

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016140.D
 Acq On : 11 May 2020 11:48
 Operator : JC/SP
 Sample : VX0511WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Quant Time: May 11 18:31:46 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	320688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	500583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233061	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	189551	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	
35) Dibromofluoromethane	5.46	113	148352	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
50) Toluene-d8	8.70	98	584674	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.12	95	221454	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	64388	18.969	ug/l	100
3) Chloromethane	1.32	50	70351	17.846	ug/l	99
4) Vinyl Chloride	1.40	62	75378	17.923	ug/l	99
5) Bromomethane	1.63	94	43163	20.357	ug/l	95
6) Chloroethane	1.72	64	46044	17.993	ug/l	100
7) Trichlorofluoromethane	1.92	101	98068	17.761	ug/l	100
8) Diethyl Ether	2.17	74	40242	17.298	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59686	18.736	ug/l	98
10) Methyl Iodide	2.49	142	58286	13.622	ug/l	98
11) Tert butyl alcohol	3.01	59	92508	86.690	ug/l	100
12) 1,1-Dichloroethene	2.36	96	58788	17.635	ug/l	93
13) Acrolein	2.28	56	35280	52.833	ug/l	96
14) Allyl chloride	2.71	41	109896	17.980	ug/l	97
15) Acrylonitrile	3.12	53	197948	89.418	ug/l	98
16) Acetone	2.42	43	158927	84.406	ug/l	95
17) Carbon Disulfide	2.55	76	177598	17.606	ug/l	100
18) Methyl Acetate	2.75	43	85298	18.425	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	214777	18.690	ug/l	98
20) Methylene Chloride	2.84	84	68509	17.650	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	65148	17.537	ug/l	97
22) Diisopropyl ether	3.82	45	213473	18.513	ug/l	100
23) Vinyl Acetate	3.79	43	931000	91.769	ug/l	100
24) 1,1-Dichloroethane	3.67	63	120451	18.673	ug/l	99
25) 2-Butanone	4.64	43	272226	89.722	ug/l	99
26) 2,2-Dichloropropane	4.55	77	108146	18.358	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	75194	18.515	ug/l	98
28) Bromochloromethane	4.98	49	55549	18.886	ug/l	98
29) Tetrahydrofuran	5.09	42	180496	89.781	ug/l	100
30) Chloroform	5.18	83	119209	18.561	ug/l	99
31) Cyclohexane	5.56	56	109659	18.706	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	108678	18.616	ug/l	99
36) 1,1-Dichloropropene	5.77	75	92255	18.722	ug/l	99
37) Ethyl Acetate	4.79	43	104578	18.311	ug/l	99
38) Carbon Tetrachloride	5.76	117	94646	18.897	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	111983	18.871	ug/l	99
40) Benzene	6.12	78	273895	18.997	ug/l	99
41) Methacrylonitrile	5.01	41	57933	18.783	ug/l	98
42) 1,2-Dichloroethane	6.17	62	94770	18.247	ug/l	99
43) Isopropyl Acetate	6.41	43	168855	18.530	ug/l	99
44) Trichloroethene	7.19	130	97537	19.042	ug/l	96
45) 1,2-Dichloropropane	7.49	63	70871	19.426	ug/l	99
46) Dibromomethane	7.64	93	46592	18.793	ug/l	99
47) Bromodichloromethane	7.88	83	96366	19.085	ug/l	96
48) Methyl methacrylate	7.74	41	77871	18.035	ug/l	97
49) 1,4-Dioxane	7.71	88	38303	369.875	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	521381	93.501	ug/l	98
52) Toluene	8.77	92	171974	19.136	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	113637	18.876	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	118750	18.885	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	68116	19.265	ug/l	99
56) Ethyl methacrylate	9.16	69	109903	19.043	ug/l	98
57) 1,3-Dichloropropane	9.35	76	118921	19.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	277791	90.410	ug/l	99
59) 2-Hexanone	9.47	43	403849	92.221	ug/l	100
60) Dibromochloromethane	9.57	129	74589	19.154	ug/l	99
61) 1,2-Dibromoethane	9.65	107	72056	18.814	ug/l	99
64) Tetrachloroethene	9.32	164	110724	19.411	ug/l	98
65) Chlorobenzene	10.12	112	183566	18.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	68633	19.086	ug/l	99
67) Ethyl Benzene	10.24	91	328379	18.916	ug/l	100
68) m/p-Xylenes	10.34	106	247551	38.062	ug/l	99
69) o-Xylene	10.68	106	119500	19.114	ug/l	98
70) Styrene	10.70	104	198023	18.670	ug/l	99
71) Bromoform	10.84	173	55639	18.991	ug/l #	99
73) Isopropylbenzene	11.00	105	320106	18.884	ug/l	99
74) N-amyl acetate	10.88	43	141350	17.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	54458	18.727	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	130373	24.651	ug/l	83
77) Bromobenzene	11.24	156	79945	18.271	ug/l	99
78) n-propylbenzene	11.35	91	367365	18.629	ug/l	100
79) 2-Chlorotoluene	11.41	91	214009	18.385	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	270019	18.866	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39876	17.968	ug/l	98
82) 4-Chlorotoluene	11.49	91	253455	18.438	ug/l	100
83) tert-Butylbenzene	11.76	119	230014	18.648	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	271016	18.729	ug/l	100
85) sec-Butylbenzene	11.93	105	310138	18.622	ug/l	99
86) p-Isopropyltoluene	12.05	119	287576	18.598	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	142351	18.119	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	144741	18.152	ug/l	99
89) n-Butylbenzene	12.37	91	253150	17.921	ug/l	100
90) Hexachloroethane	12.58	117	48903	18.416	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	140355	18.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23522	16.875	ug/l	100

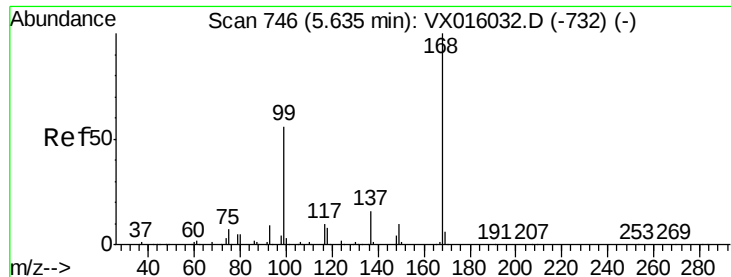
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016140.D
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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	101588	18.138	ug/l	98
94) Hexachlorobutadiene	13.77	225	46477	19.593	ug/l	98
95) Naphthalene	13.82	128	328194	18.097	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	101119	18.474	ug/l	98

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

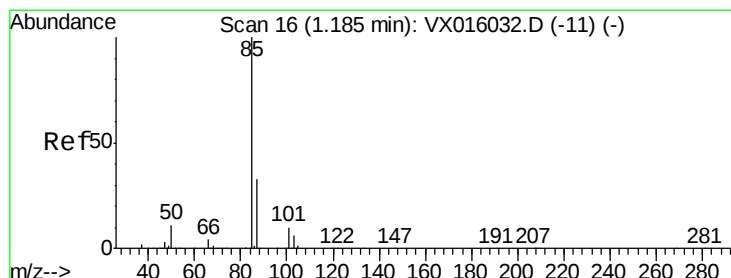
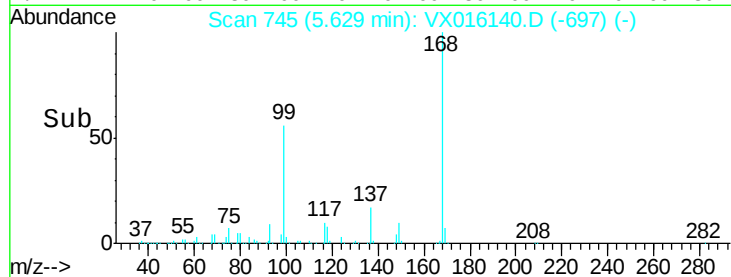
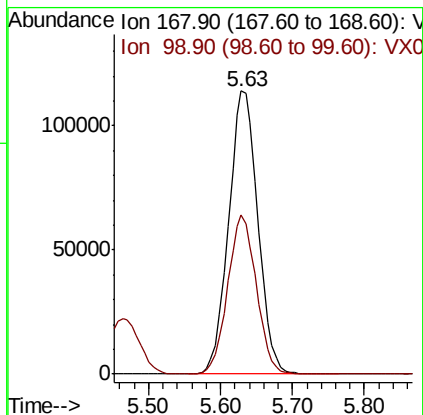
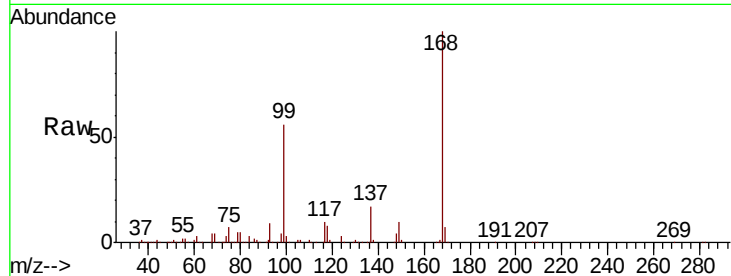


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

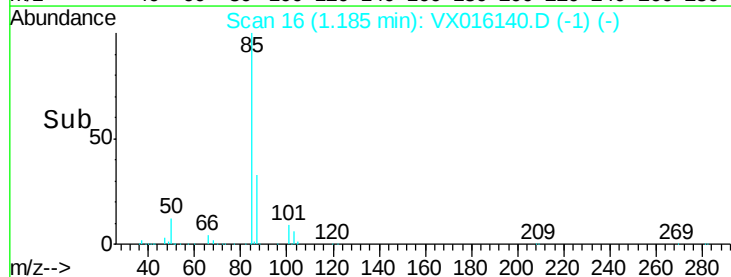
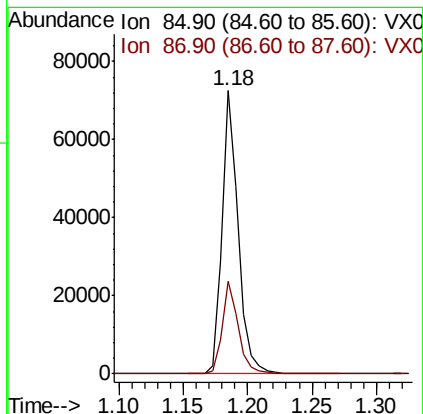
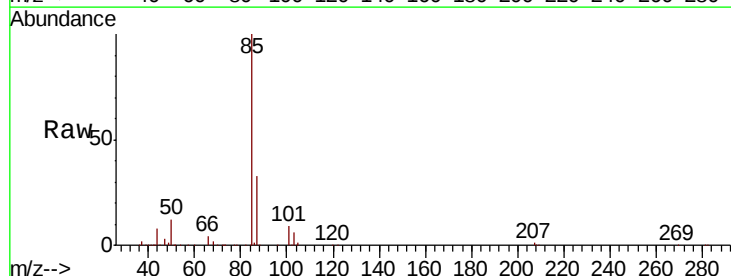
Tot Ion:168 Resp: 320688
 Ion Ratio Lower Upper
 168 100
 99 56.4 45.0 67.4

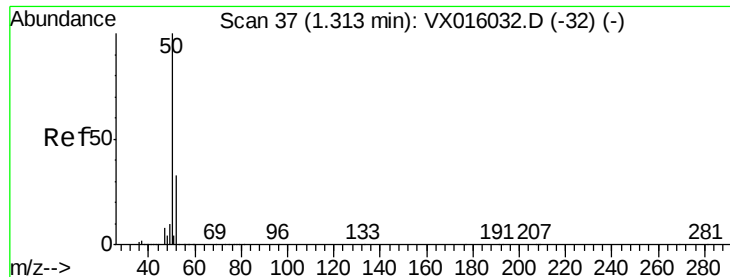


#2

Dichlorodifluoromethane
 Concen: 18.969 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion: 85 Resp: 64388
 Ion Ratio Lower Upper
 85 100
 87 32.5 16.4 49.1





#3

Chloromethane

Concen: 17.846 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

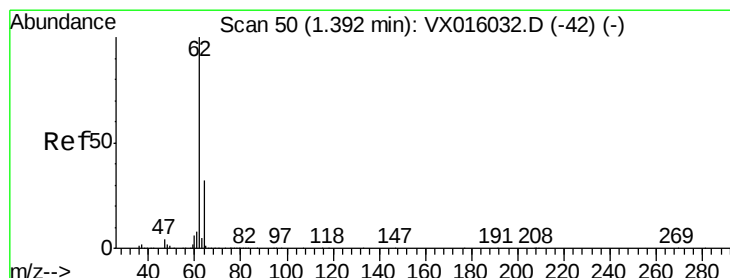
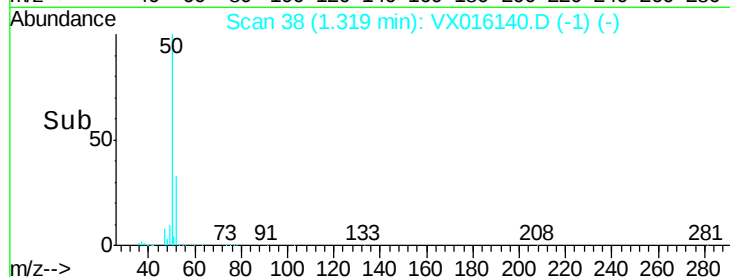
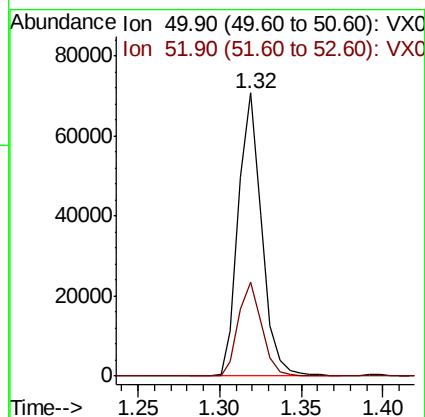
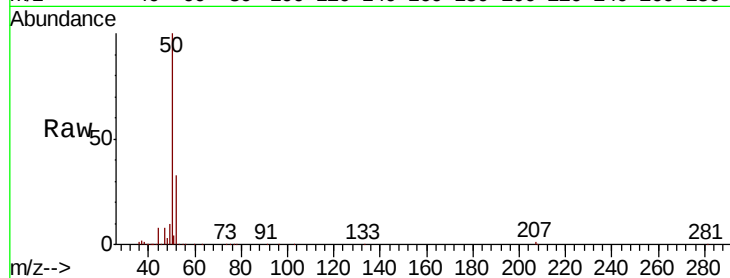
VX0511WBS01

Tot Ion: 50 Resp: 70351

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 17.923 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX016140.D

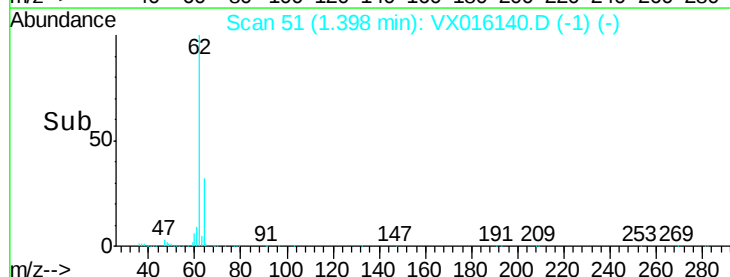
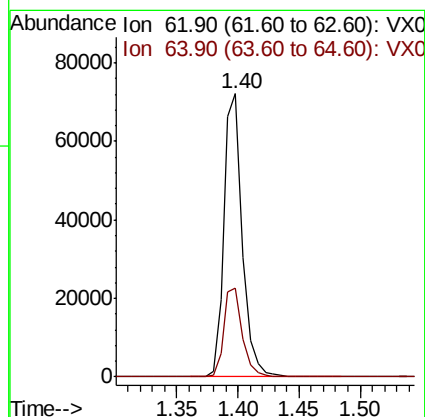
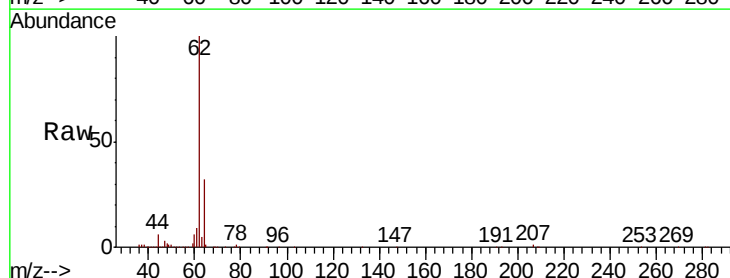
Acq: 11 May 2020 11:48

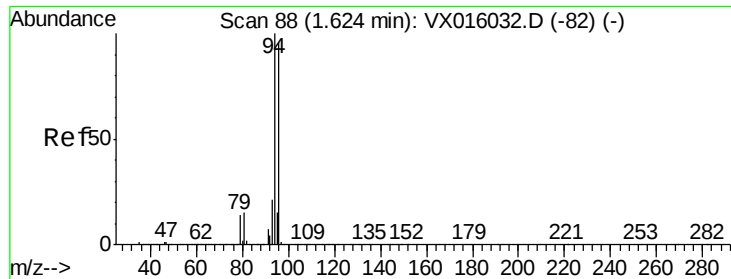
Tgt Ion: 62 Resp: 75378

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 20.357 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

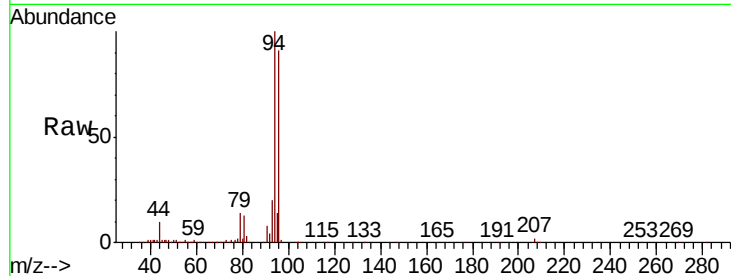
VX0511WBS01

Tot Ion: 94 Resp: 43163

Ion Ratio Lower Upper

94 100

96 91.0 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

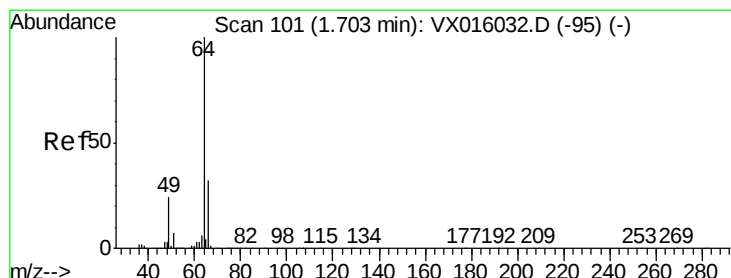
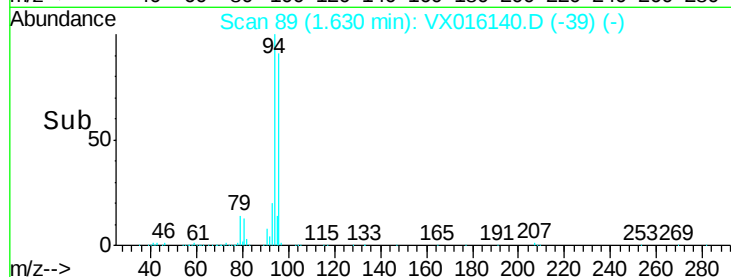
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 17.993 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016140.D

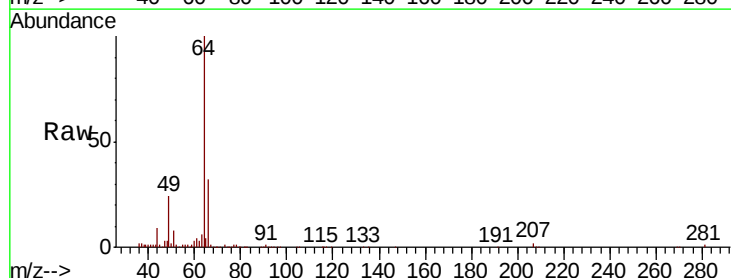
Acq: 11 May 2020 11:48

Tgt Ion: 64 Resp: 46044

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

40000

30000

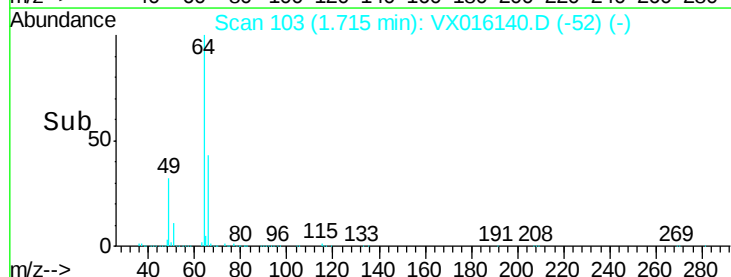
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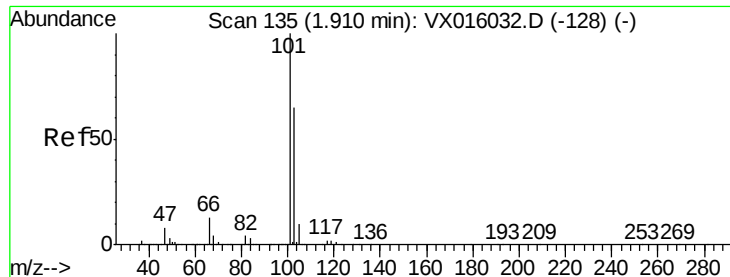
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Time-->

1.70 1.80



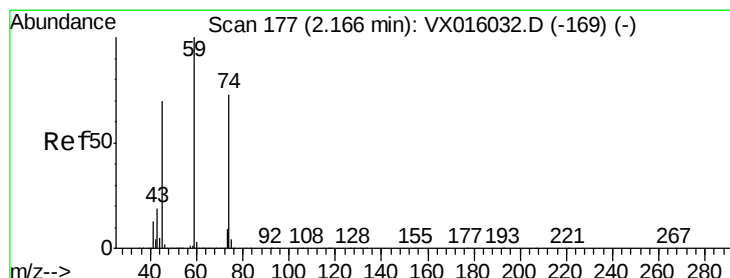
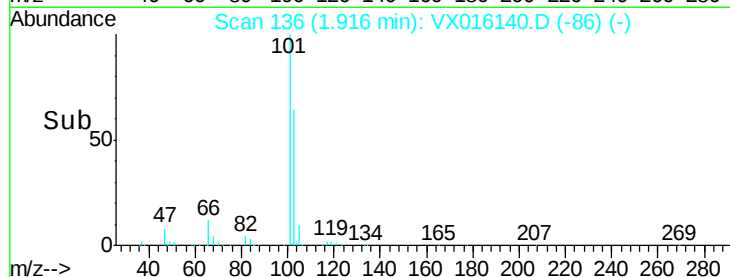
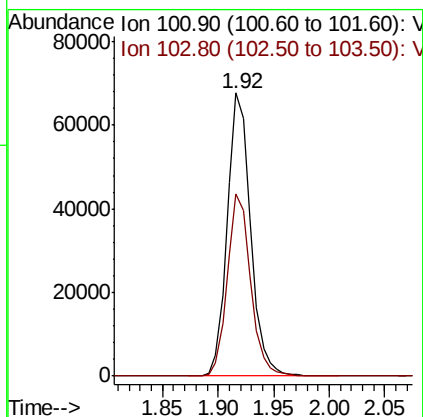
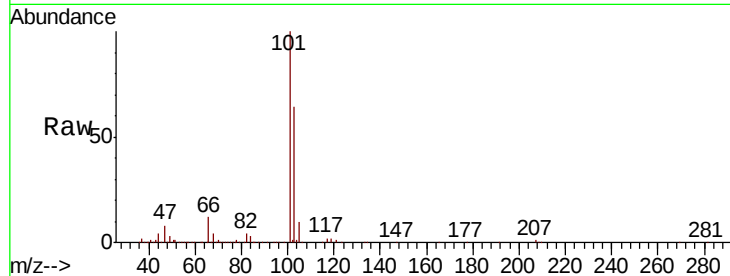


#7

Trichlorofluoromethane
 Concen: 17.761 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

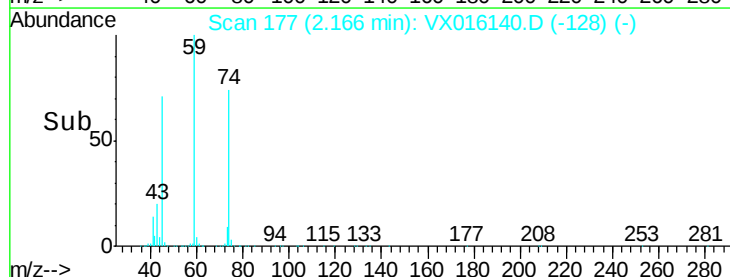
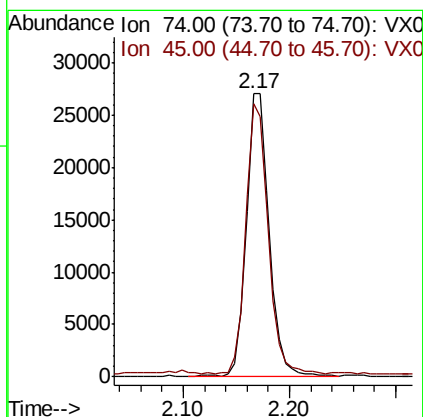
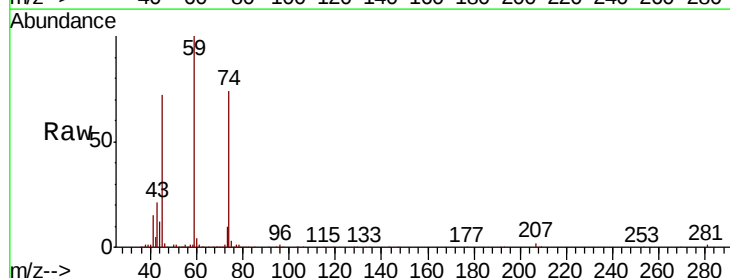
Tot Ion:101 Resp: 98068
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

