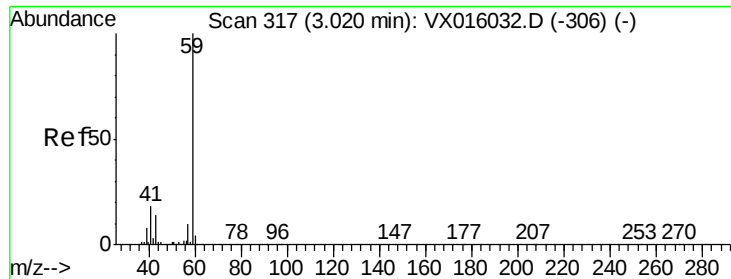


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



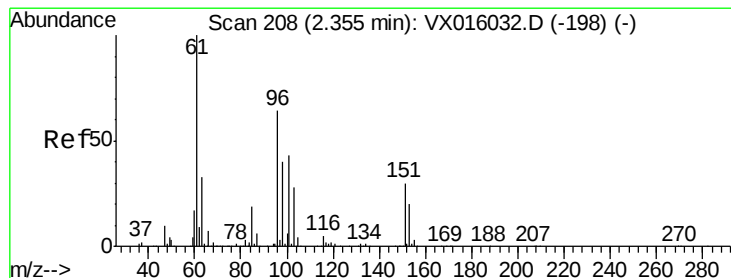
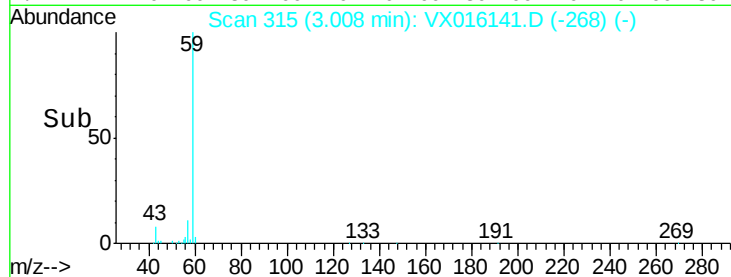
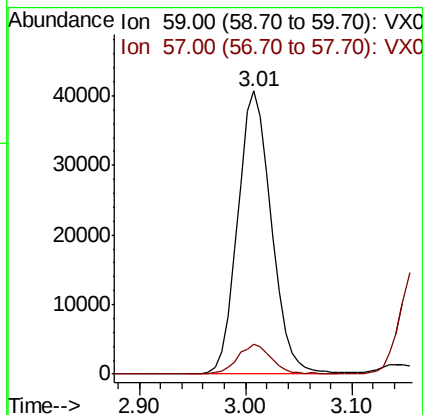
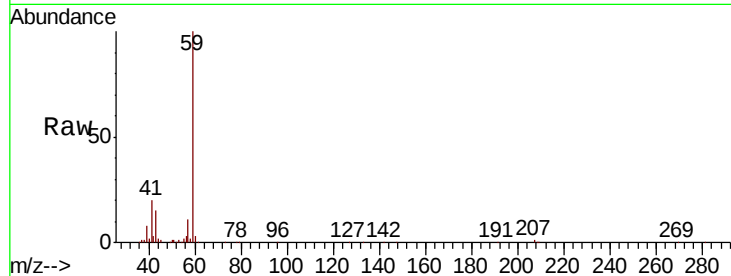


#11

Tert butyl alcohol
 Concen: 91.370 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

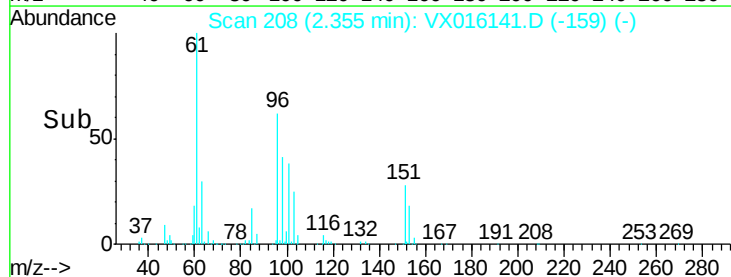
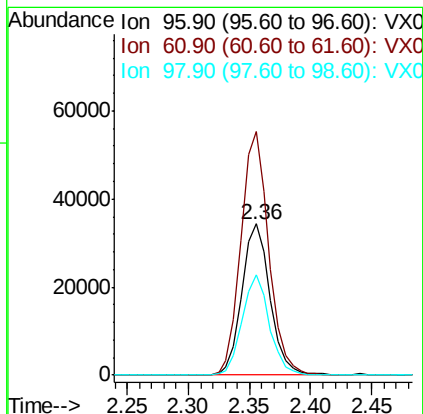
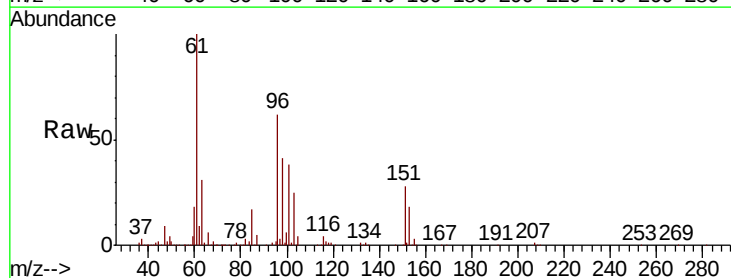
Tot Ion: 59 Resp: 90638
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

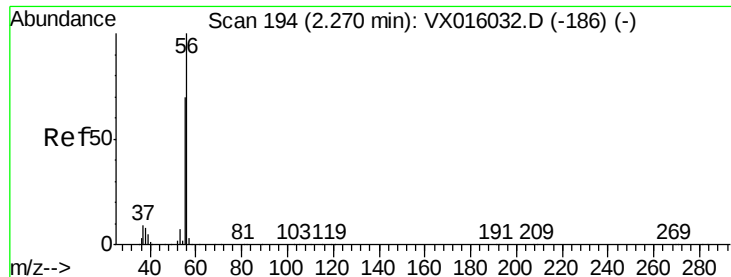


#12

1,1-Dichloroethene
 Concen: 17.467 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion: 96 Resp: 54129
 Ion Ratio Lower Upper
 96 100
 61 162.0 124.8 187.2
 98 66.8 49.7 74.5





#13

Acrolein

Concen: 56.438 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

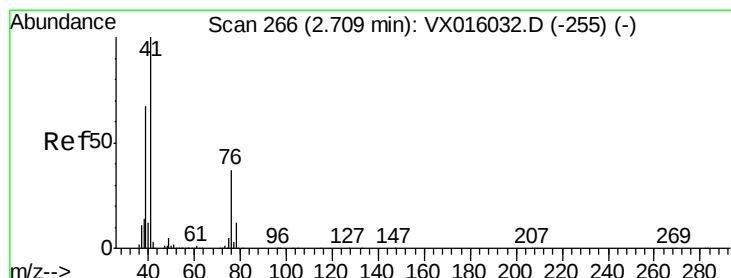
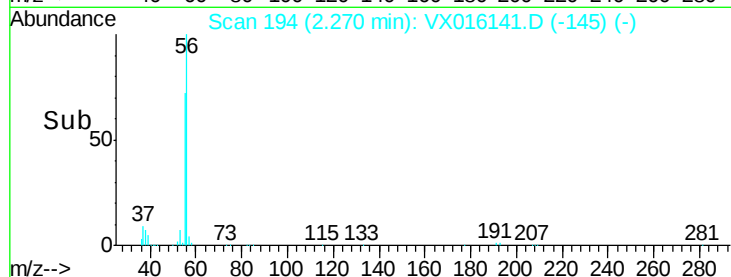
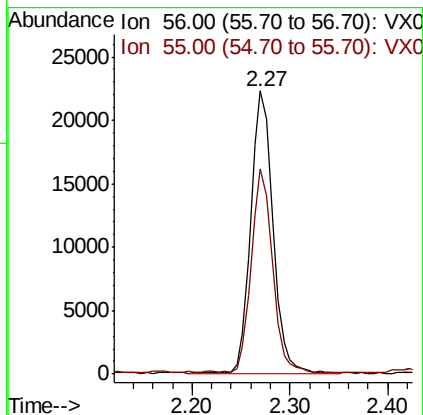
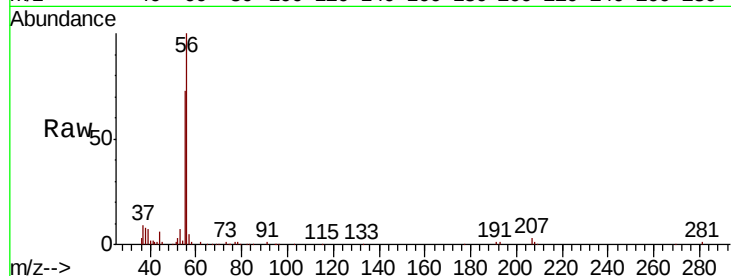
VX0511WBSD01

Tot Ion: 56 Resp: 35034

Ion Ratio Lower Upper

56 100

55 69.4 56.5 84.7



#14

Allyl chloride

Concen: 17.859 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

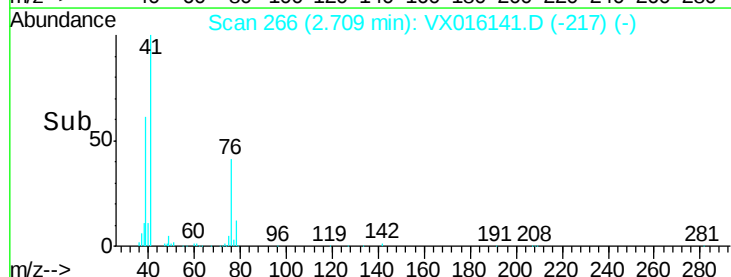
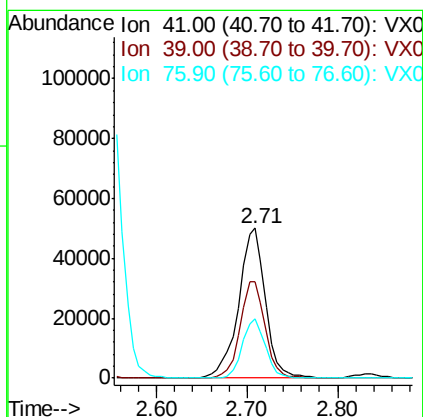
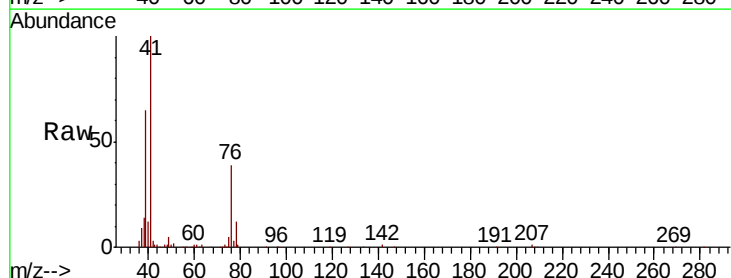
Tgt Ion: 41 Resp: 101472

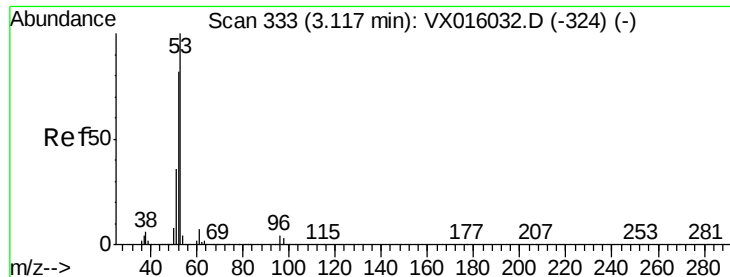
Ion Ratio Lower Upper

41 100

39 60.1 50.5 75.7

76 34.4 26.6 40.0





#15

Acrylonitrile

Concen: 92.079 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

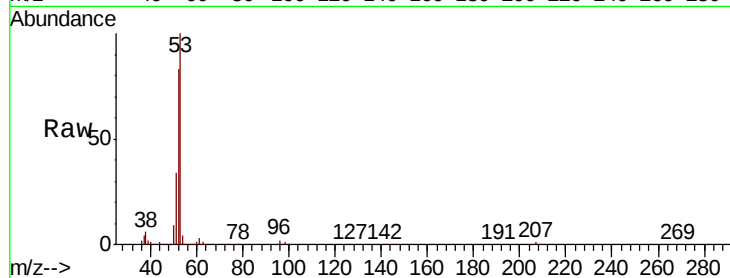
Tot Ion: 53 Resp: 189488

Ion Ratio Lower Upper

53 100

52 82.1 66.1 99.1

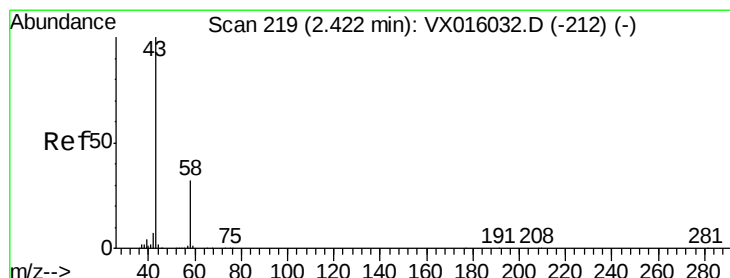
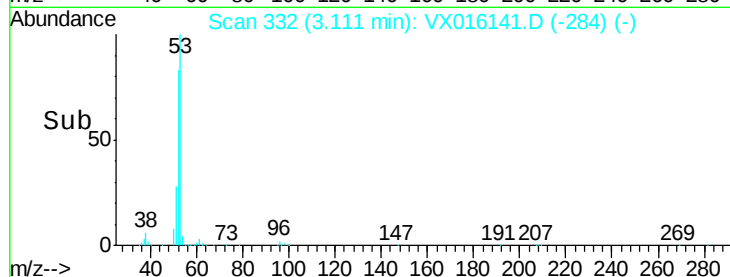
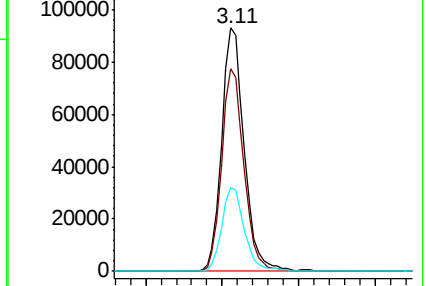
51 35.0 28.8 43.2



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: 87.147 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016141.D

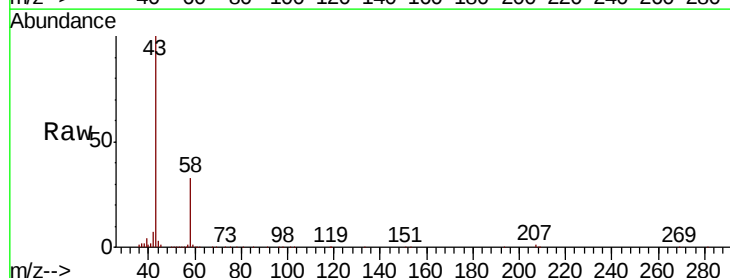
Acq: 11 May 2020 12:17

Tgt Ion: 43 Resp: 152537

Ion Ratio Lower Upper

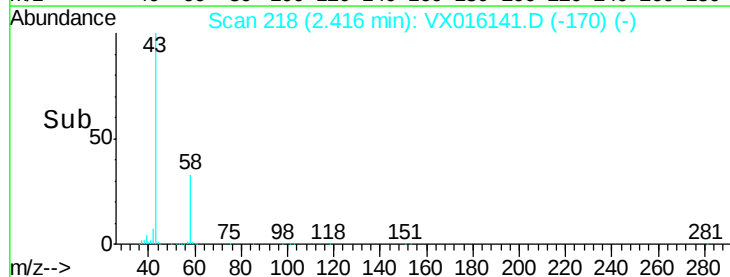
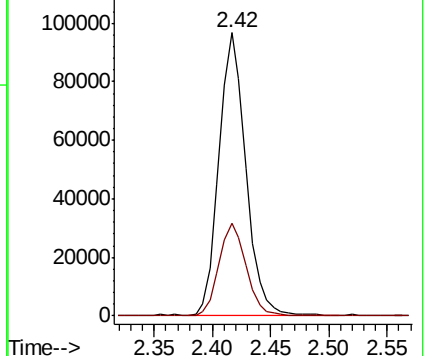
43 100

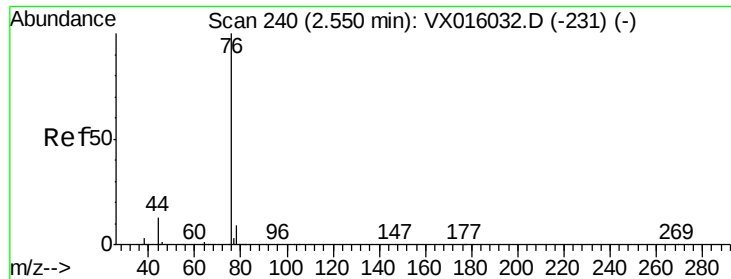
58 32.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.272 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

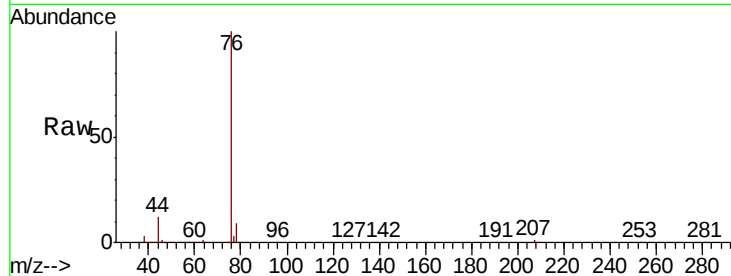
VX0511WBSD01

Tot Ion: 76 Resp: 161994

Ion Ratio Lower Upper

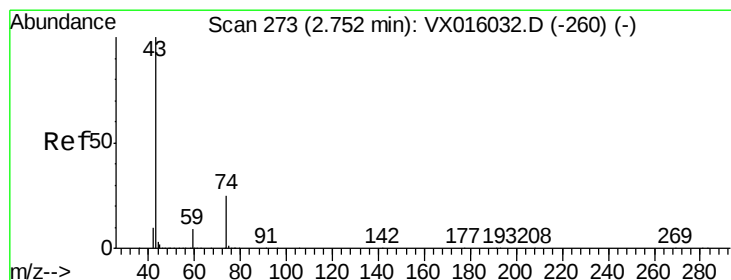
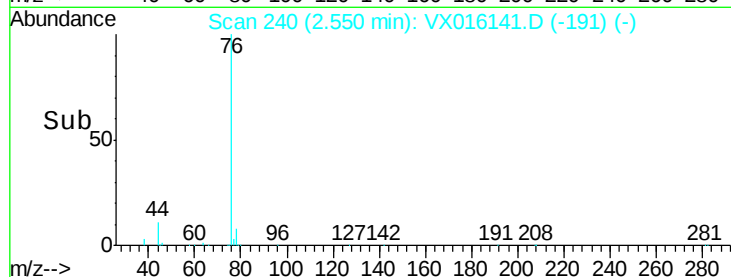
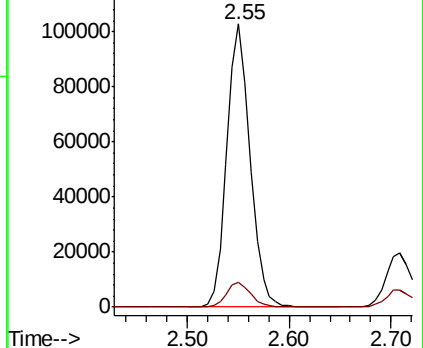
76 100

78 8.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.108 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016141.D

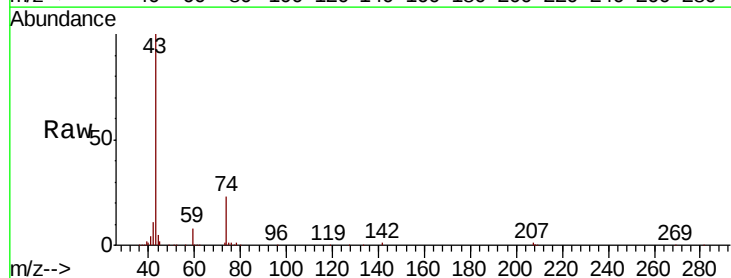
Acq: 11 May 2020 12:17

Tgt Ion: 43 Resp: 82235

Ion Ratio Lower Upper

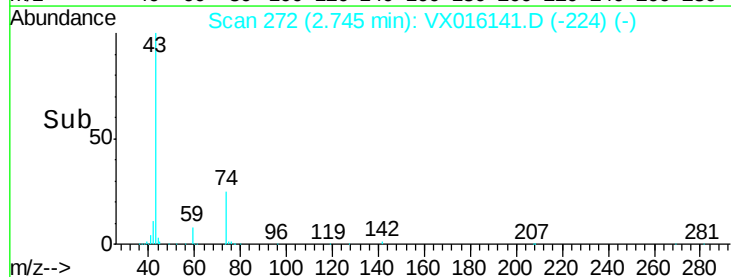
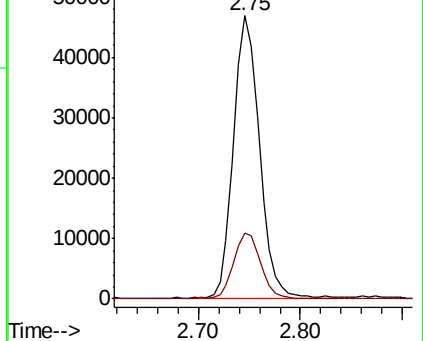
43 100

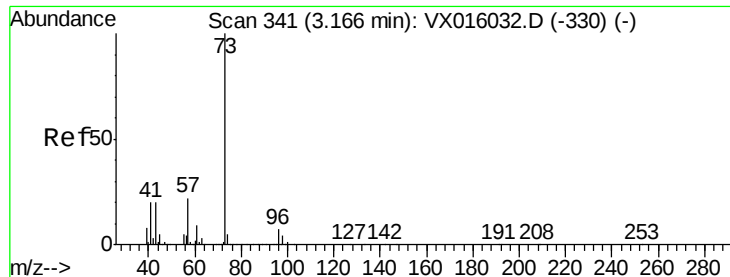
74 24.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



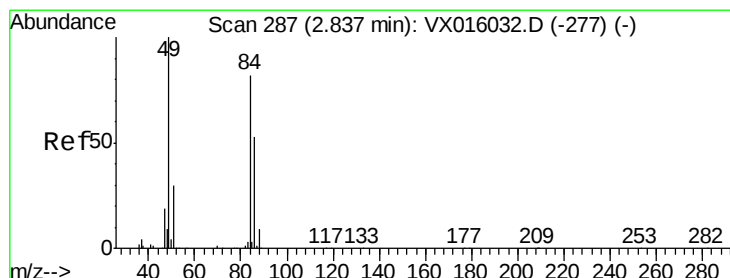
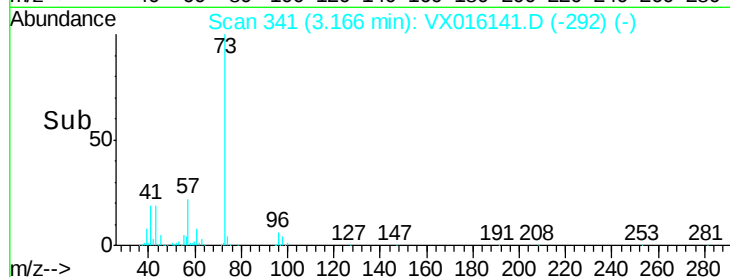
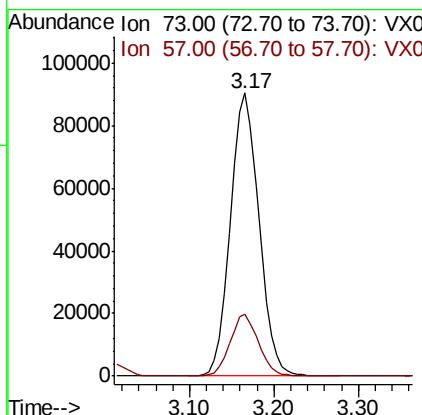
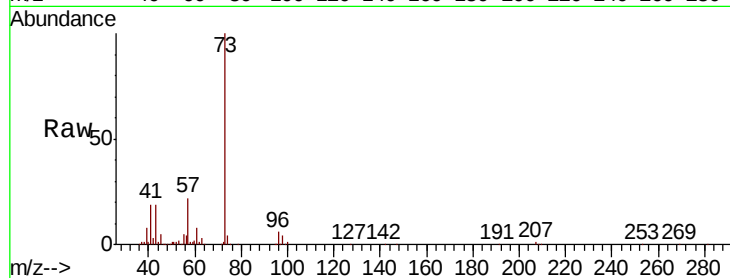


#19

Methyl tert-butyl Ether
 Concen: 19.403 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

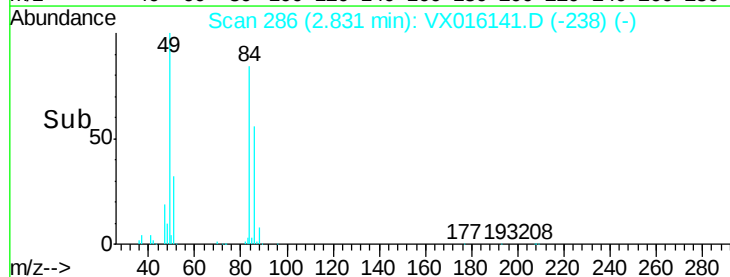
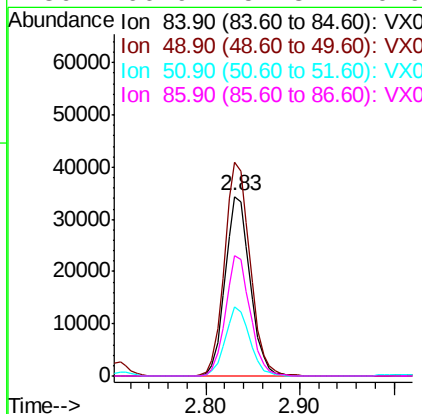
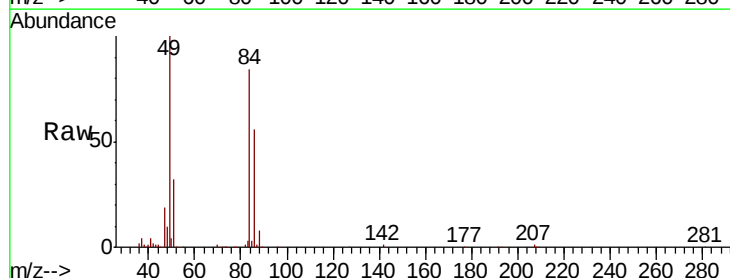
Tot Ion: 73 Resp: 207274
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.6

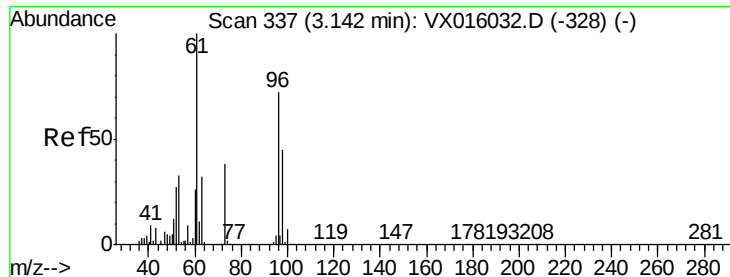


#20

Methylene Chloride
 Concen: 17.584 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion: 84 Resp: 63447
 Ion Ratio Lower Upper
 84 100
 49 119.0 97.3 145.9
 51 38.5 29.3 43.9
 86 66.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.464 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