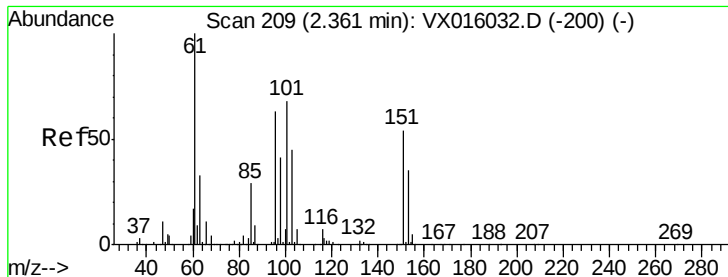


#8

Diethyl Ether
 Concen: 17.298 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion: 74 Resp: 40242
 Ion Ratio Lower Upper
 74 100
 45 94.1 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.736 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

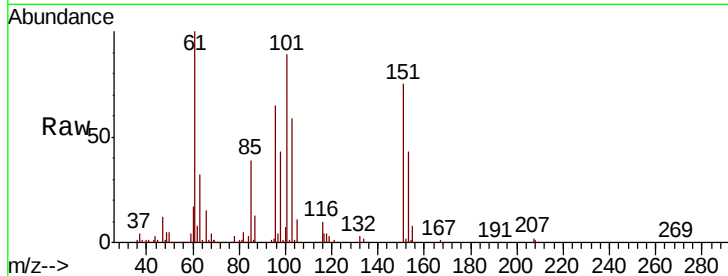
Tot Ion:101 Resp: 59686

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

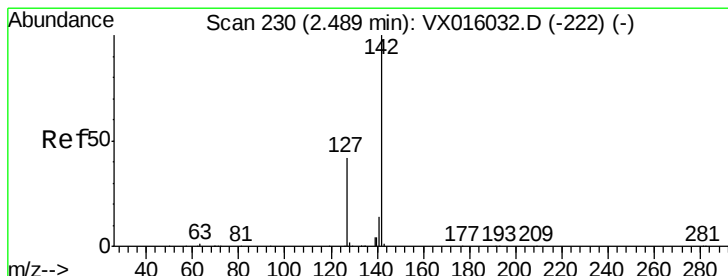
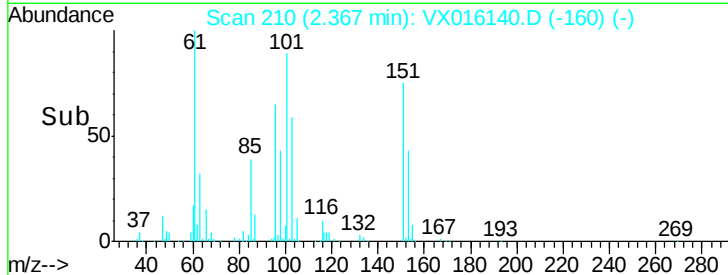
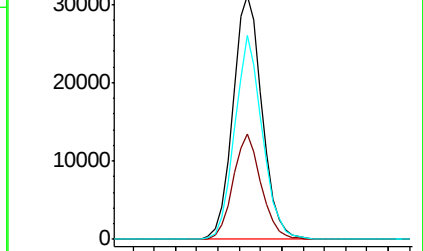
151 79.4 62.1 93.1



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: 13.622 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

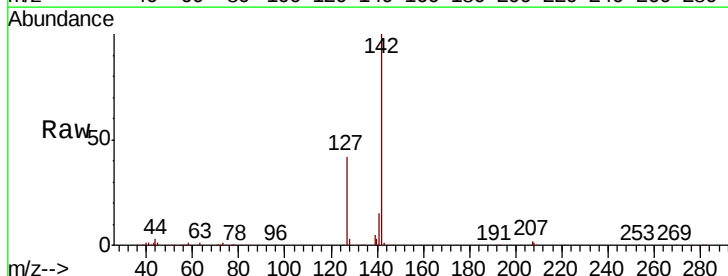
Tgt Ion:142 Resp: 58286

Ion Ratio Lower Upper

142 100

127 42.1 34.6 52.0

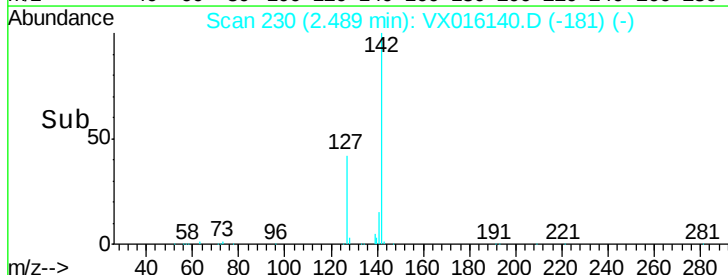
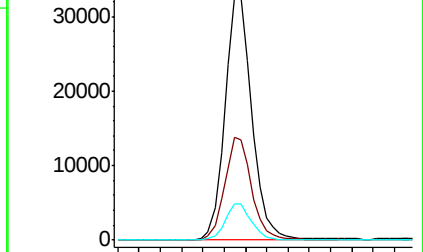
141 14.4 11.3 16.9

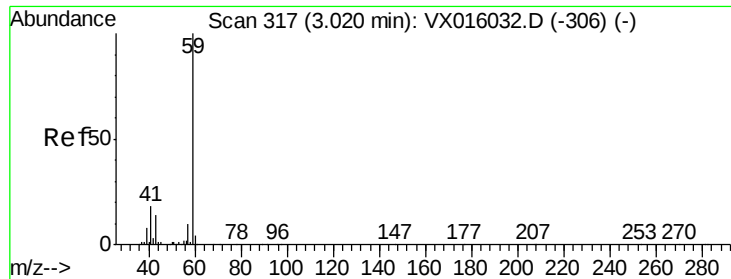


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



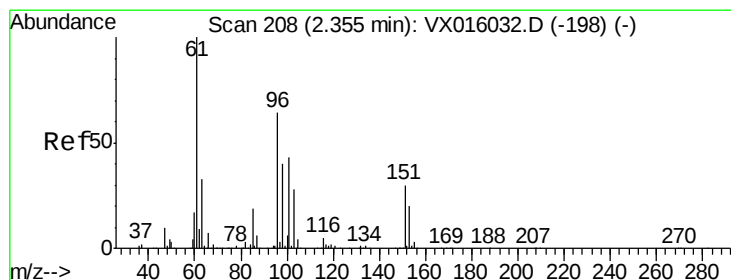
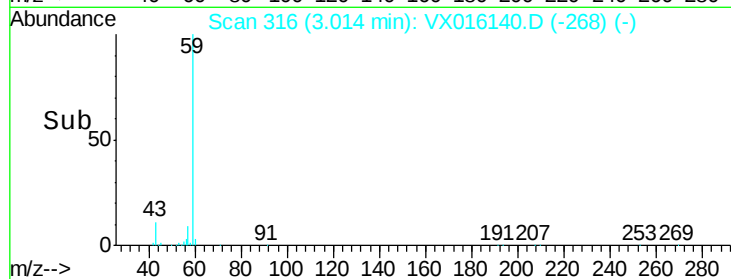
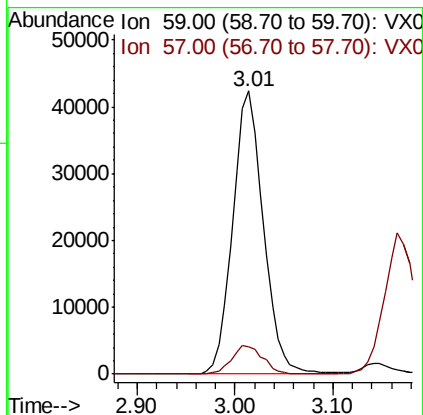
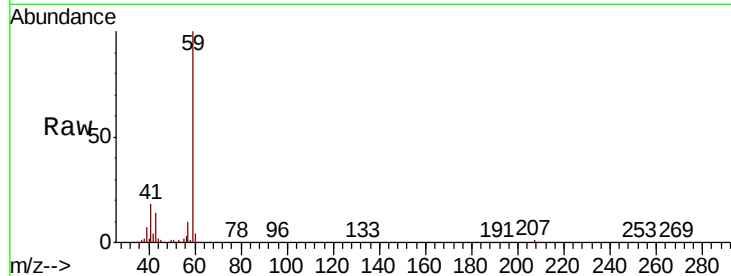


#11

Tert butyl alcohol
 Concen: 86.690 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

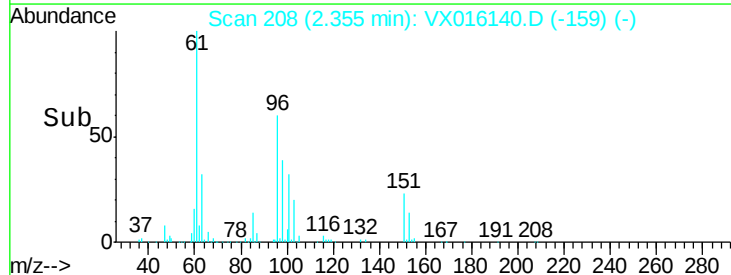
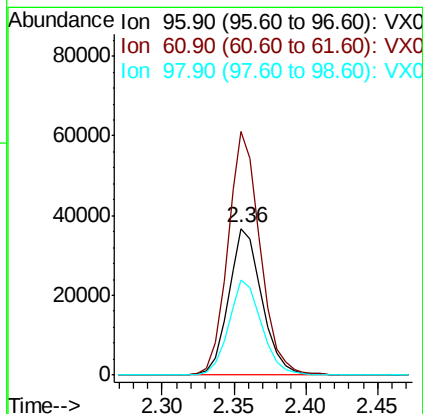
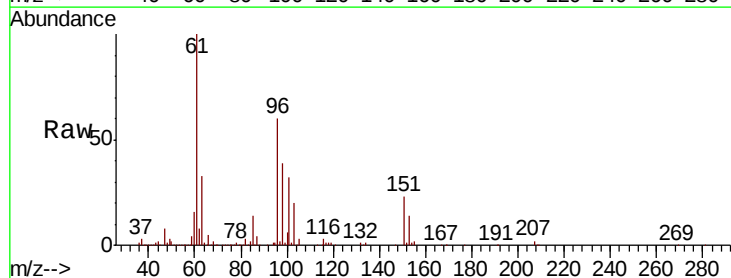
Tot Ion: 59 Resp: 92508
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

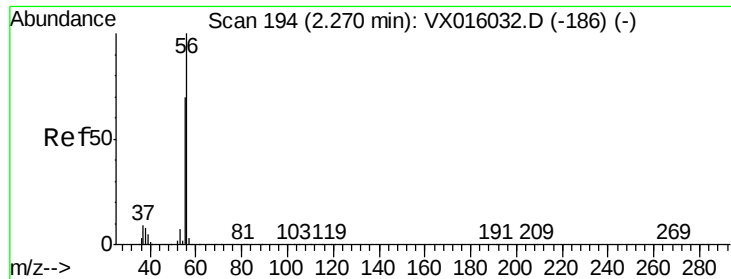


#12

1,1-Dichloroethene
 Concen: 17.635 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion: 96 Resp: 58788
 Ion Ratio Lower Upper
 96 100
 61 166.3 124.8 187.2
 98 65.1 49.7 74.5

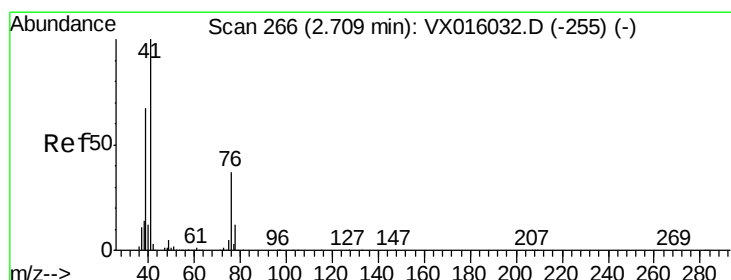
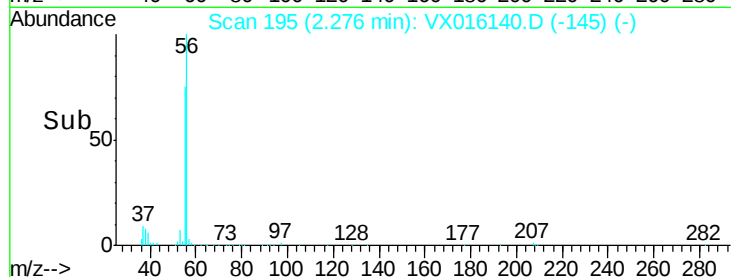
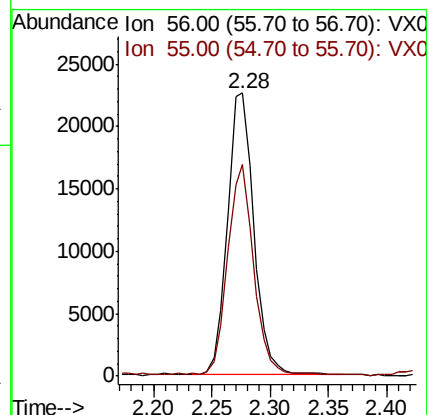
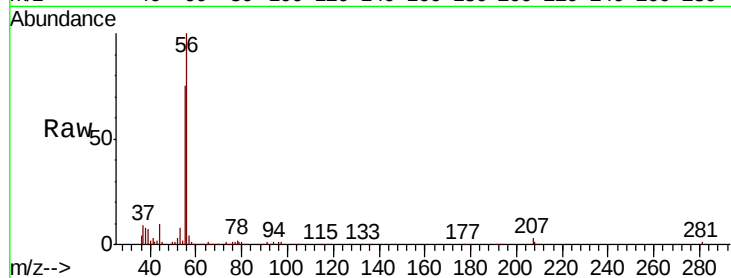




#13
Acrolein
Concen: 52.833 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

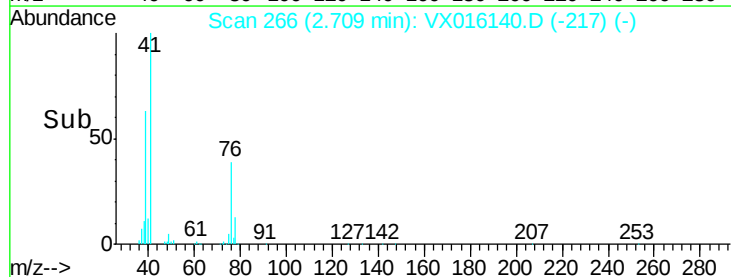
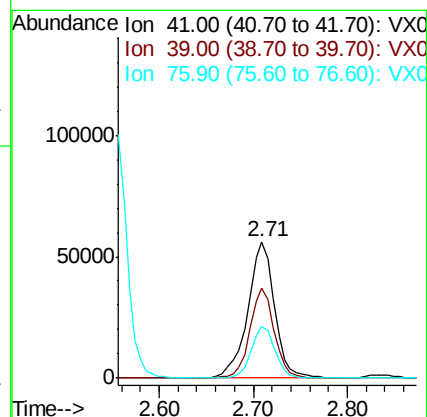
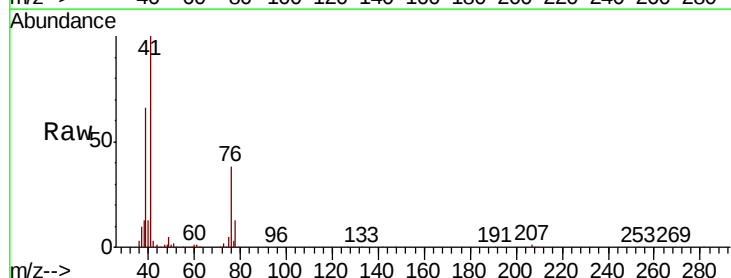
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

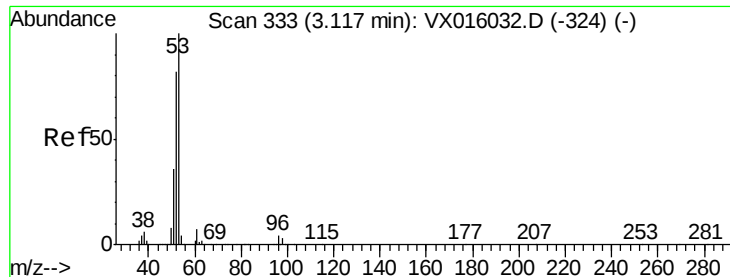
Tot Ion: 56 Resp: 35280
Ion Ratio Lower Upper
56 100
55 74.0 56.5 84.7



#14
Allyl chloride
Concen: 17.980 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 41 Resp: 109896
Ion Ratio Lower Upper
41 100
39 60.2 50.5 75.7
76 34.3 26.6 40.0





#15

Acrylonitrile

Concen: 89.418 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0511WBS01

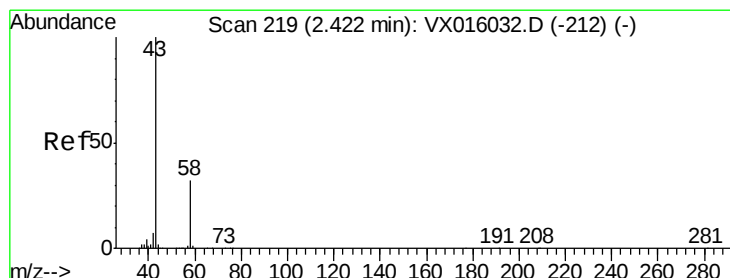
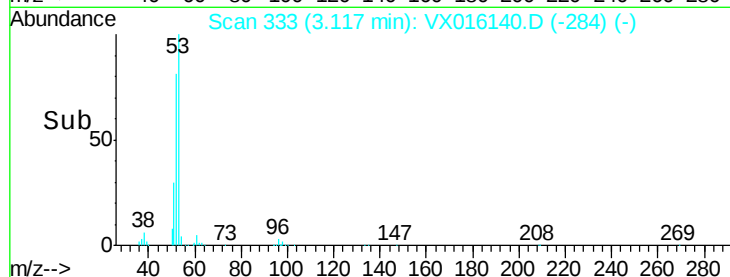
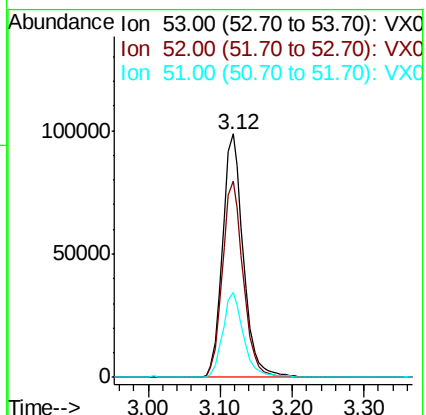
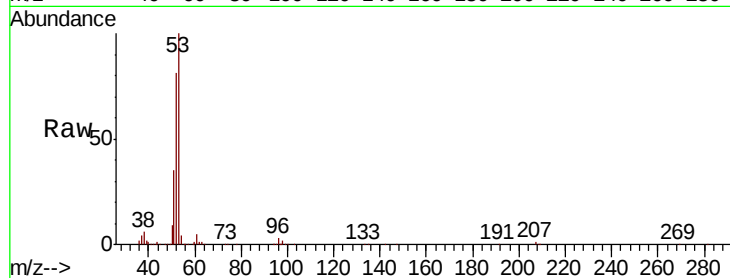
Tot Ion: 53 Resp: 197948

Ion Ratio Lower Upper

53 100

52 81.0 66.1 99.1

51 35.2 28.8 43.2



#16

Acetone

Concen: 84.406 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016140.D

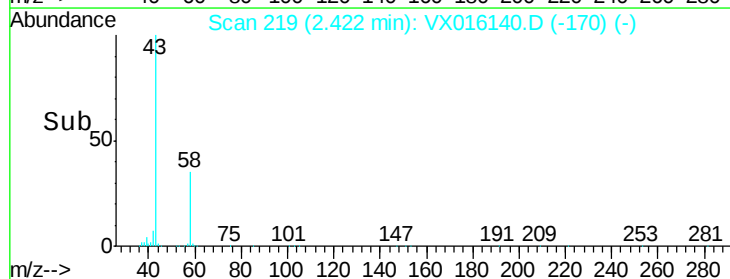
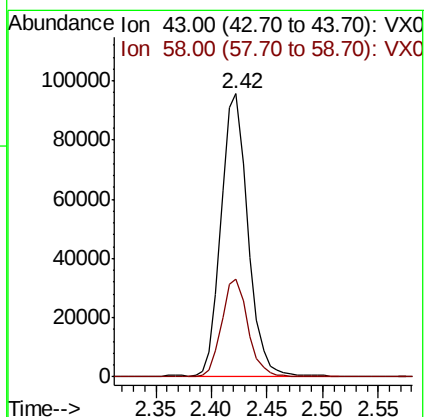
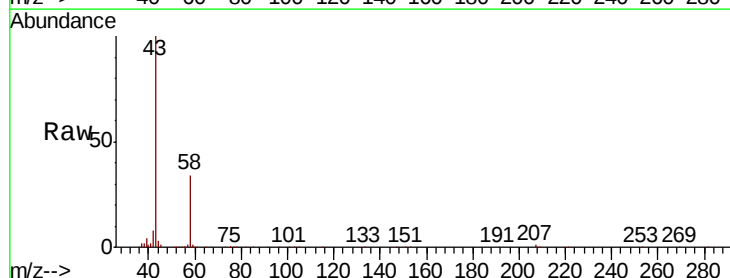
Acq: 11 May 2020 11:48

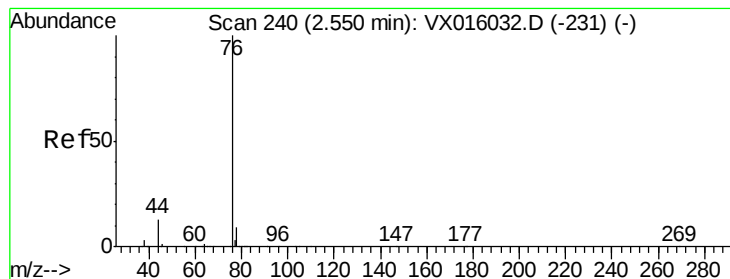
Tgt Ion: 43 Resp: 158927

Ion Ratio Lower Upper

43 100

58 34.4 25.4 38.0





#17

Carbon Disulfide

Concen: 17.606 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

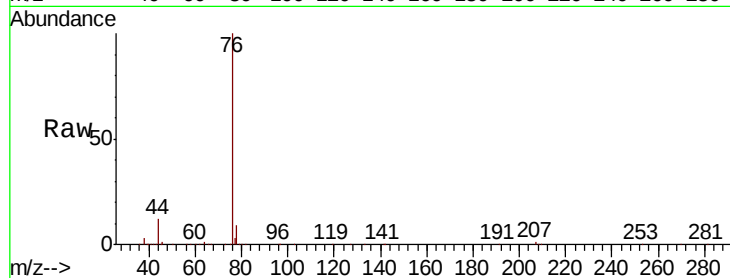
VX0511WBS01

Tot Ion: 76 Resp: 177598

Ion Ratio Lower Upper

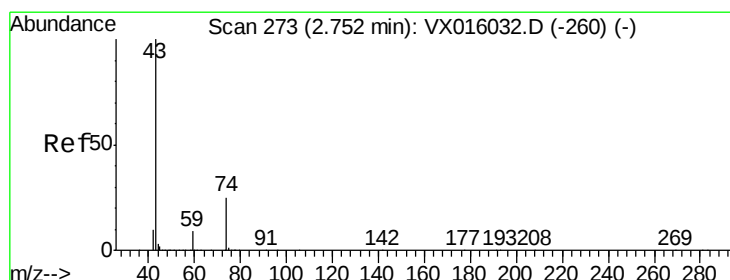
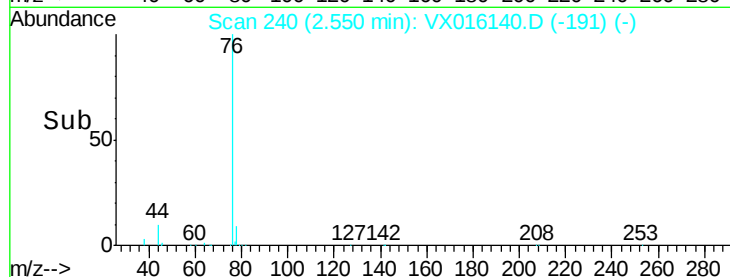
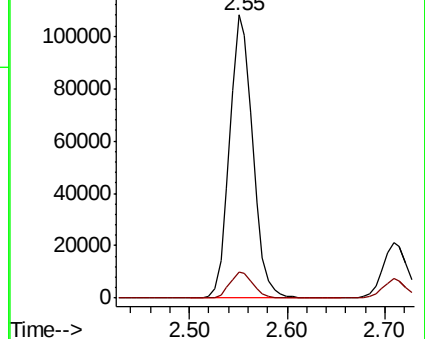
76 100

78 9.2 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: 18.425 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016140.D

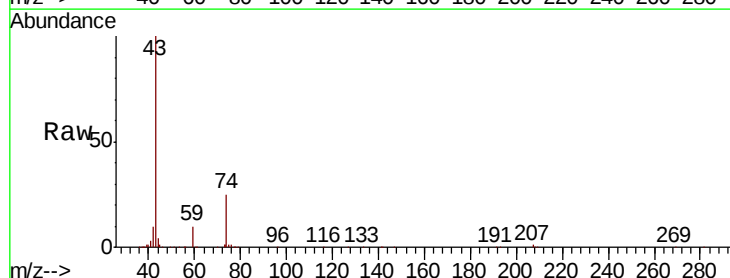
Acq: 11 May 2020 11:48

Tgt Ion: 43 Resp: 85298

Ion Ratio Lower Upper

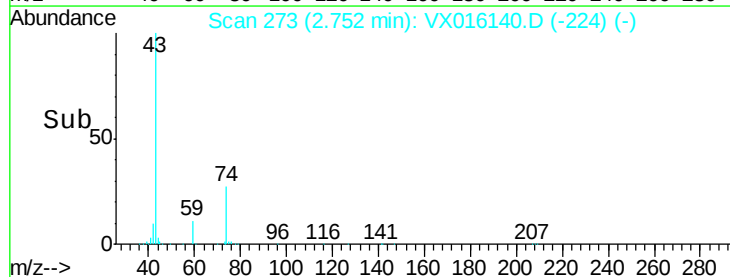
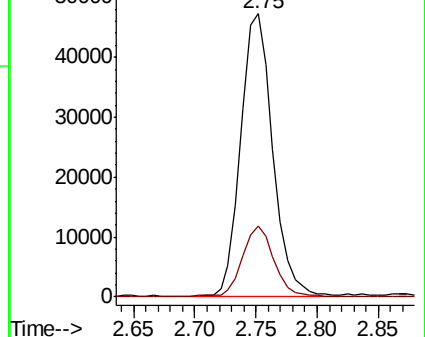
43 100

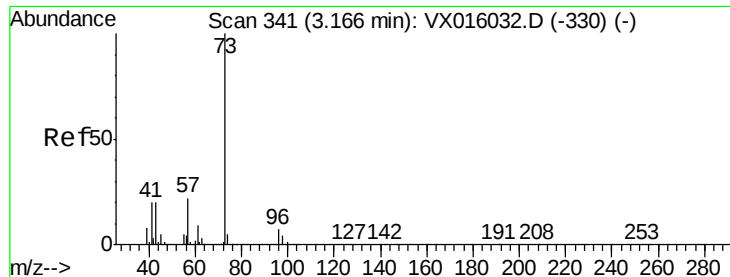
74 25.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

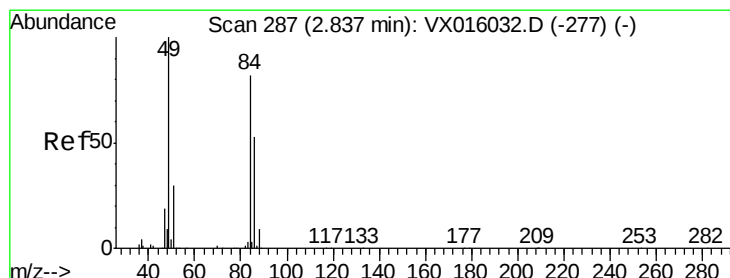
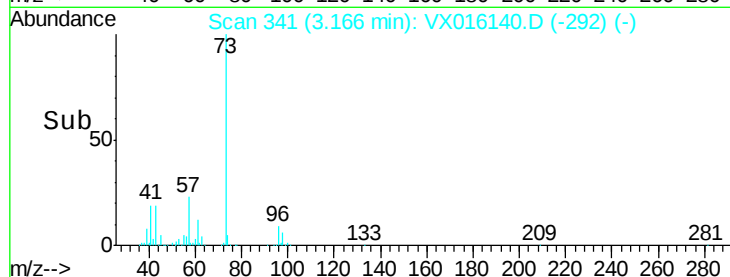
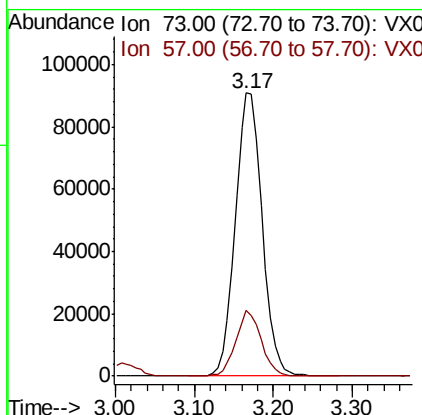
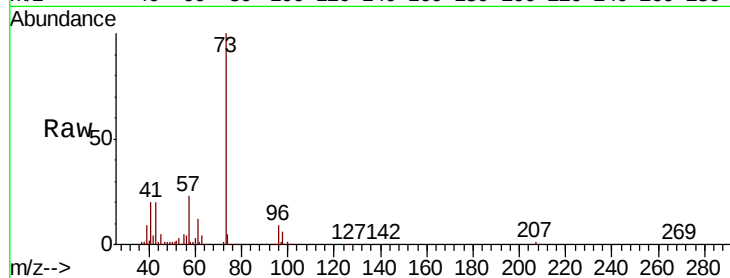




#19
Methyl tert-butyl Ether
Concen: 18.690 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

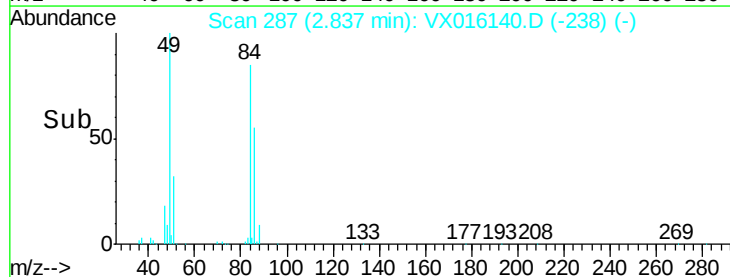
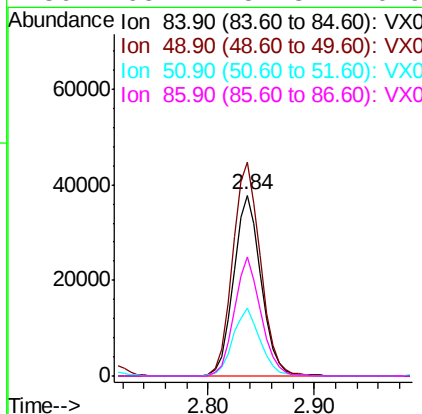
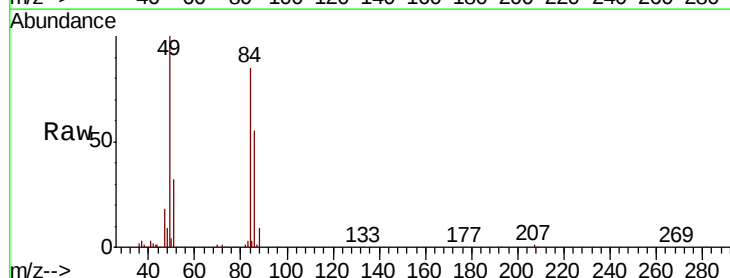
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

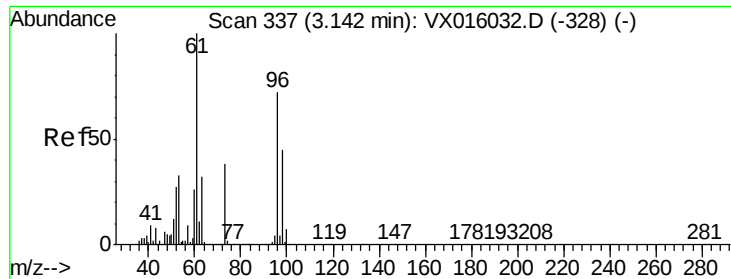
Tot Ion: 73 Resp: 214777
Ion Ratio Lower Upper
73 100
57 23.2 17.8 26.6



#20
Methylene Chloride
Concen: 17.650 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 84 Resp: 68509
Ion Ratio Lower Upper
84 100
49 117.9 97.3 145.9
51 37.8 29.3 43.9
86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.537 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

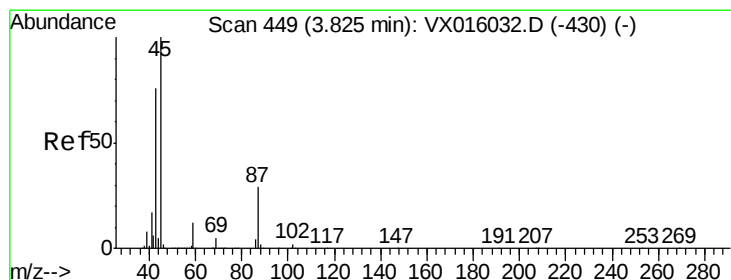
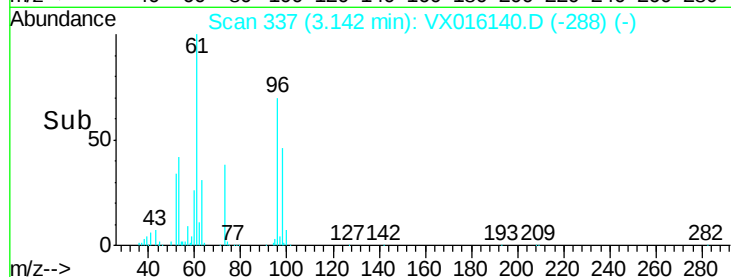
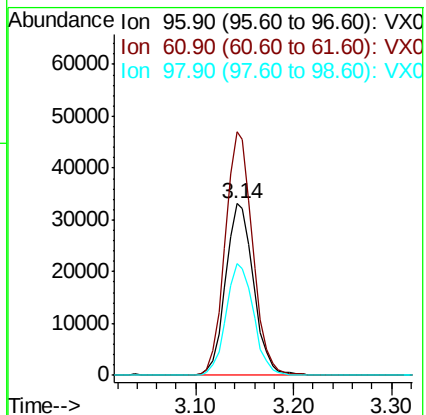
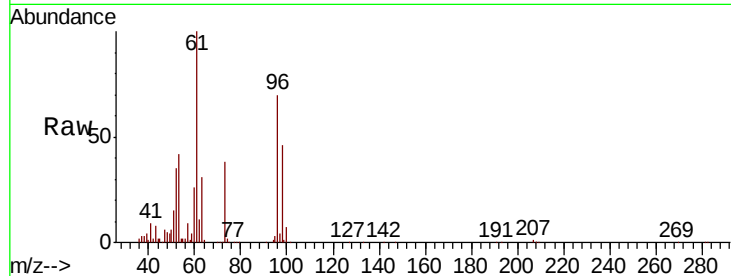
Tot Ion: 96 Resp: 65148

Ion Ratio Lower Upper

96 100

61 142.4 111.2 166.8

98 65.2 50.2 75.4



#22

Diisopropyl ether

Concen: 18.513 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion: 45 Resp: 213473

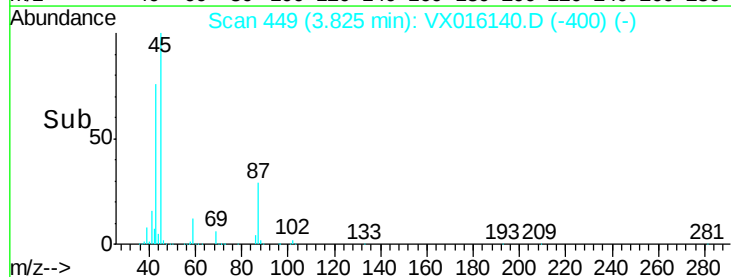
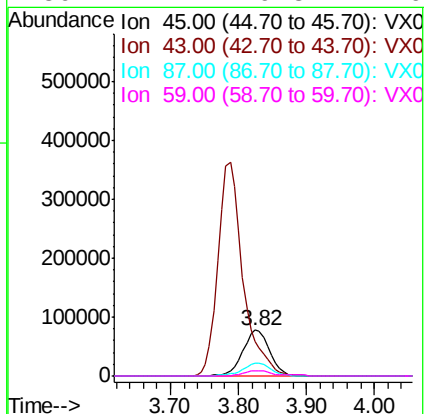
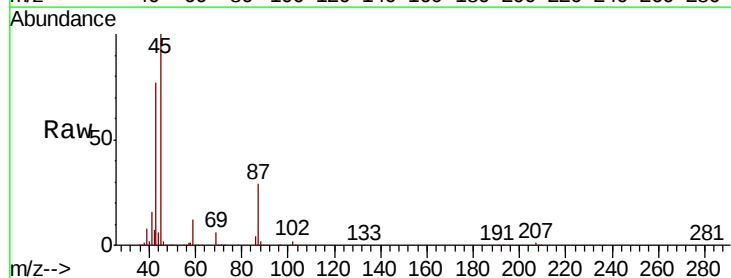
Ion Ratio Lower Upper

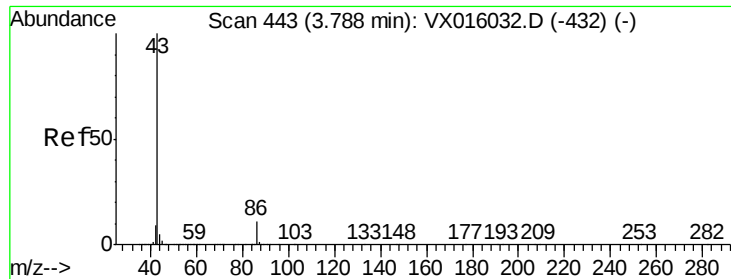
45 100

43 76.3 61.1 91.7

87 29.5 23.0 34.6

59 12.1 9.8 14.6





#23

Vinyl Acetate

Concen: 91.769 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

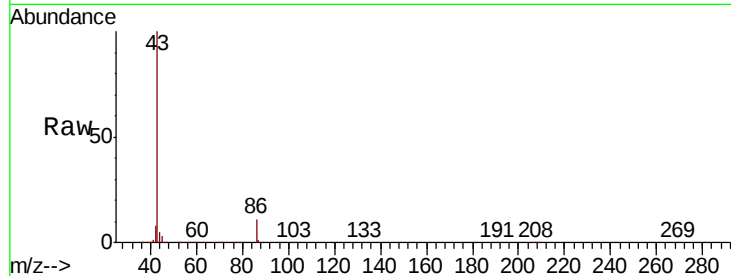
VX0511WBS01

Tot Ion: 43 Resp: 931000

Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

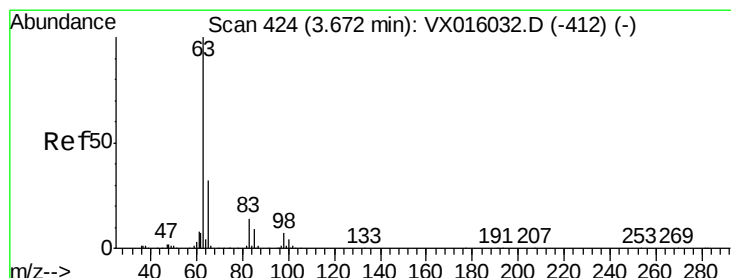
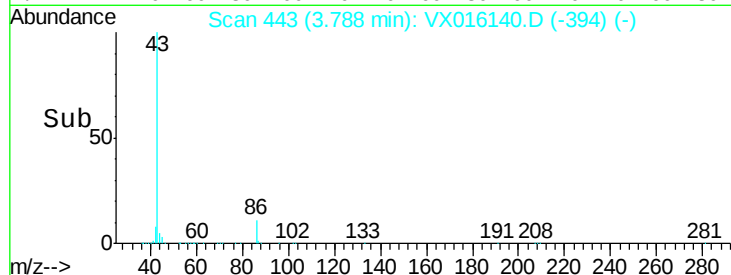
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.673 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

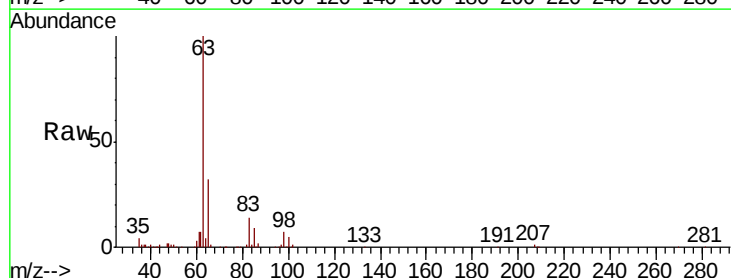
Tgt Ion: 63 Resp: 120451

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

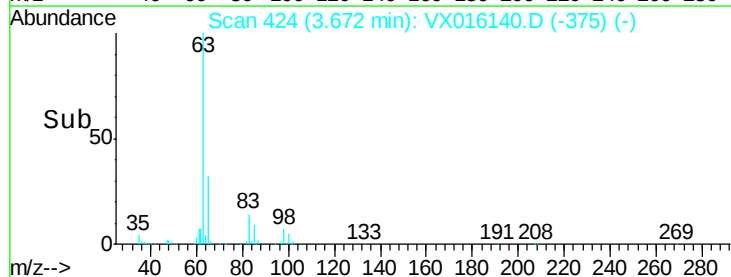
60000

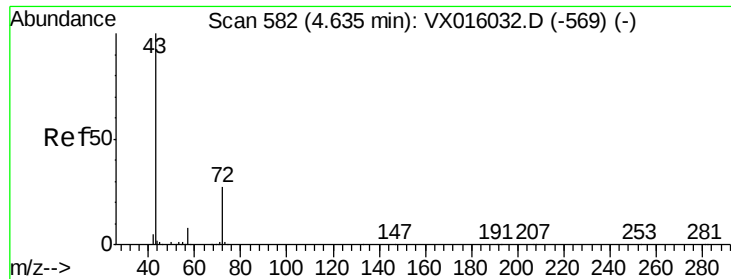
40000

20000

0

Time-->

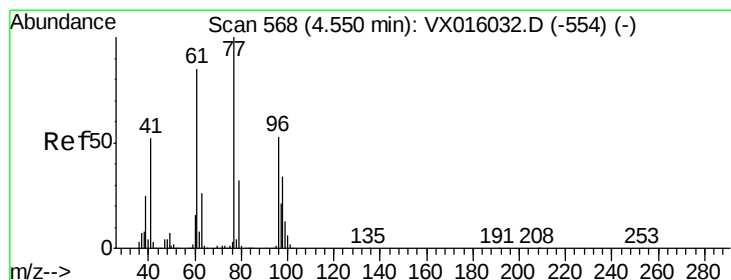
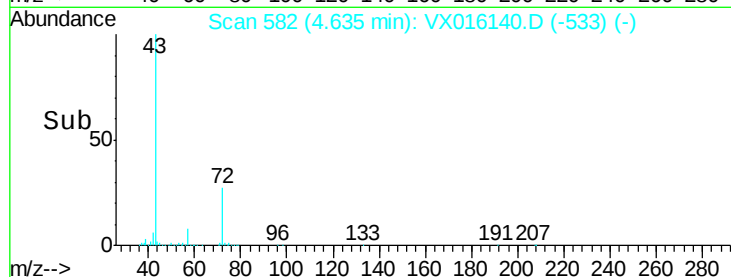
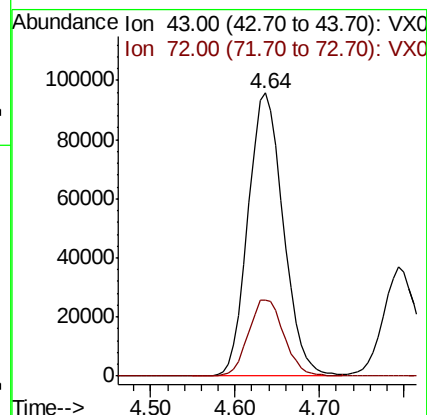
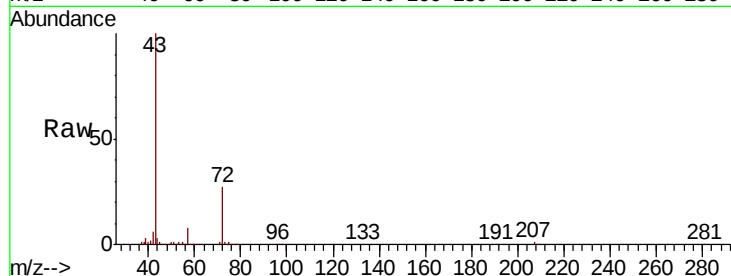




#25
2-Butanone
Concen: 89.722 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

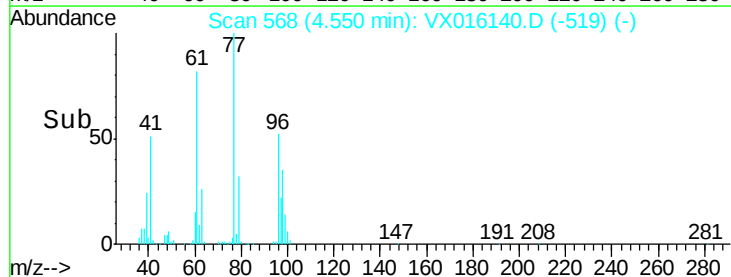
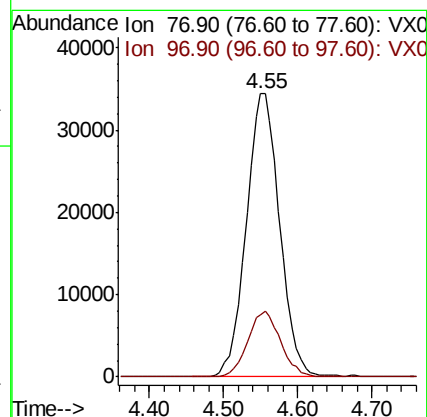
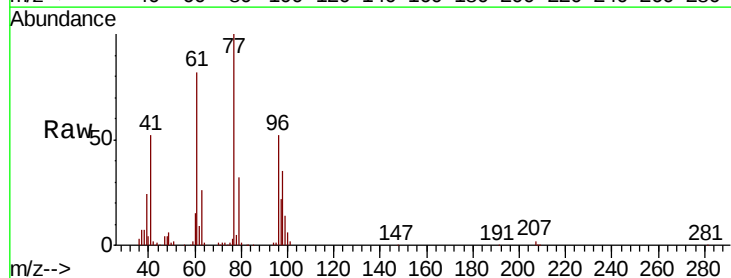
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

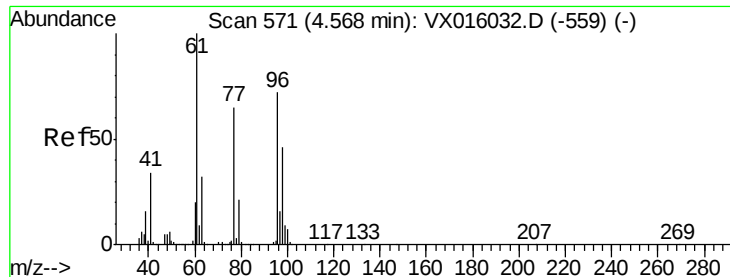
Tot Ion: 43 Resp: 272226
Ion Ratio Lower Upper
43 100
72 26.8 21.8 32.8



#26
2,2-Dichloropropane
Concen: 18.358 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 77 Resp: 108146
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



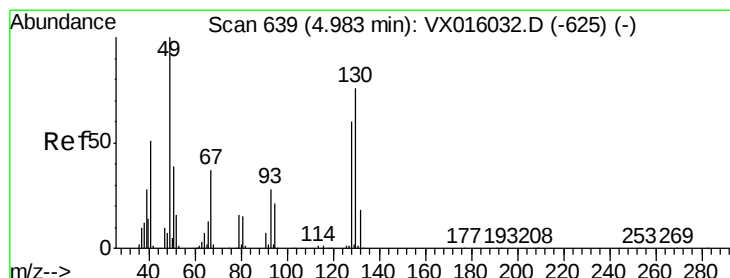
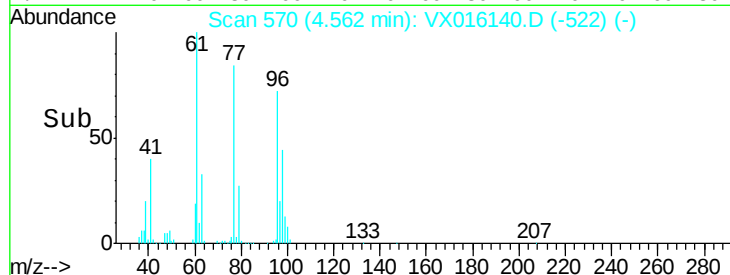
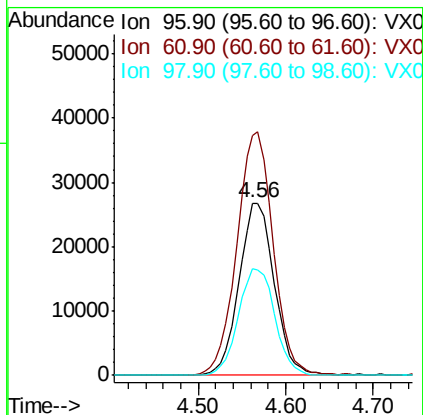
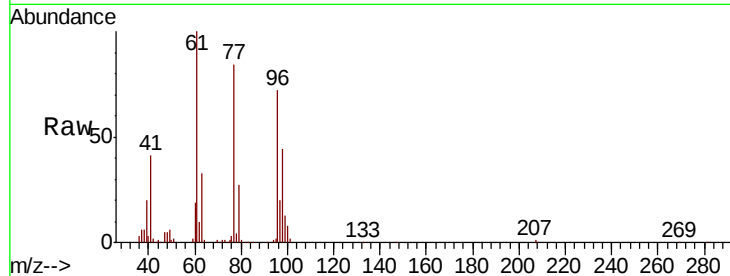


#27

cis-1,2-Dichloroethene
 Concen: 18.515 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