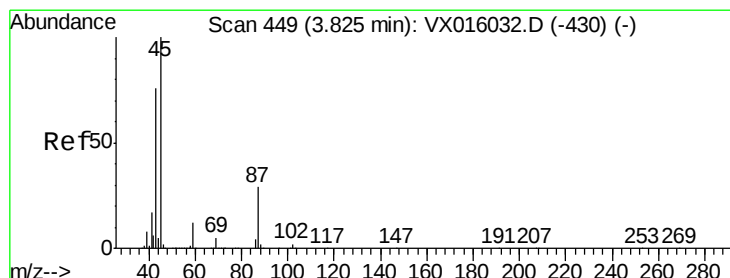
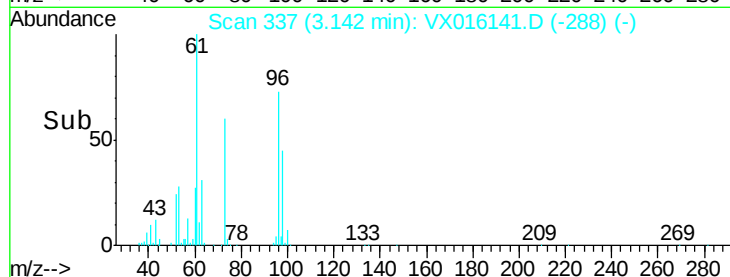
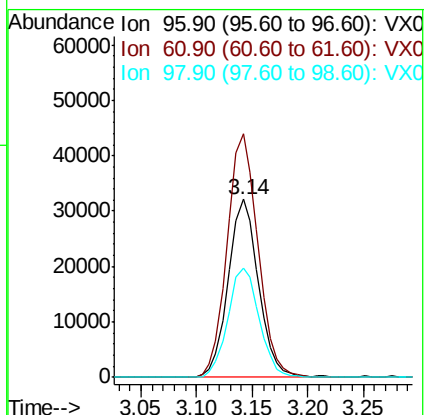
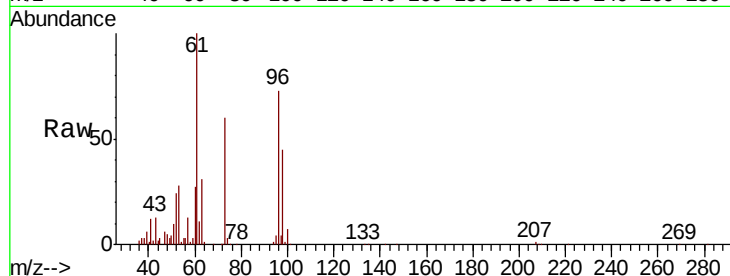
Tot Ion: 96 Resp: 60308

Ion Ratio Lower Upper

96 100

61 137.1 111.2 166.8

98 61.7 50.2 75.4



#22

Diisopropyl ether

Concen: 18.659 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Tgt Ion: 45 Resp: 200011

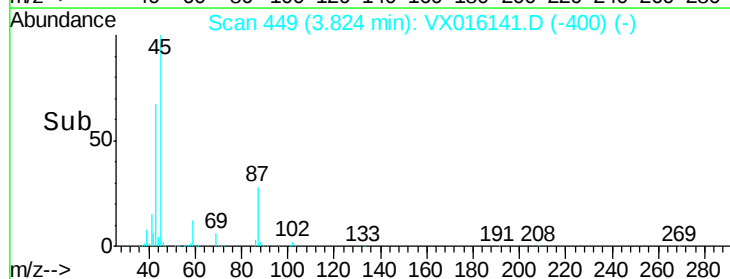
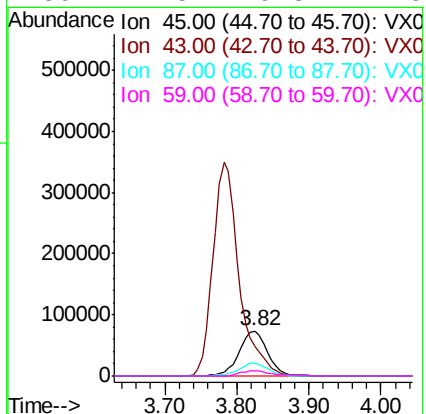
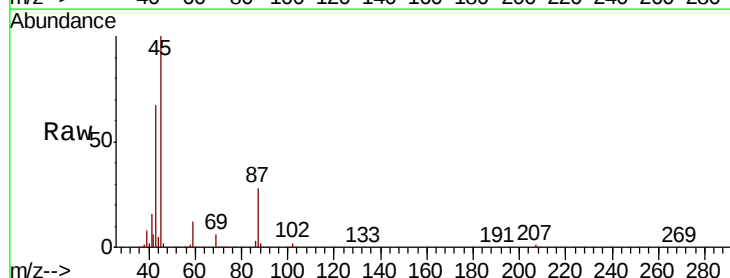
Ion Ratio Lower Upper

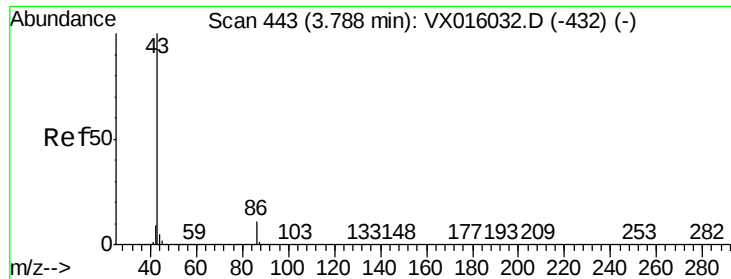
45 100

43 66.4 61.1 91.7

87 28.2 23.0 34.6

59 11.5 9.8 14.6





#23

Vinyl Acetate

Concen: 93.559 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

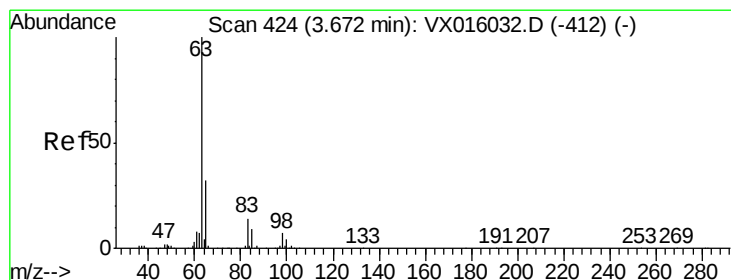
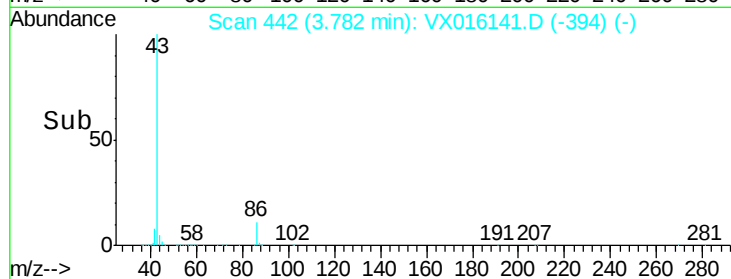
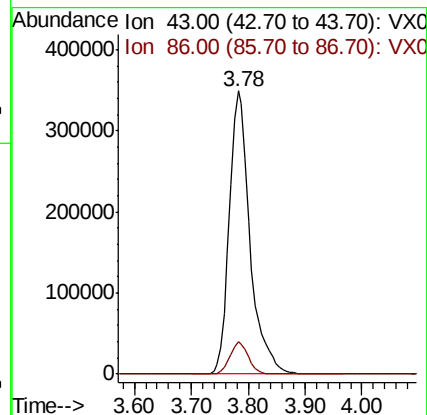
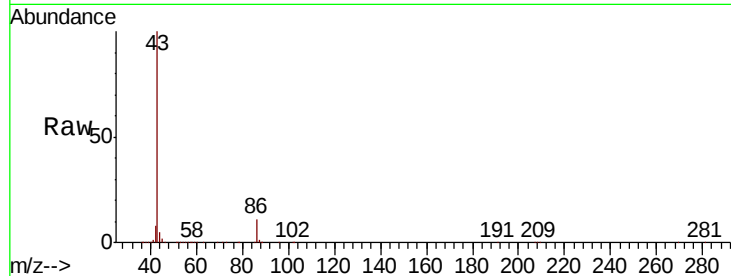
VX0511WBSD01

Tot Ion: 43 Resp: 882338

Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.4



#24

1,1-Dichloroethane

Concen: 18.552 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

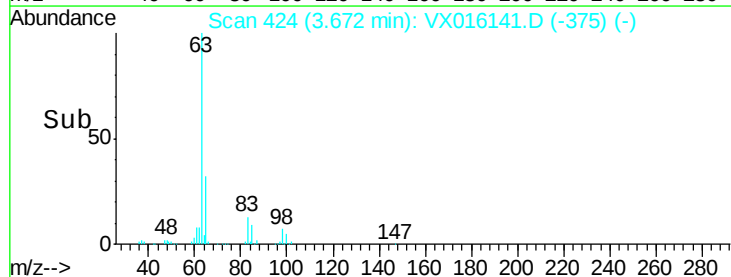
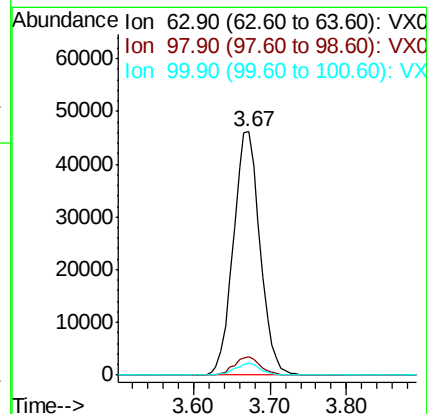
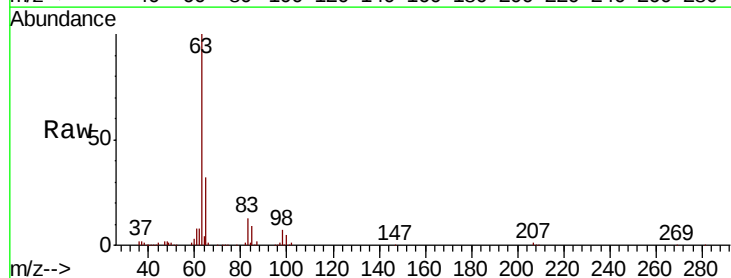
Tgt Ion: 63 Resp: 111247

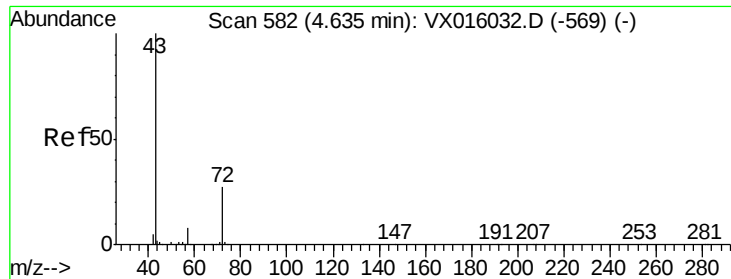
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.8 2.1 6.5

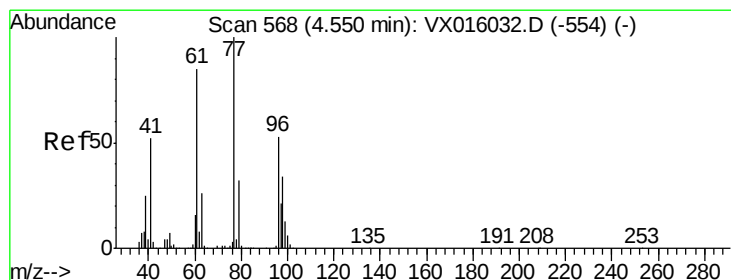
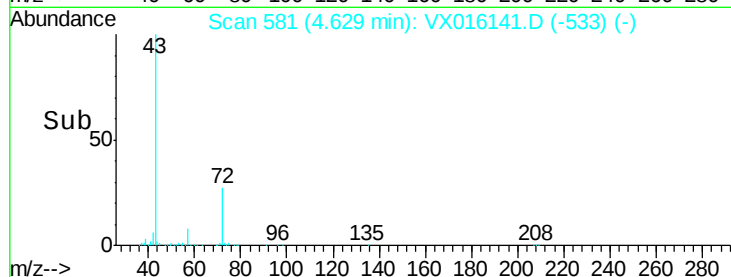
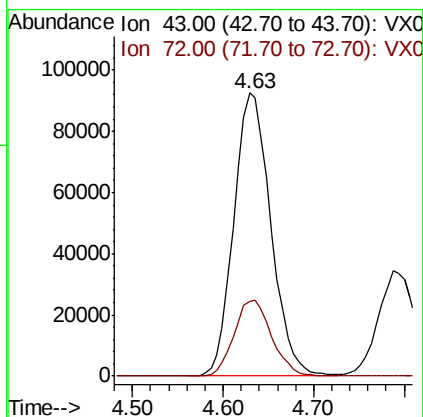
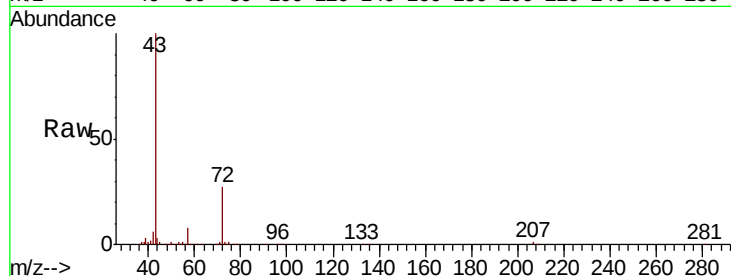




#25
2-Butanone
Concen: 92.289 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

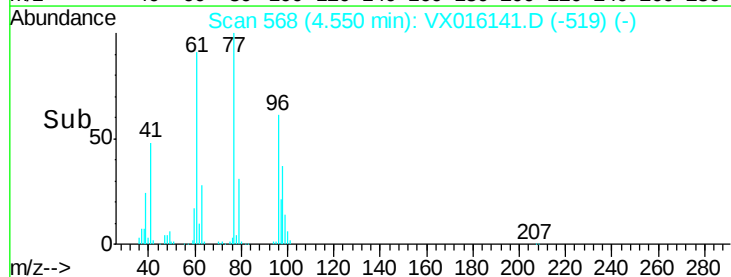
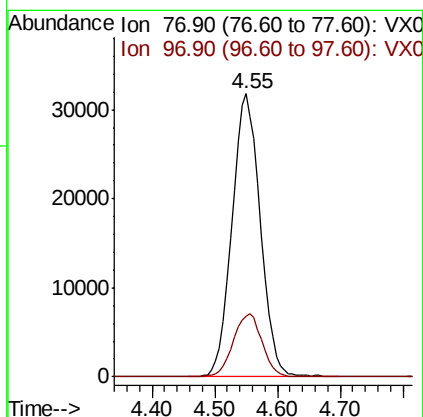
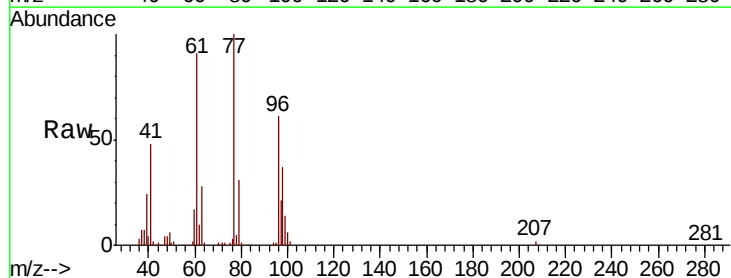
Instrument :
MSVOA_X
ClientSampled :
VX0511WBSD01

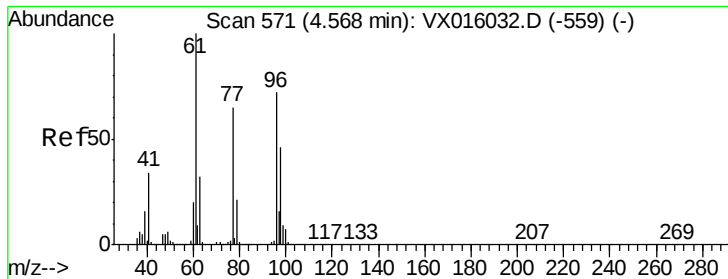
Tot Ion: 43 Resp: 260302
Ion Ratio Lower Upper
43 100
72 26.5 21.8 32.8



#26
2,2-Dichloropropane
Concen: 18.091 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion: 77 Resp: 99073
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



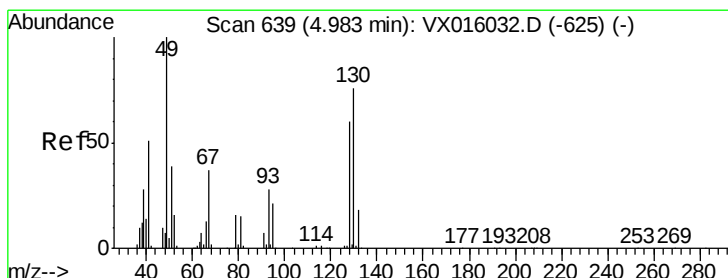
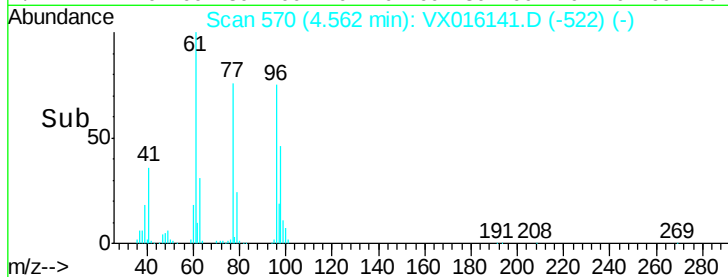
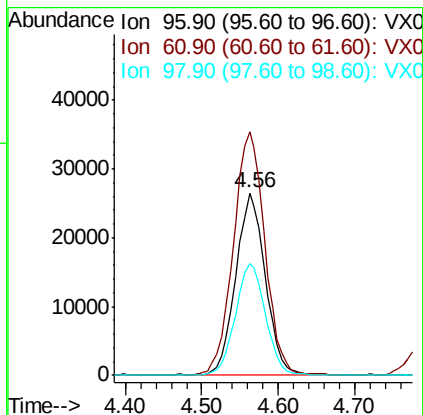
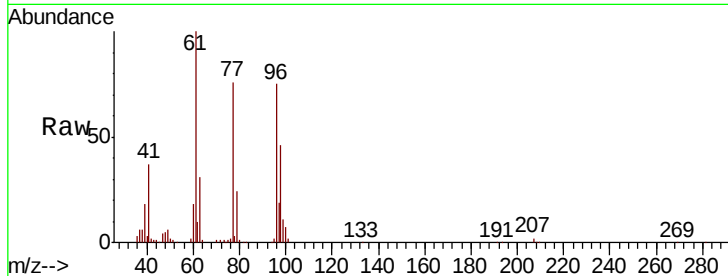


#27

cis-1,2-Dichloroethene
 Concen: 18.670 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

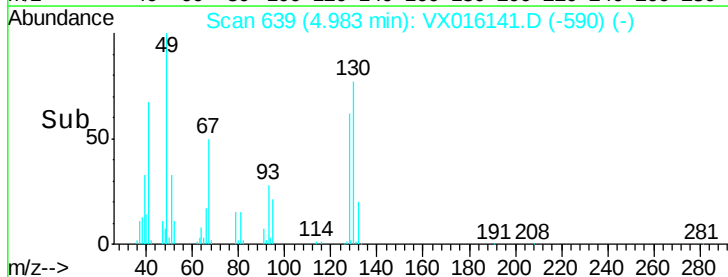
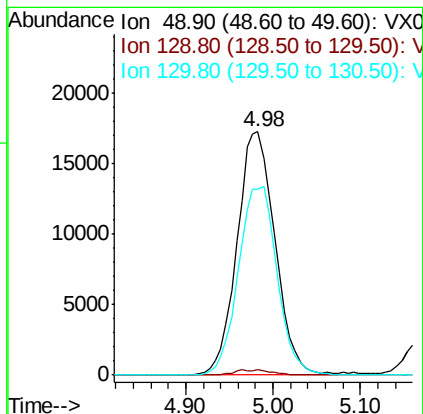
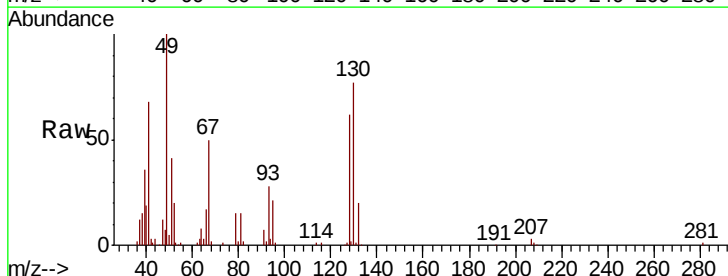
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	296.2
98	63.0	0.0	129.4

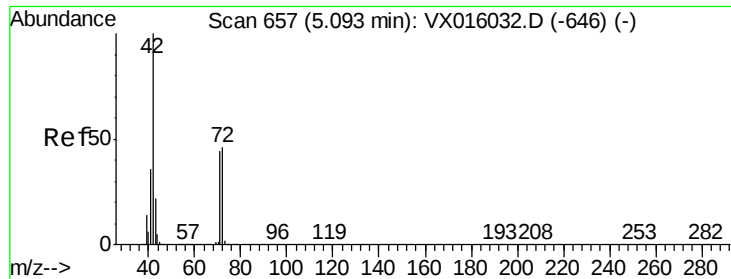


#28

Bromochloromethane
 Concen: 19.089 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	79.0	62.4	93.6





#29

Tetrahydrofuran

Concen: 92.308 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

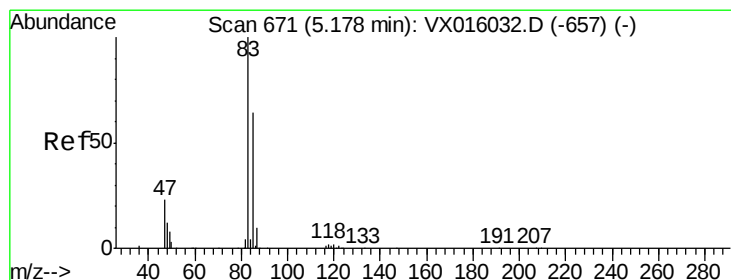
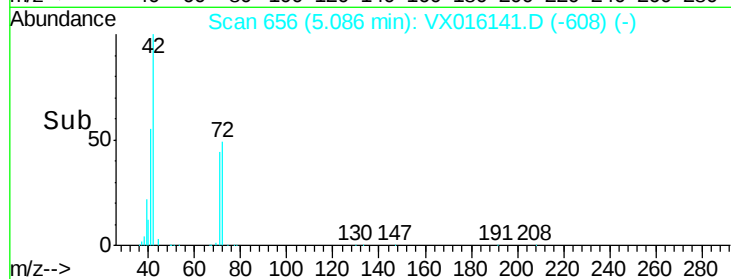
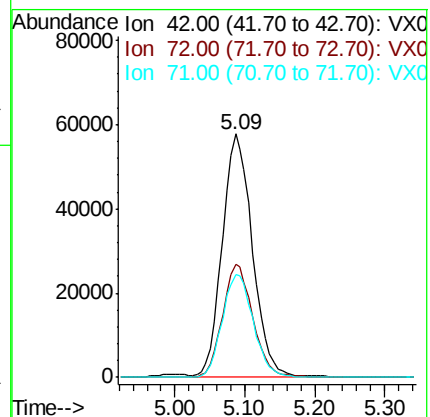
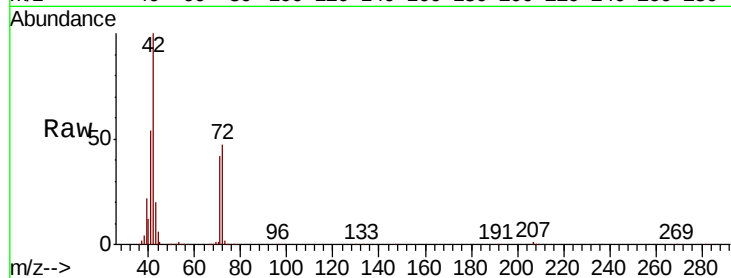
Tot Ion: 42 Resp: 172512

Ion Ratio Lower Upper

42 100

72 46.8 37.1 55.7

71 43.6 34.5 51.7



#30

Chloroform

Concen: 18.589 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016141.D

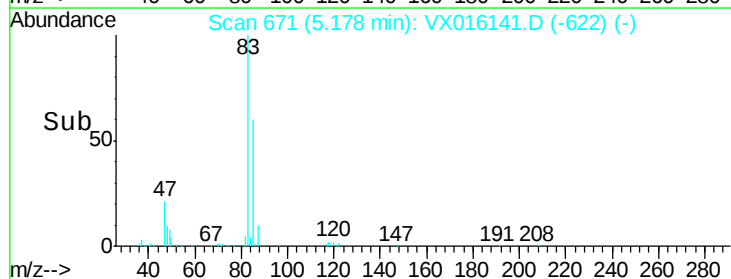
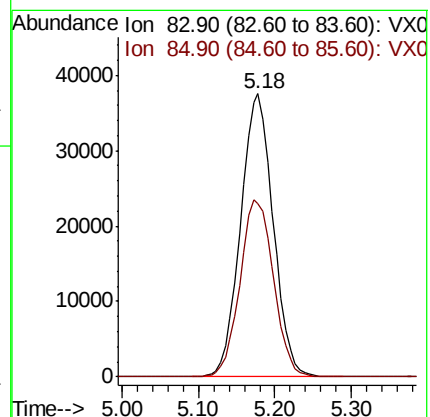
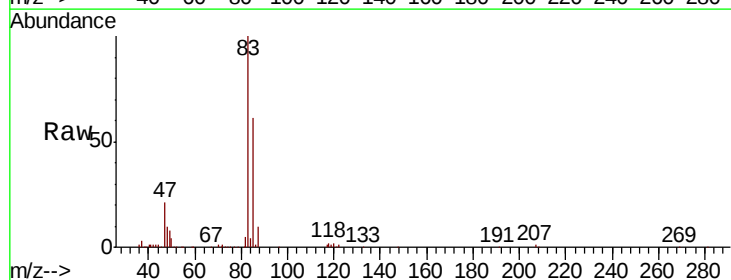
Acq: 11 May 2020 12:17

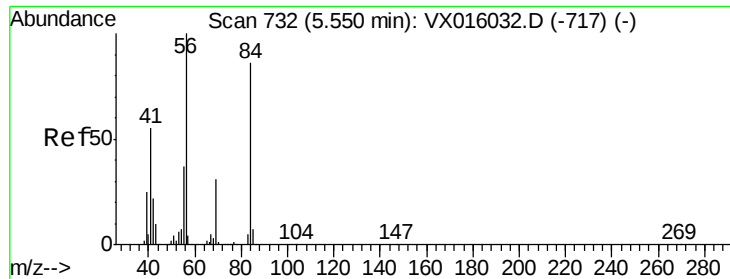
Tgt Ion: 83 Resp: 110987

Ion Ratio Lower Upper

83 100

85 61.4 51.6 77.4

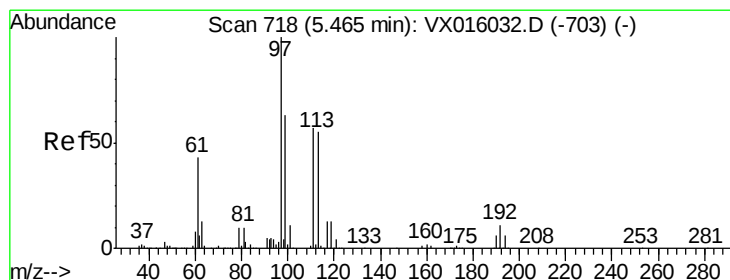
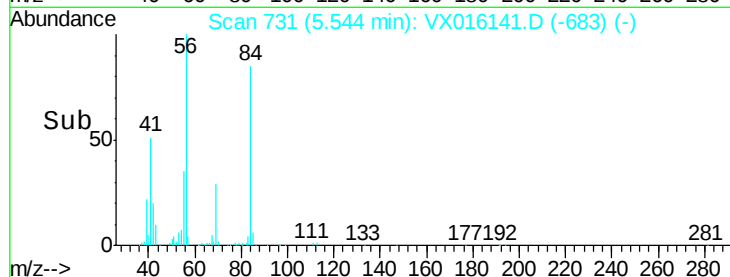
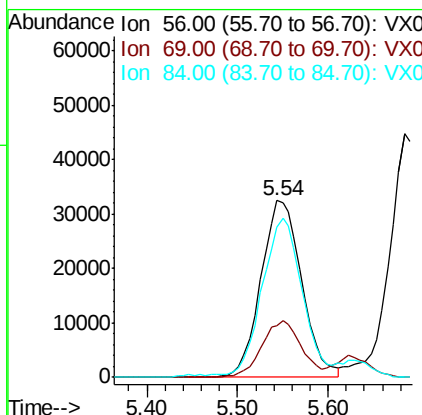
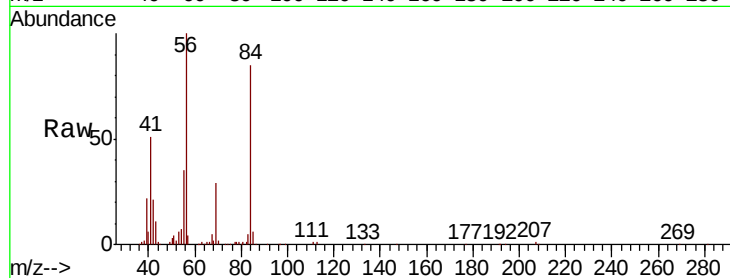