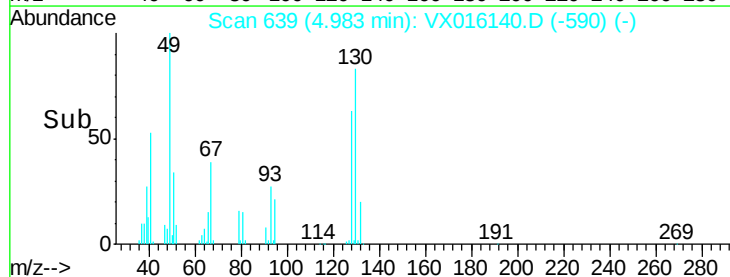
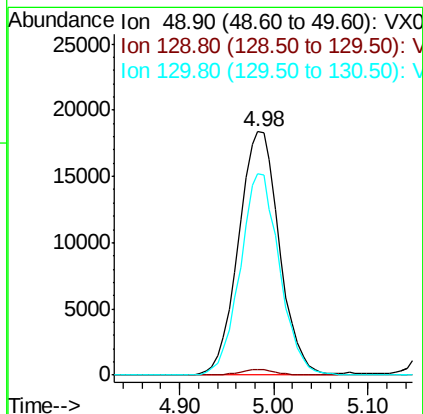
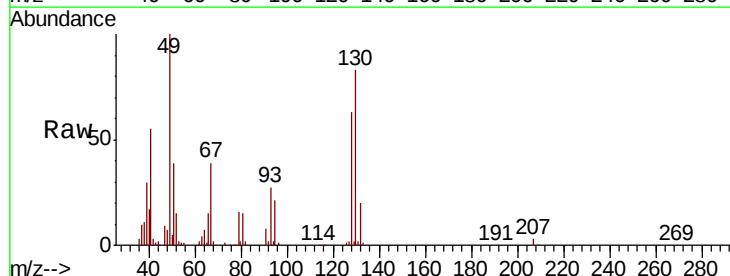
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	296.2
98	63.9	0.0	129.4

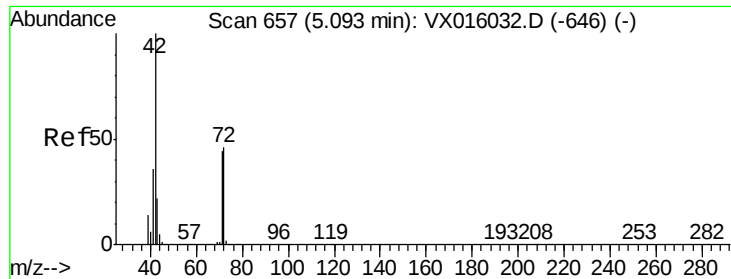


#28

Bromochloromethane
 Concen: 18.886 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	79.7	62.4	93.6





#29

Tetrahydrofuran

Concen: 89.781 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

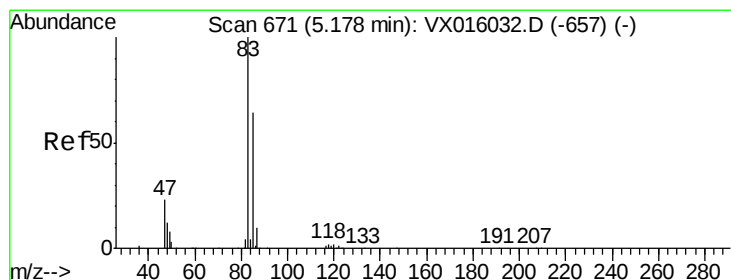
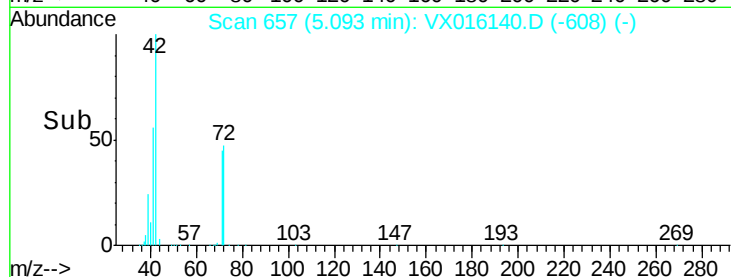
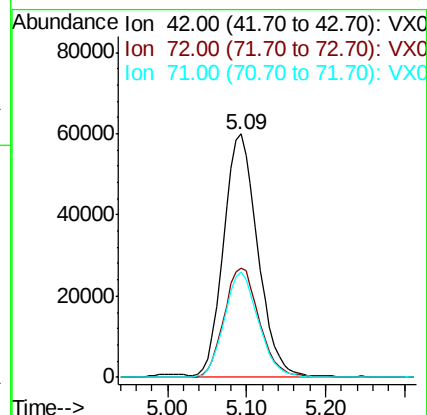
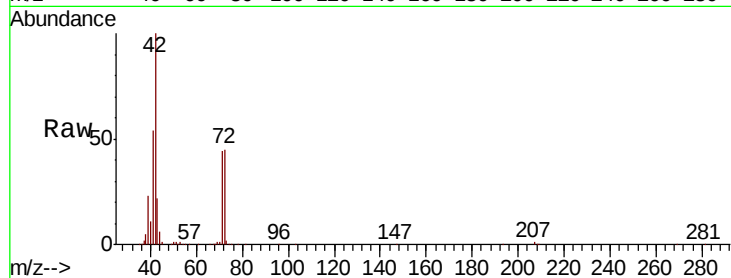
Tot Ion: 42 Resp: 180496

Ion Ratio Lower Upper

42 100

72 46.6 37.1 55.7

71 43.3 34.5 51.7



#30

Chloroform

Concen: 18.561 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016140.D

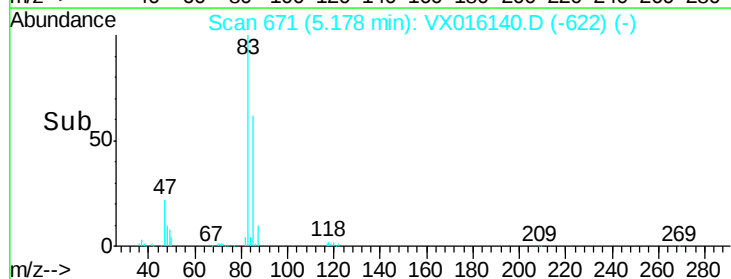
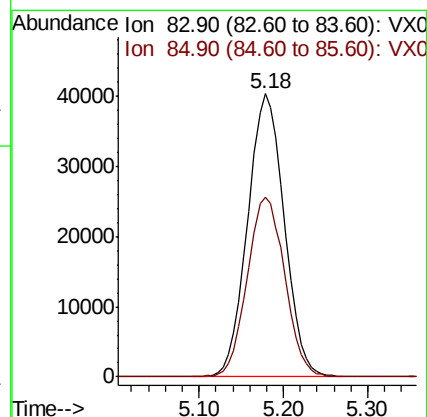
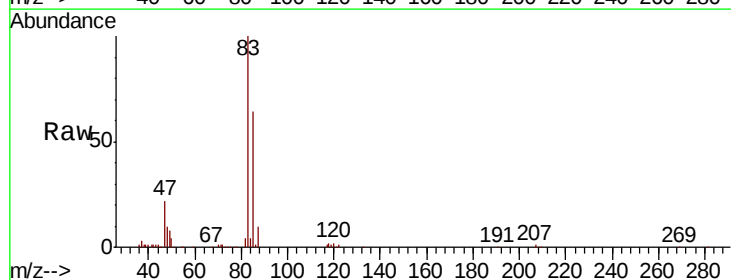
Acq: 11 May 2020 11:48

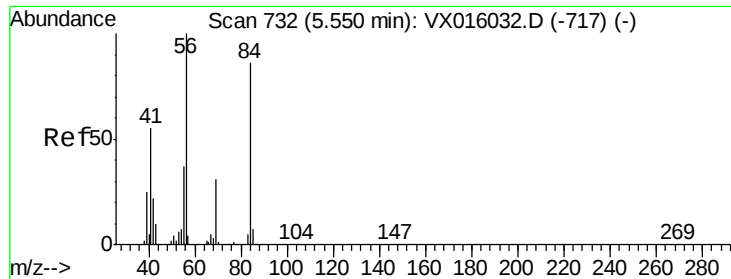
Tgt Ion: 83 Resp: 119209

Ion Ratio Lower Upper

83 100

85 63.6 51.6 77.4

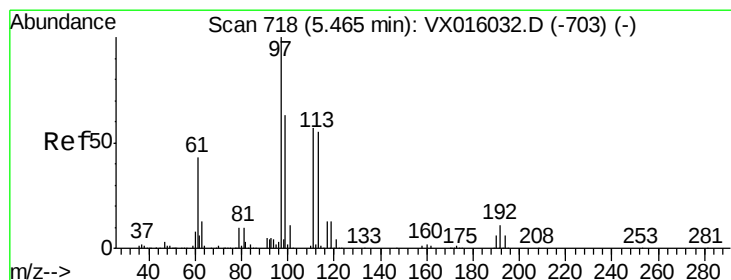
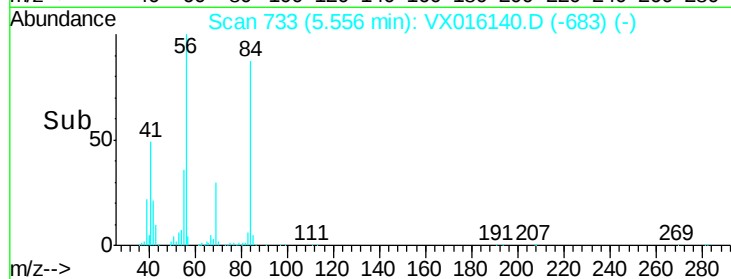
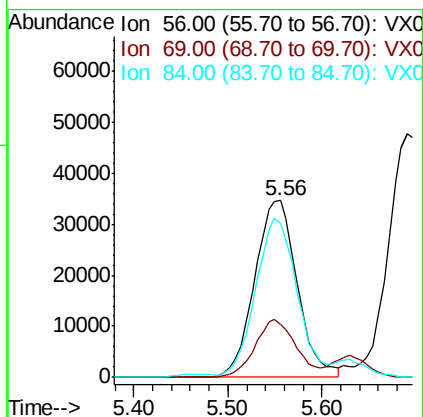
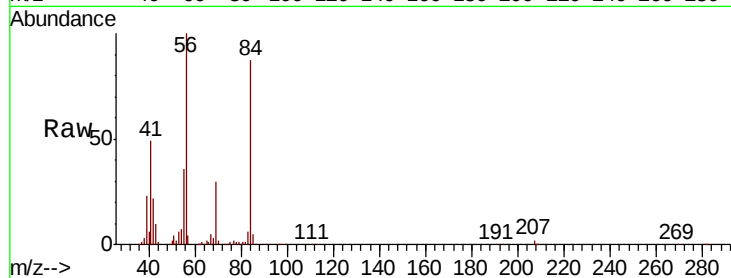




#31
Cyclohexane
Concen: 18.706 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

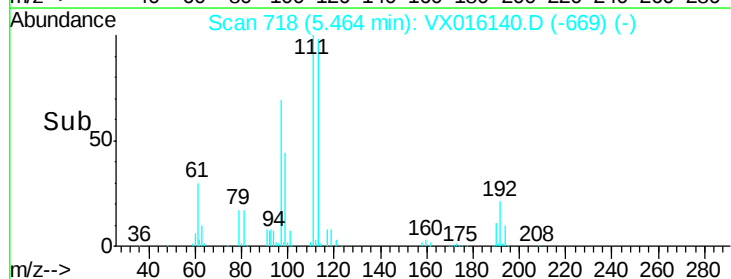
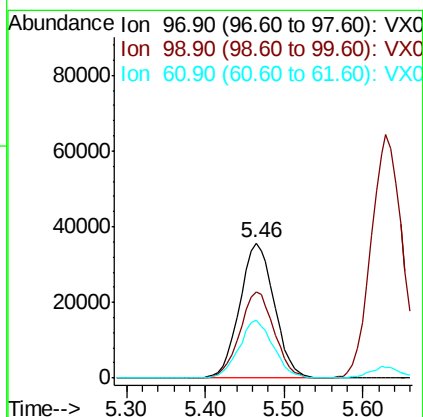
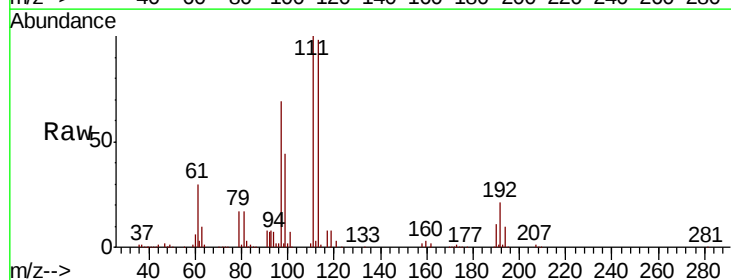
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

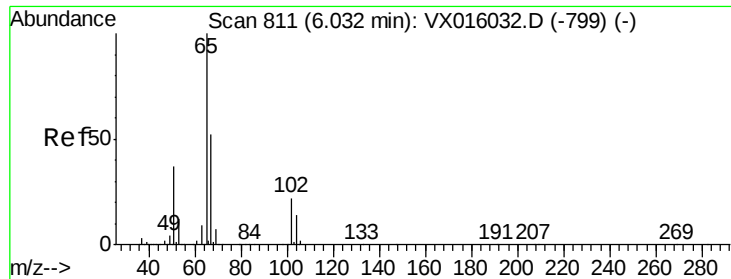
Tot Ion: 56 Resp: 109659
Ion Ratio Lower Upper
56 100
69 30.2 25.0 37.6
84 85.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.616 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 97 Resp: 108678
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.4
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.918 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

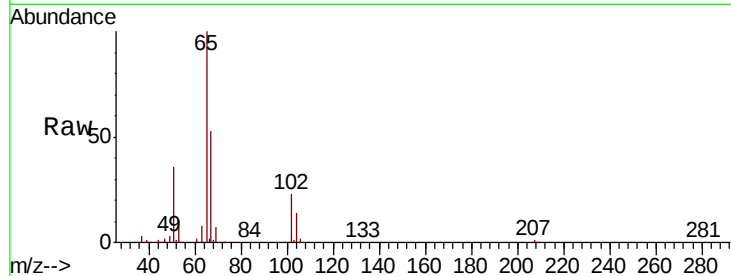
VX0511WBS01

Tot Ion: 65 Resp: 189551

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

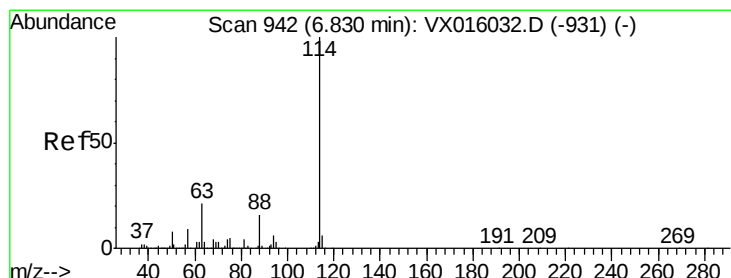
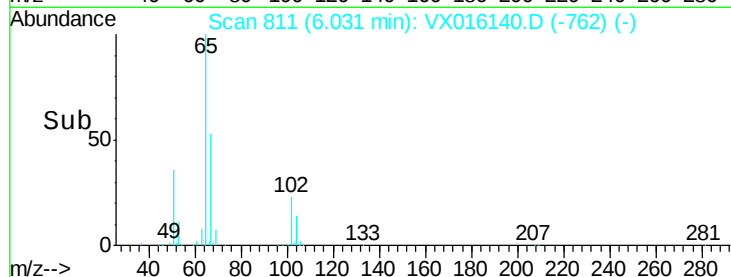
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

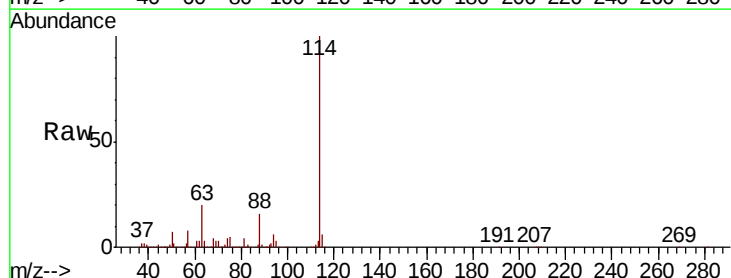
Tgt Ion: 114 Resp: 500583

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 16.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

250000

200000

150000

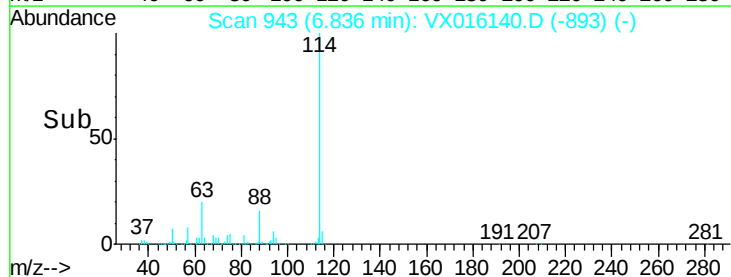
100000

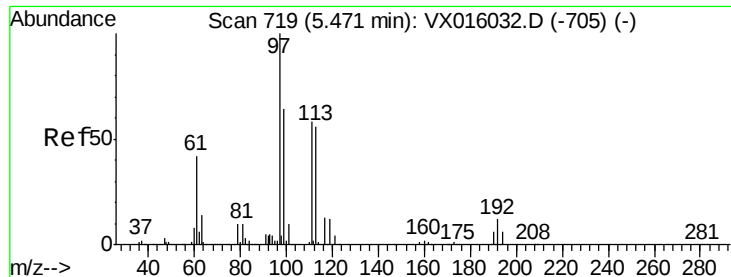
50000

0

Time-->

6.70 6.80 6.90

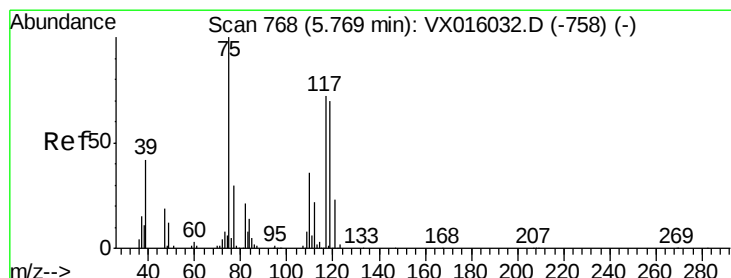
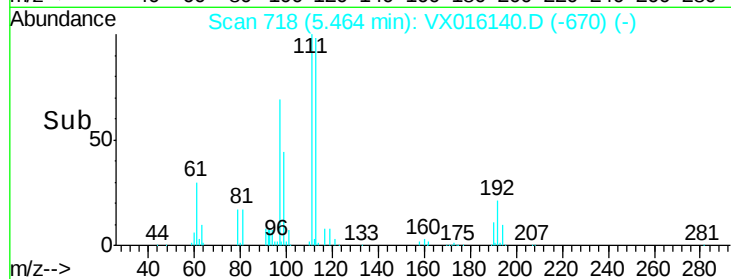
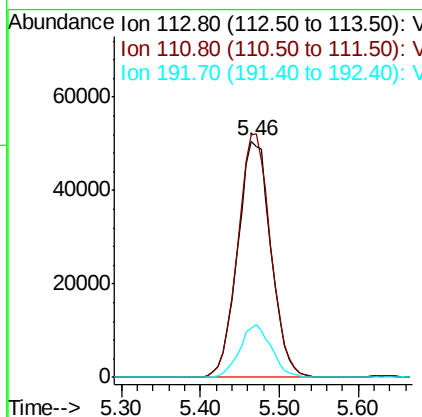
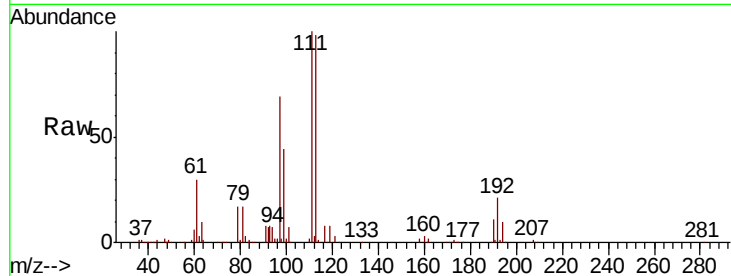




#35
Dibromofluoromethane
Concen: 46.778 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

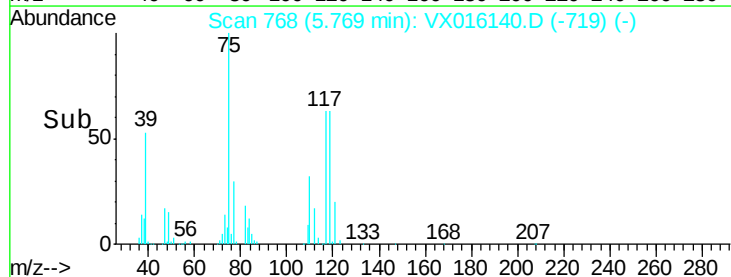
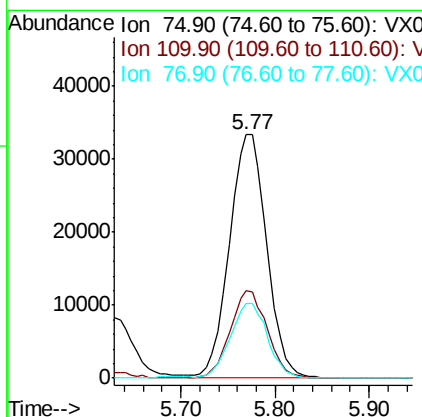
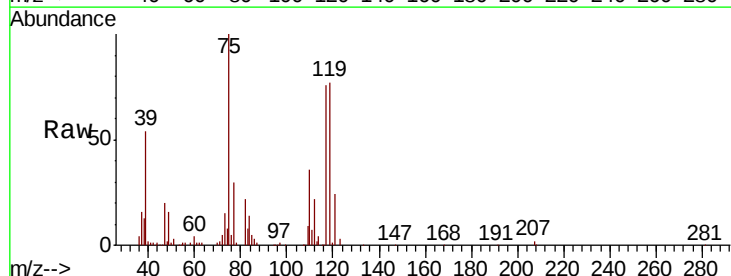
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

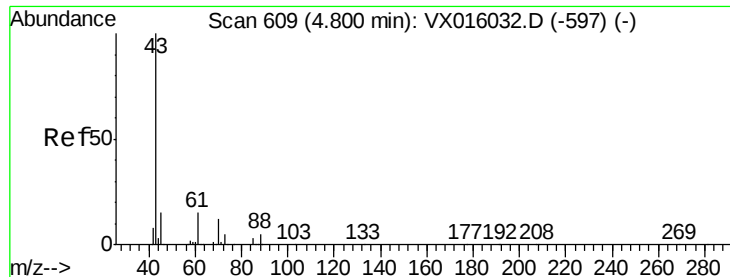
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	21.2	17.0	25.4



#36
1,1-Dichloropropene
Concen: 18.722 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.1
77	30.4	25.0	37.6

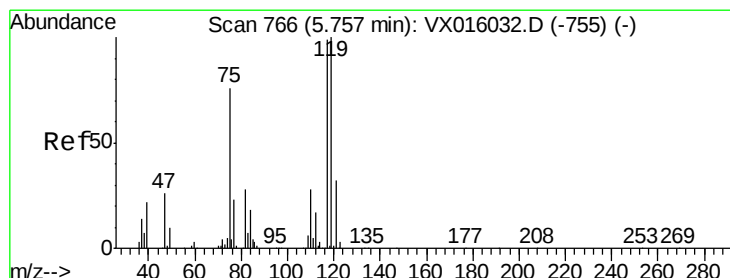
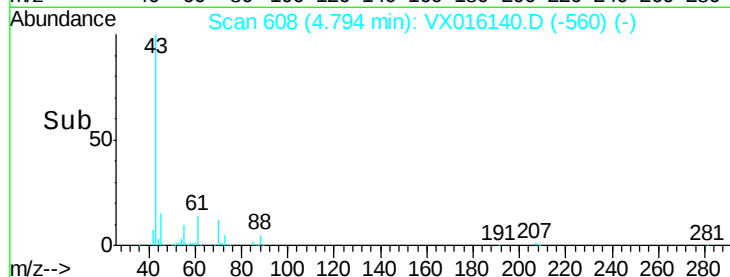
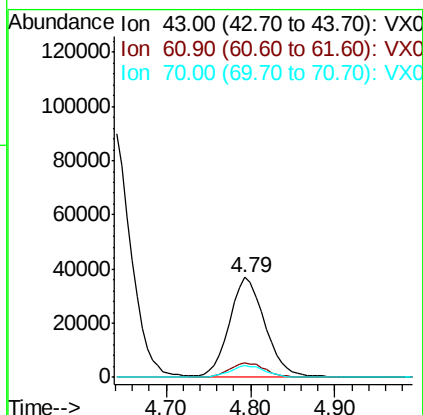
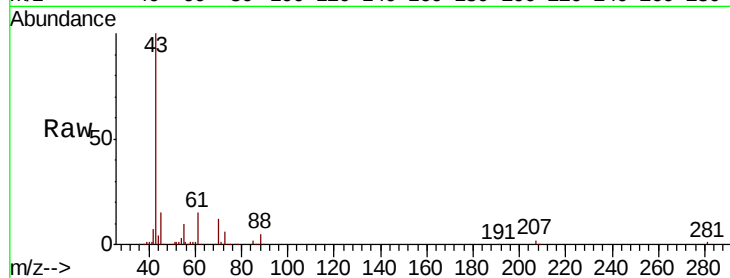




#37
Ethyl Acetate
Concen: 18.311 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

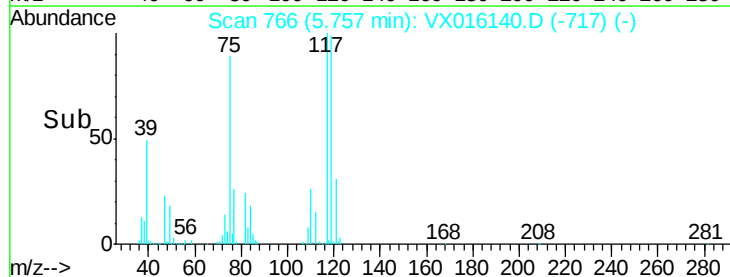
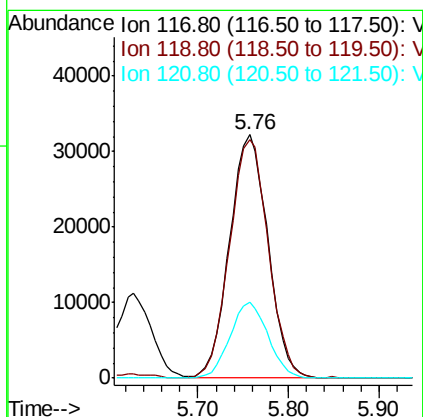
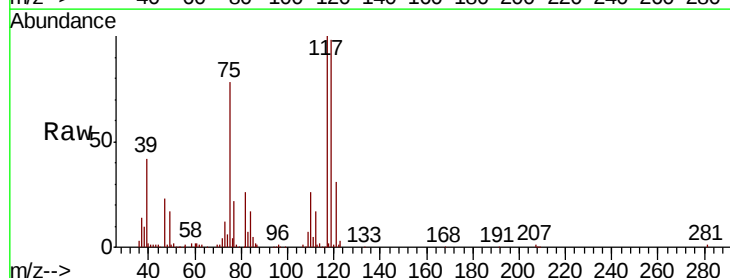
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

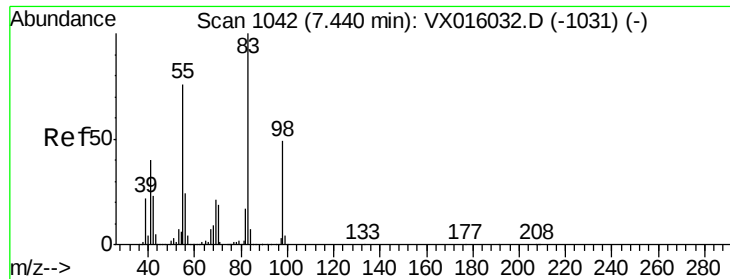
Tot Ion: 43 Resp: 104578
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.897 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 117 Resp: 94646
Ion Ratio Lower Upper
117 100
119 97.9 80.3 120.5
121 31.0 25.7 38.5

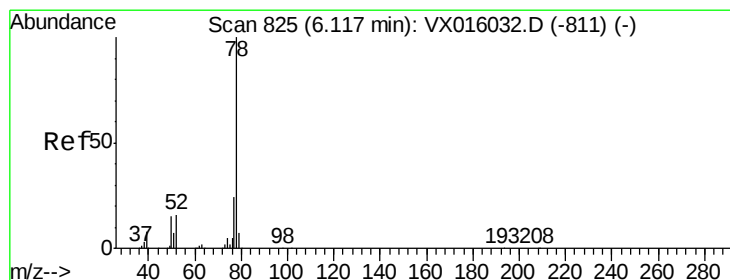
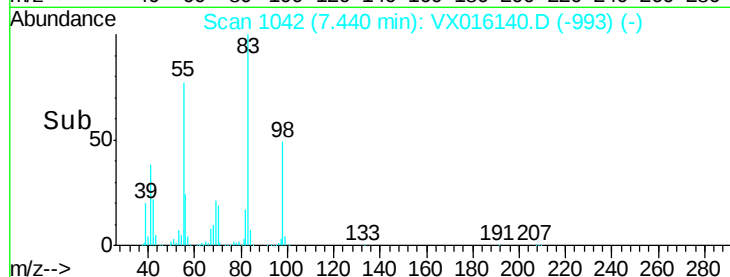
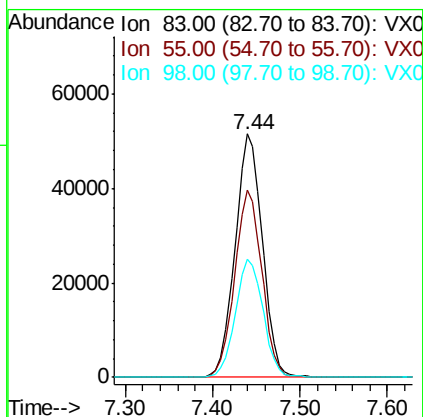
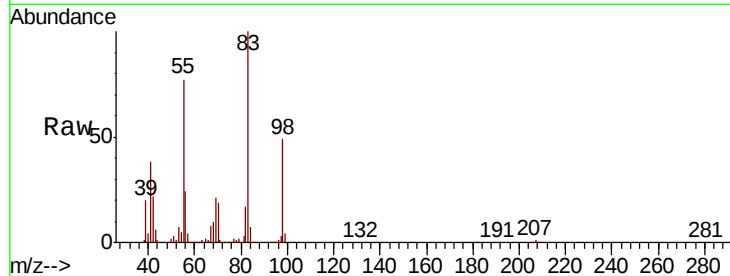




#39
Methvlcvclohexane
Concen: 18.871 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

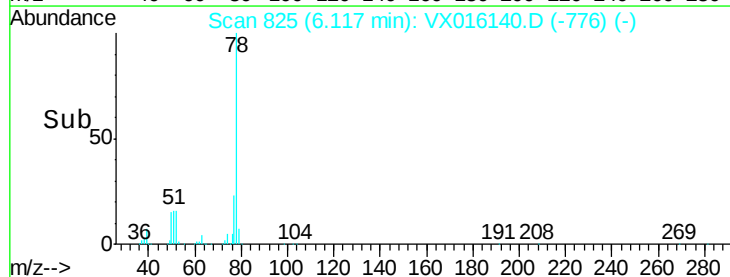
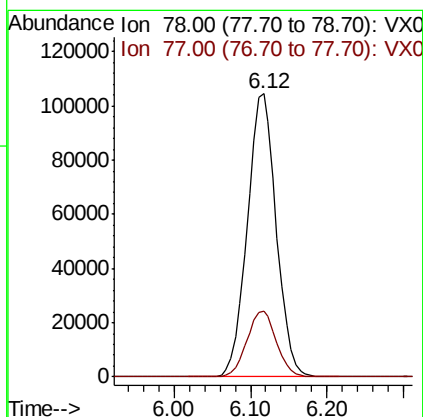
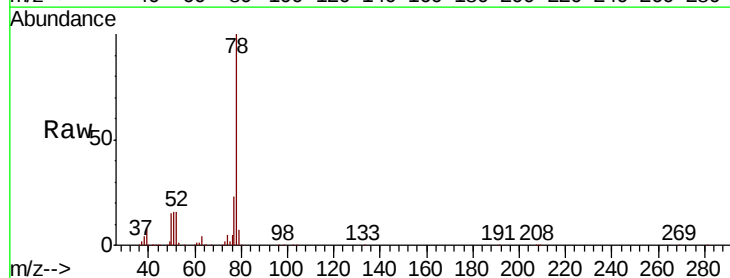
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

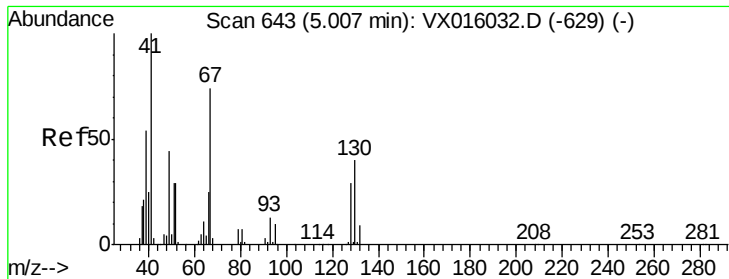
Tot Ion: 83 Resp: 111983
Ion Ratio Lower Upper
83 100
55 77.1 61.1 91.7
98 48.6 39.0 58.4



#40
Benzene
Concen: 18.997 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 78 Resp: 273895
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

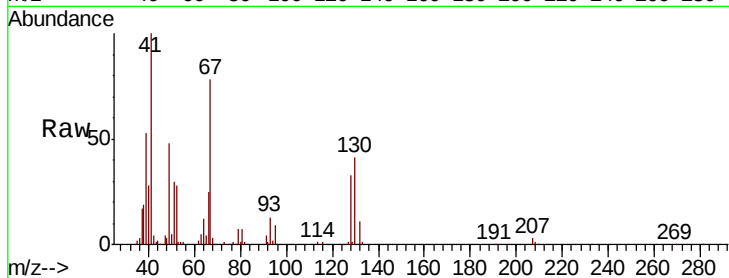




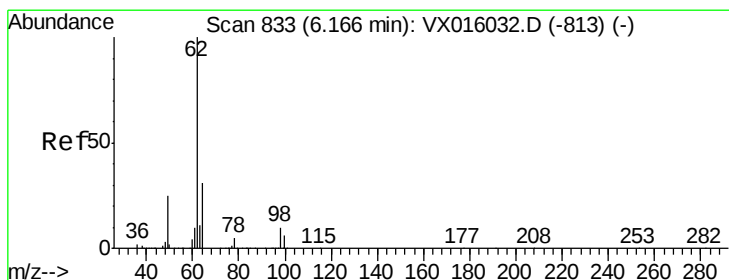
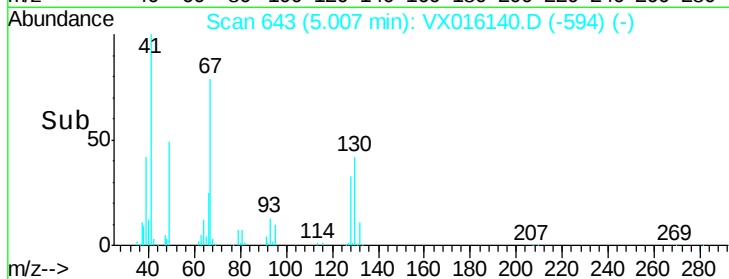
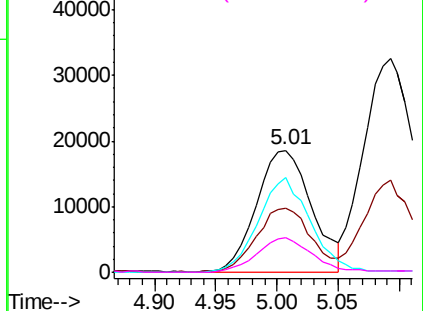
#41
Methacrylonitrile
Concen: 18.783 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion:	41	Resp:	57933
Ion	Ratio	Lower	Upper
41	100		
39	50.8	43.2	64.8
67	74.1	59.3	88.9
52	28.9	23.5	35.3

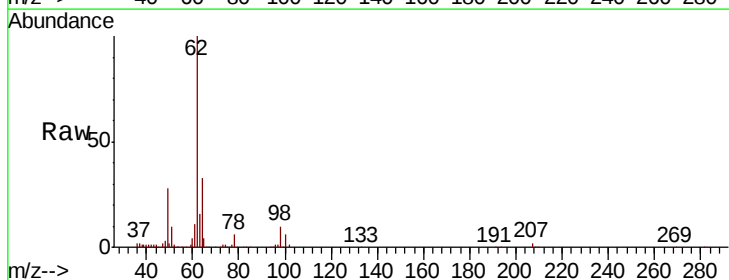


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

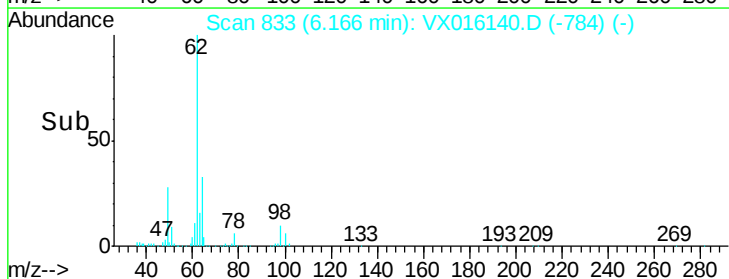
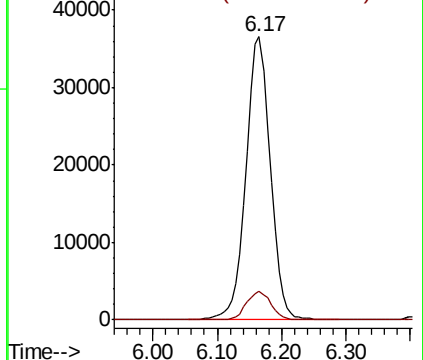


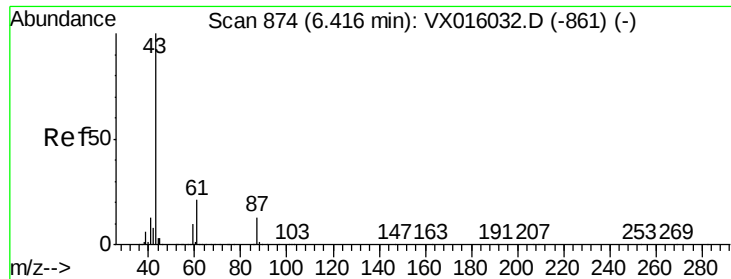
#42
1,2-Dichloroethane
Concen: 18.247 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion:	62	Resp:	94770
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



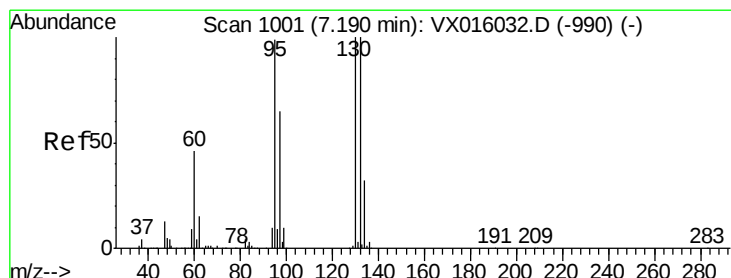
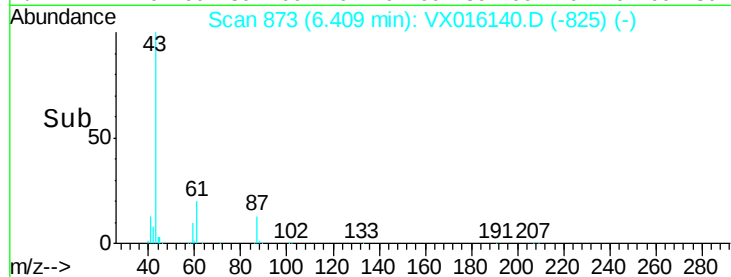
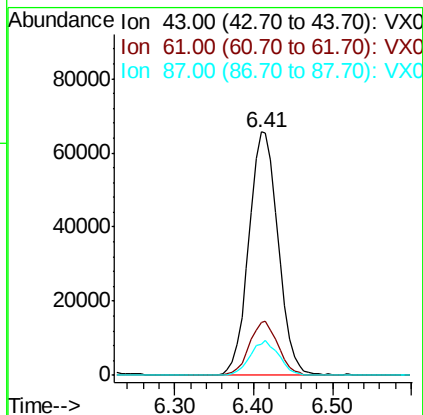
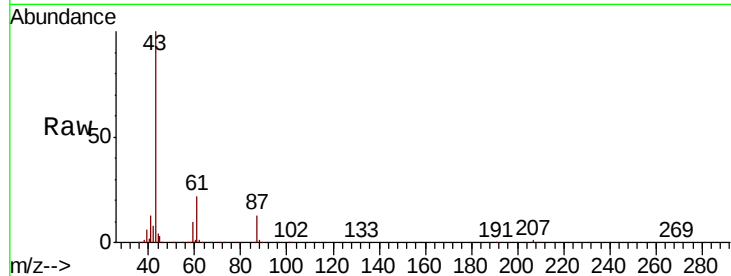


#43

Isopropyl Acetate
 Concen: 18.530 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

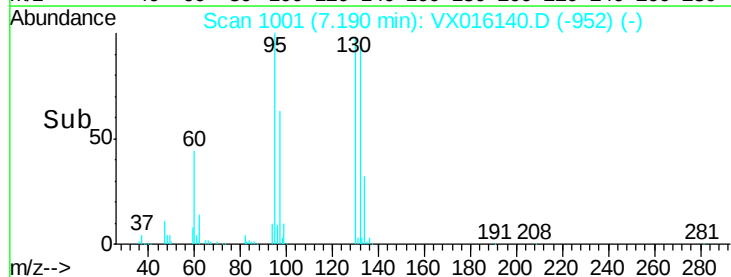
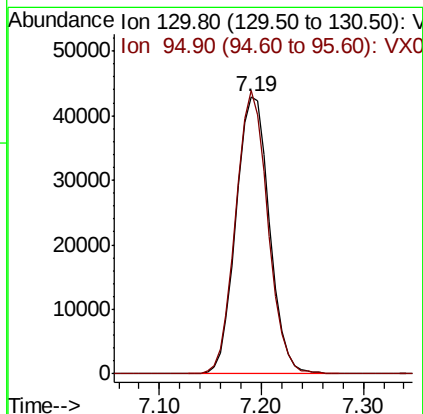
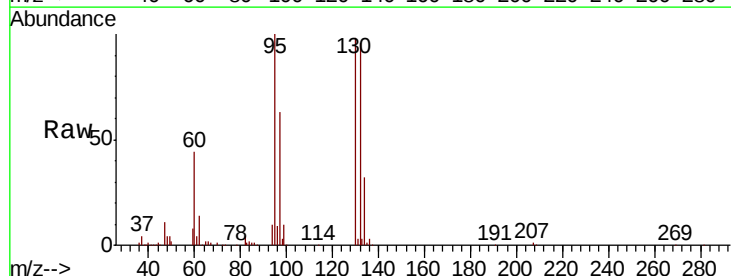
Tot Ion	43	Resp	168855
Ion Ratio	Lower	Upper	
43	100		
61	21.7	17.0	25.4
87	14.1	11.0	16.6

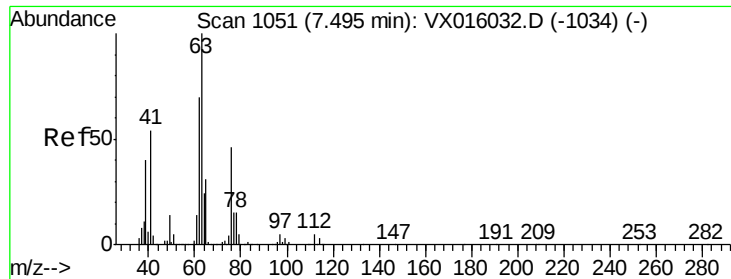


#44

Trichloroethene
 Concen: 19.042 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	130	Resp	97537
Ion Ratio	Lower	Upper	
130	100		
95	102.2	0.0	197.4

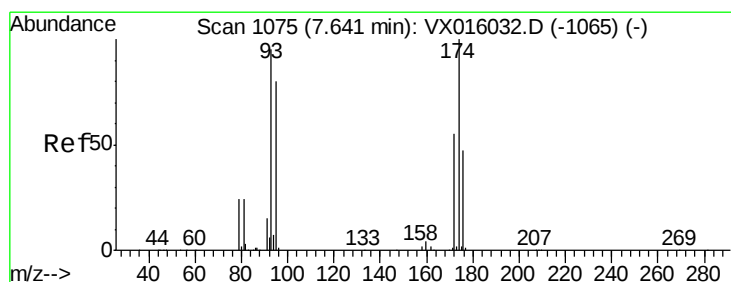
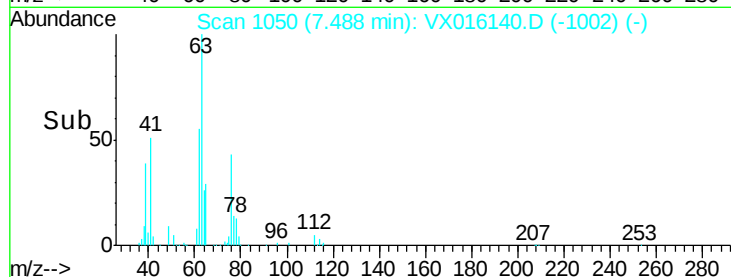
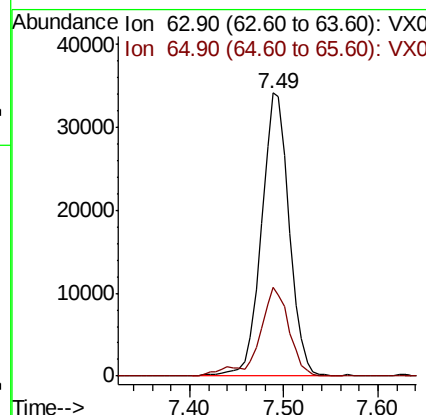
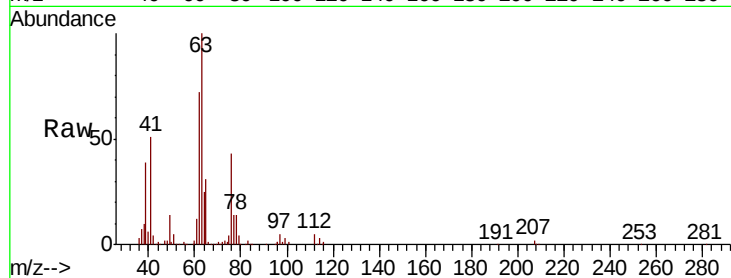




#45
 1,2-Dichloropropane
 Concen: 19.426 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

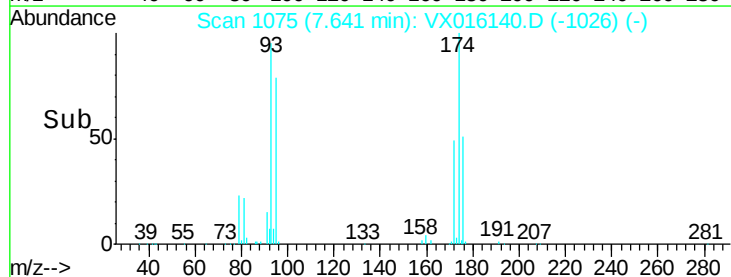
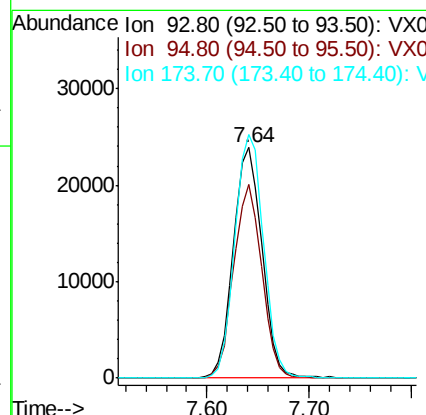
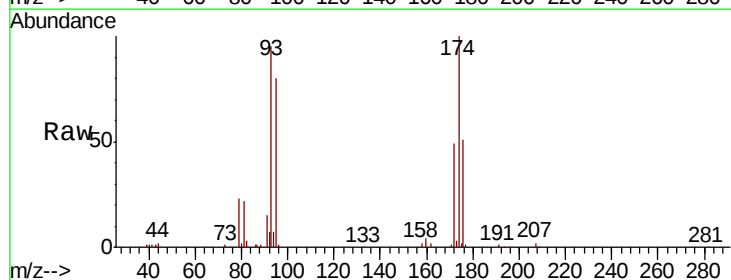
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

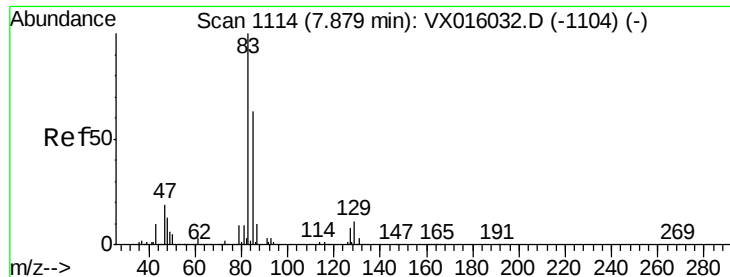
Tot Ion: 63 Resp: 70871
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.4 36.6



#46
 Dibromomethane
 Concen: 18.793 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion: 93 Resp: 46592
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.6 100.0
 174 105.6 84.2 126.4





#47

Bromodichloromethane

Concen: 19.085 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

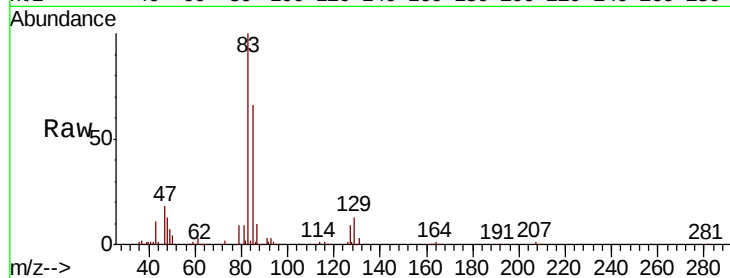
Tot Ion: 83 Resp: 96366

Ion Ratio Lower Upper

83 100

85 66.3 50.5 75.7

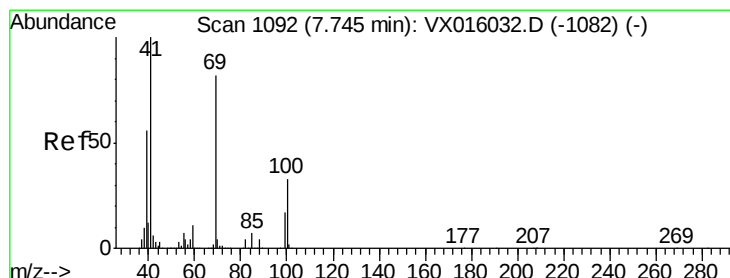
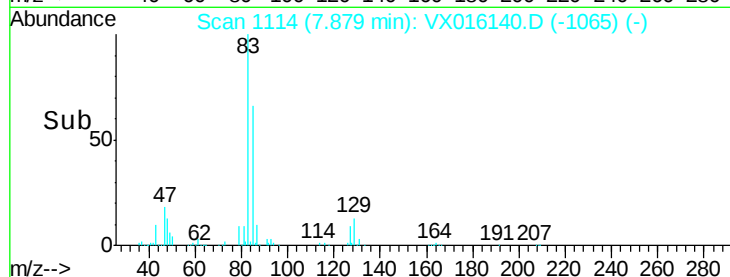
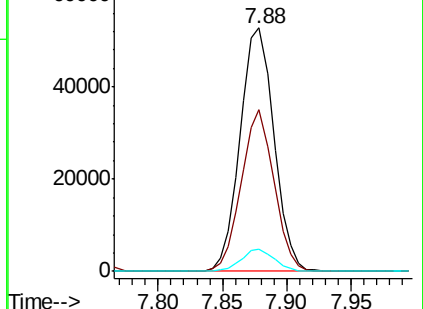
127 9.3 6.7 10.1