#31
Cyclohexane
Concen: 18.558 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

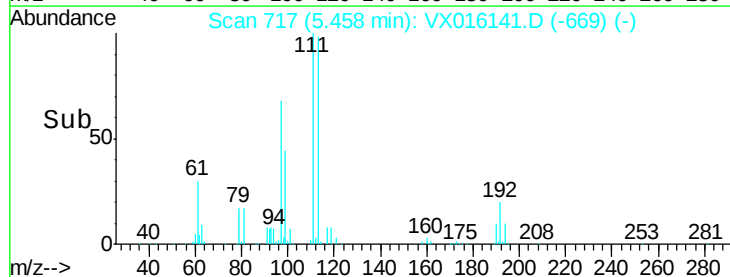
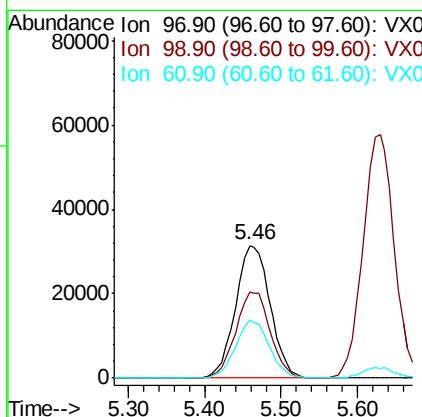
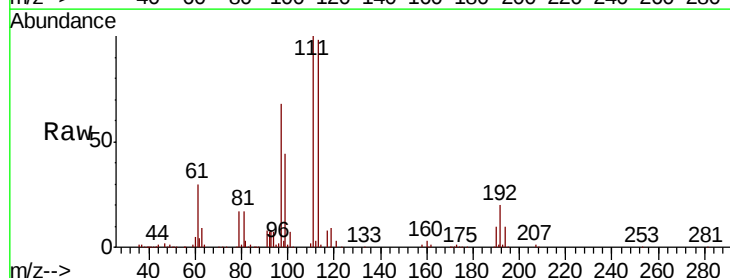
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

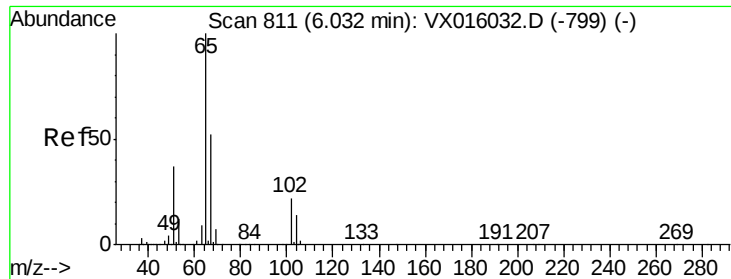
Tot Ion: 56 Resp: 101133
Ion Ratio Lower Upper
56 100
69 29.5 25.0 37.6
84 83.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.199 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion: 97 Resp: 98765
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.927 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

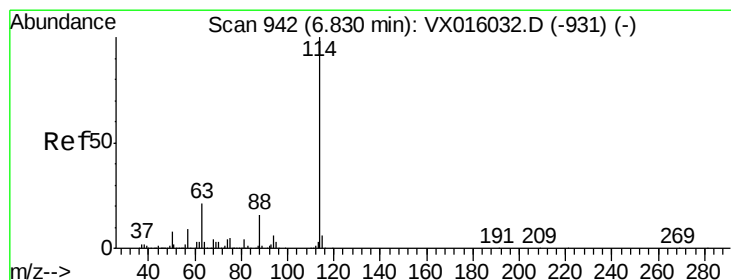
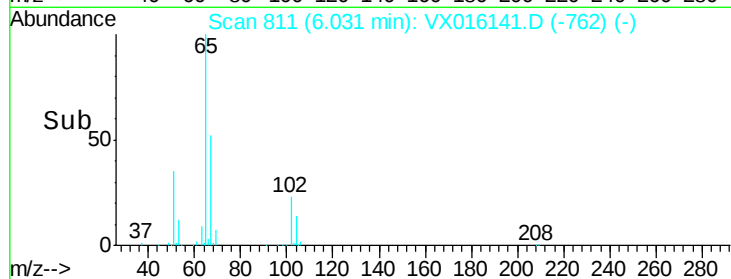
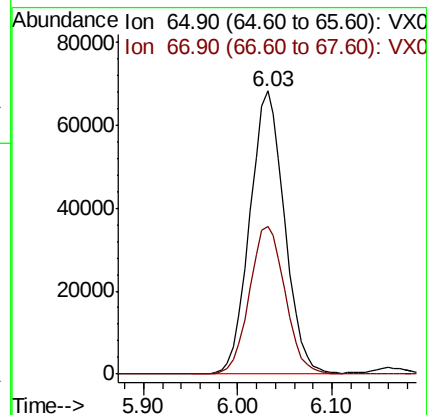
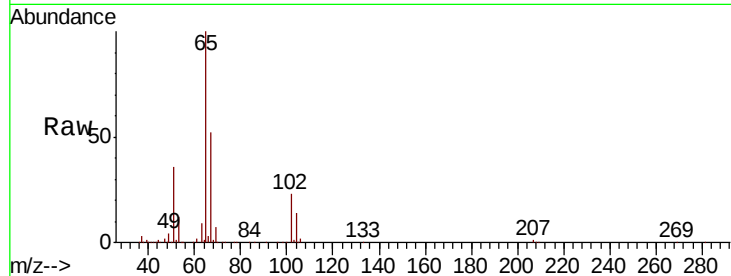
VX0511WBSD01

Tot Ion: 65 Resp: 176242

Ion Ratio Lower Upper

65 100

67 53.6 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: VX016141.D

Acq: 11 May 2020 12:17

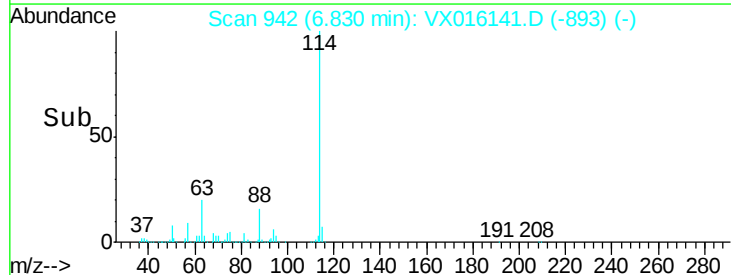
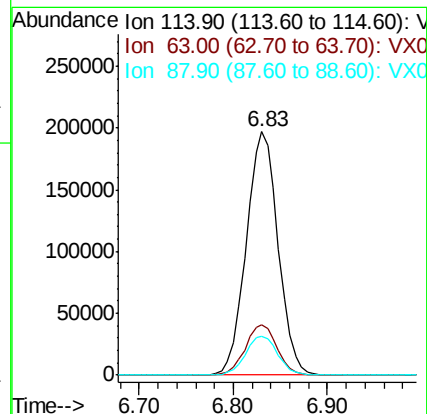
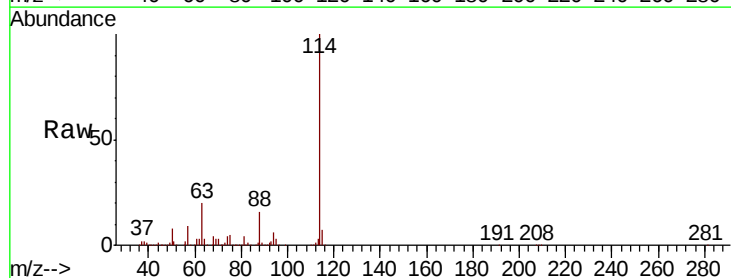
Tgt Ion: 114 Resp: 464694

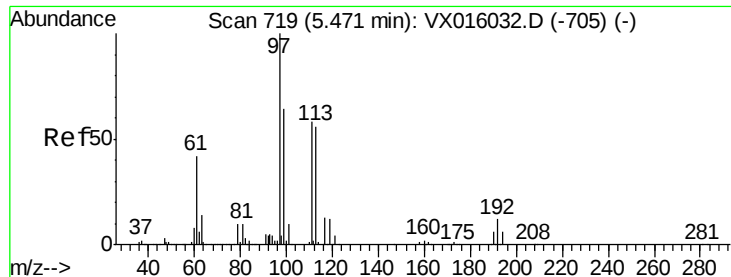
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 15.9 0.0 31.4

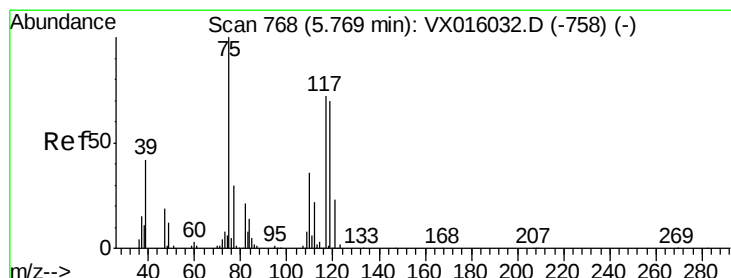
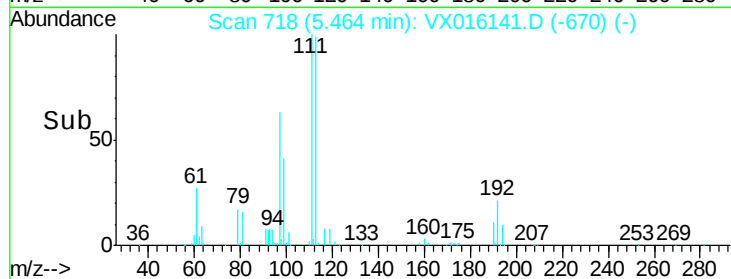
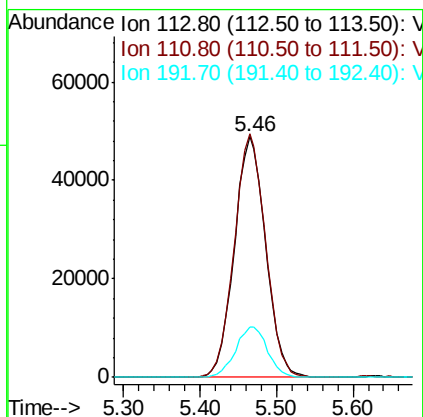
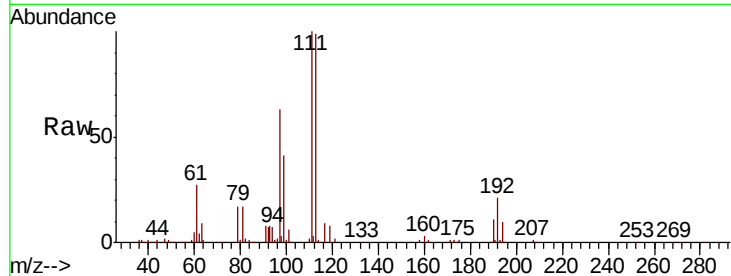




#35
 Dibromofluoromethane
 Concen: 47.021 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

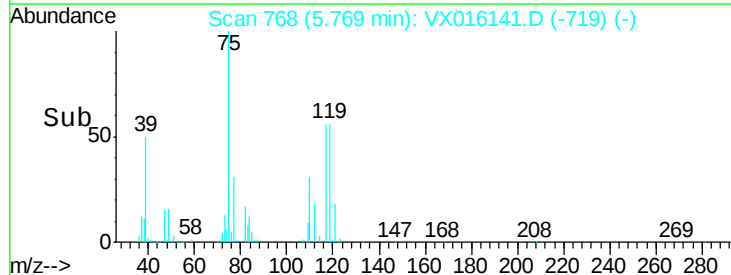
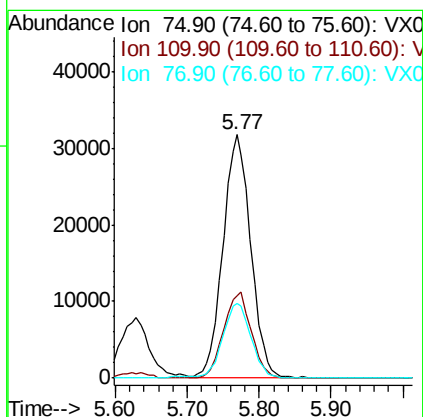
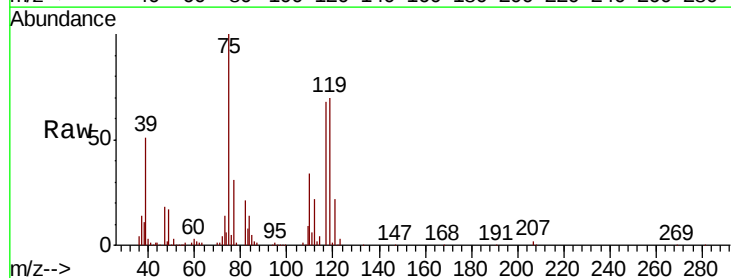
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

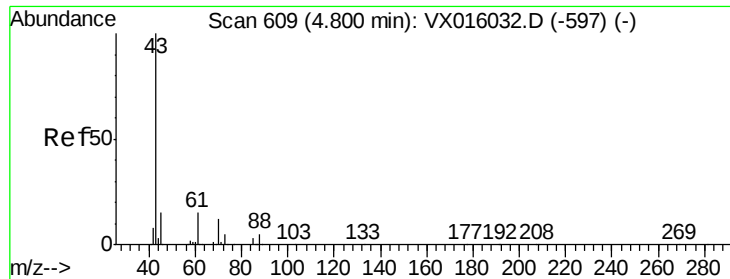
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	21.4	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 18.668 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	18.1	54.1
77	30.6	25.0	37.6

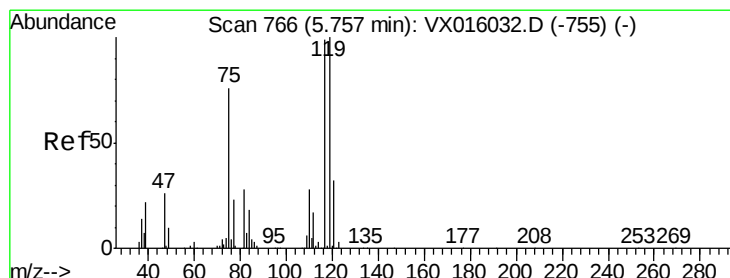
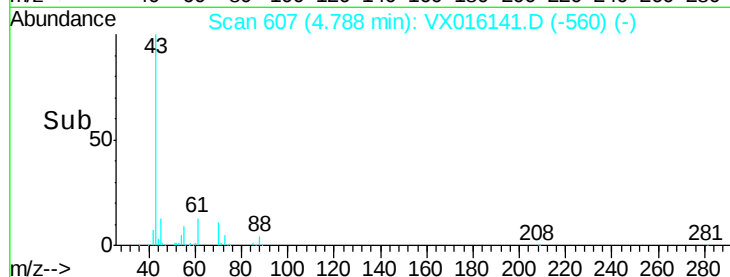
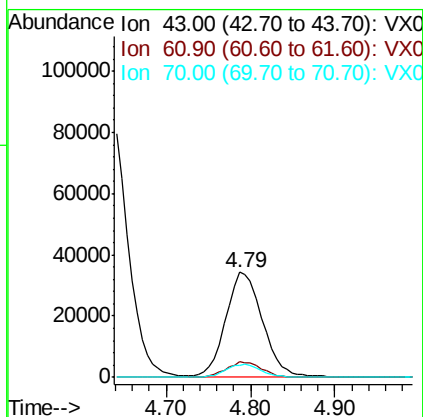
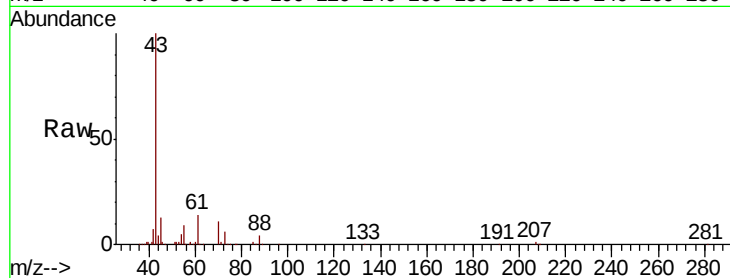




#37
Ethyl Acetate
Concen: 18.951 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

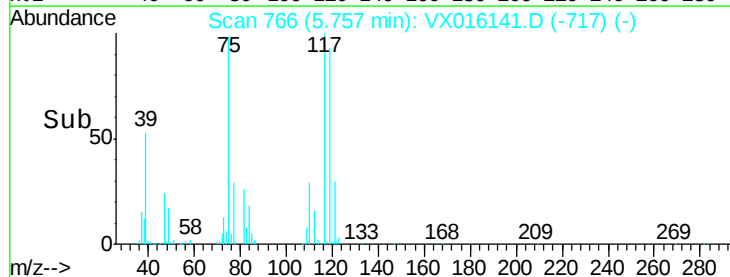
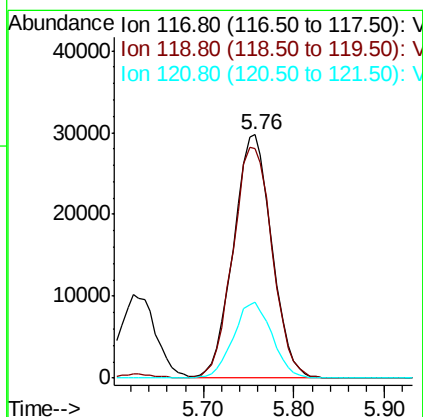
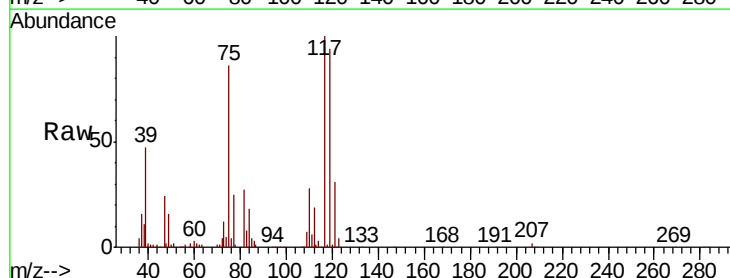
Instrument :
MSVOA_X
ClientSampled :
VX0511WBSD01

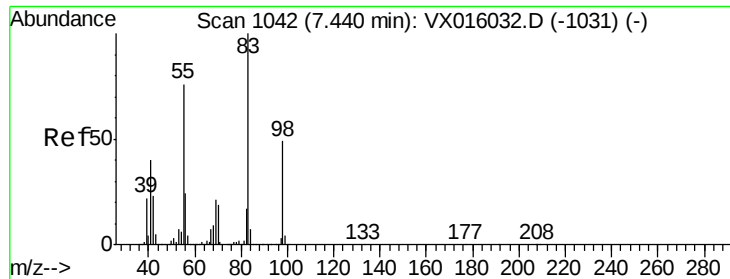
Tot Ion	43	Resp	100470
Ion Ratio	100		
Lower	11.7		
Upper	17.5		
70	12.1	9.3	13.9



#38
Carbon Tetrachloride
Concen: 18.766 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion	117	Resp	87251
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	80.3		
Upper	120.5		
119	94.3	25.7	38.5
121	31.0		





#39

Methvlcvclohexane

Concen: 18.865 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

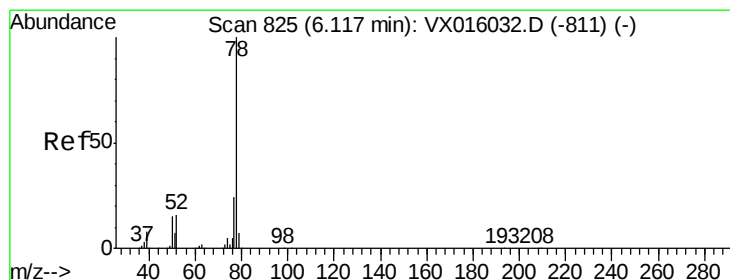
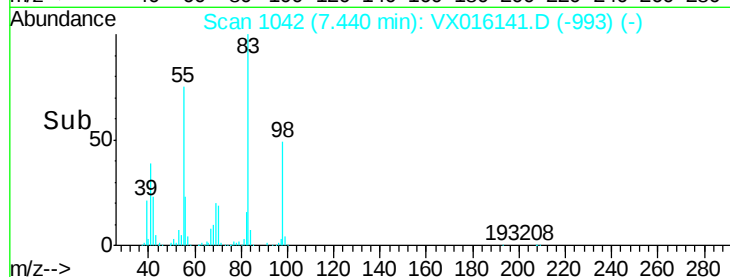
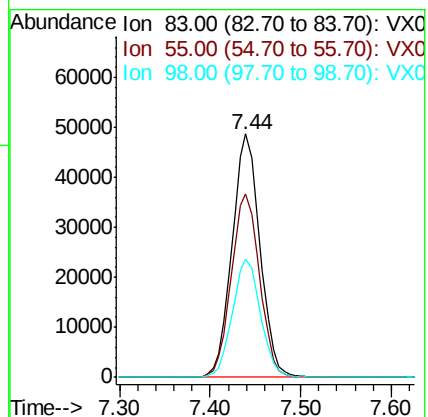
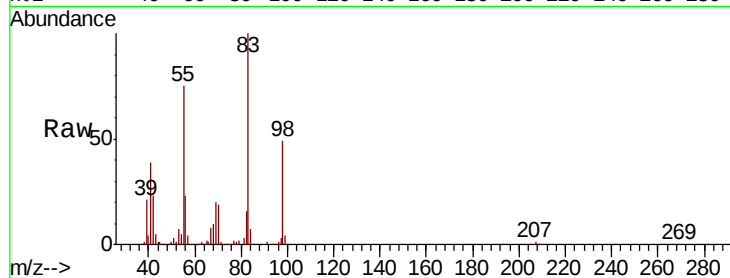
Tot Ion: 83 Resp: 103920

Ion Ratio Lower Upper

83 100

55 75.5 61.1 91.7

98 48.7 39.0 58.4



#40

Benzene

Concen: 18.933 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016141.D

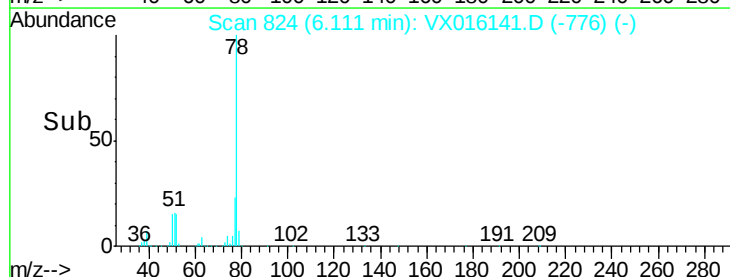
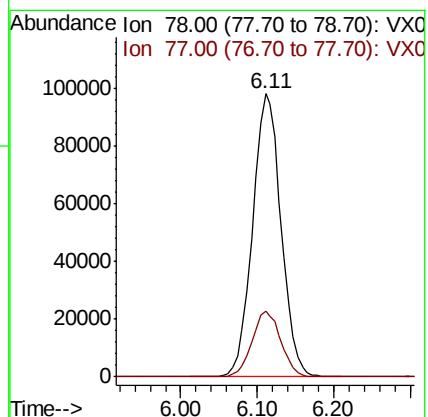
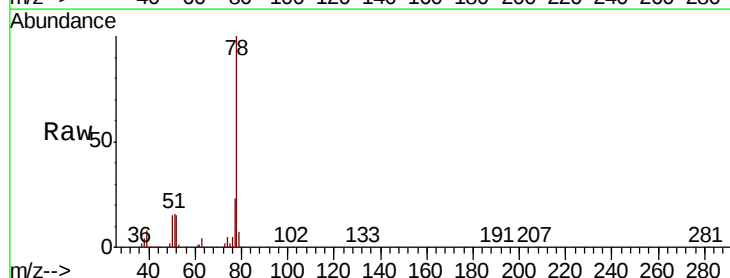
Acq: 11 May 2020 12:17

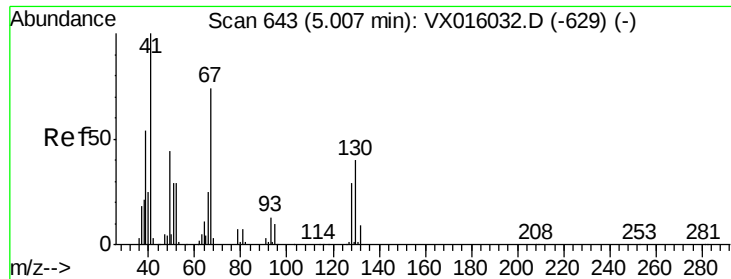
Tgt Ion: 78 Resp: 253401

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

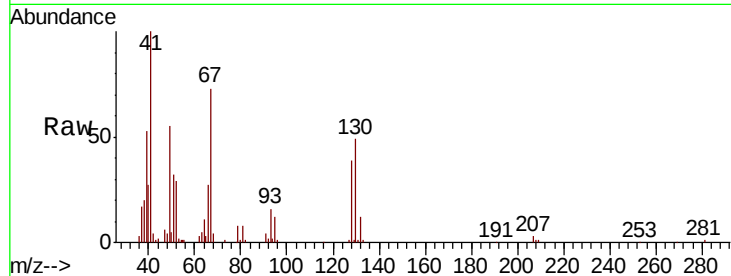




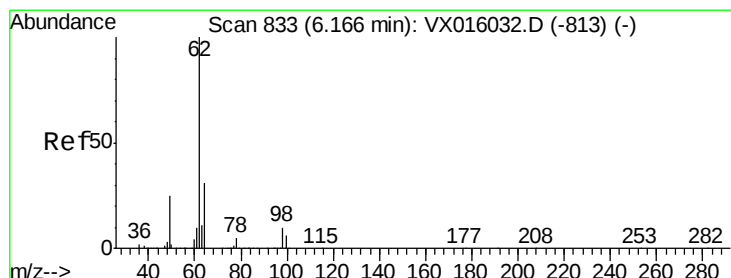
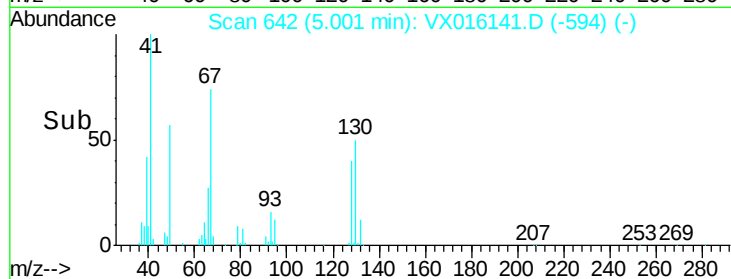
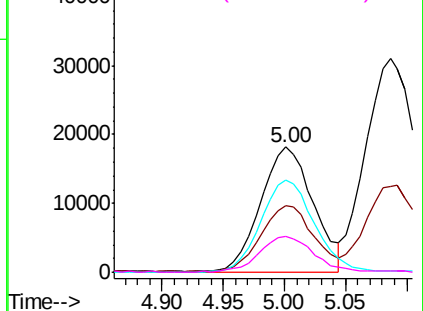
#41
Methacrylonitrile
Concen: 18.910 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tot Ion:	41	Resp:	54144
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.2	64.8
67	75.9	59.3	88.9
52	30.2	23.5	35.3