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: 18.035 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

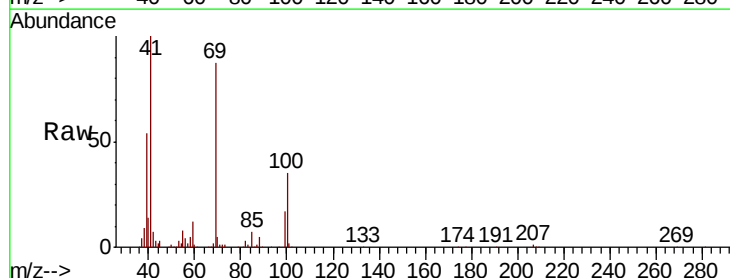
Tgt Ion: 41 Resp: 77871

Ion Ratio Lower Upper

41 100

69 87.4 67.8 101.6

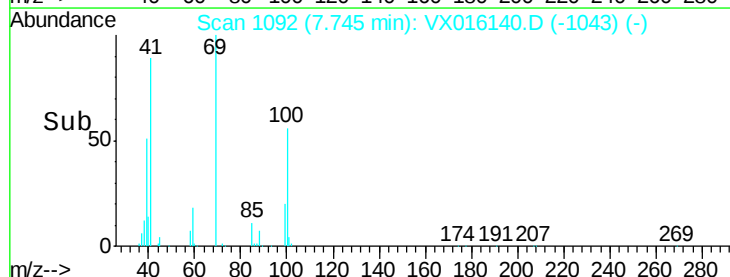
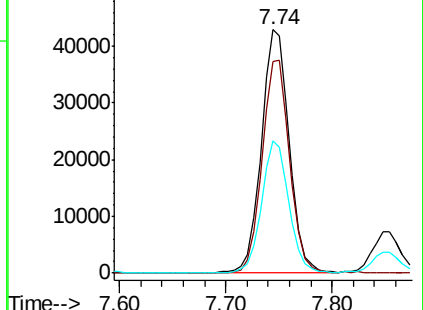
39 53.7 44.6 67.0

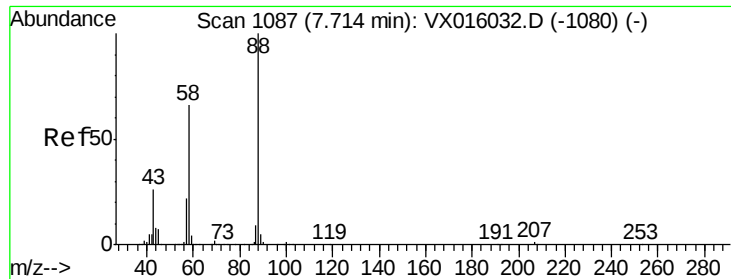


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

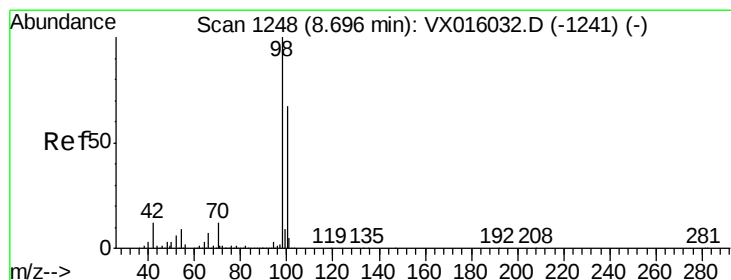
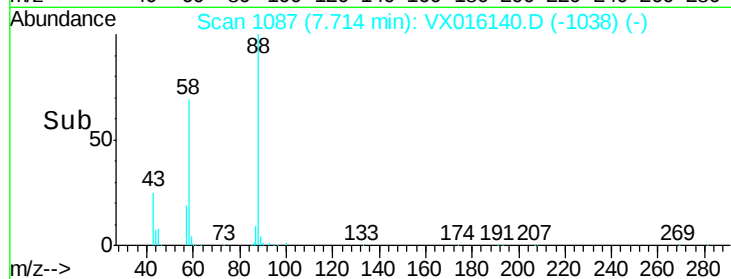
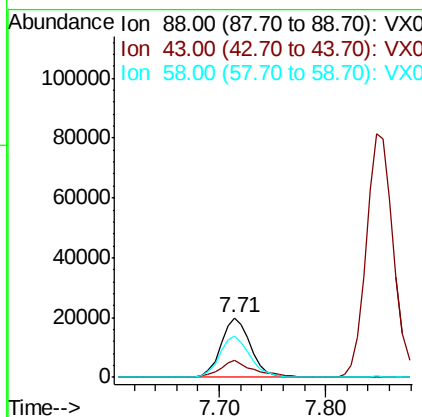
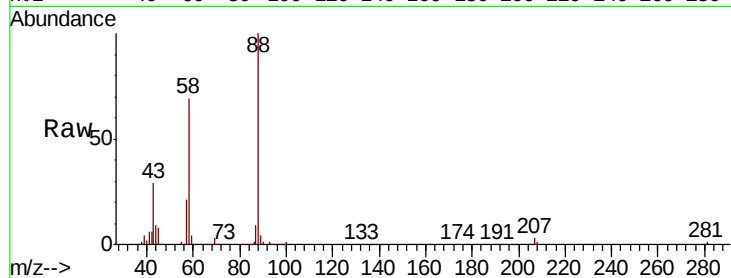




#49
 1,4-Dioxane
 Concen: 369.875 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

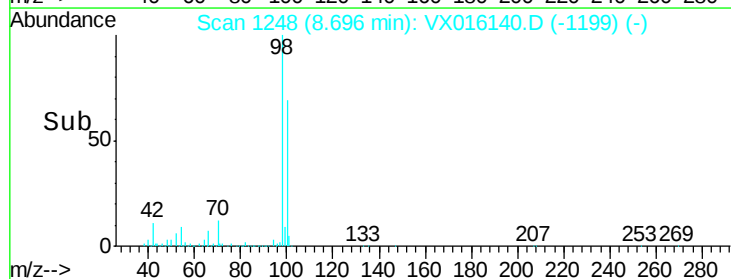
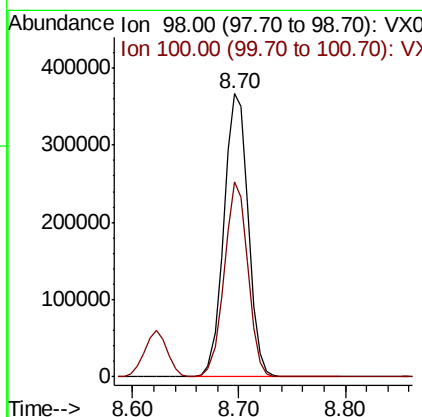
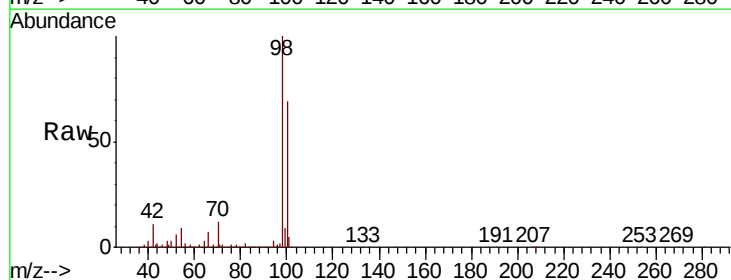
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

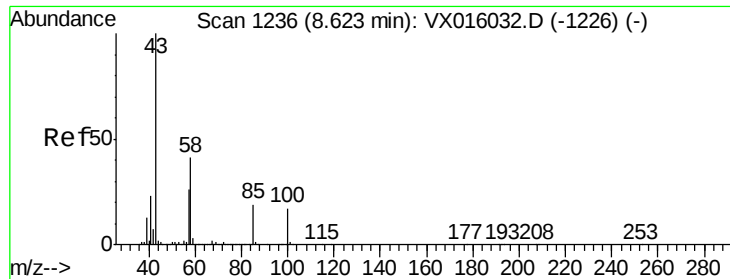
Tot Ion	88	Resp	38303
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	72.1	55.9	83.9



#50
 Toluene-d8
 Concen: 47.847 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	98	Resp	584674
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.7	80.5

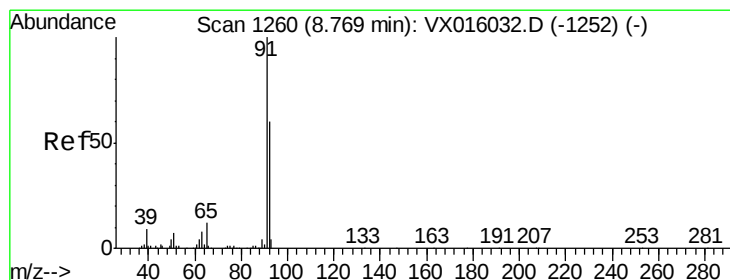
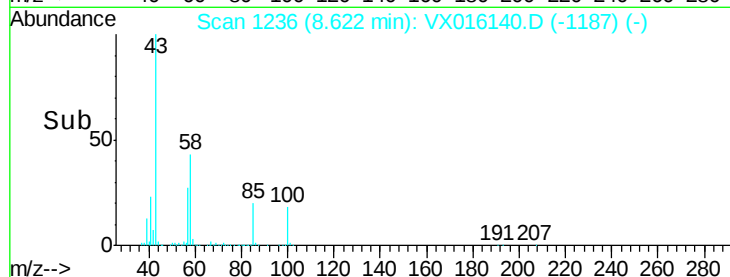
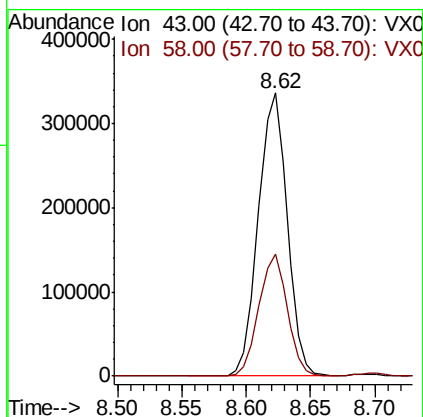
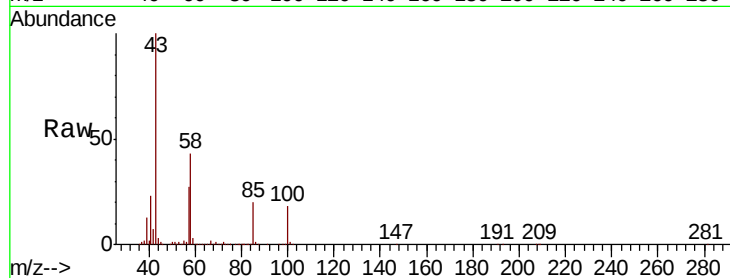




#51
 4-Methyl-2-Pentanone
 Concen: 93.501 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

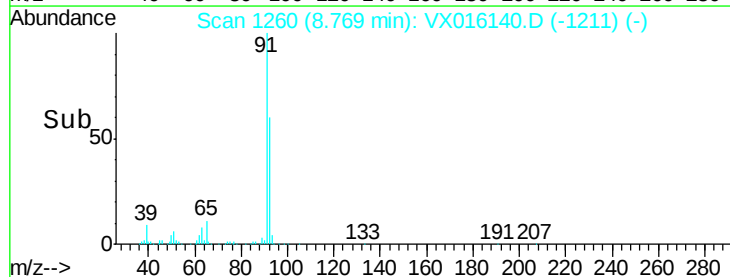
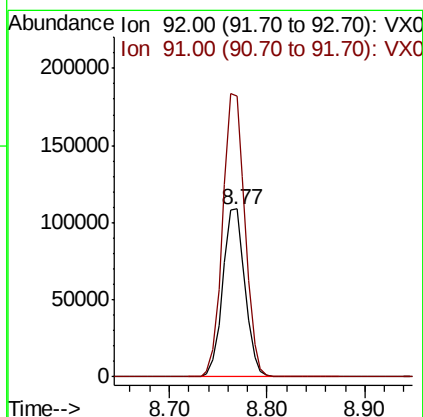
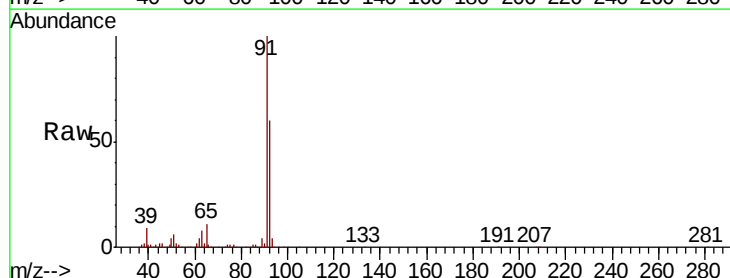
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

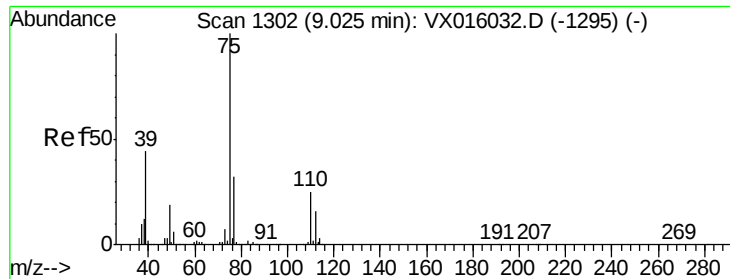
Tot Ion: 43 Resp: 521381
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.0 49.4



#52
 Toluene
 Concen: 19.136 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion: 92 Resp: 171974
 Ion Ratio Lower Upper
 92 100
 91 168.8 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 18.876 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

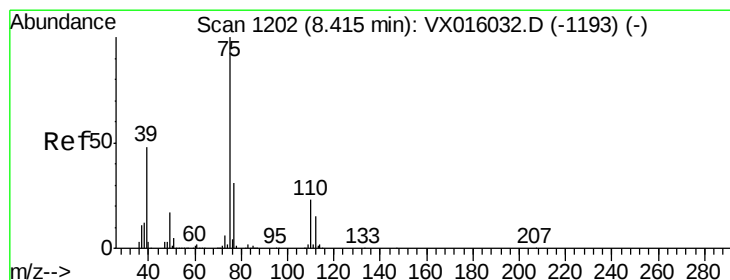
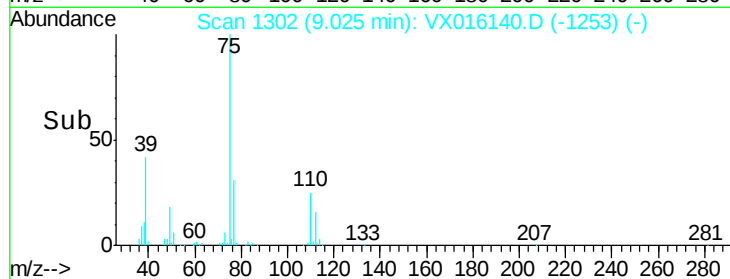
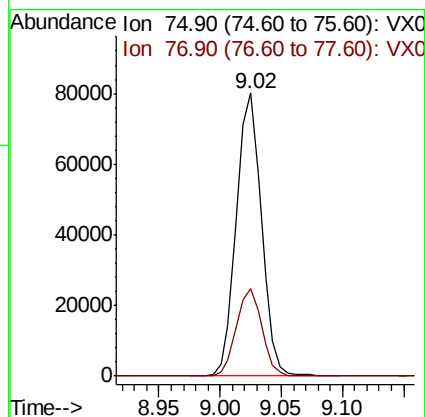
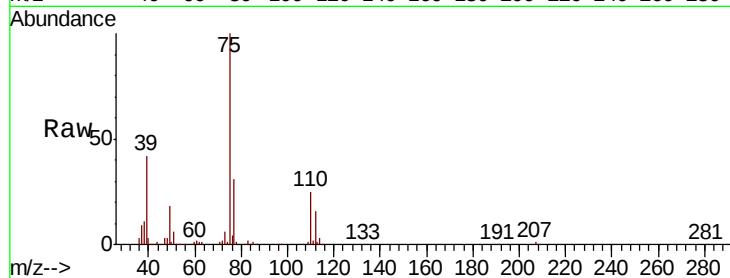
VX0511WBS01

Tot Ion: 75 Resp: 113637

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 18.885 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

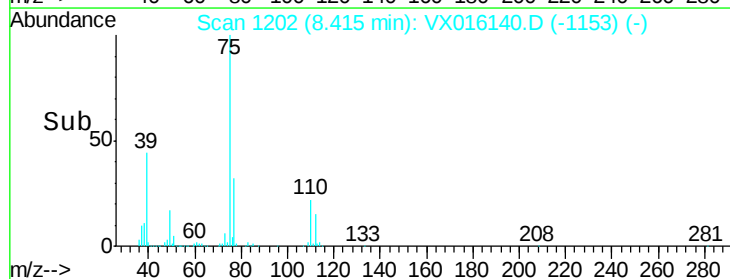
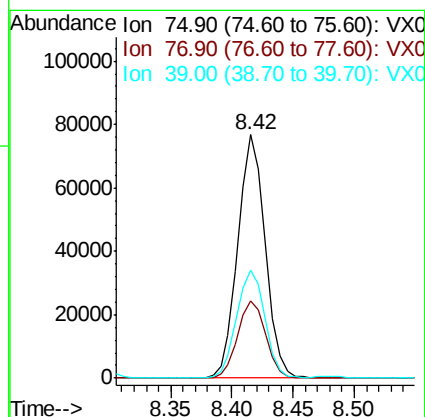
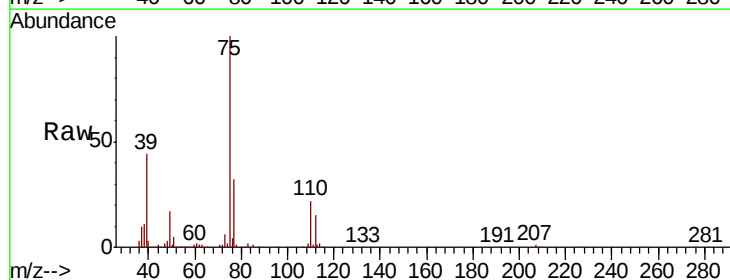
Tgt Ion: 75 Resp: 118750

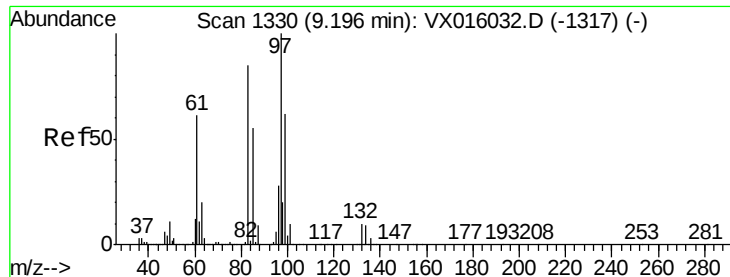
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 44.3 38.7 58.1

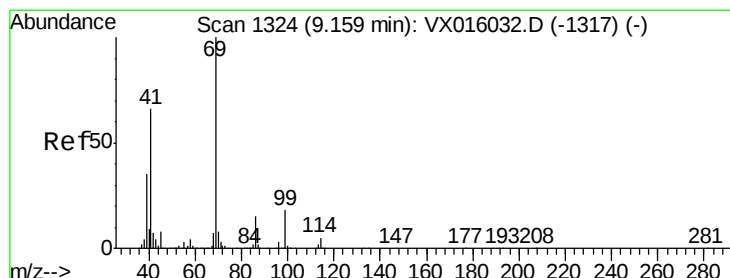
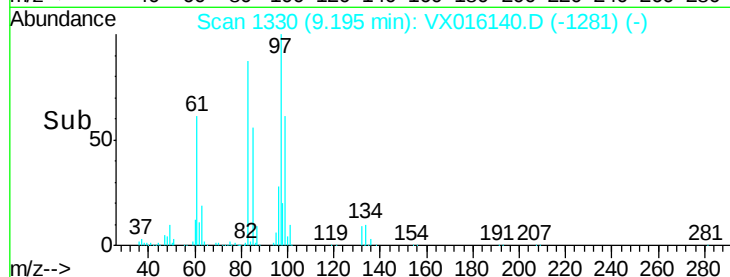
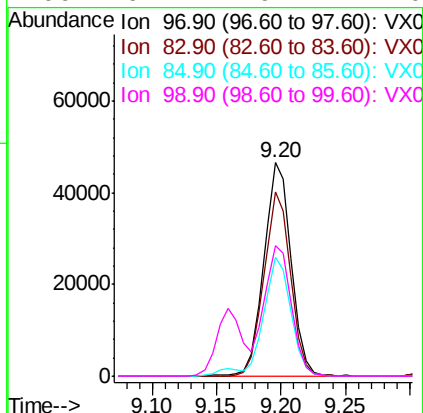
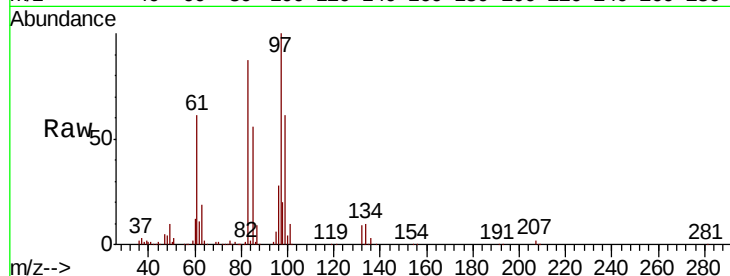




#55
 1,1,2-Trichloroethane
 Concen: 19.265 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

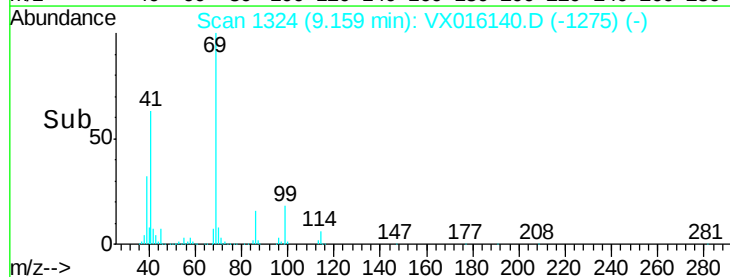
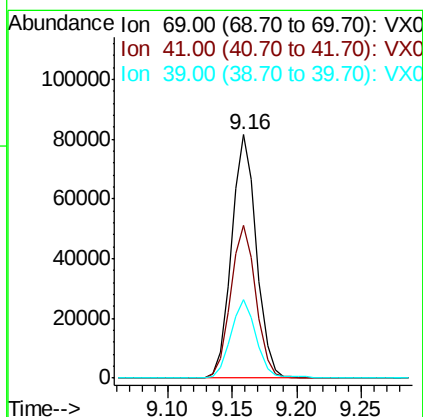
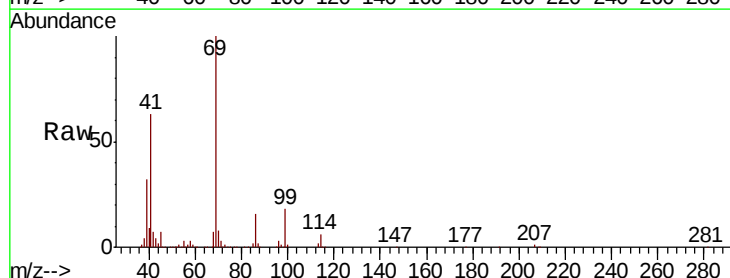
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

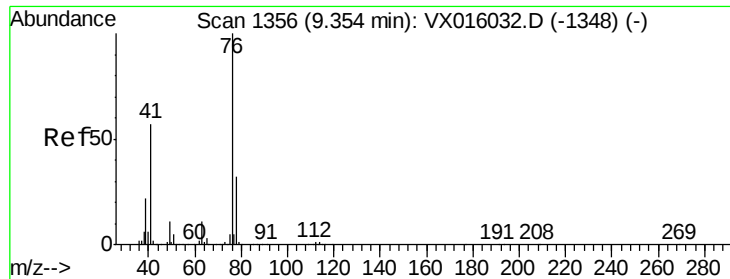
Tot Ion:	97	Resp:	68116
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.8	101.8
85	55.6	43.8	65.8
99	61.2	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.043 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion:	69	Resp:	109903
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.2	78.4
39	33.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.276 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

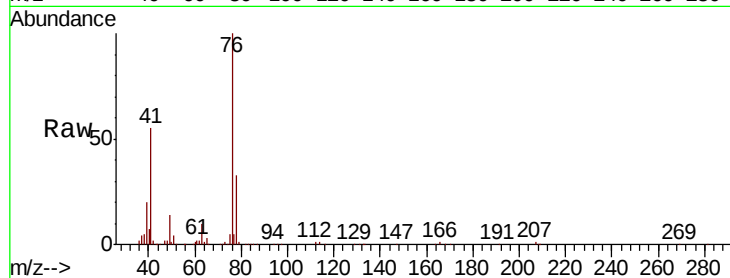
VX0511WBS01

Tot Ion: 76 Resp: 118921

Ion Ratio Lower Upper

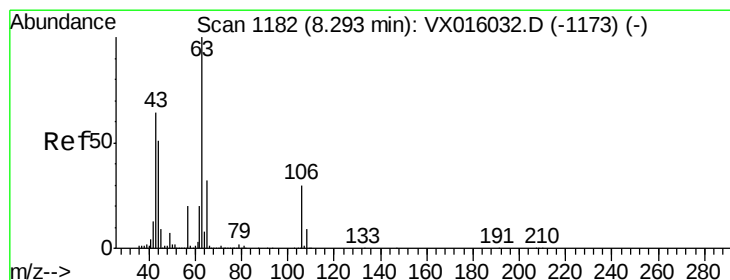
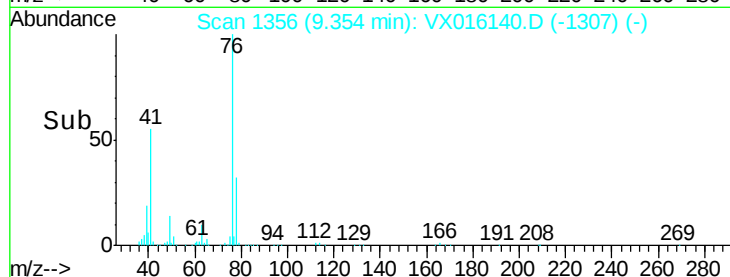
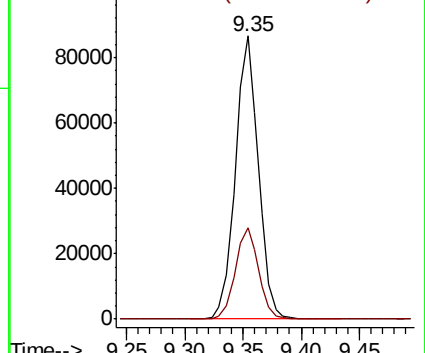
76 100

78 32.9 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: 90.410 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016140.D

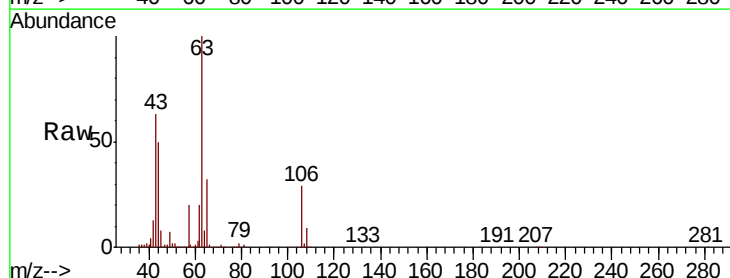
Acq: 11 May 2020 11:48

Tgt Ion: 63 Resp: 277791

Ion Ratio Lower Upper

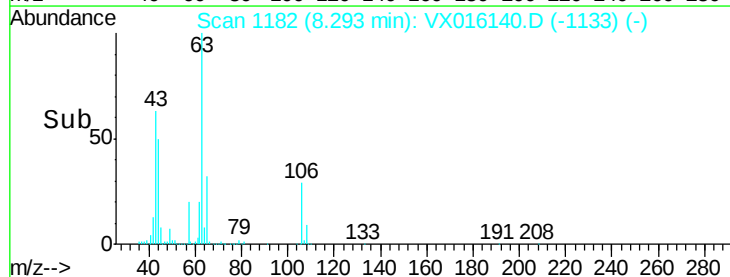
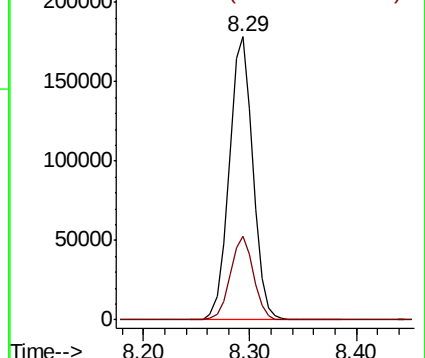
63 100

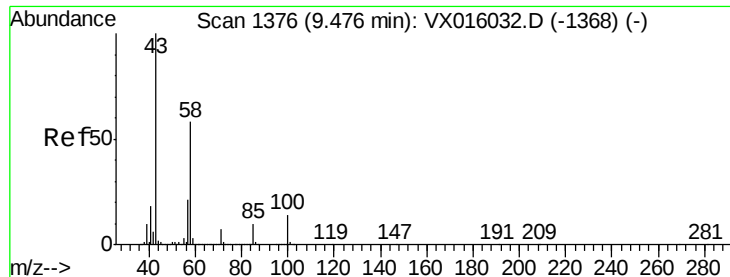
106 29.0 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

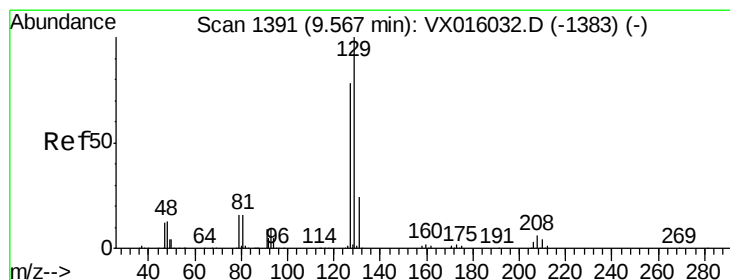
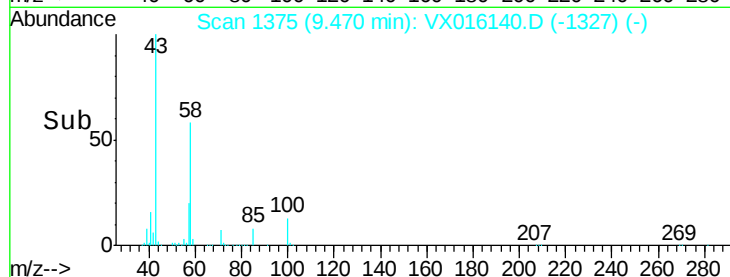
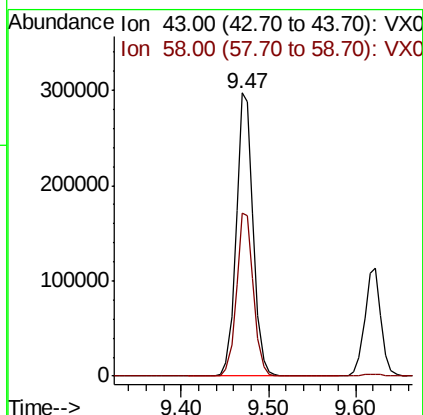
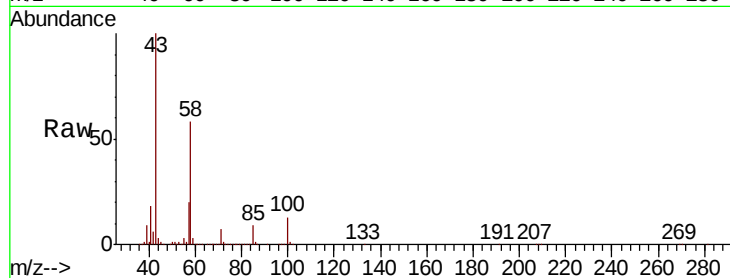




#59
2-Hexanone
Concen: 92.221 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

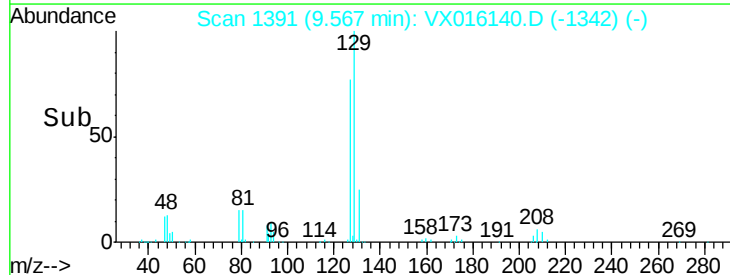
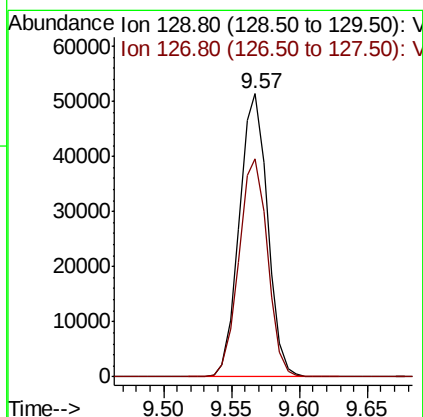
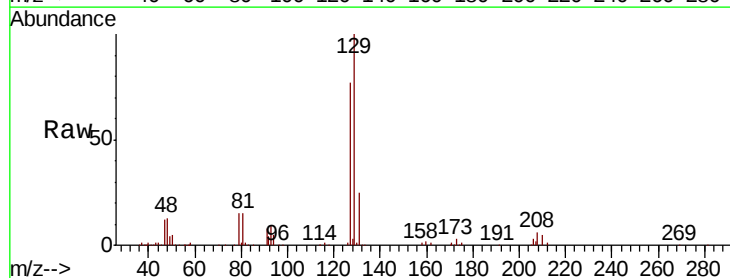
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

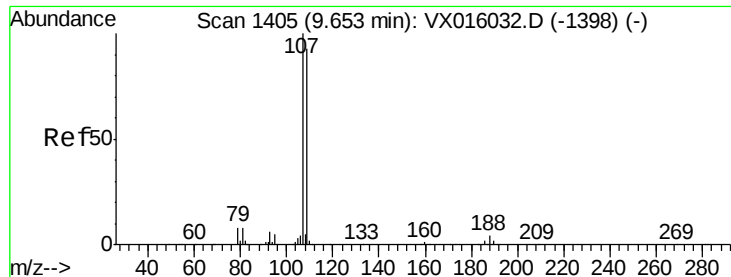
Tot Ion: 43 Resp: 403849
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.9



#60
Dibromochloromethane
Concen: 19.154 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 129 Resp: 74589
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.814 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

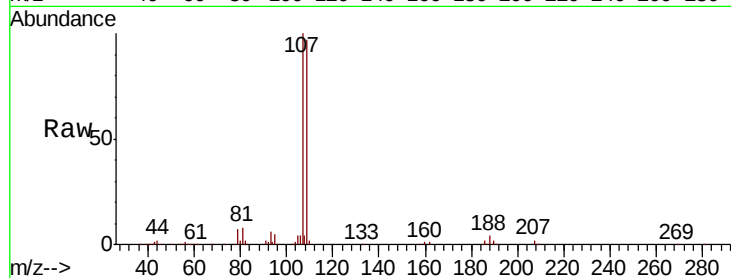
VX0511WBS01

Tot Ion:107 Resp: 72056

Ion Ratio Lower Upper

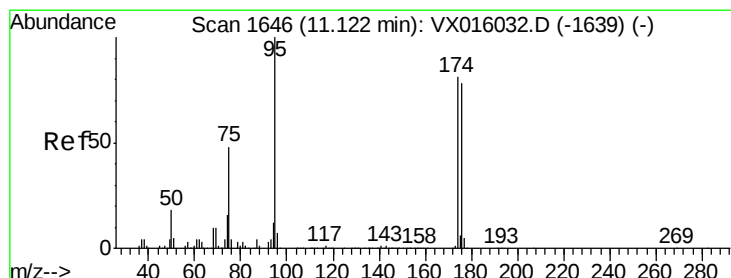
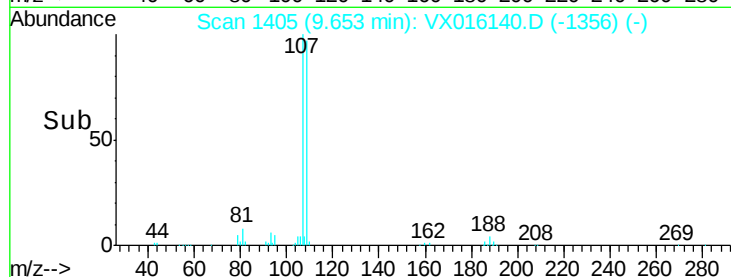
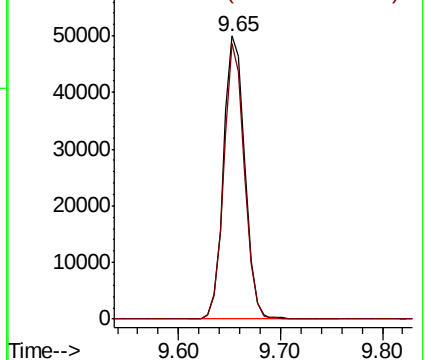
107 100

109 94.1 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: 47.647 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

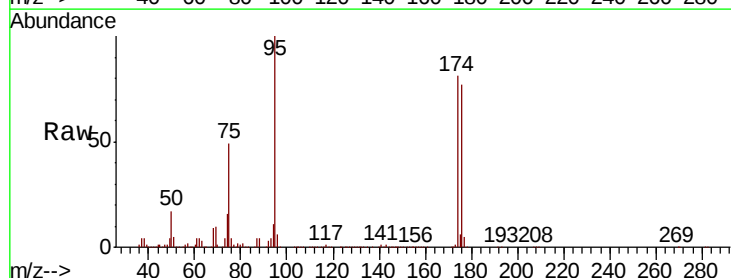
Tgt Ion: 95 Resp: 221454

Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.4

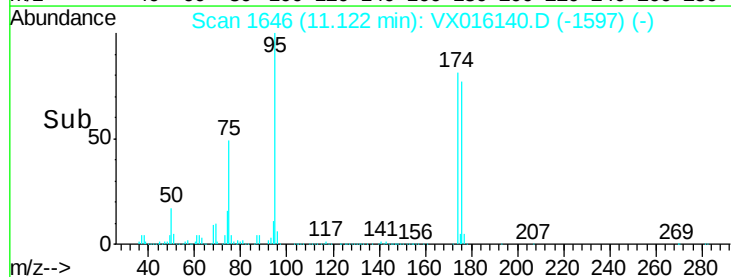
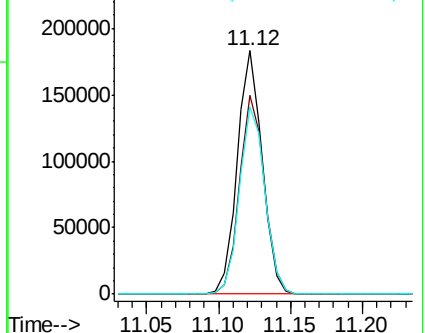
176 78.3 0.0 157.6

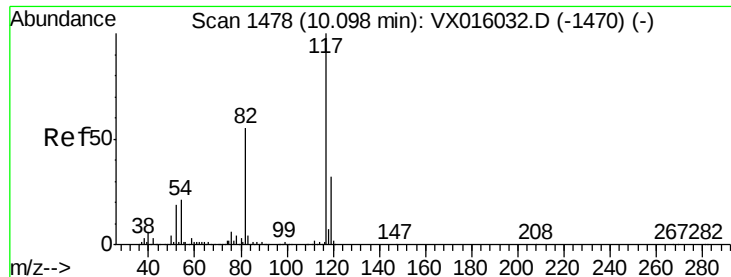


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

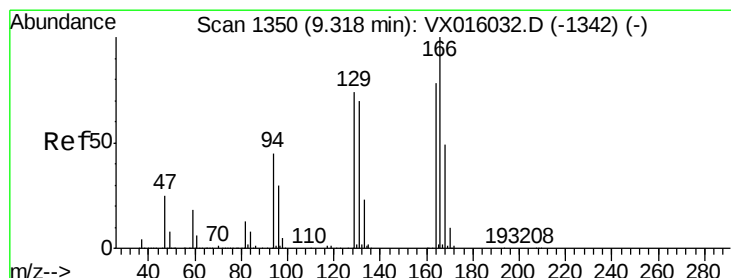
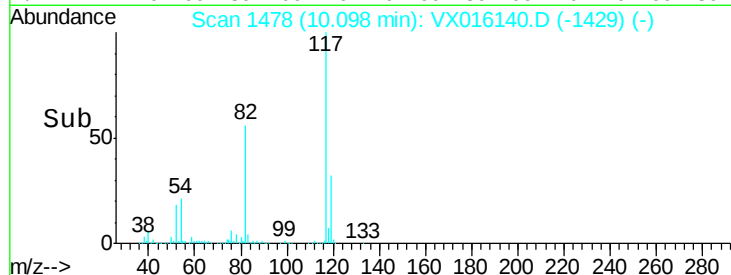
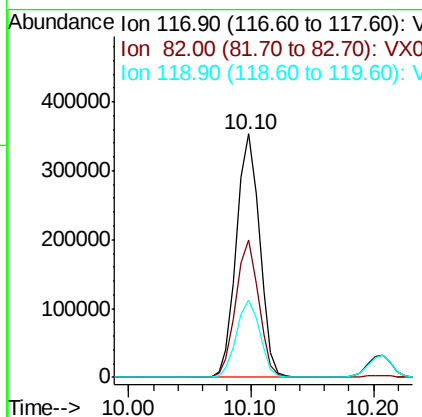
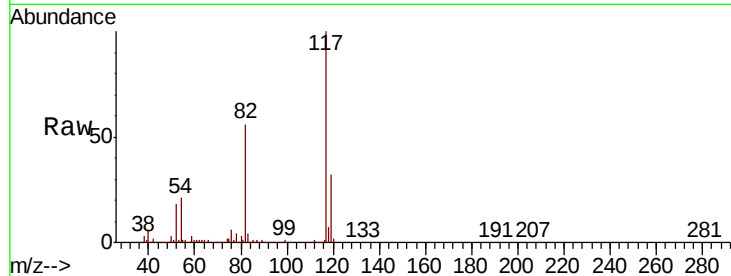




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

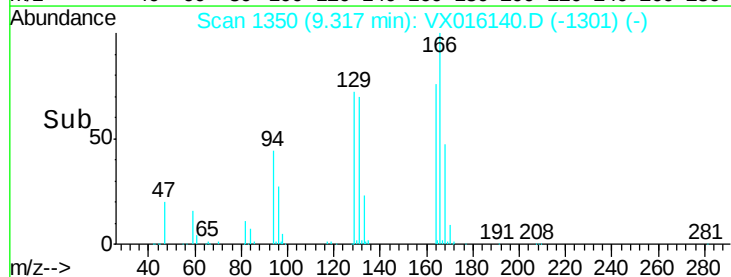
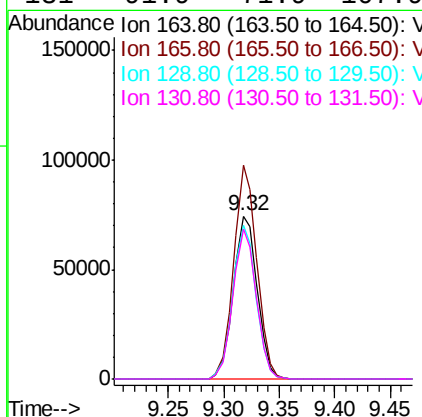
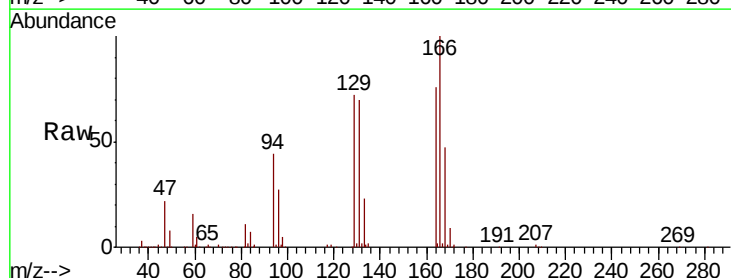
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

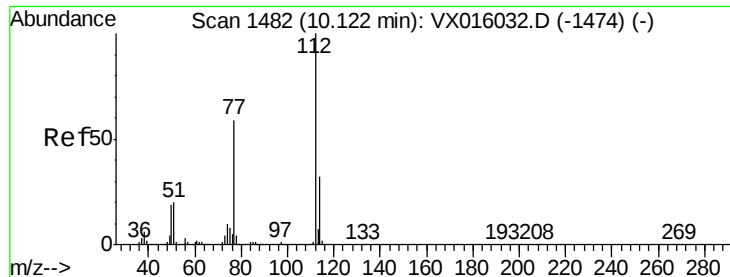
Tot Ion:117 Resp: 464653
Ion Ratio Lower Upper
117 100
82 56.3 44.4 66.6
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 19.411 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion:164 Resp: 110724
Ion Ratio Lower Upper
164 100
166 131.0 102.9 154.3
129 94.0 76.1 114.1
131 91.9 71.9 107.9

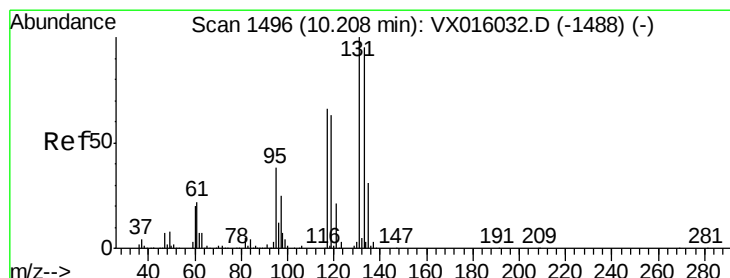
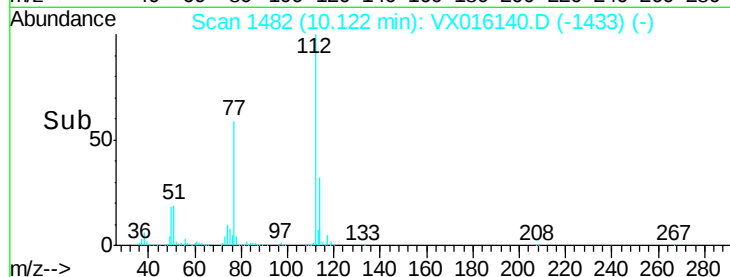
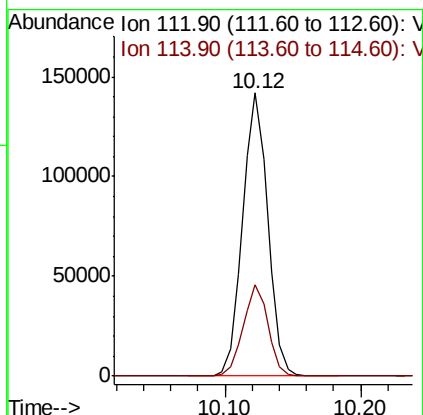
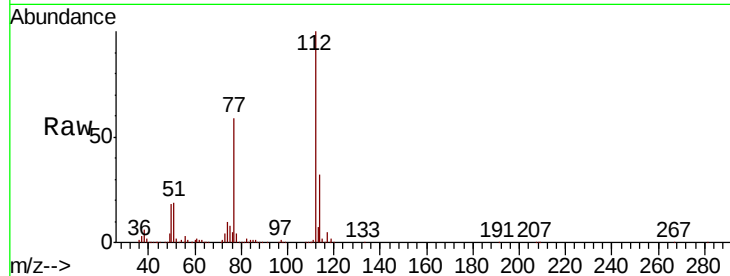




#65
Chlorobenzene
Concen: 18.867 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

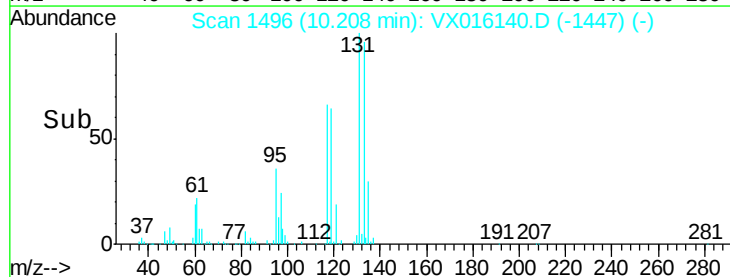
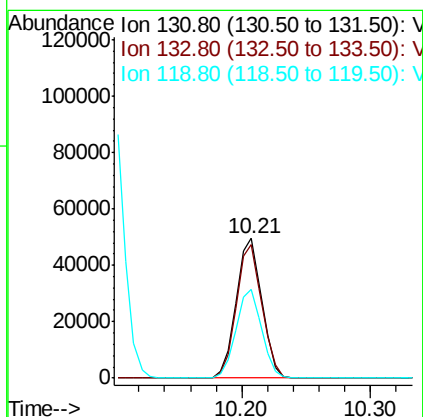
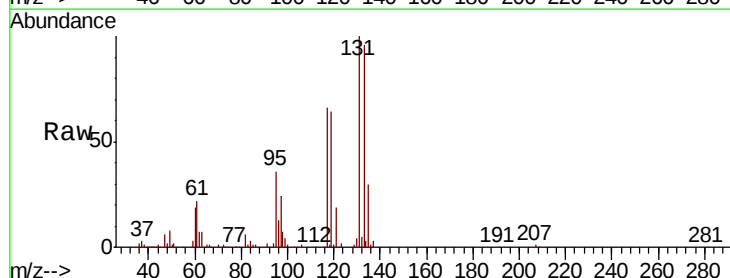
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