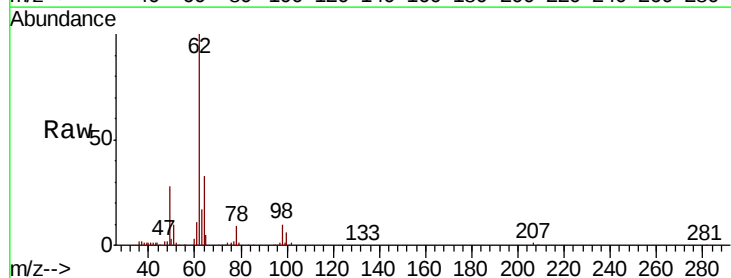


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

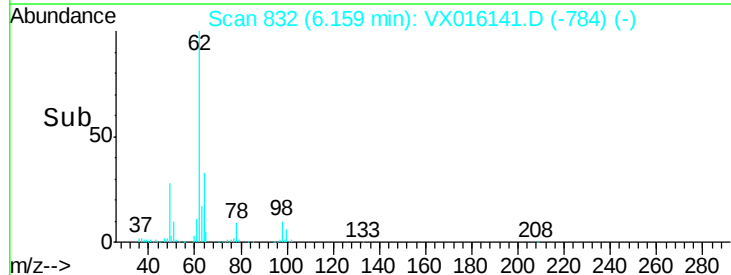
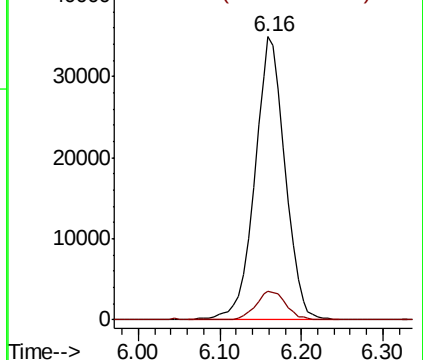


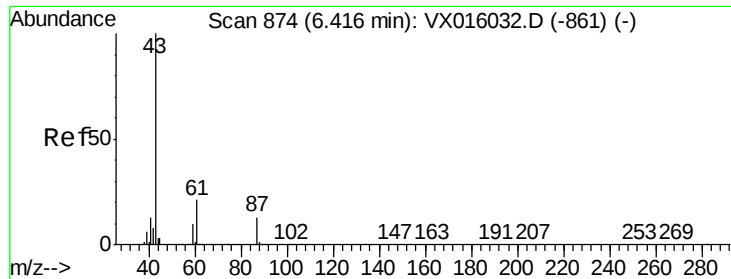
#42
1,2-Dichloroethane
Concen: 18.697 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion:	62	Resp:	90145
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



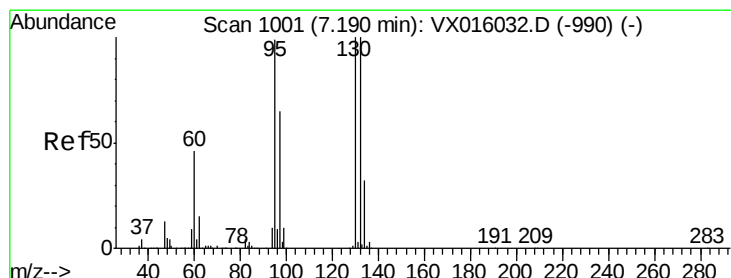
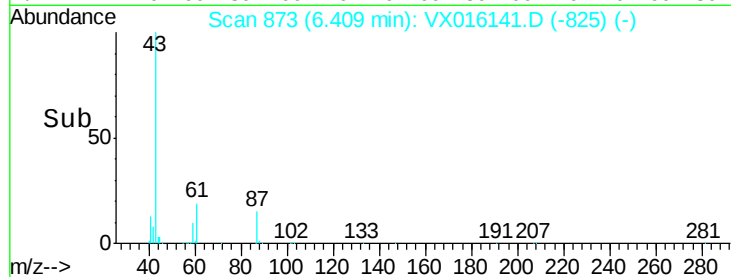
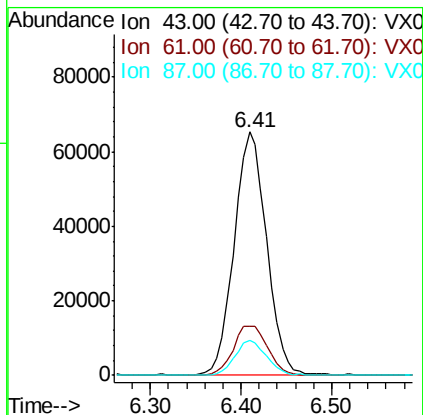
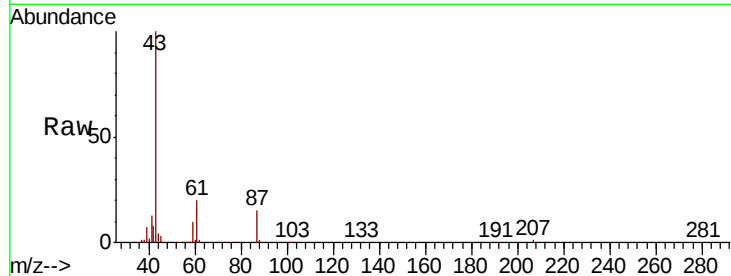


#43

Isopropyl Acetate
 Concen: 19.102 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

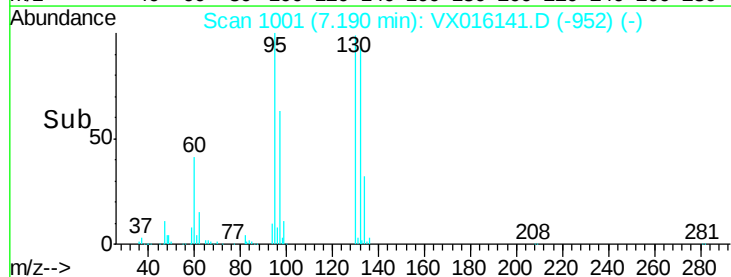
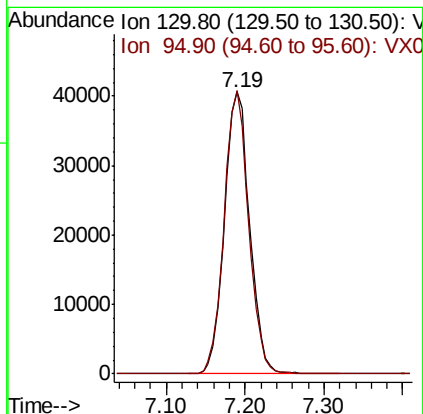
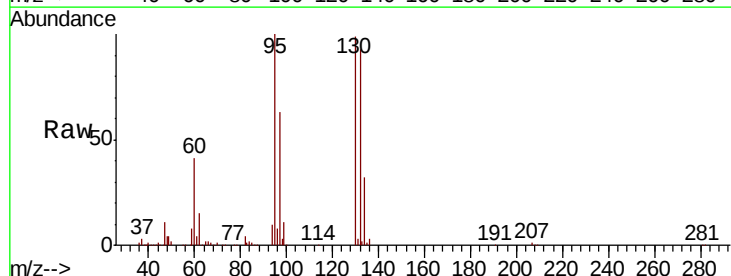
Tot Ion	43	Resp	161581
Ion Ratio	Lower	Upper	
43	100		
61	21.6	17.0	25.4
87	14.2	11.0	16.6

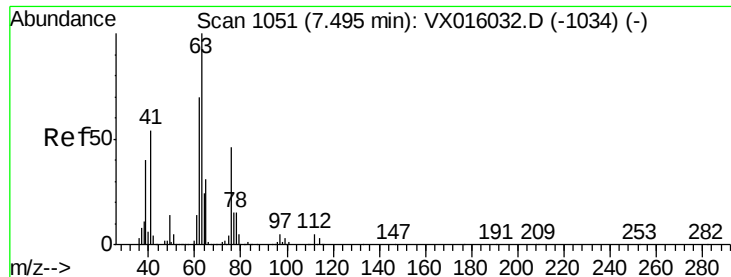


#44

Trichloroethene
 Concen: 19.001 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion	130	Resp	90347
Ion Ratio	Lower	Upper	
130	100		
95	100.6	0.0	197.4





#45

1,2-Dichloropropane

Concen: 19.557 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

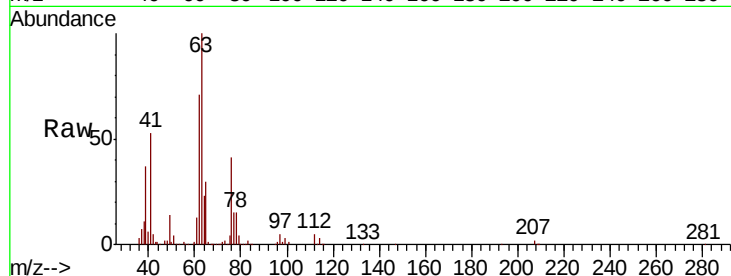
VX0511WBSD01

Tot Ion: 63 Resp: 66233

Ion Ratio Lower Upper

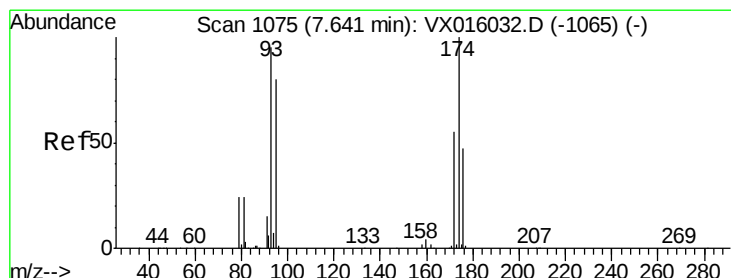
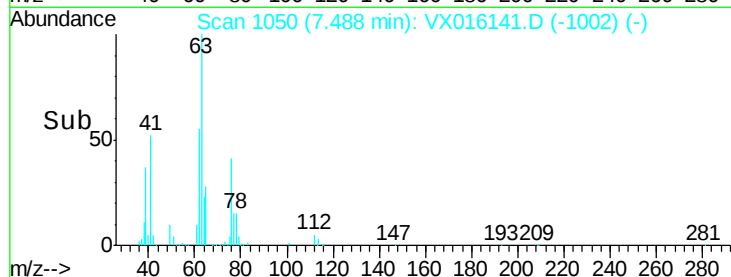
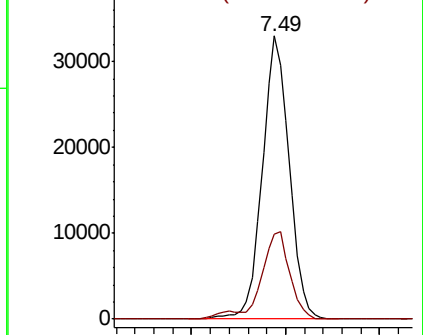
63 100

65 29.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.296 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

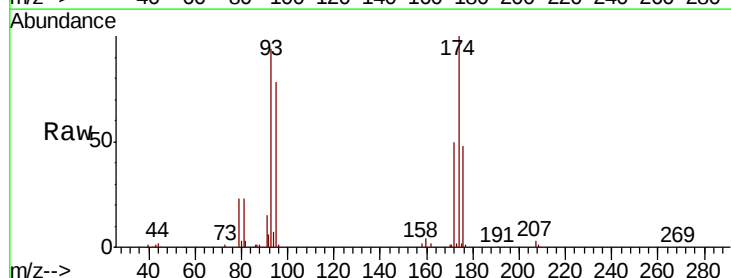
Tgt Ion: 93 Resp: 44408

Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

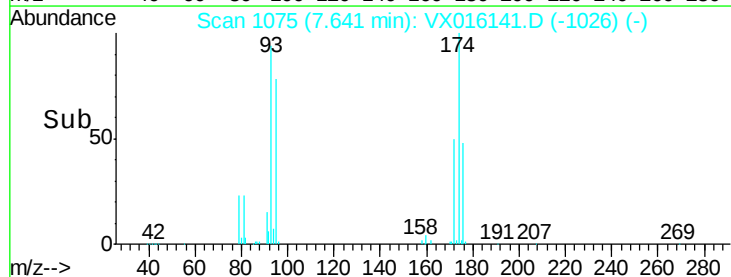
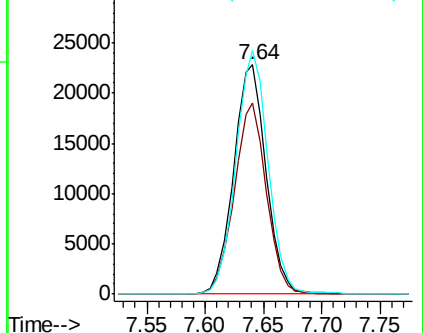
174 105.3 84.2 126.4

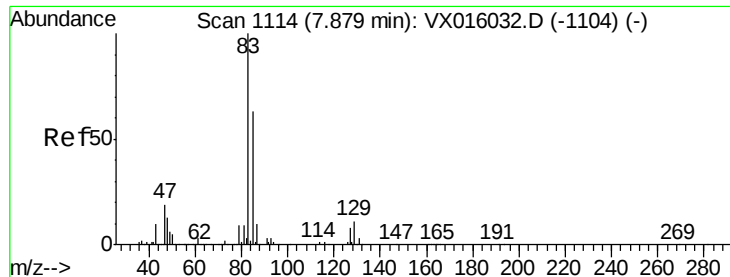


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.341 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

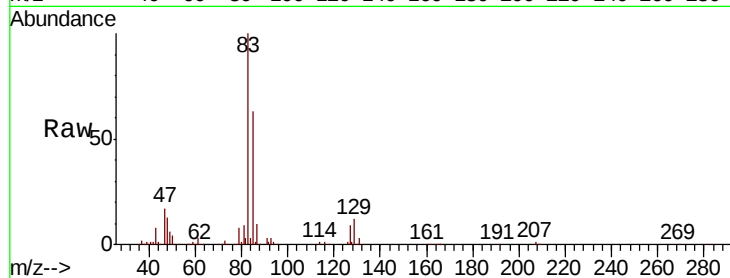
Tot Ion: 83 Resp: 90654

Ion Ratio Lower Upper

83 100

85 63.3 50.5 75.7

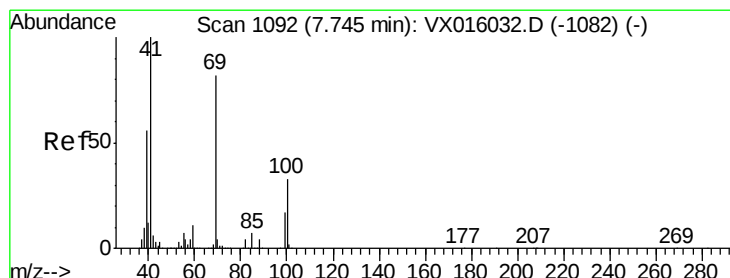
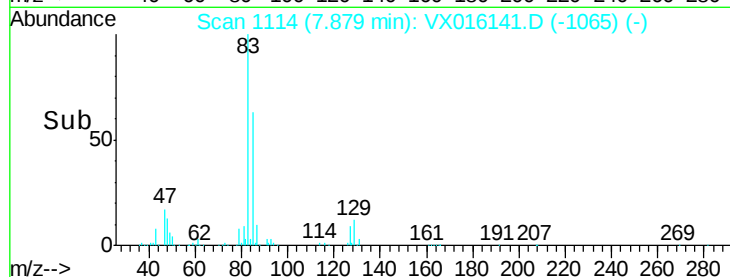
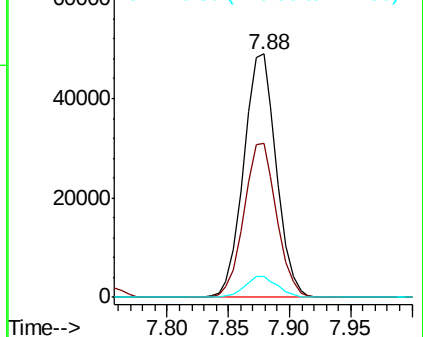
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.616 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

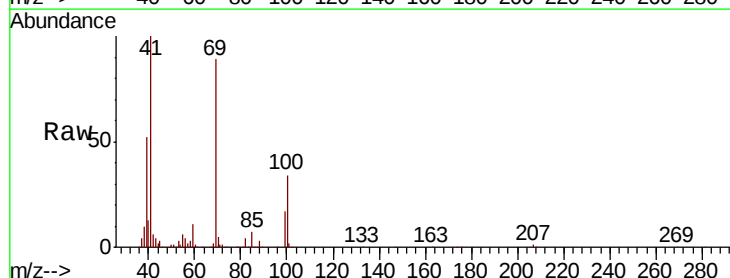
Tgt Ion: 41 Resp: 74620

Ion Ratio Lower Upper

41 100

69 87.8 67.8 101.6

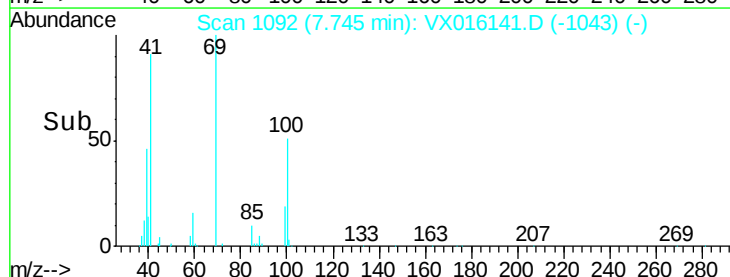
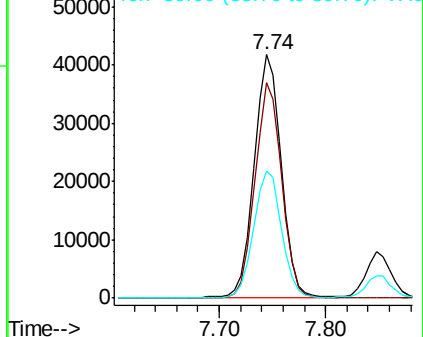
39 53.7 44.6 67.0

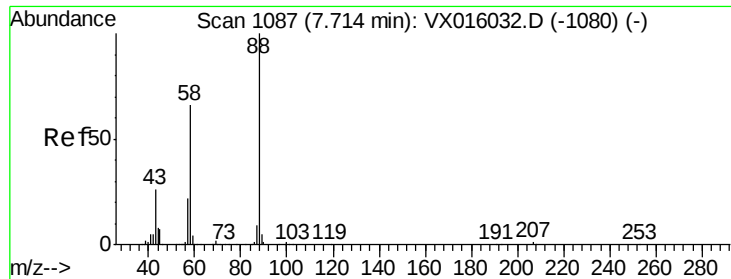


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

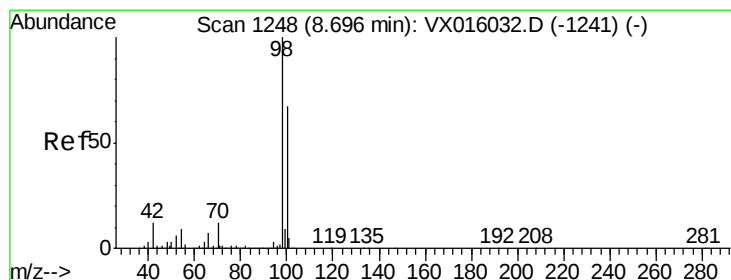
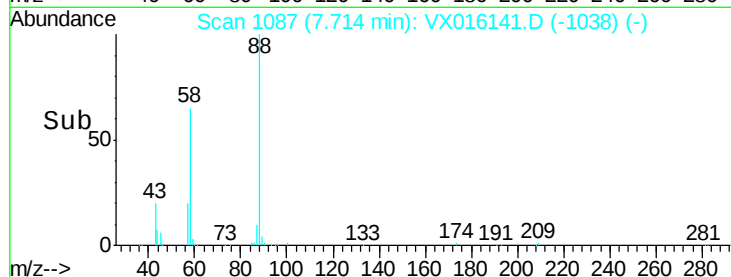
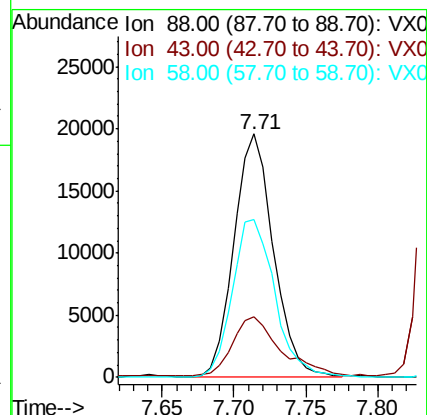
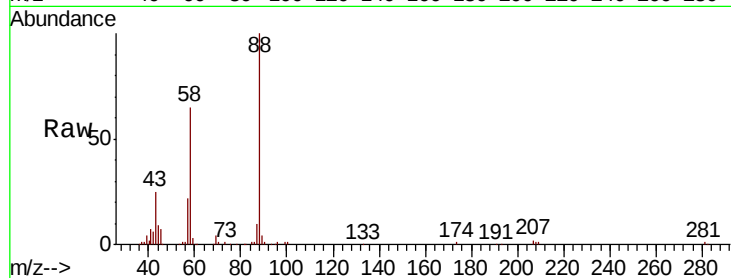




#49
1,4-Dioxane
Concen: 390.285 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

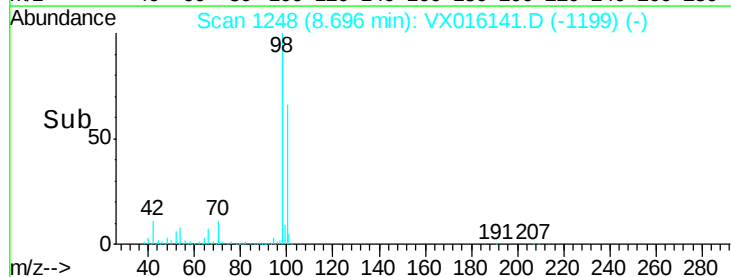
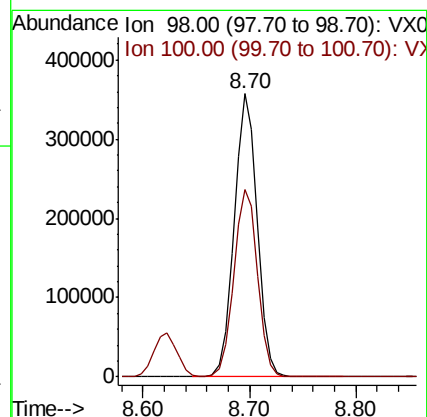
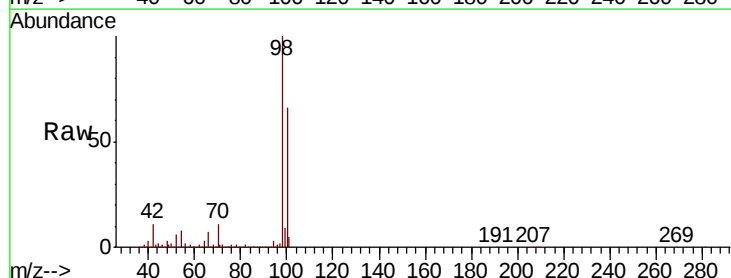
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

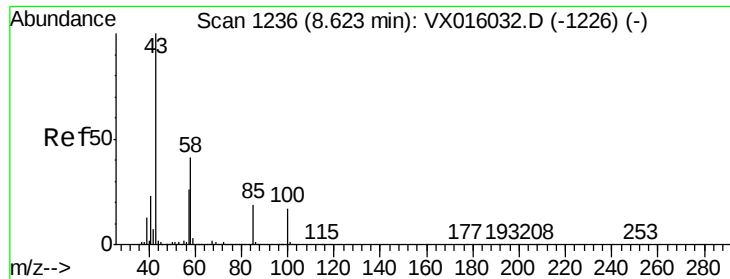
Tot Ion	88	Resp	37519
Ion	Ratio	Lower	Upper
88	100		
43	30.1	25.3	37.9
58	69.8	55.9	83.9



#50
Toluene-d8
Concen: 47.529 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion	98	Resp	539152
Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.7	80.5

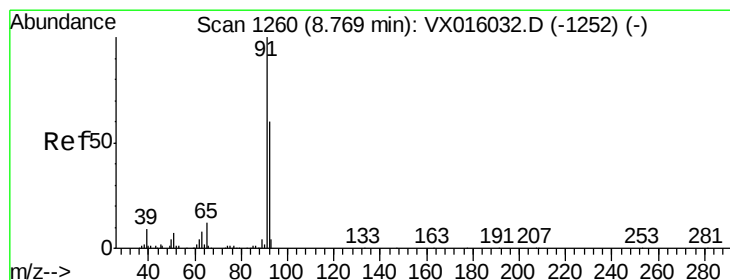
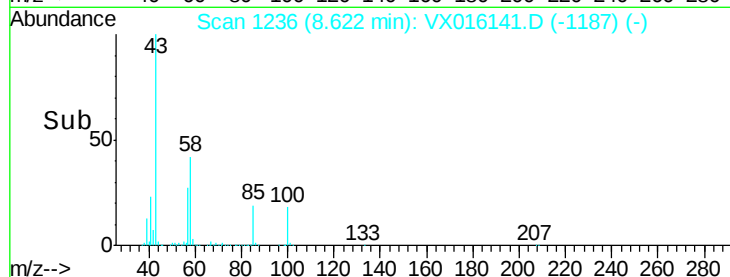
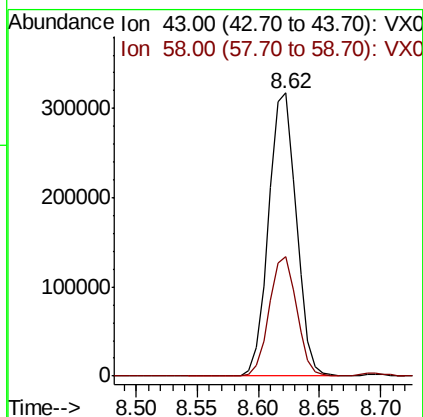
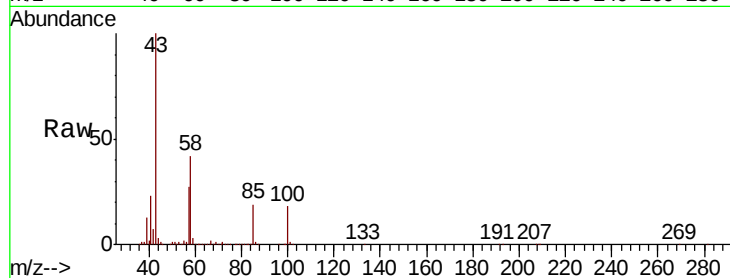




#51
 4-Methyl-2-Pentanone
 Concen: 96.494 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

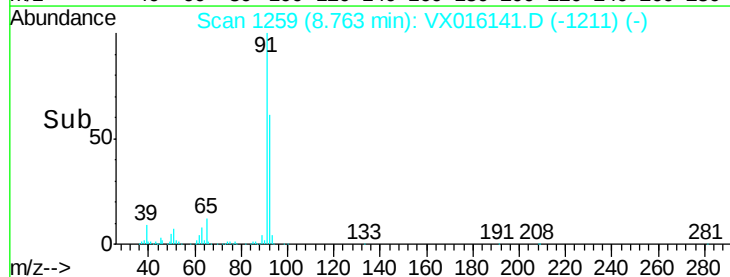
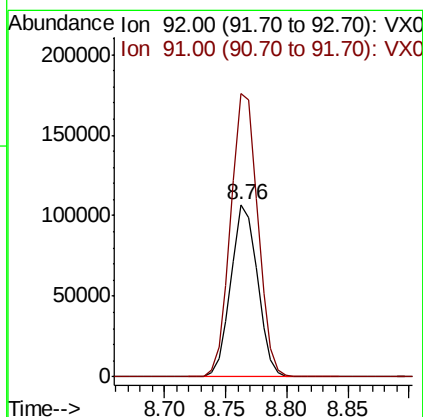
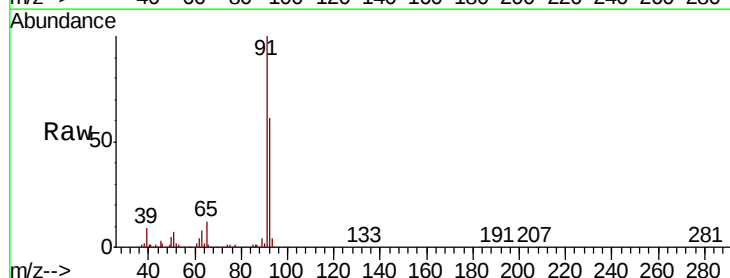
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

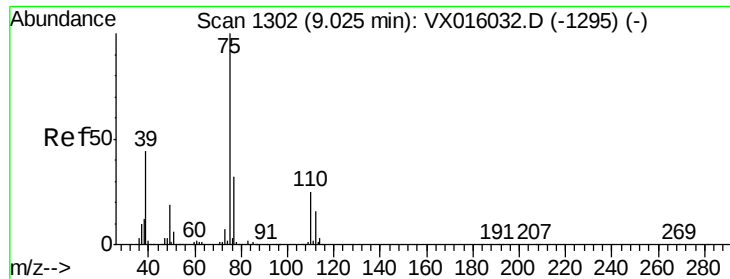
Tot Ion: 43 Resp: 499498
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.4



#52
 Toluene
 Concen: 19.269 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion: 92 Resp: 160748
 Ion Ratio Lower Upper
 92 100
 91 167.7 134.5 201.7

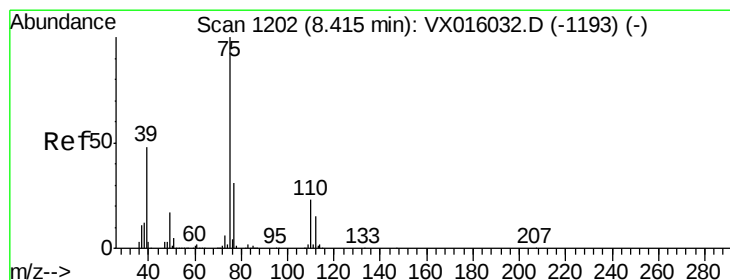
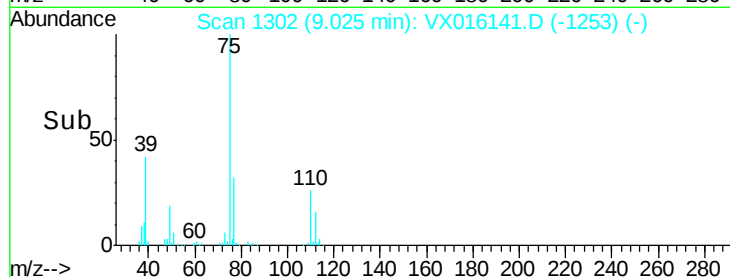
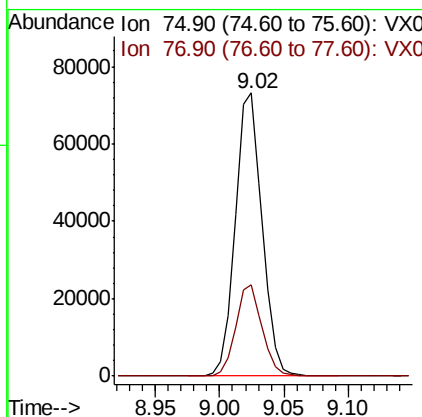
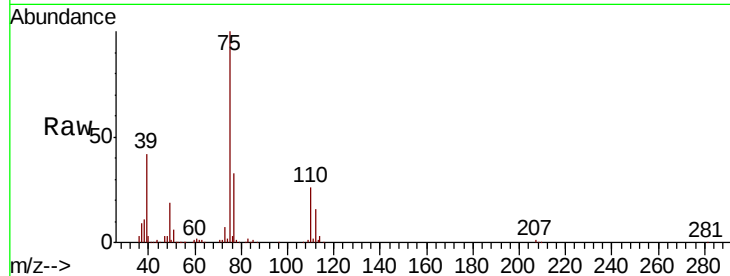




#53
t-1,3-Dichloropropene
Concen: 18.927 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

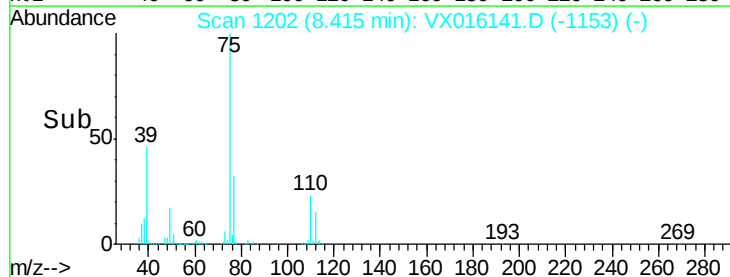
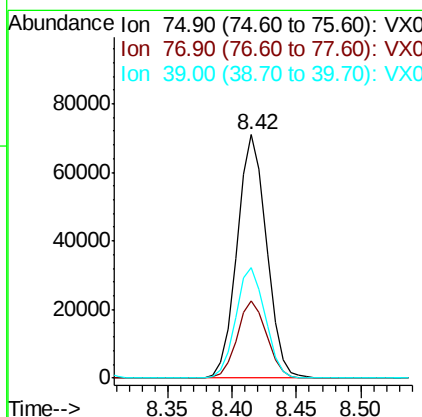
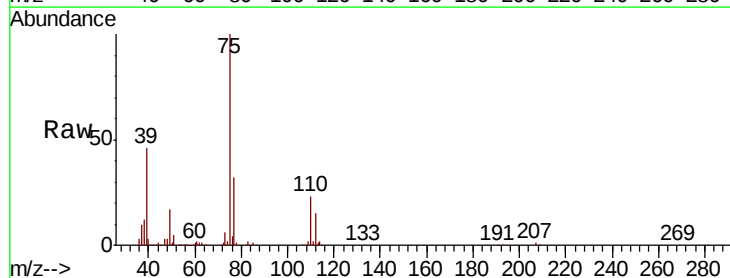
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

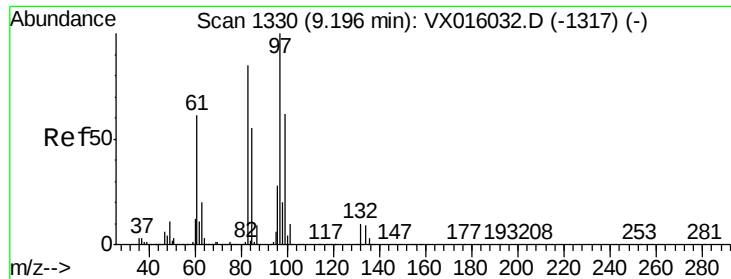
Tot Ion: 75 Resp: 105774
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 19.247 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion: 75 Resp: 112353
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1
39 45.5 38.7 58.1

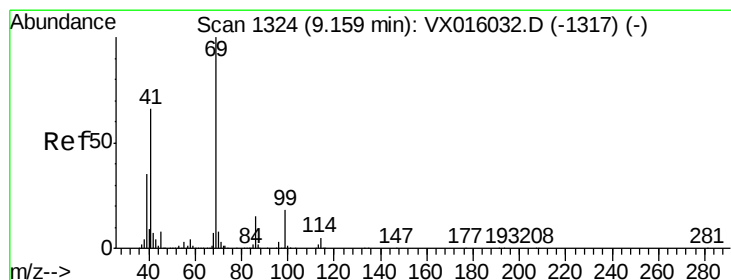
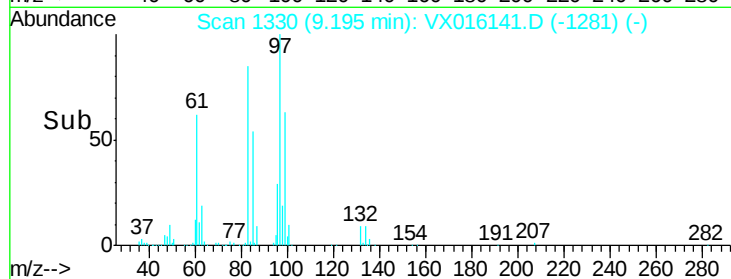
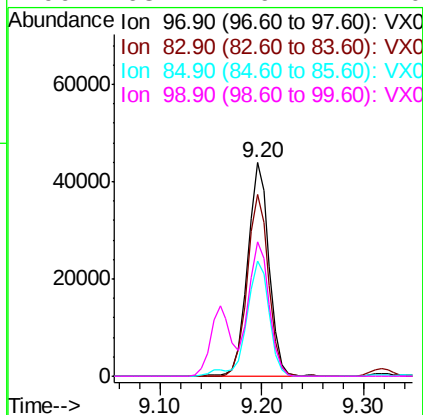
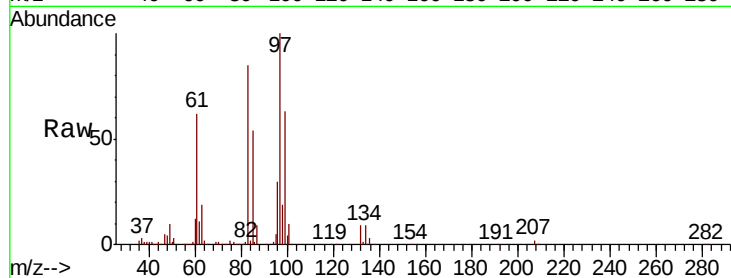




#55
 1,1,2-Trichloroethane
 Concen: 19.607 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

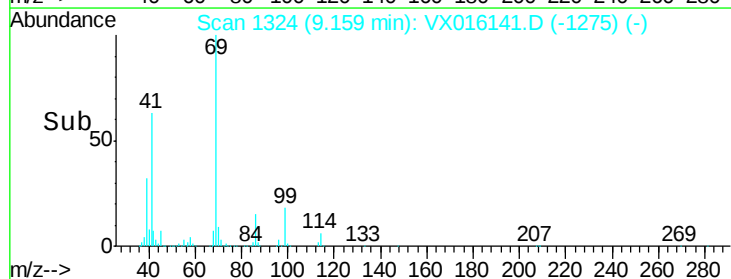
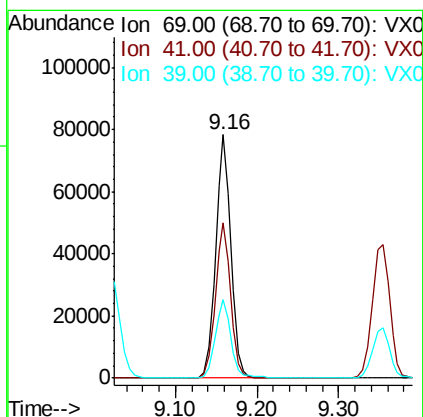
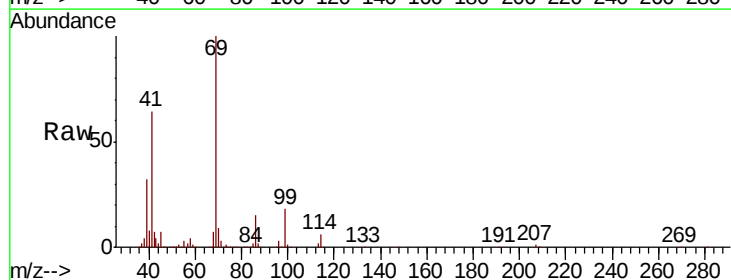
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

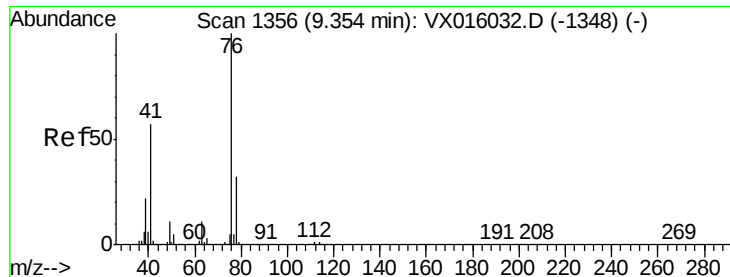
Tot Ion:	97	Resp:	64355
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.8
85	53.8	43.8	65.8
99	63.1	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.351 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion:	69	Resp:	103678
Ion	Ratio	Lower	Upper
69	100		
41	63.6	52.2	78.4
39	33.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.636 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

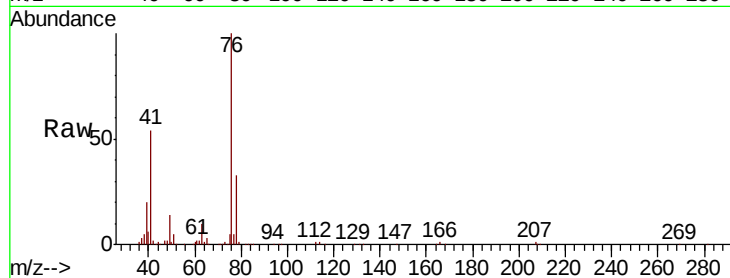
VX0511WBSD01

Tot Ion: 76 Resp: 112460

Ion Ratio Lower Upper

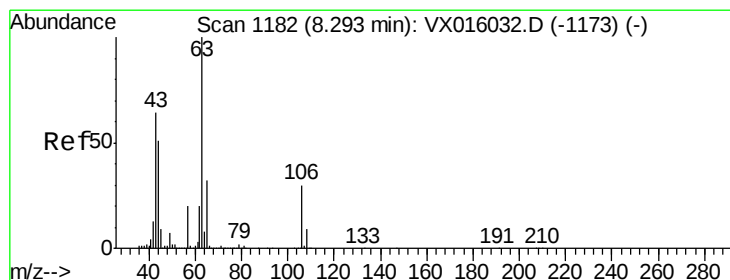
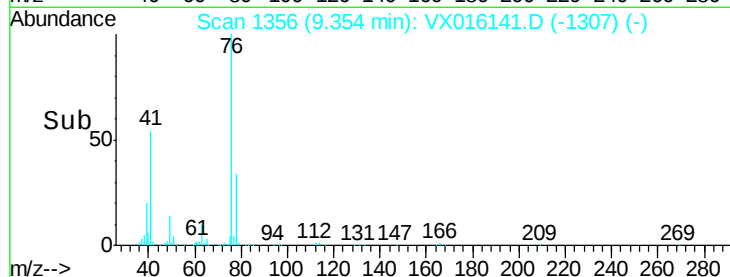
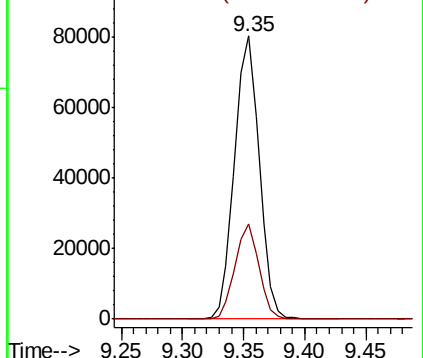
76 100

78 32.5 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.066 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016141.D

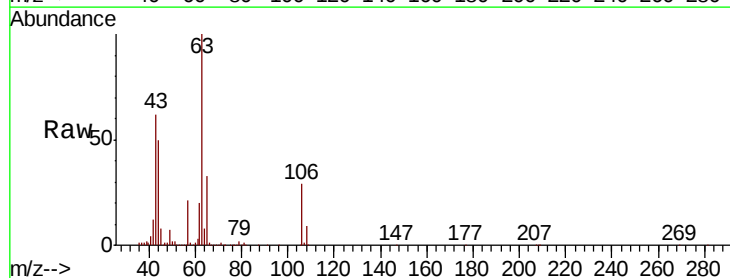
Acq: 11 May 2020 12:17

Tgt Ion: 63 Resp: 265451

Ion Ratio Lower Upper

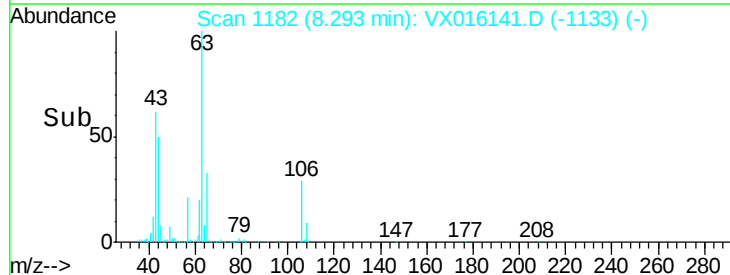
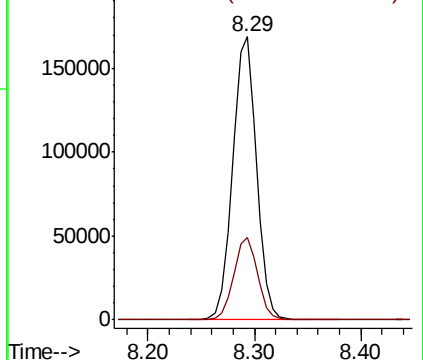
63 100

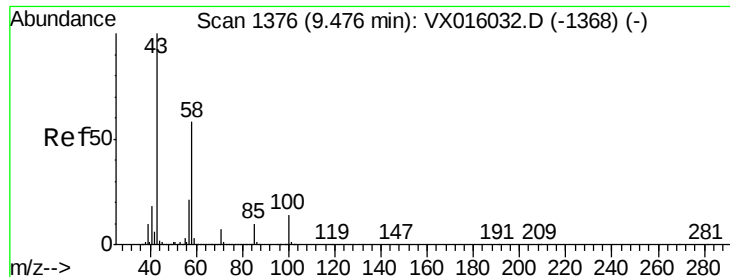
106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

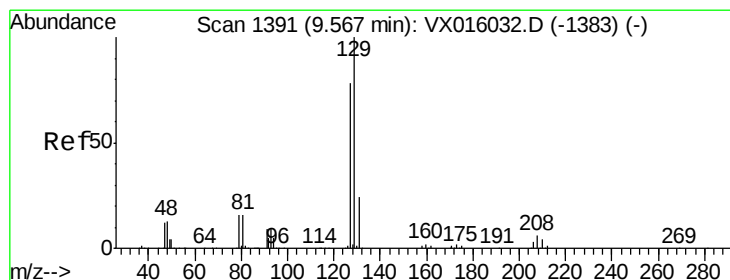
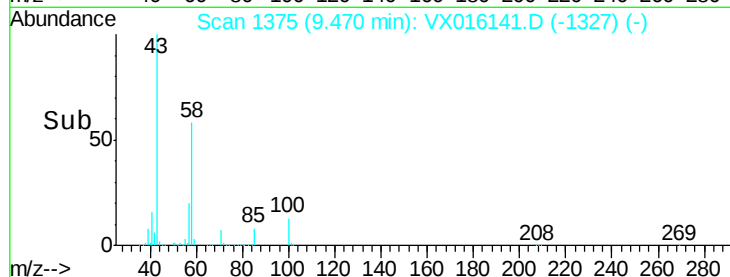
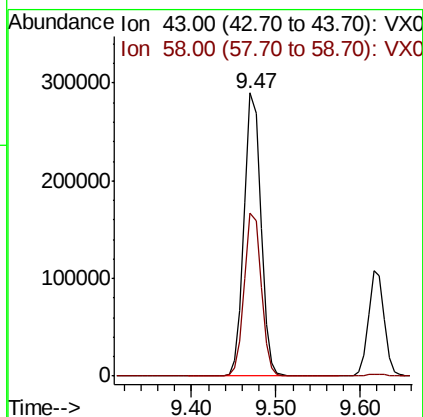
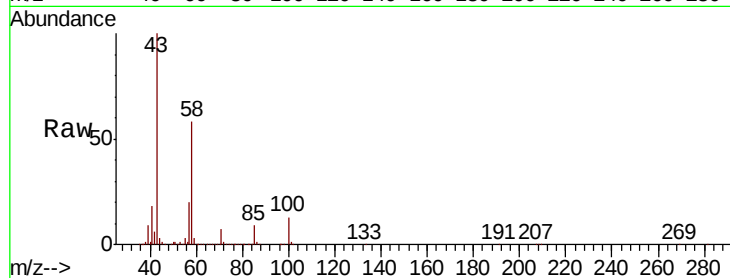




#59
2-Hexanone
Concen: 94.363 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

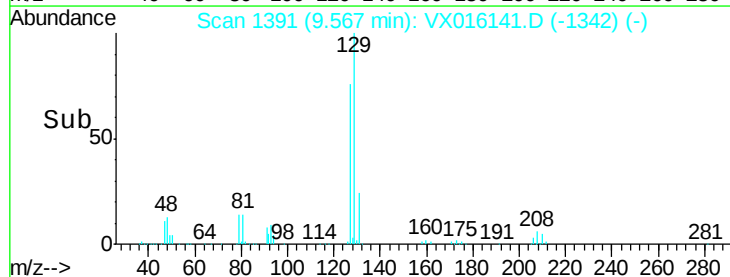
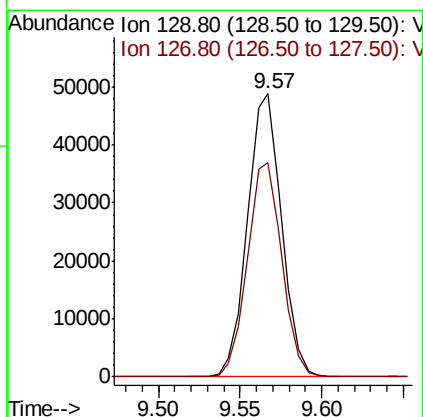
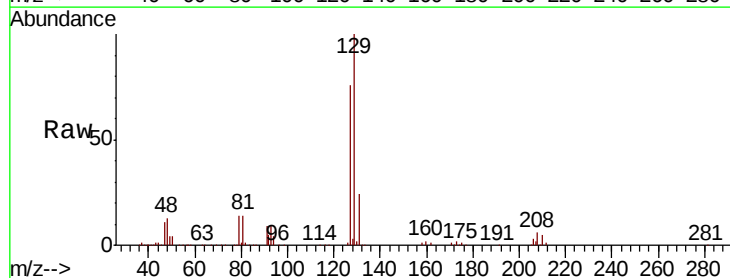
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

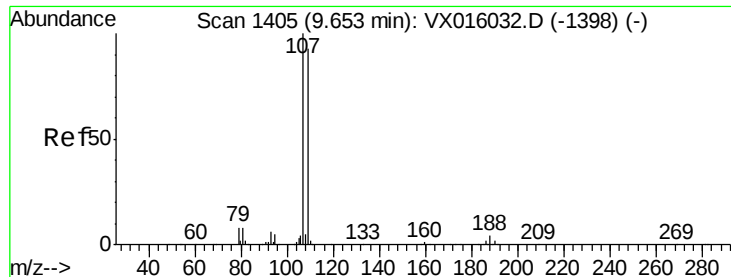
Tot Ion: 43 Resp: 383601
Ion Ratio Lower Upper
43 100
58 58.2 28.6 85.9



#60
Dibromochloromethane
Concen: 19.657 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion: 129 Resp: 71059
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.307 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

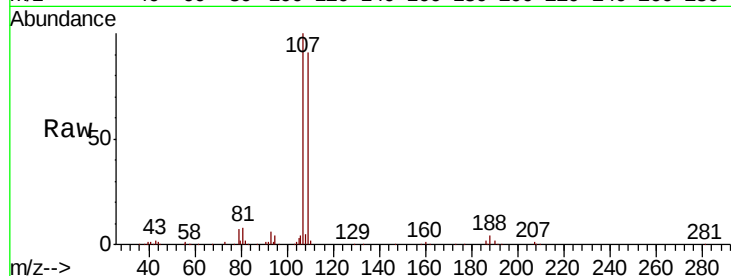
VX0511WBSD01

Tot Ion:107 Resp: 68643

Ion Ratio Lower Upper

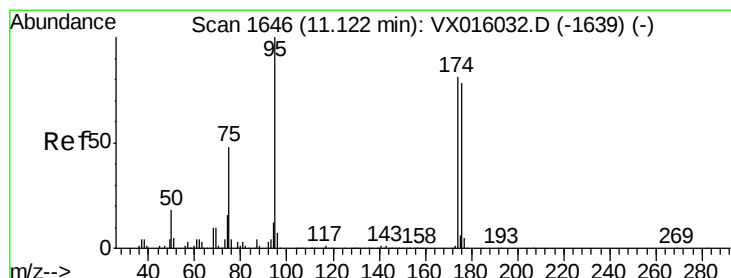
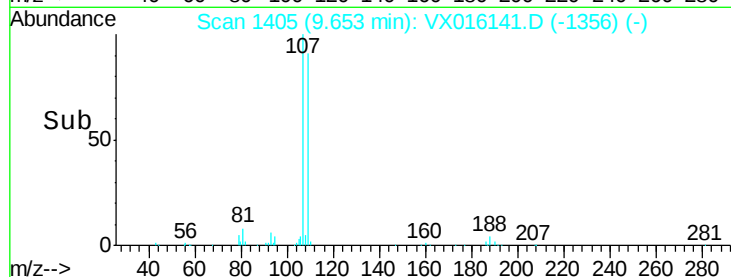
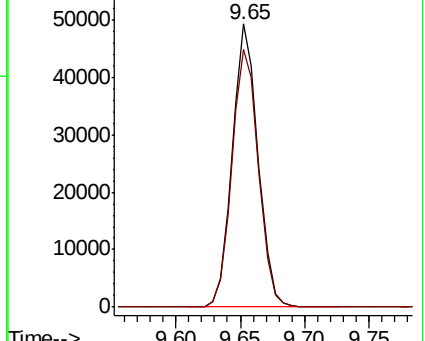
107 100

109 93.9 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: 47.527 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

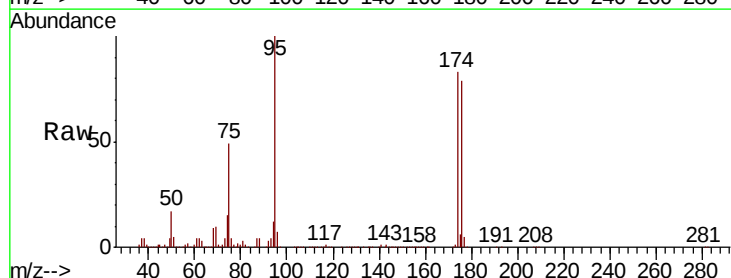
Tgt Ion: 95 Resp: 205056

Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

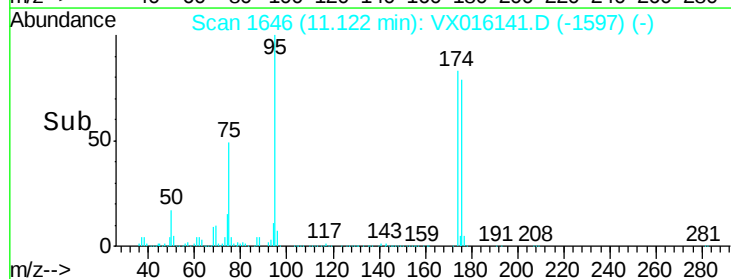
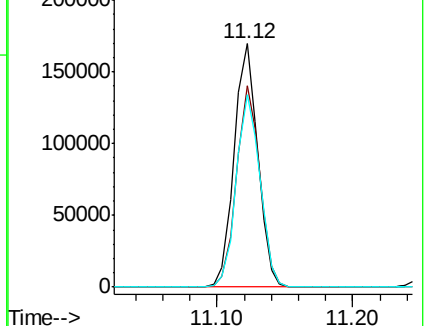
176 79.5 0.0 157.6

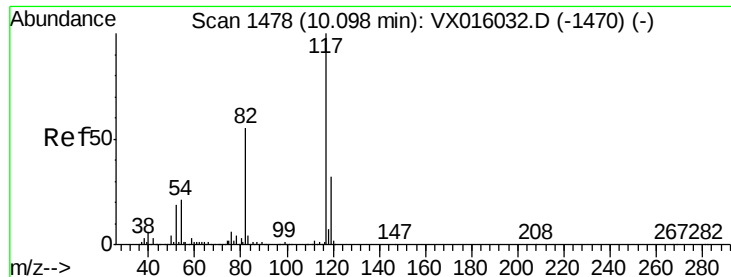


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

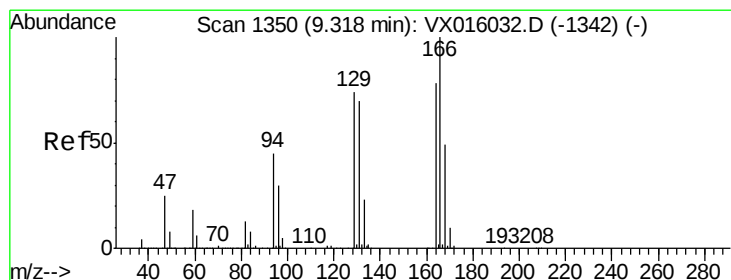
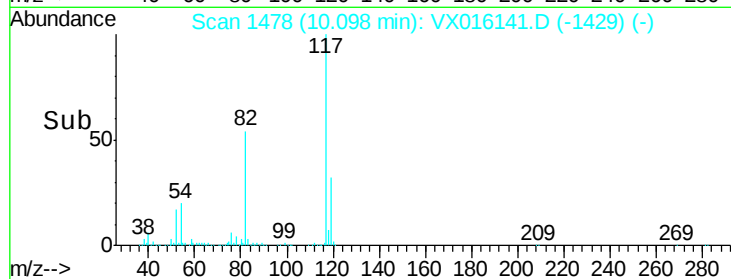
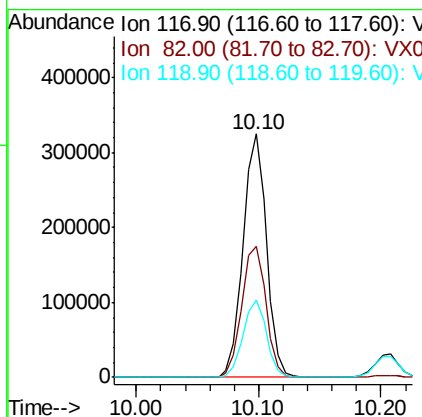
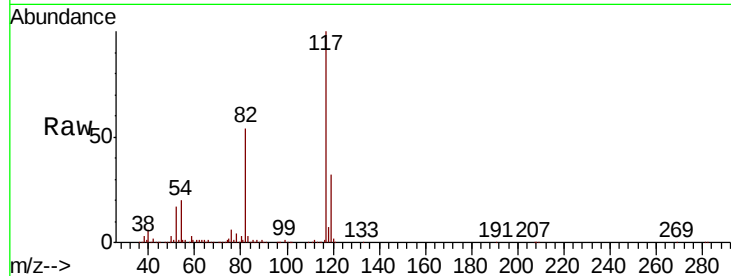




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

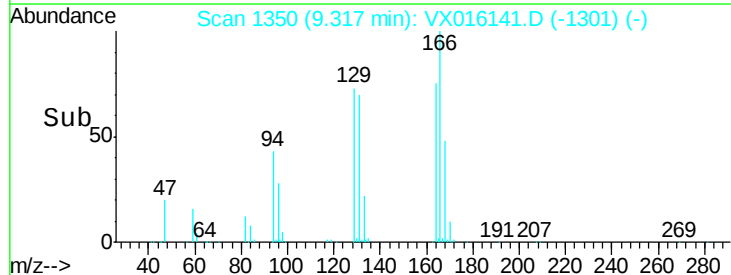
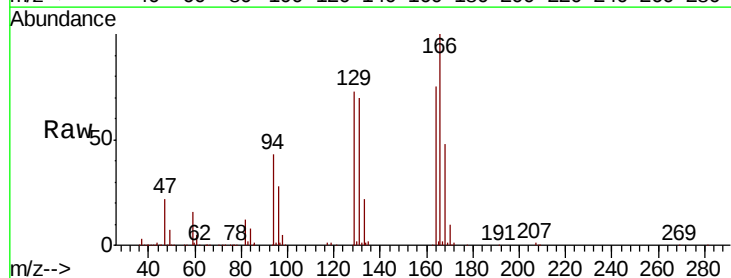
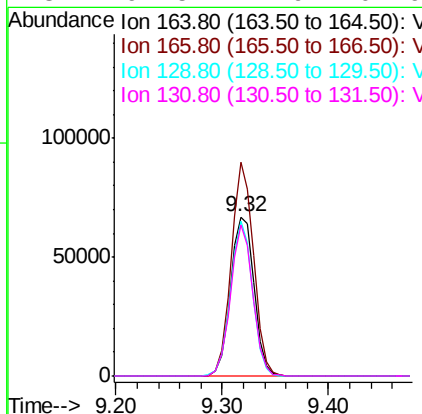
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

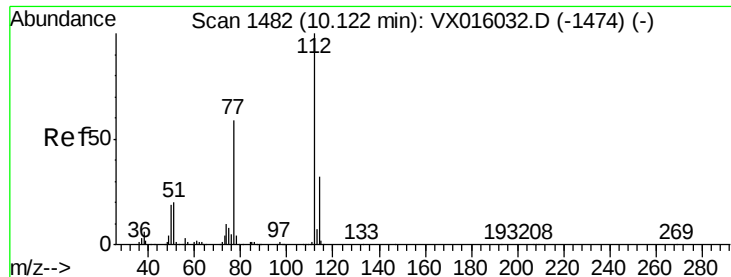
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.4	66.6
119	31.8	25.5	38.3



#64
Tetrachloroethene
Concen: 19.727 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.1	102.9	154.3
129	97.2	76.1	114.1
131	94.5	71.9	107.9





#65

Chlorobenzene

Concen: 19.099 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

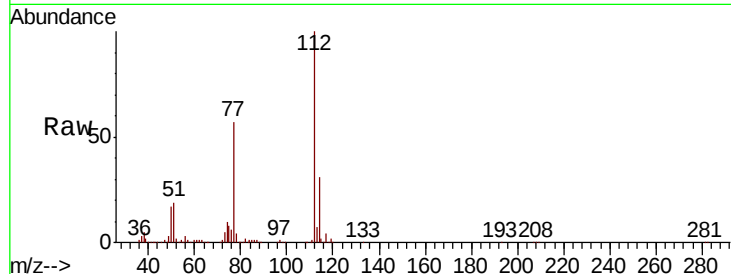
VX0511WBSD01

Tot Ion:112 Resp: 171964

Ion Ratio Lower Upper

112 100

114 31.1 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

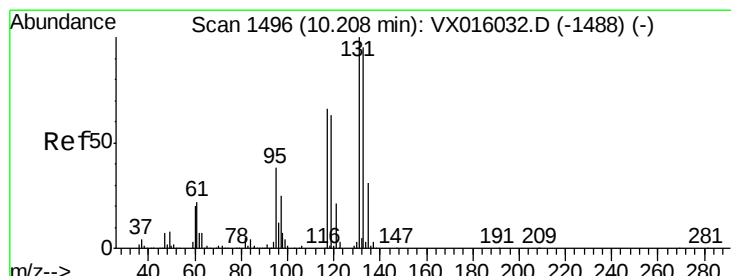
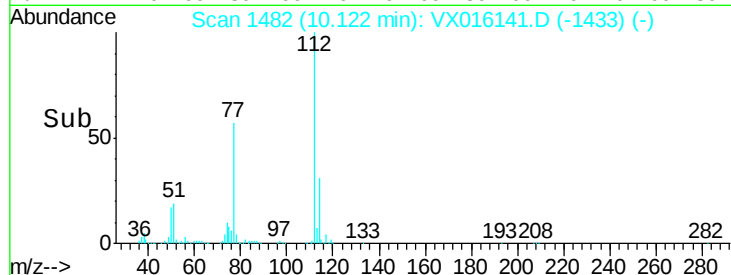
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.200 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

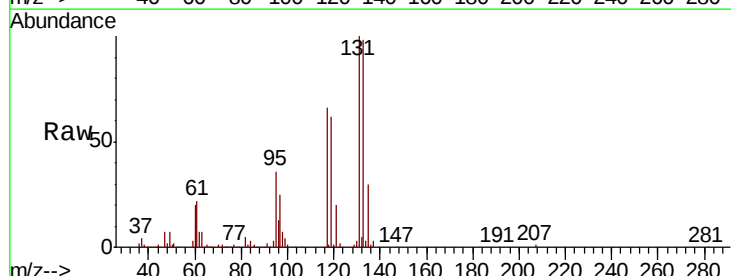
Tgt Ion:131 Resp: 63898

Ion Ratio Lower Upper

131 100

133 97.2 48.3 144.8

119 64.1 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

60000

50000

40000

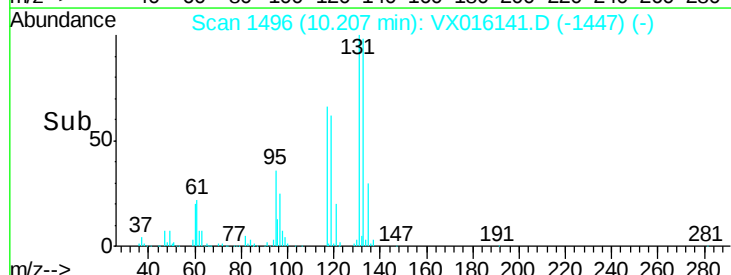
30000

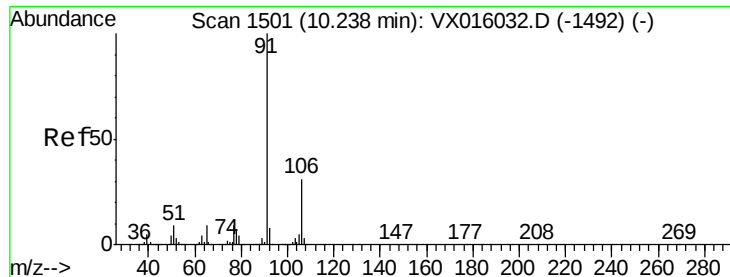
20000

10000

0

Time-->

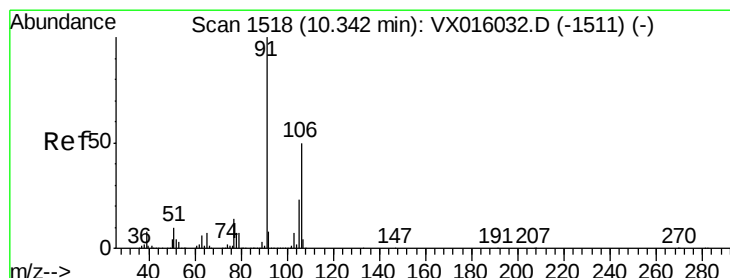
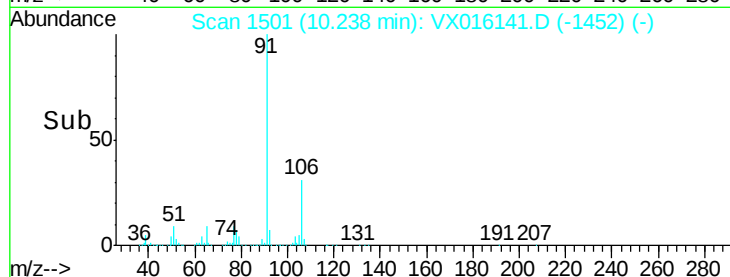
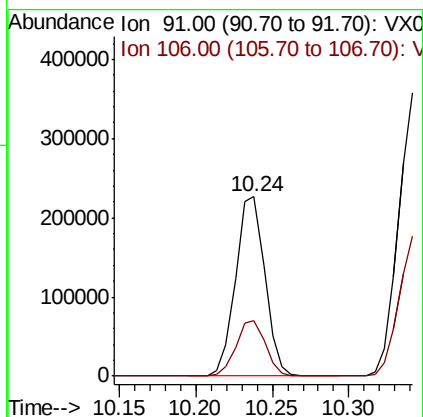
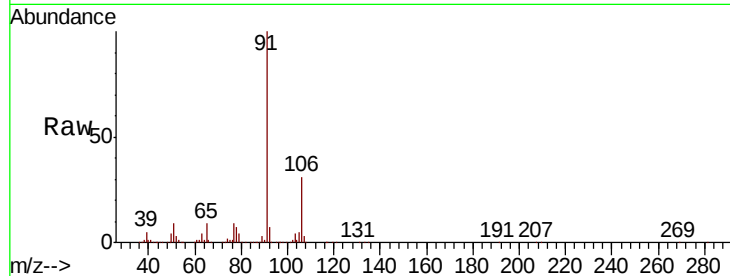




#67
Ethyl Benzene
Concen: 18.807 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

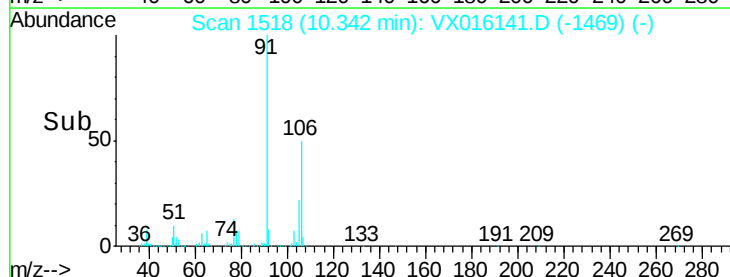
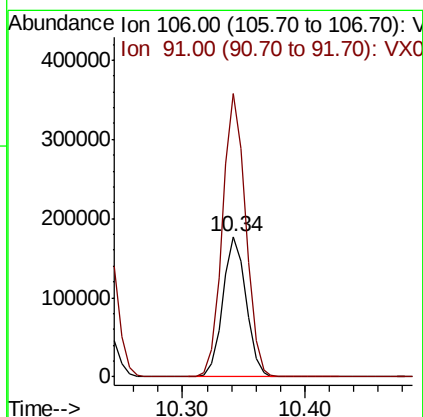
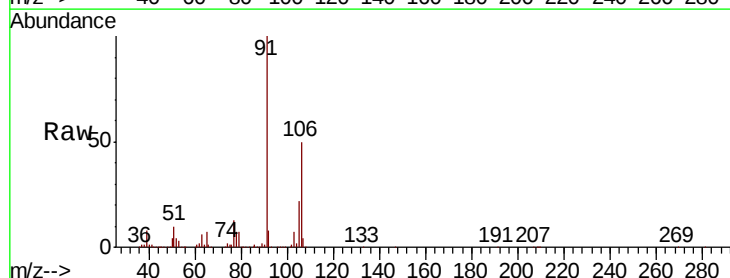
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

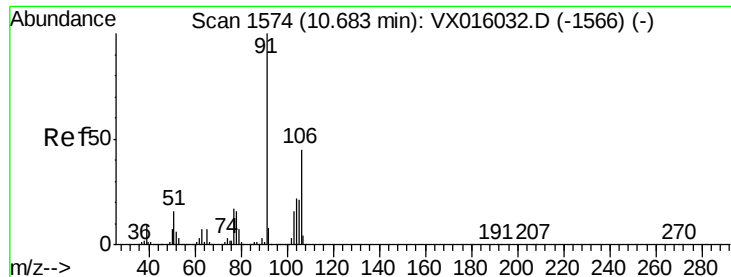
Tot Ion: 91 Resp: 302136
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 38.698 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion: 106 Resp: 232926
Ion Ratio Lower Upper
106 100
91 202.2 161.7 242.5

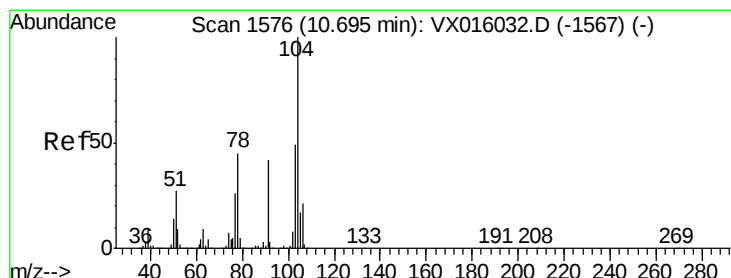
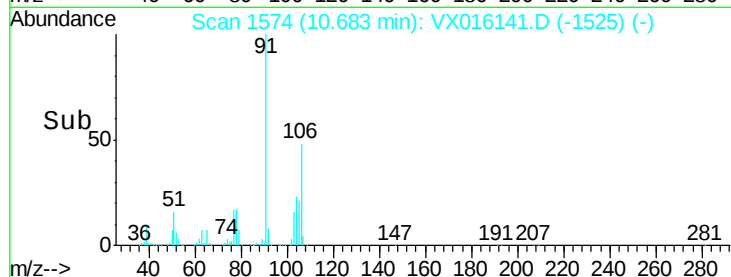
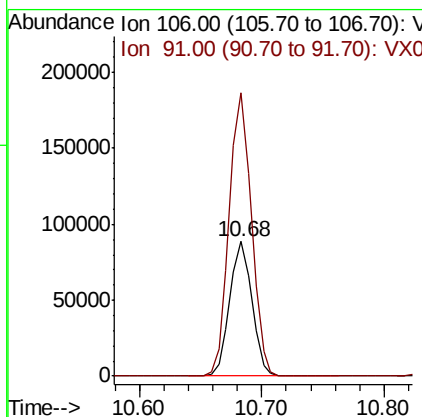
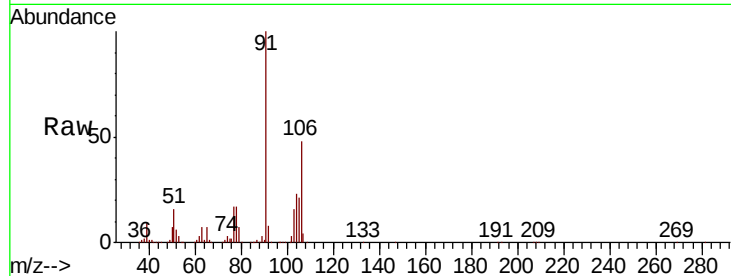




#69
o-Xylene
Concen: 19.153 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

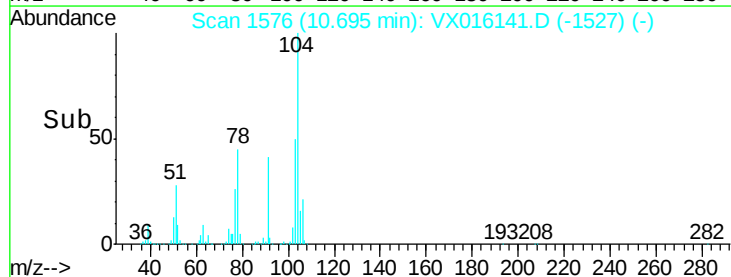
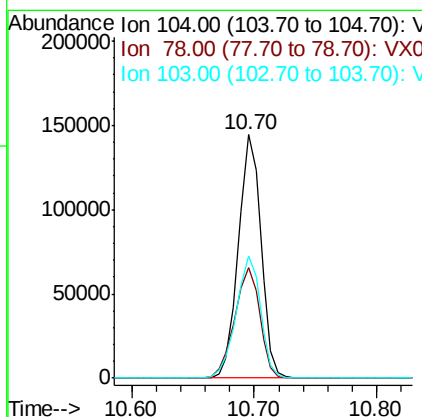
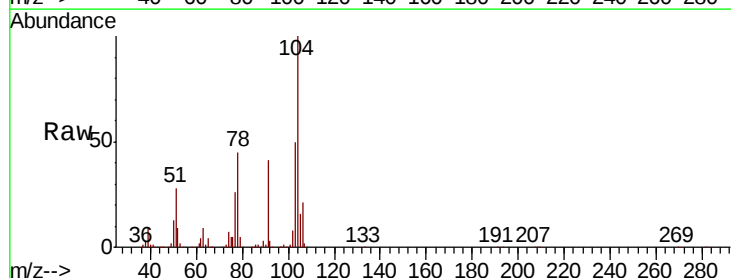
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

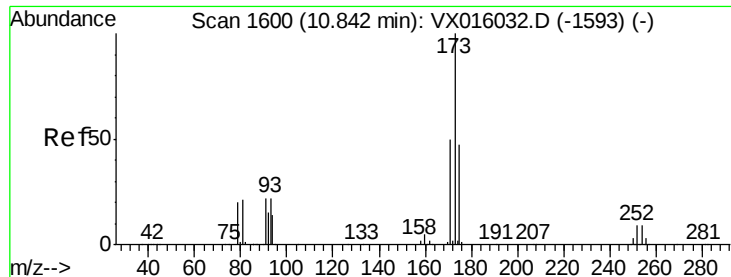
Tot Ion:106 Resp: 110814
Ion Ratio Lower Upper
106 100
91 212.0 107.5 322.6



#70
Styrene
Concen: 18.780 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion:104 Resp: 184342
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.2
103 54.2 43.0 64.6





#71

Bromoform

Concen: 19.062 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

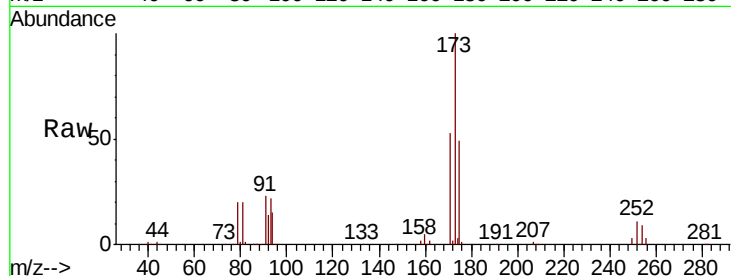
Tot Ion:173 Resp: 51685

Ion Ratio Lower Upper

173 100

175 49.5 24.0 72.0

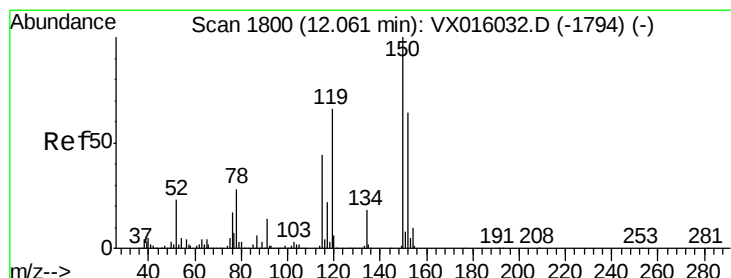
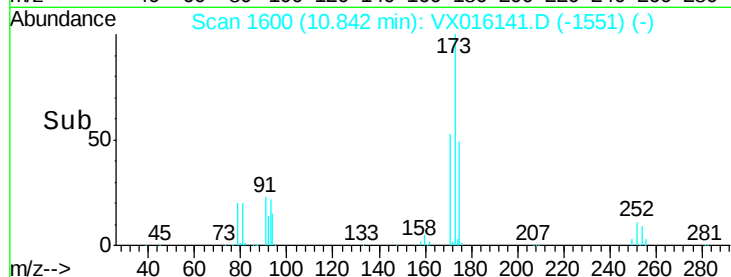
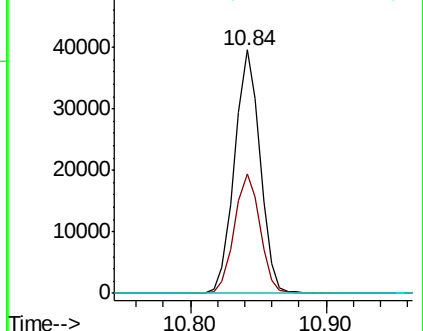
254 0.0 0.1 0.1#



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: VX016141.D

Acq: 11 May 2020 12:17

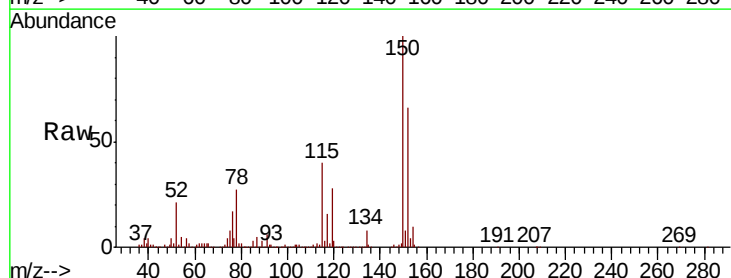
Tgt Ion:152 Resp: 220450

Ion Ratio Lower Upper

152 100

115 67.1 41.3 124.1

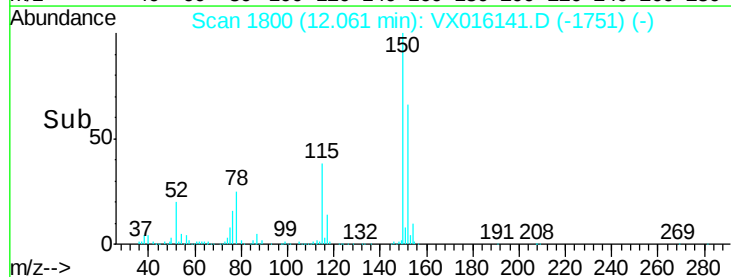
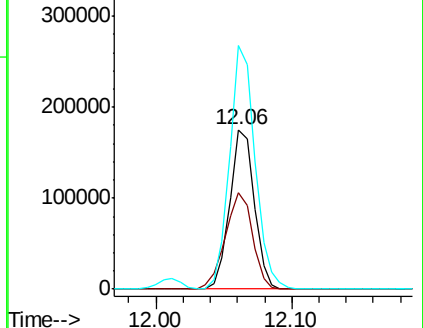
150 158.6 0.0 352.2

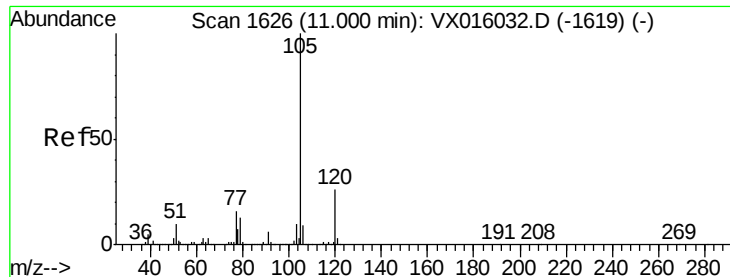


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.648 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

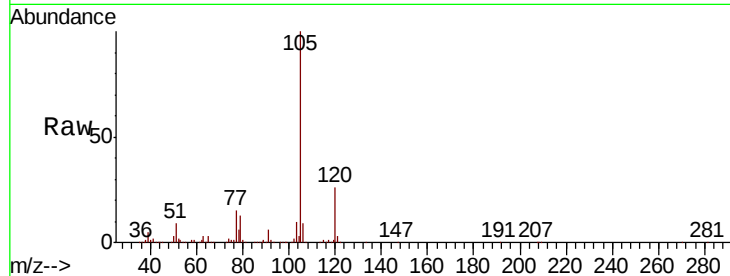
VX0511WBSD01

Tot Ion:105 Resp: 299003

Ion Ratio Lower Upper

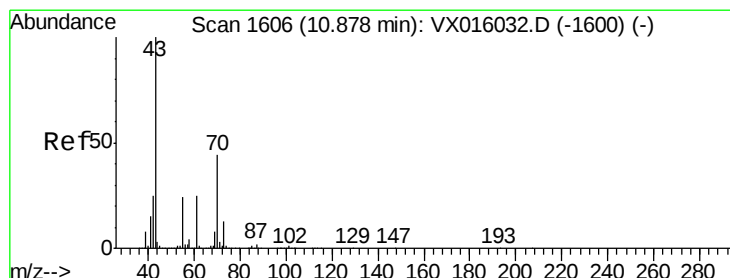
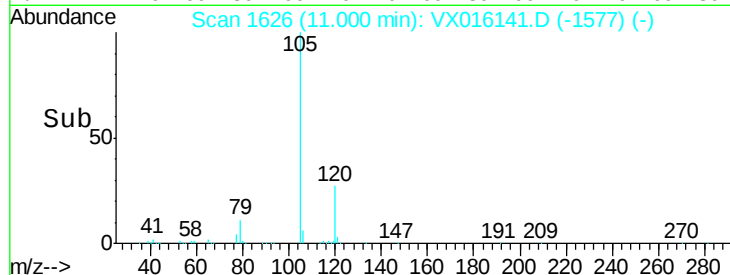
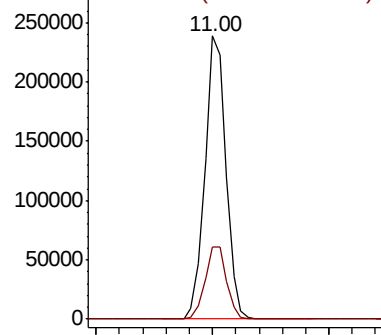
105 100

120 26.4 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: 18.011 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Tgt Ion: 43 Resp: 134706

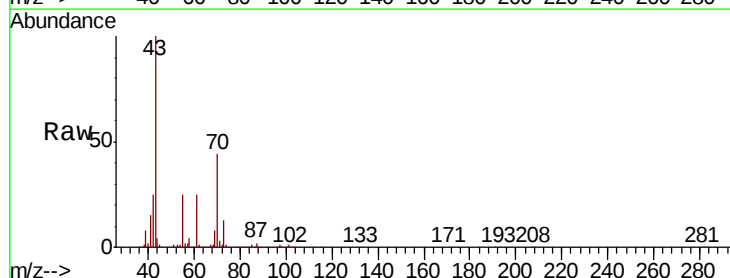
Ion Ratio Lower Upper

43 100

70 45.9 36.5 54.7

55 25.2 19.7 29.5

61 26.2 20.9 31.3

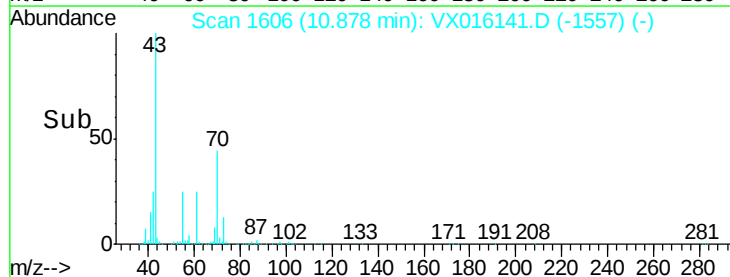
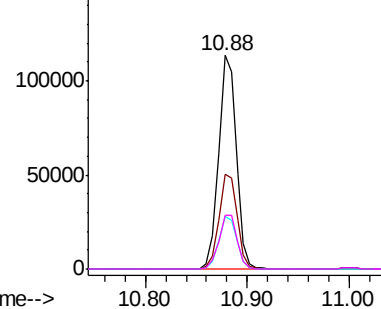


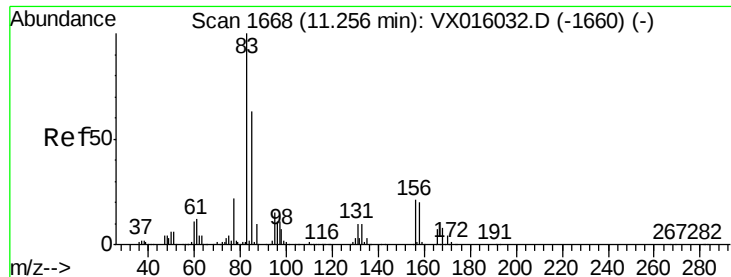
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.580 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

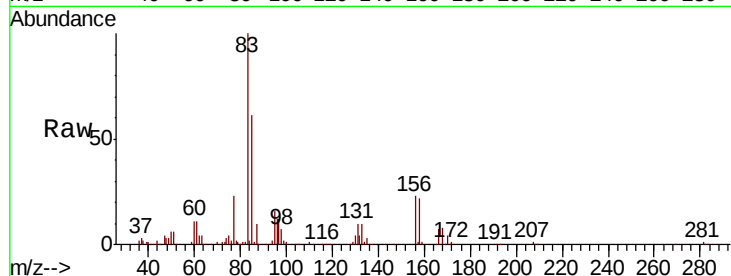
Tot Ion: 83 Resp: 54237

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

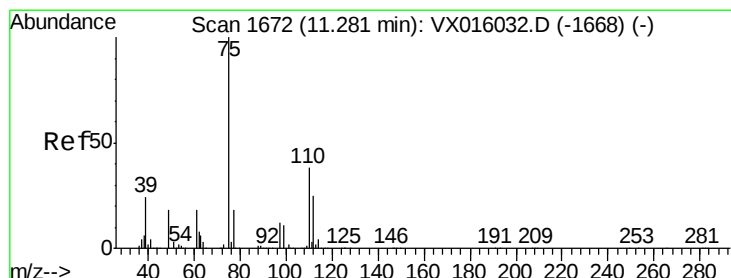
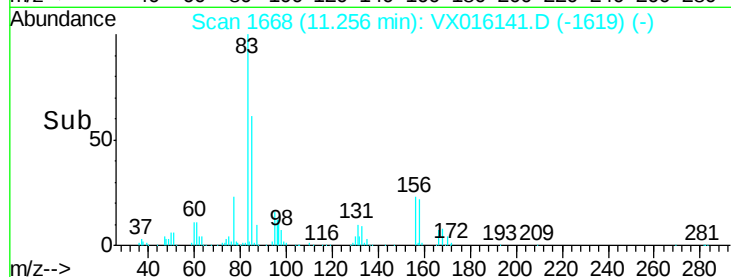
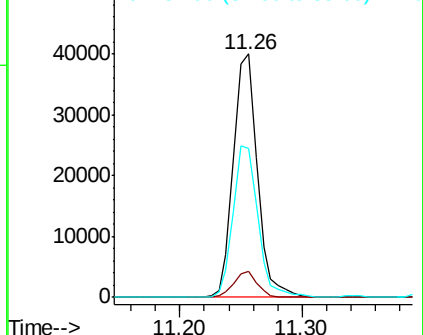
85 64.6 32.0 96.0



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: 24.798 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016141.D

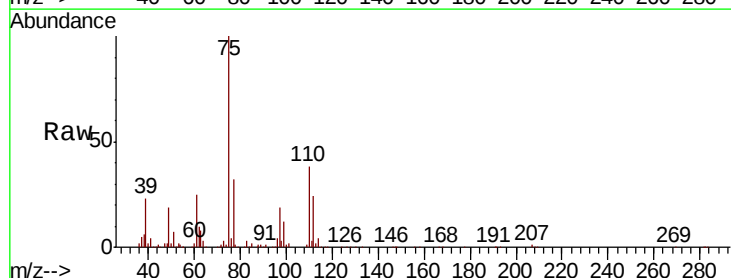
Acq: 11 May 2020 12:17

Tgt Ion: 75 Resp: 124051

Ion Ratio Lower Upper

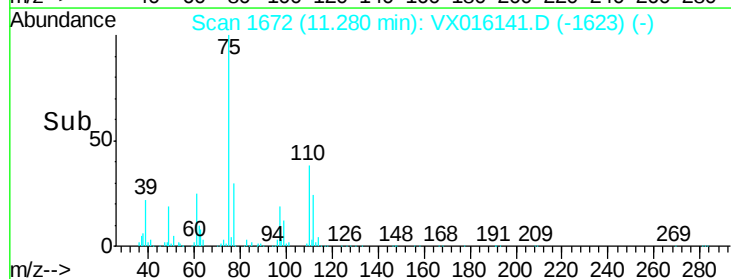
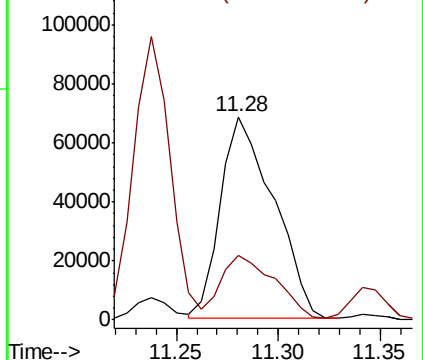
75 100

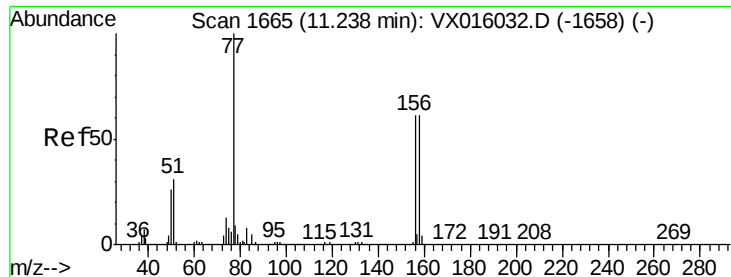
77 32.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.474 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

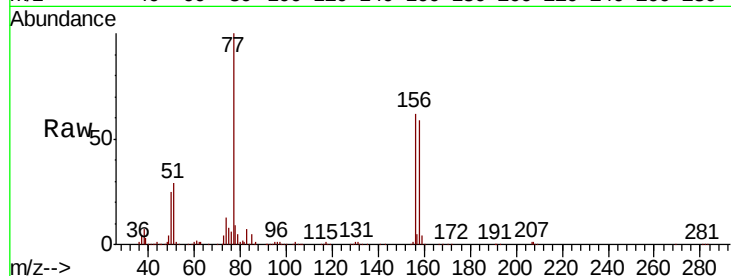
Tot Ion:156 Resp: 76459

Ion Ratio Lower Upper

156 100

77 158.5 80.1 240.3

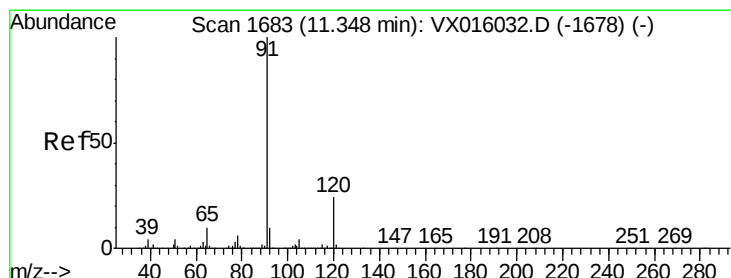
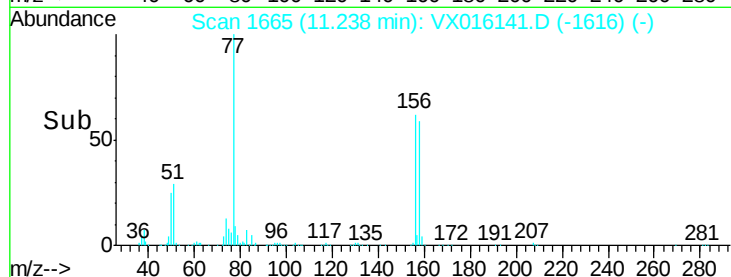
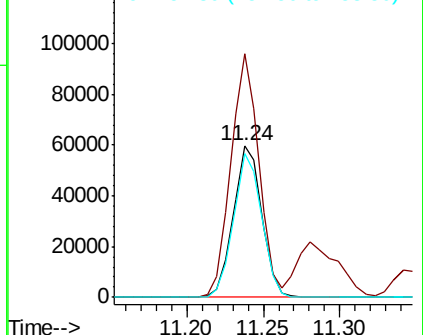
158 94.2 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.454 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016141.D

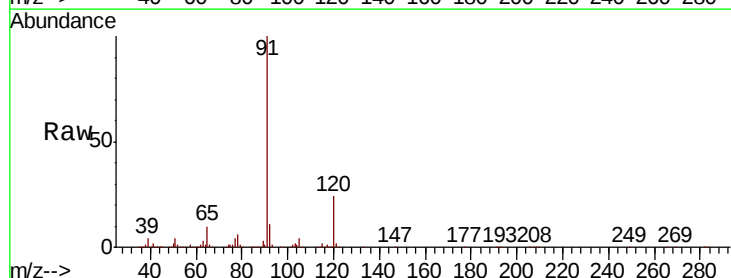
Acq: 11 May 2020 12:17

Tgt Ion: 91 Resp: 344236

Ion Ratio Lower Upper

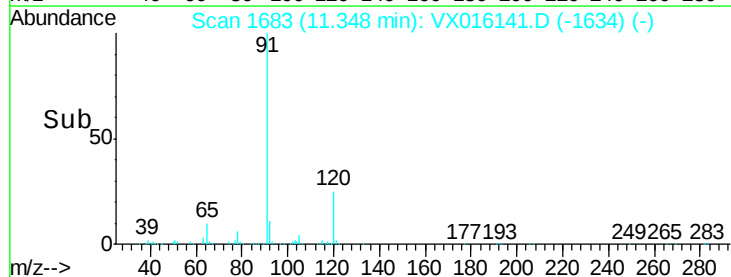
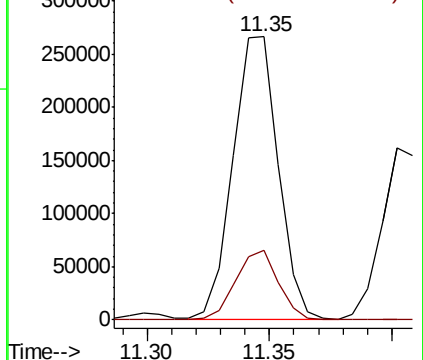
91 100

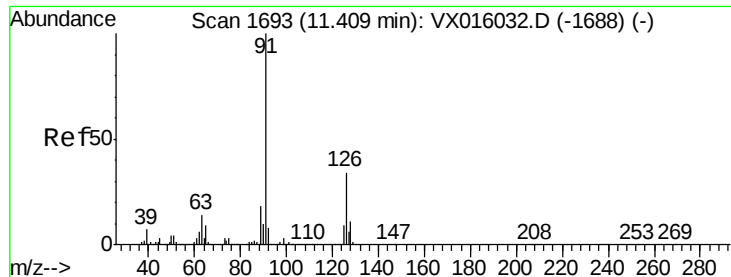
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

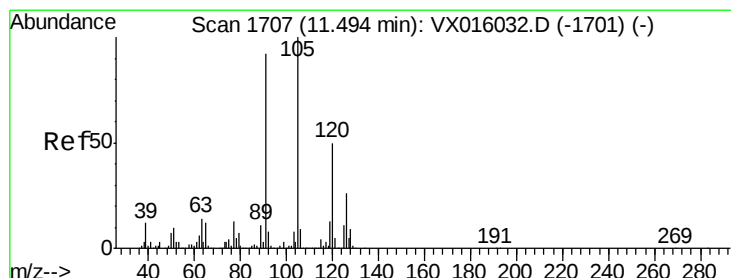
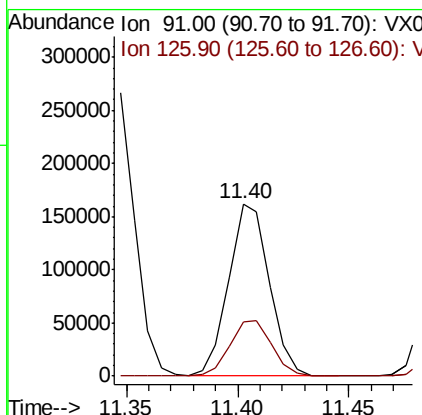
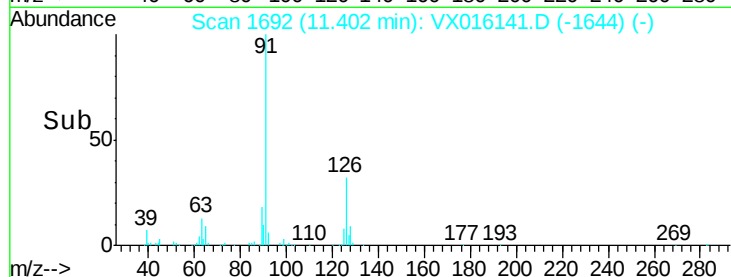
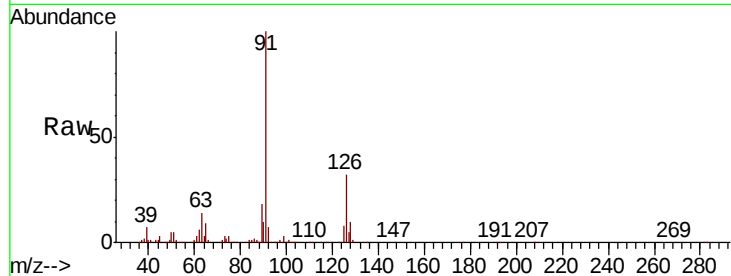




#79
 2-Chlorotoluene
 Concen: 18.786 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

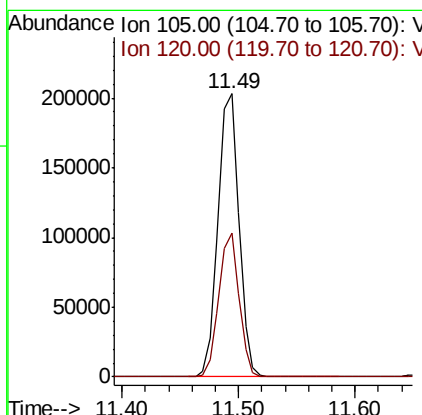
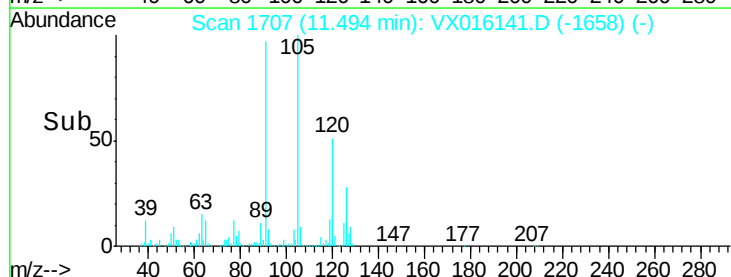
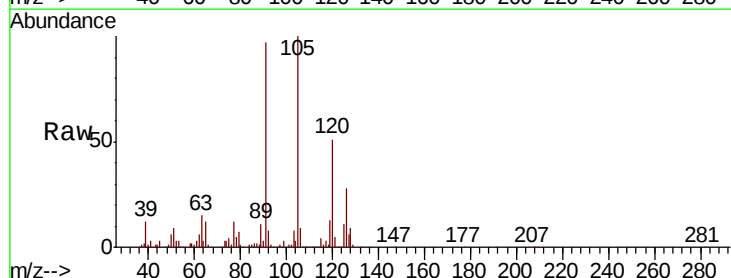
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

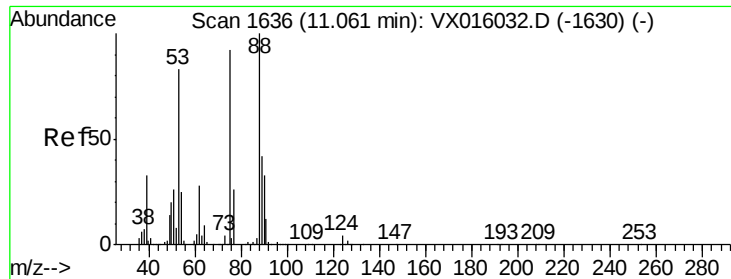
Tot Ion: 91 Resp: 206848
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.563 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion:105 Resp: 251308
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0

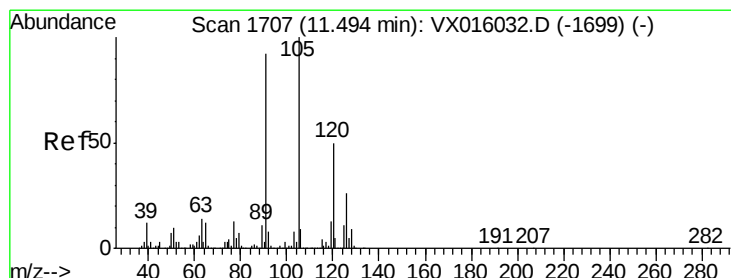
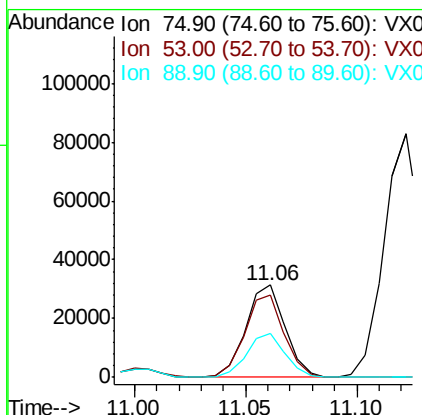
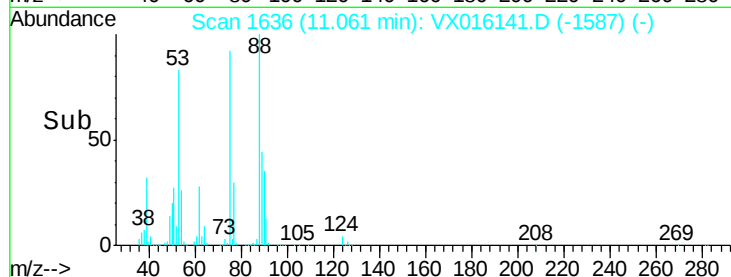
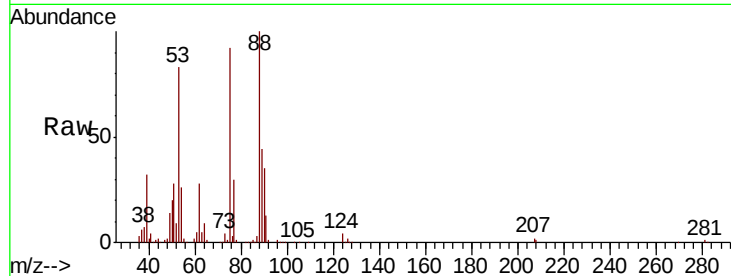




#81
trans-1,4-Dichloro-2-butene
Concen: 18.238 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

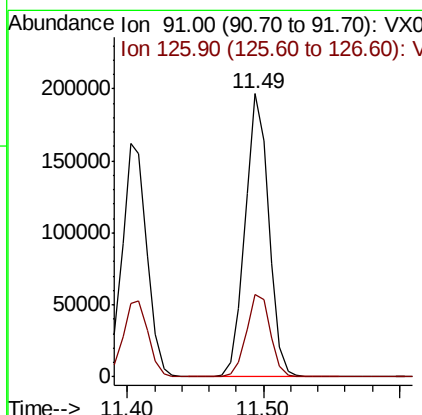
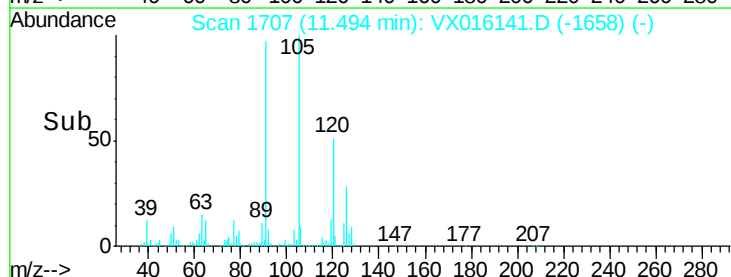
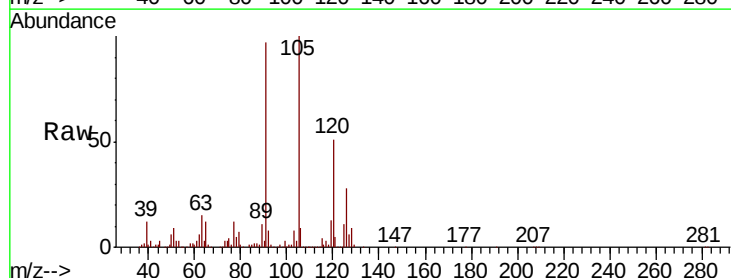
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

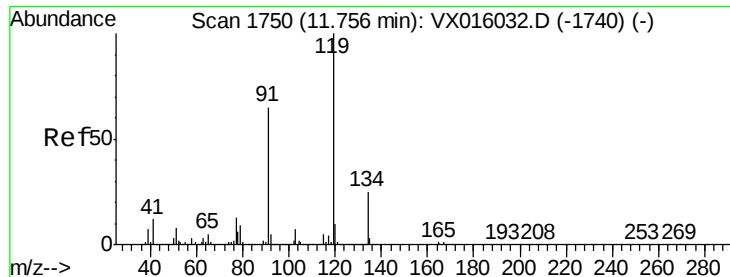
Tot Ion: 75 Resp: 38285
Ion Ratio Lower Upper
75 100
53 90.4 73.1 109.7
89 47.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 18.333 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion: 91 Resp: 238366
Ion Ratio Lower Upper
91 100
126 29.8 14.8 44.3





#83

tert-Butylbenzene

Concen: 18.476 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

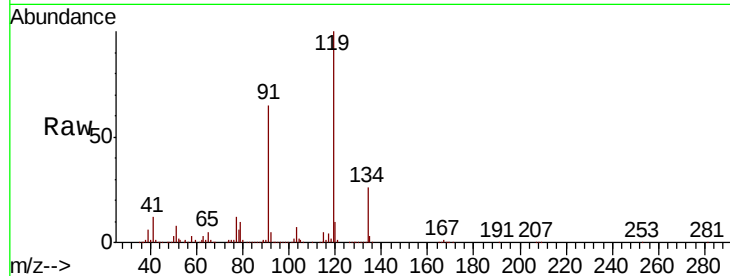
Tot Ion:119 Resp: 215561

Ion Ratio Lower Upper

119 100

91 65.1 32.8 98.4

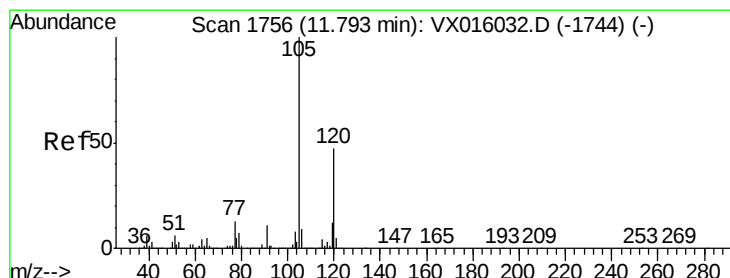
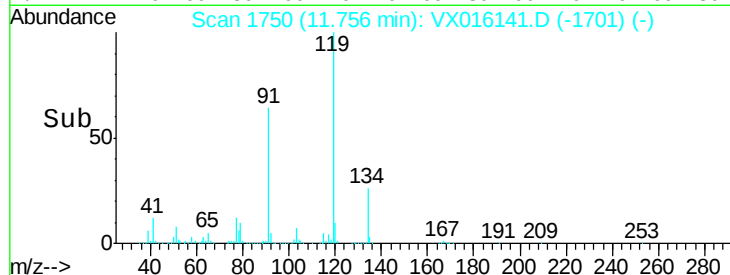
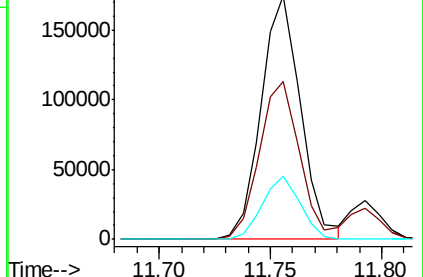
134 24.9 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.707 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016141.D

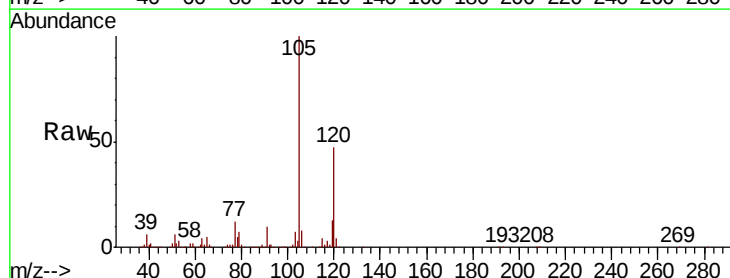
Acq: 11 May 2020 12:17

Tgt Ion:105 Resp: 256044

Ion Ratio Lower Upper

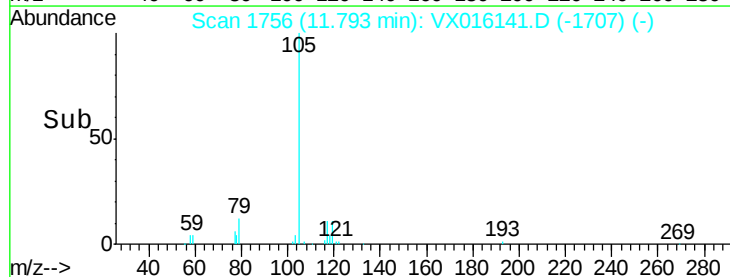
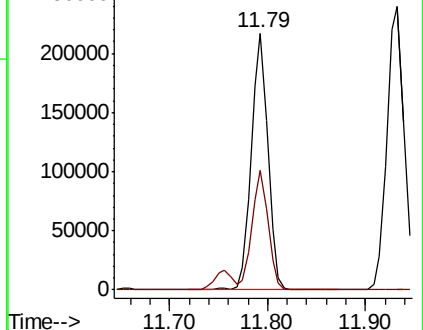
105 100

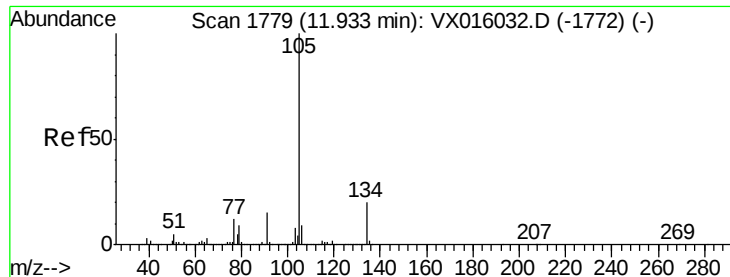
120 45.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.489 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

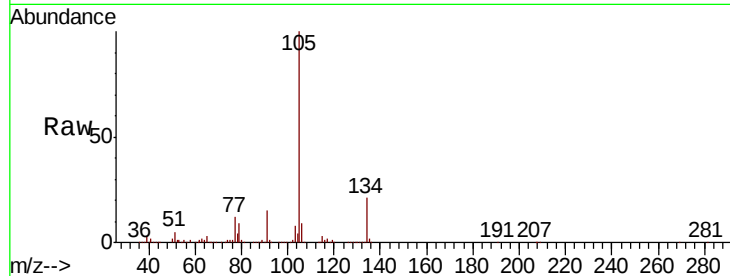
VX0511WBSD01

Tot Ion:105 Resp: 291250

Ion Ratio Lower Upper

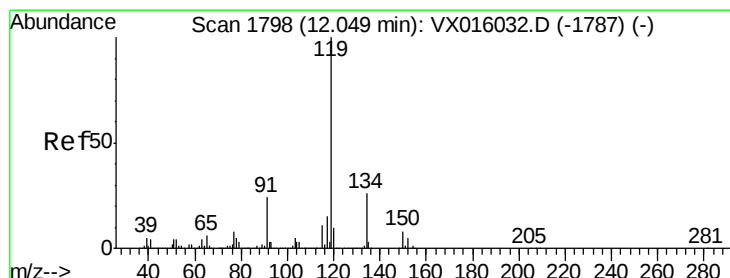
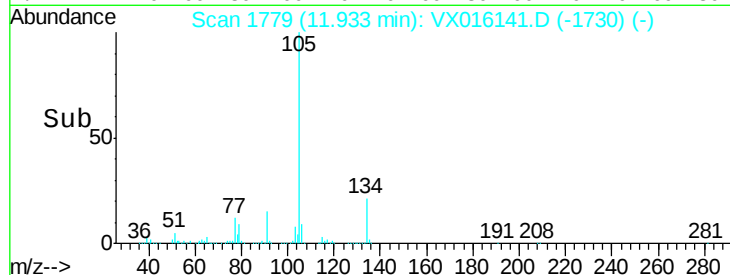
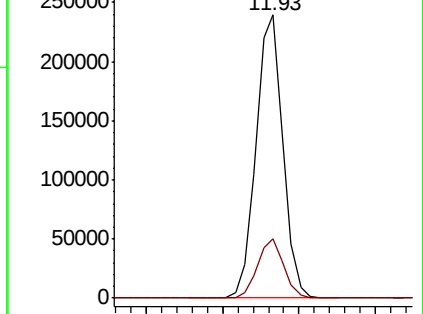
105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.505 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

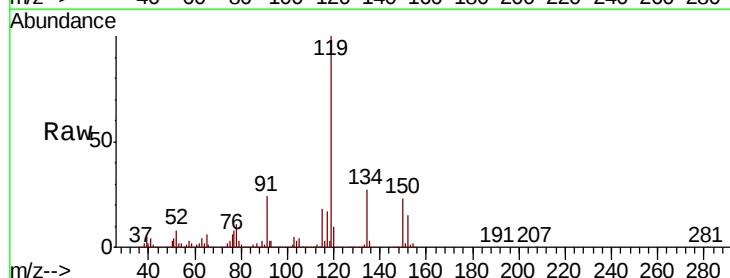
Tgt Ion:119 Resp: 270646

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

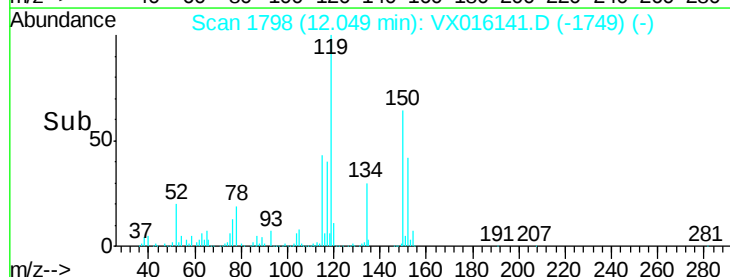
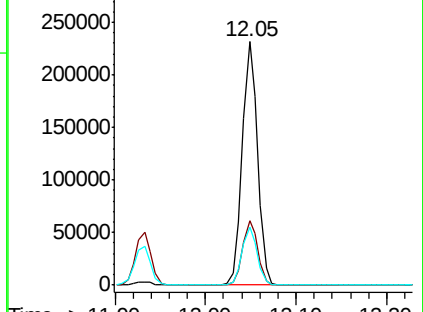
91 23.6 11.8 35.4

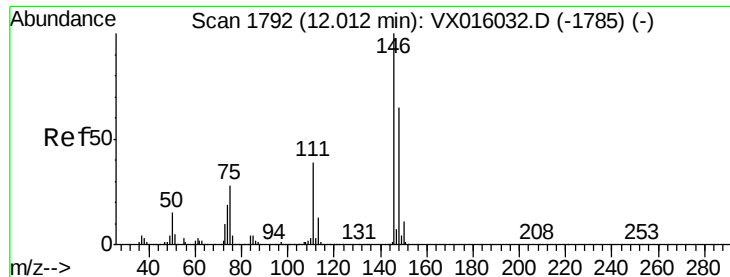


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

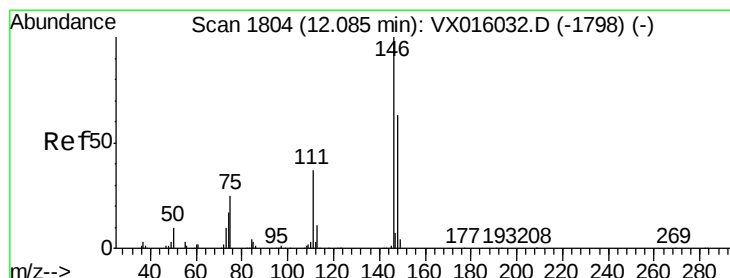
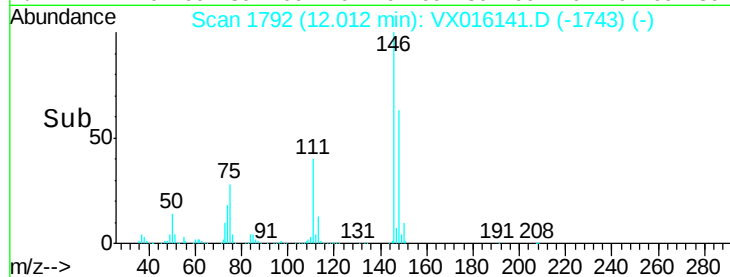
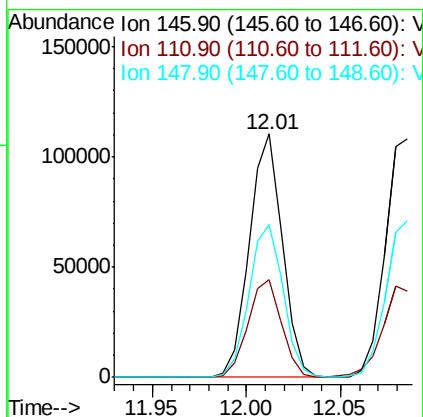
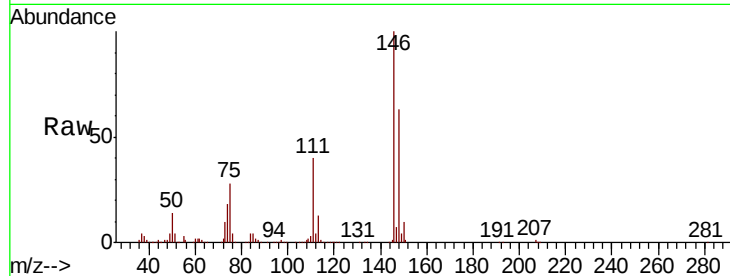




#87
 1,3-Dichlorobenzene
 Concen: 18.103 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

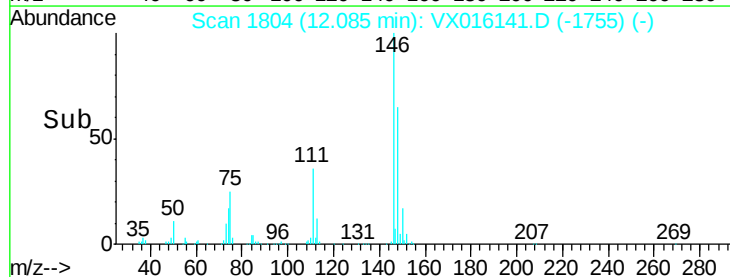
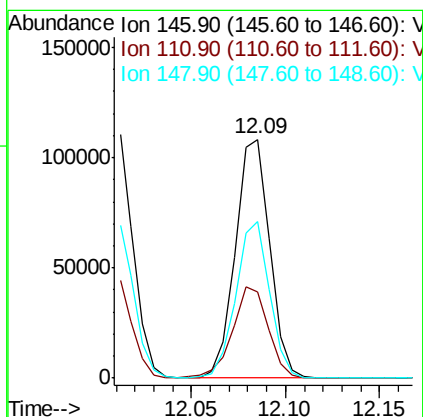
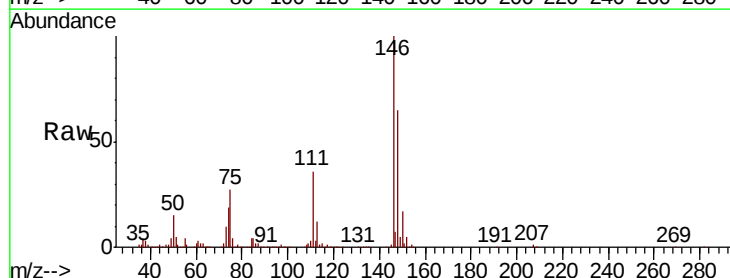
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

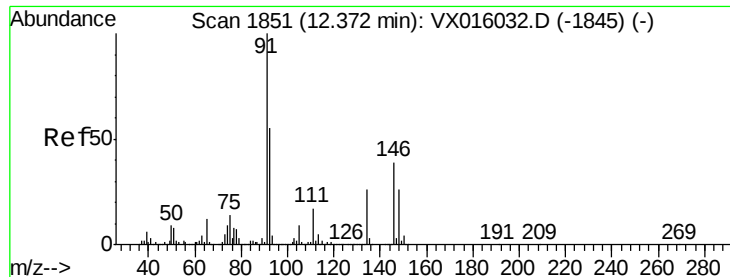
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.140 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	64.8	31.8	95.3

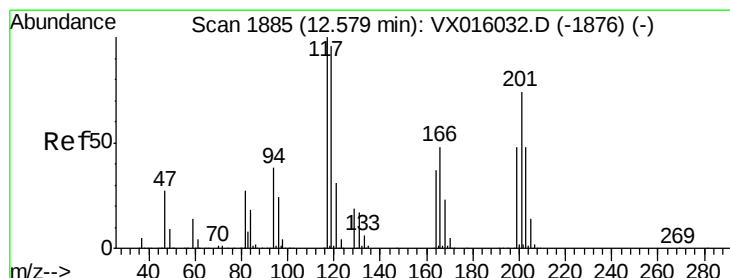
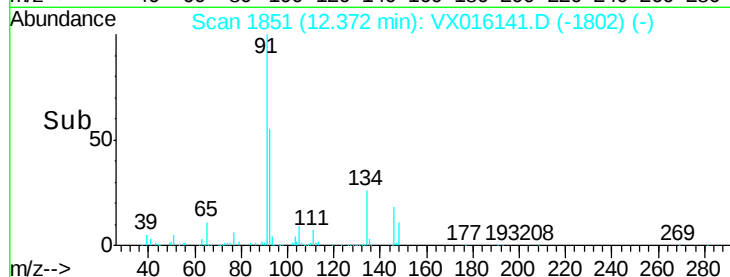
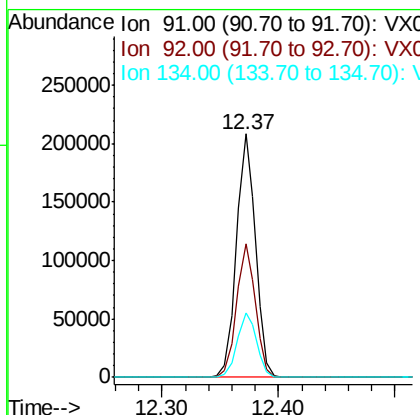
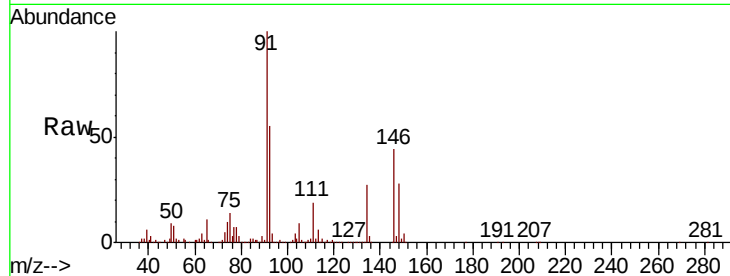




#89
n-Butylbenzene
Concen: 17.781 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

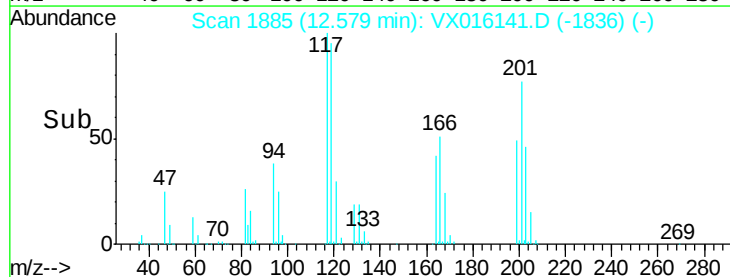
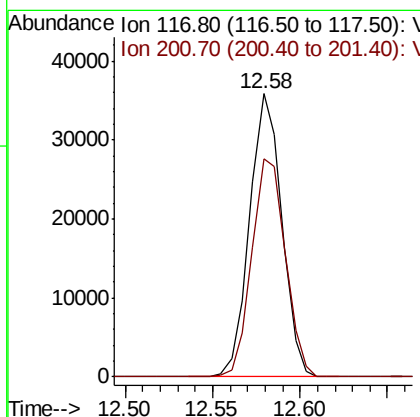
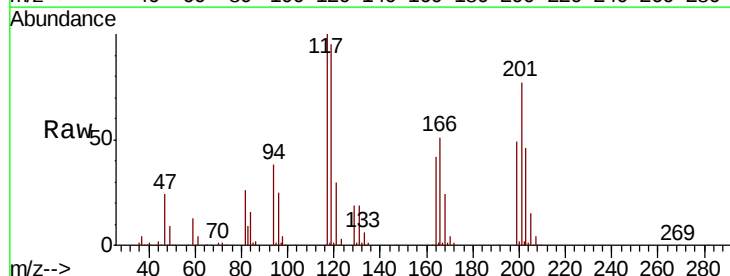
Instrument :
MSVOA_X
ClientSampleID :
VX0511WBSD01

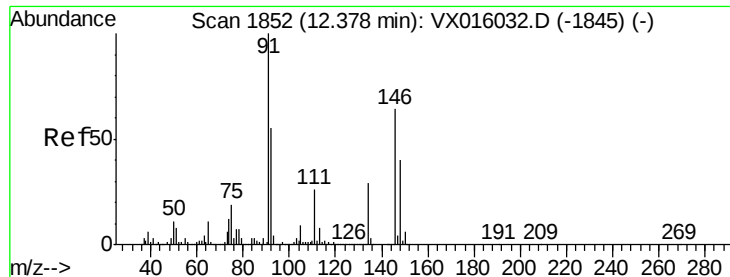
Tot Ion: 91 Resp: 237579
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.7
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 18.246 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016141.D
Acq: 11 May 2020 12:17

Tgt Ion: 117 Resp: 45832
Ion Ratio Lower Upper
117 100
201 80.7 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 18.403 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

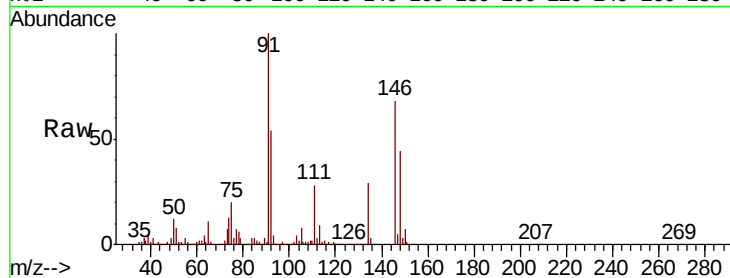
Tot Ion:146 Resp: 131684

Ion Ratio Lower Upper

146 100

111 41.5 21.1 63.1

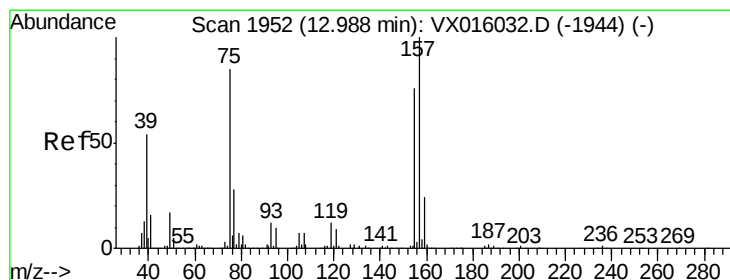
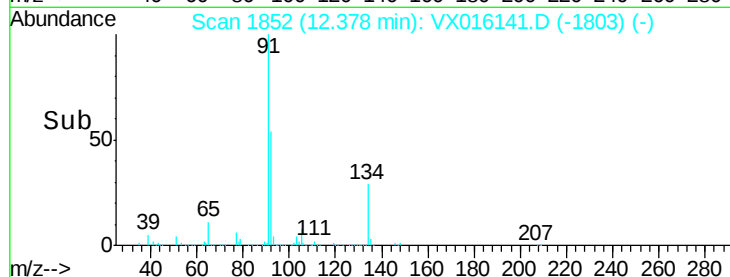
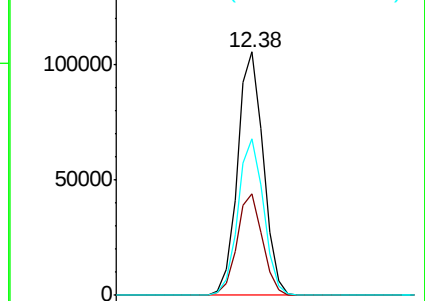
148 64.3 32.4 97.0



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: 17.252 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

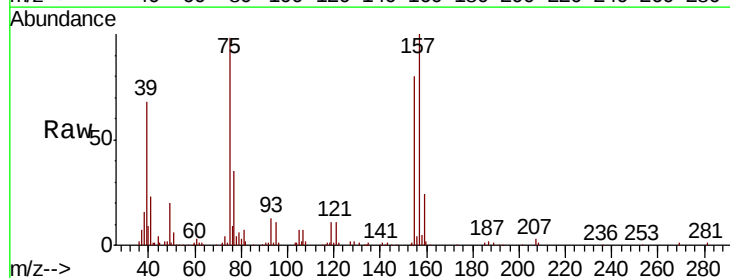
Tgt Ion: 75 Resp: 22746

Ion Ratio Lower Upper

75 100

155 87.2 42.5 127.5

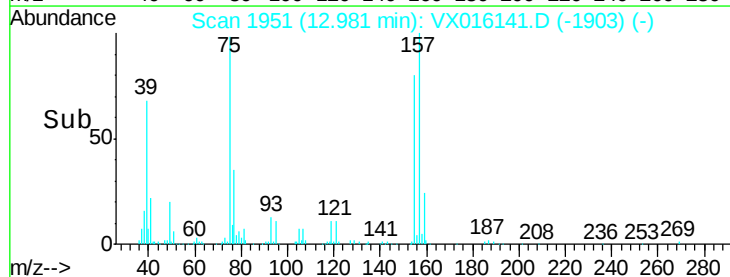
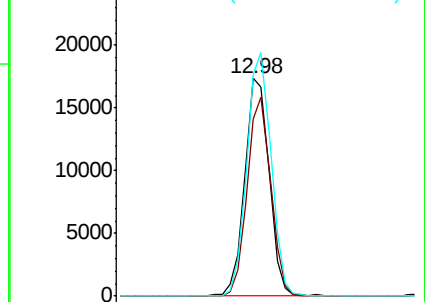
157 109.7 55.3 165.8

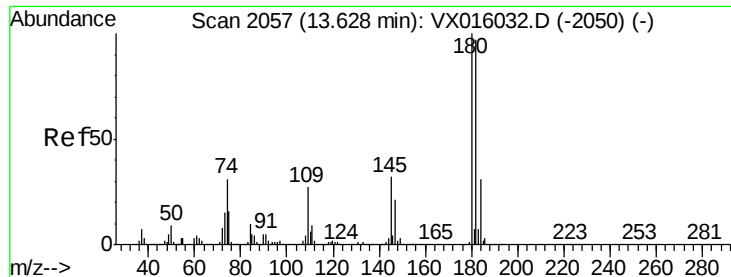


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

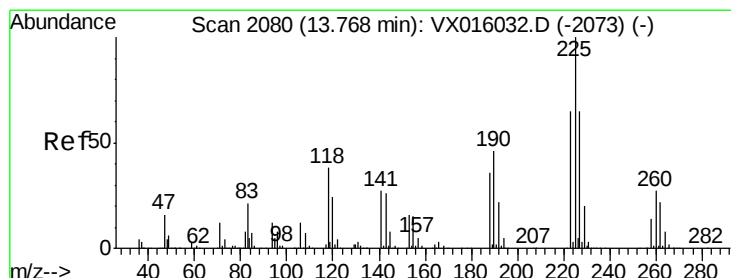
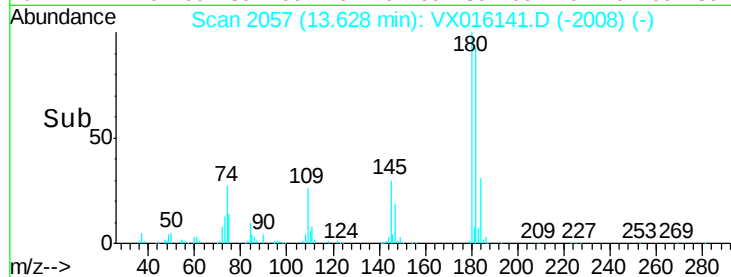
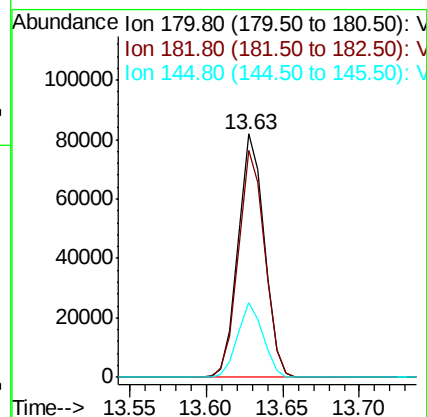
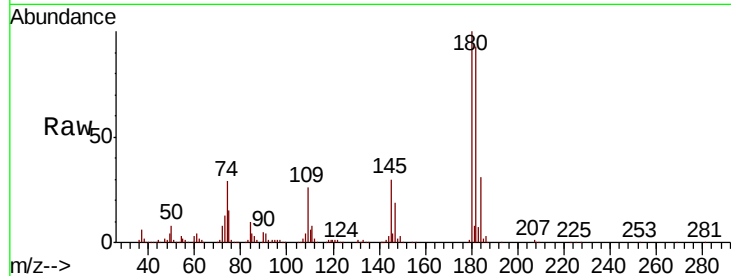




#93
 1,2,4-Trichlorobenzene
 Concen: 18.369 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

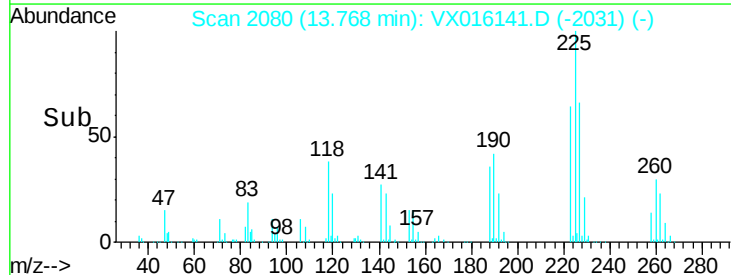
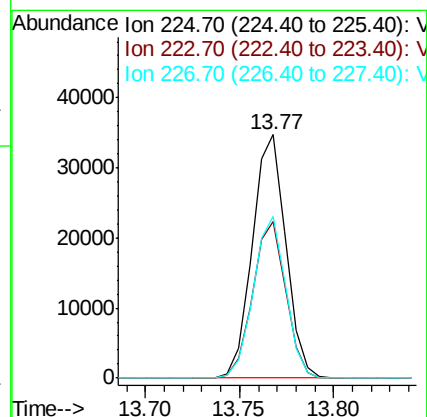
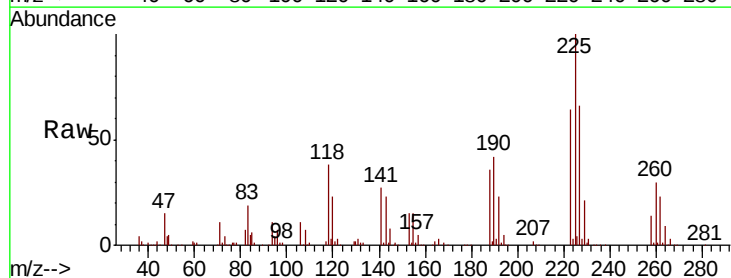
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0511WBSD01

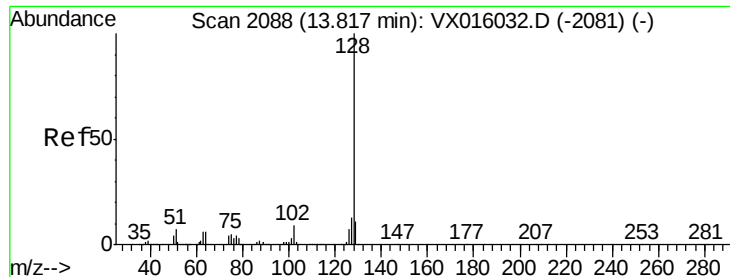
Tot Ion:180 Resp: 97313
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.7 146.1
 145 29.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 19.022 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016141.D
 Acq: 11 May 2020 12:17

Tgt Ion:225 Resp: 42644
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.3 96.9
 227 64.4 31.8 95.4





#95

Naphthalene

Concen: 18.443 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0511WBSD01

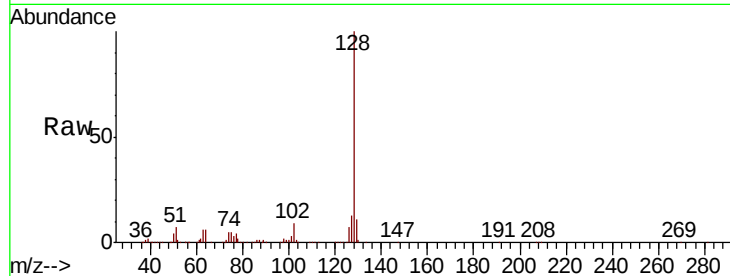
Tot Ion:128 Resp: 316373

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

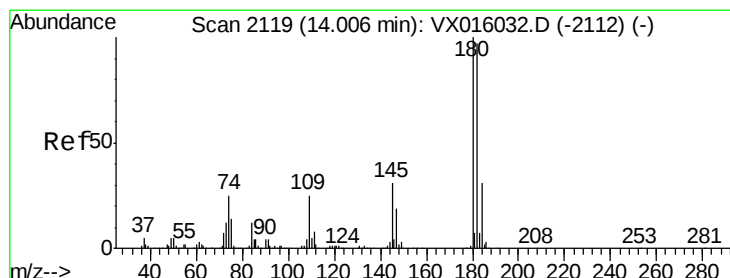
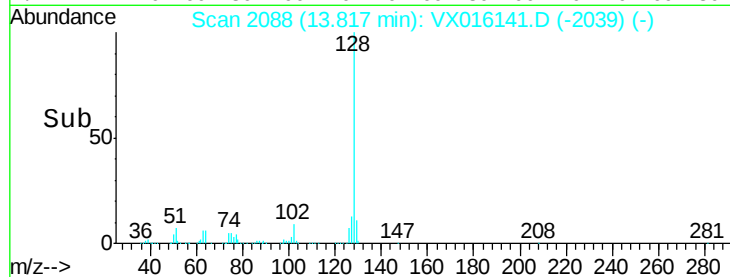
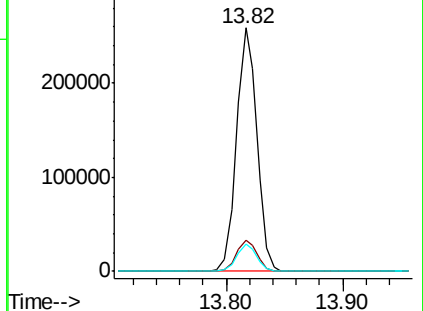
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.554 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016141.D

Acq: 11 May 2020 12:17

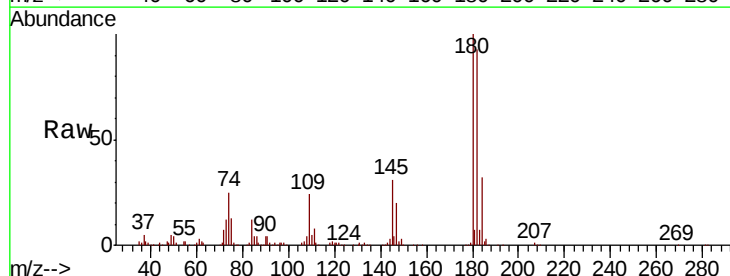
Tgt Ion:180 Resp: 96064

Ion Ratio Lower Upper

180 100

182 93.9 48.4 145.0

145 31.6 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