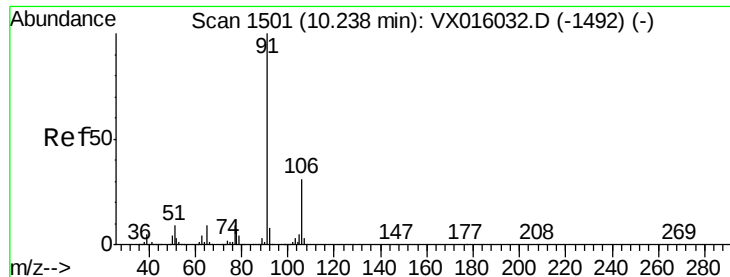
Tot Ion:112 Resp: 183566
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.086 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion:131 Resp: 68633
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.8
119 63.7 32.3 96.9

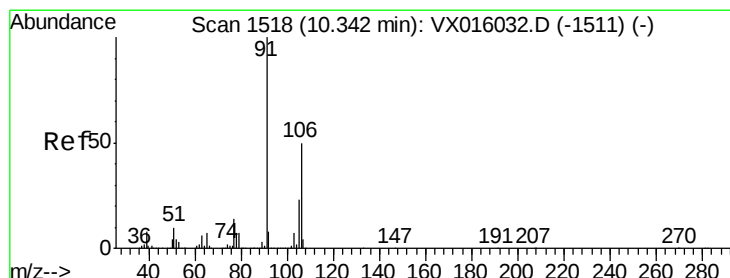
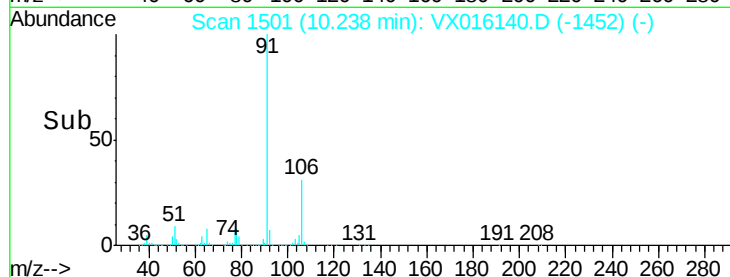
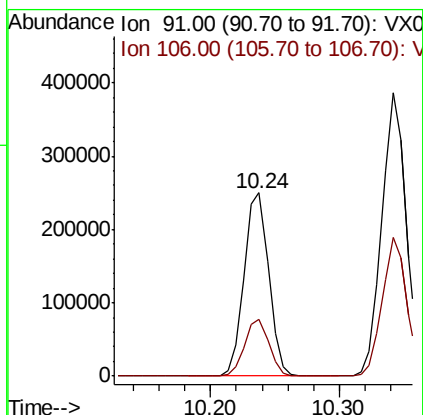
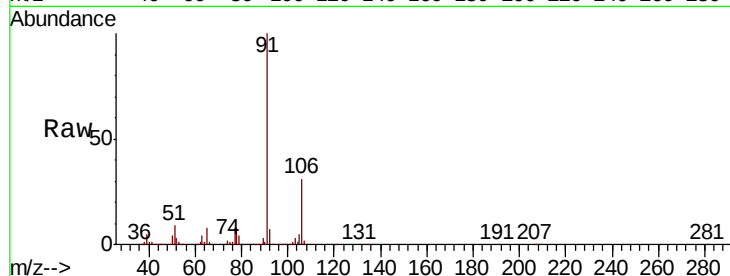




#67
Ethyl Benzene
Concen: 18.916 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

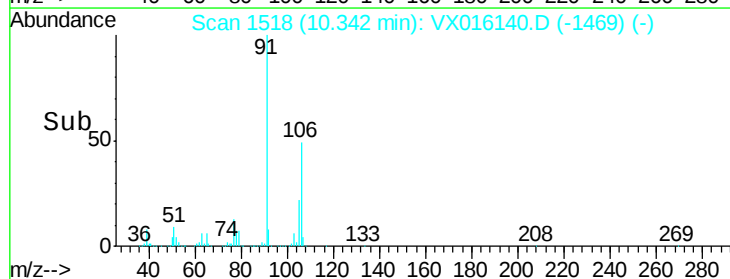
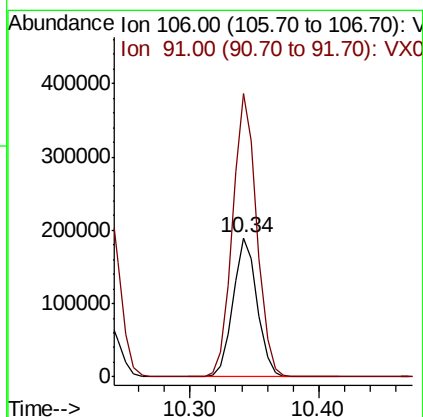
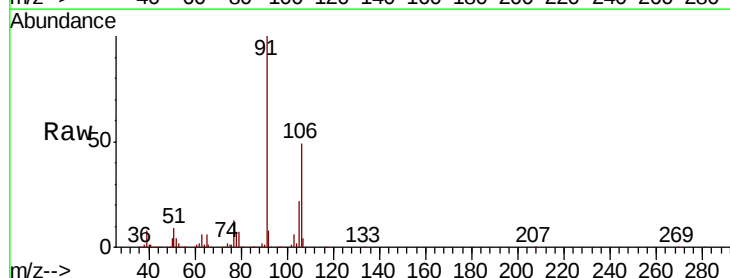
Instrument :
MSVOA_X
ClientSampled :
VX0511WBS01

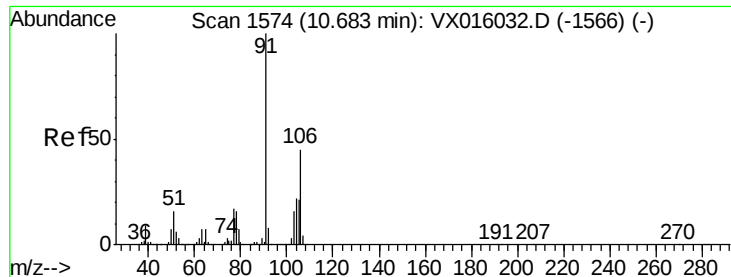
Tot Ion: 91 Resp: 328379
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 38.062 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 106 Resp: 247551
Ion Ratio Lower Upper
106 100
91 203.9 161.7 242.5

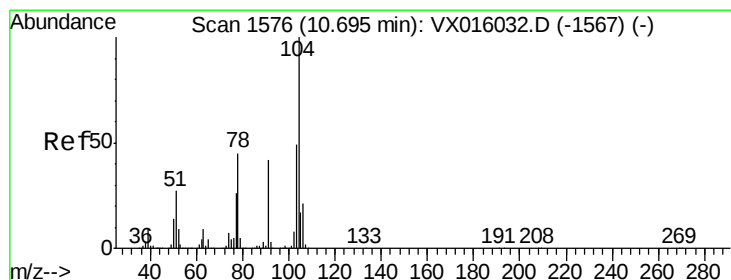
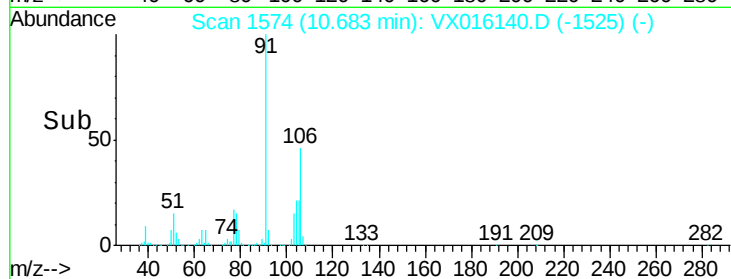
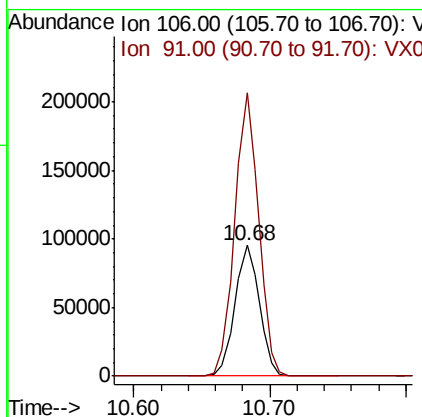
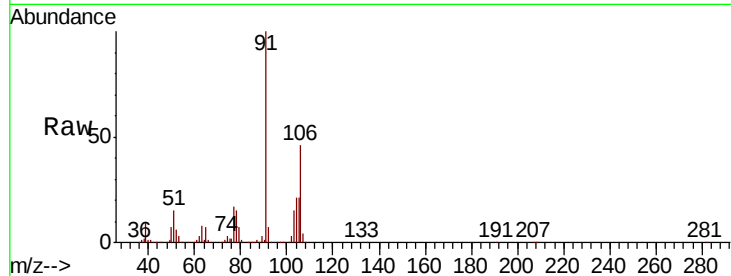




#69
o-Xylene
Concen: 19.114 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

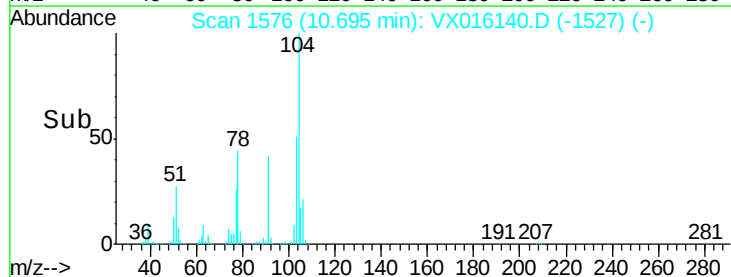
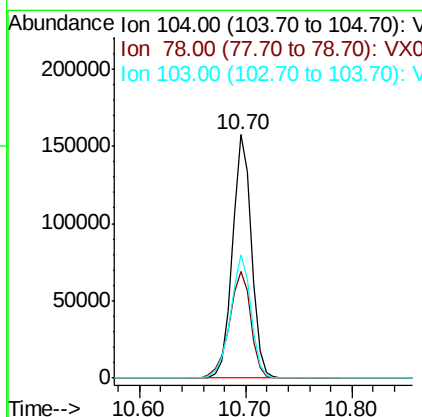
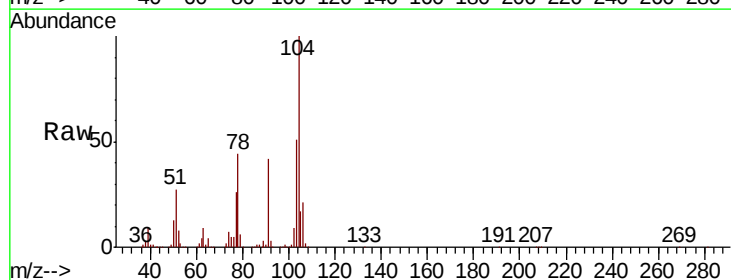
Instrument :
MSVOA_X
ClientSampled :
VX0511WBS01

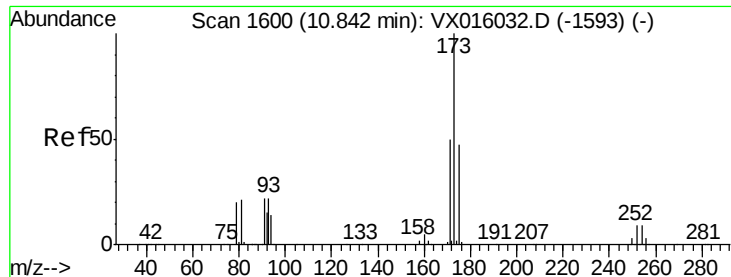
Tot Ion:106 Resp: 119500
Ion Ratio Lower Upper
106 100
91 212.0 107.5 322.6



#70
Styrene
Concen: 18.670 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion:104 Resp: 198023
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 54.2 43.0 64.6





#71

Bromoform

Concen: 18.991 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

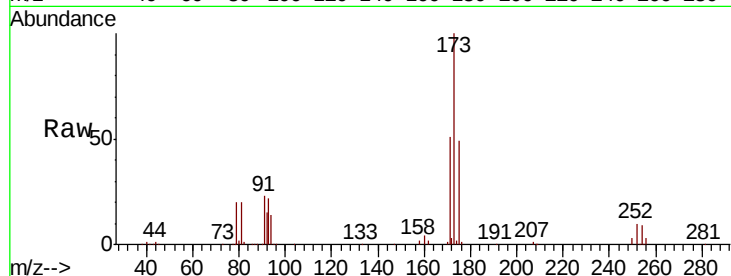
Tot Ion:173 Resp: 55639

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

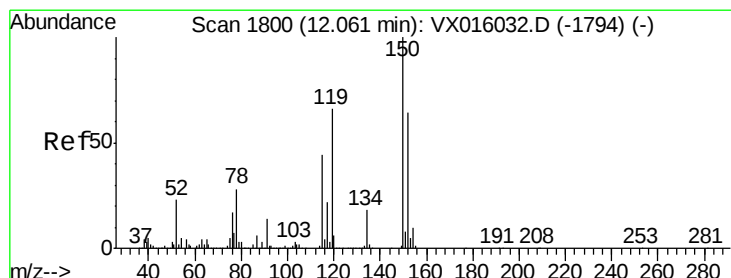
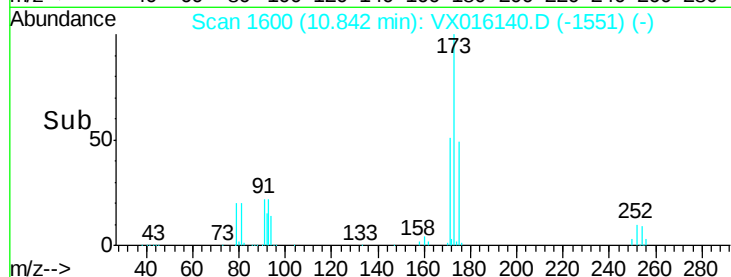
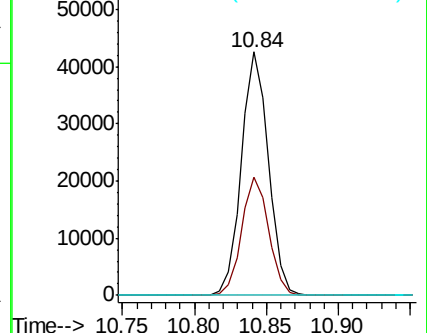
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

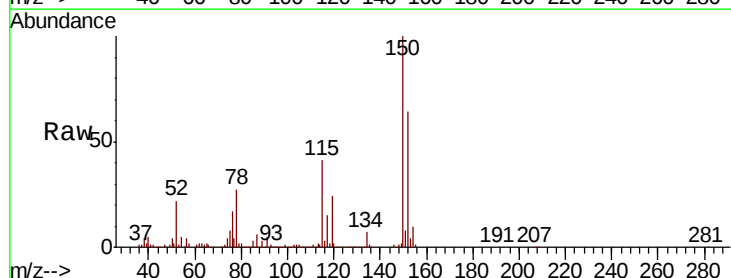
Tgt Ion:152 Resp: 233061

Ion Ratio Lower Upper

152 100

115 67.1 41.3 124.1

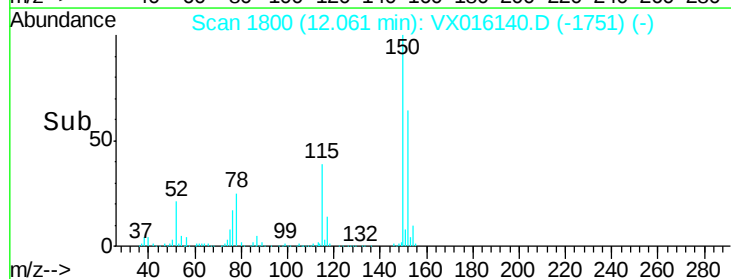
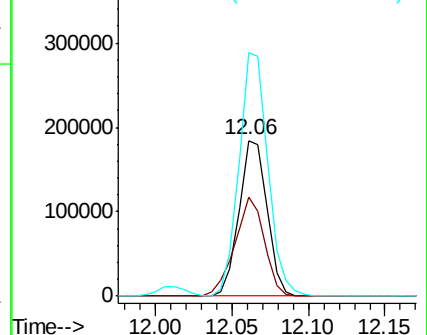
150 162.6 0.0 352.2

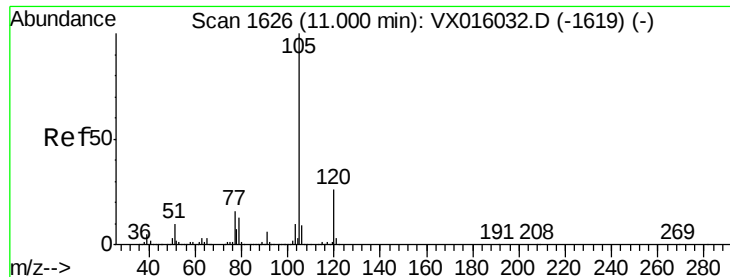


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.884 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

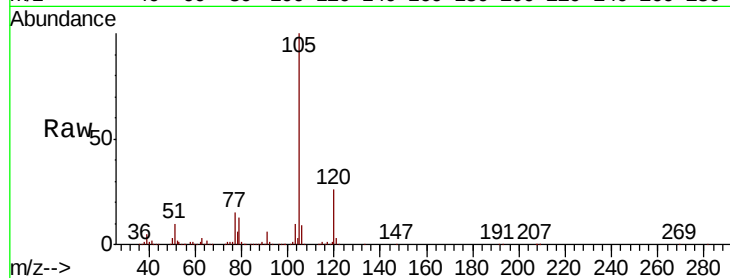
VX0511WBS01

Tot Ion: 105 Resp: 320106

Ion Ratio Lower Upper

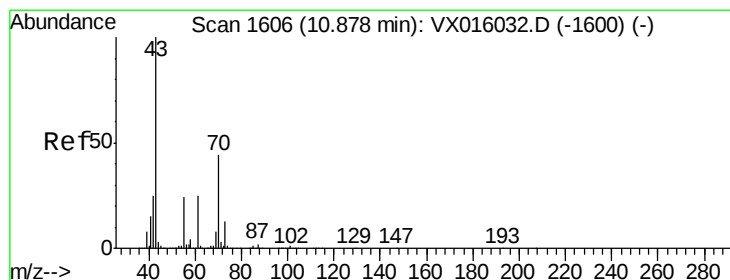
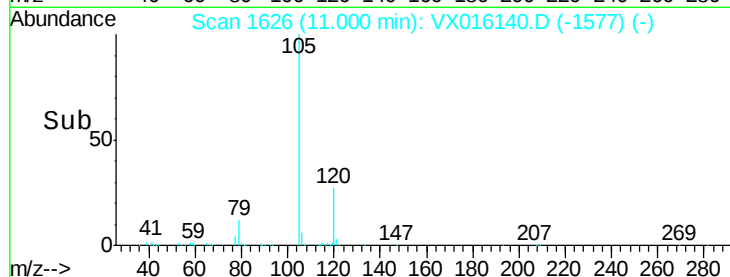
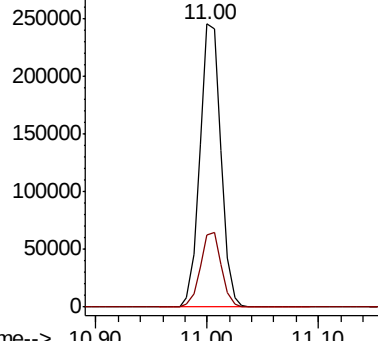
105 100

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: 17.877 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion: 43 Resp: 141350

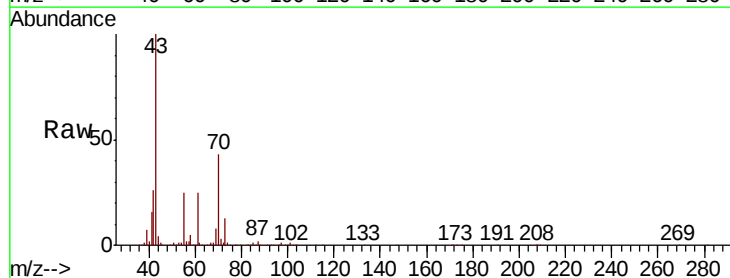
Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 25.4 19.7 29.5

61 25.9 20.9 31.3

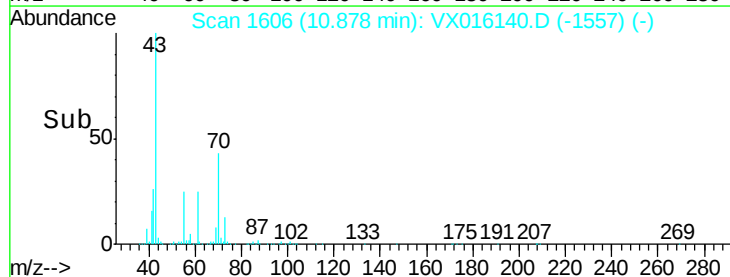
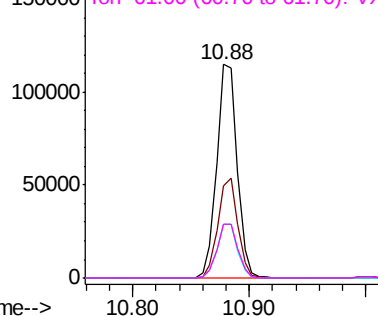


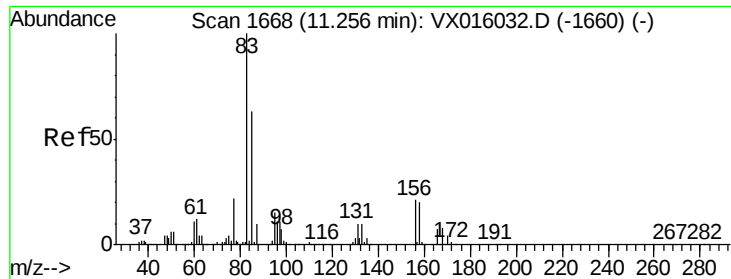
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.727 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

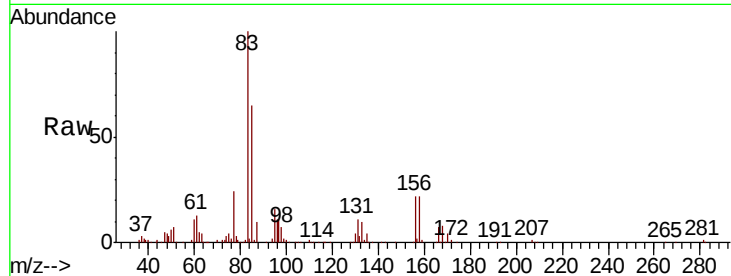
Tot Ion: 83 Resp: 54458

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

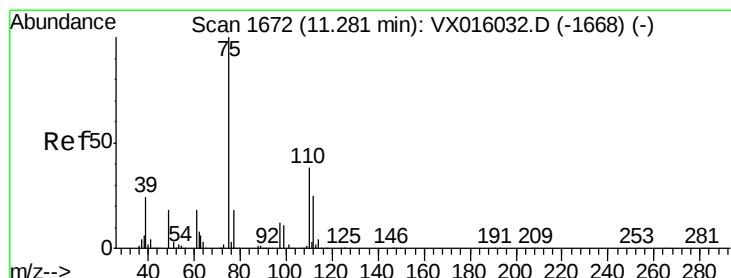
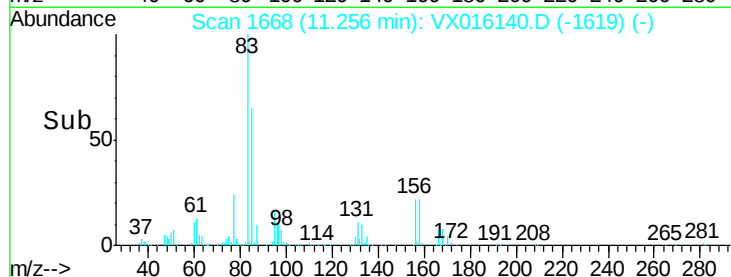
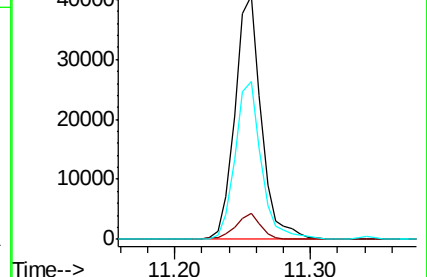
85 64.7 32.0 96.0



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: 24.651 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016140.D

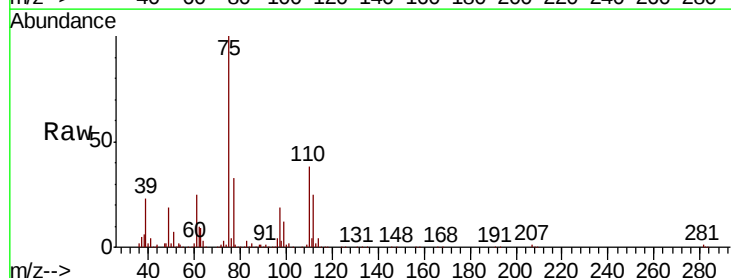
Acq: 11 May 2020 11:48

Tgt Ion: 75 Resp: 130373

Ion Ratio Lower Upper

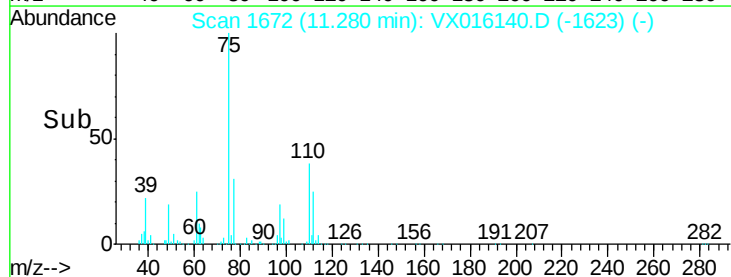
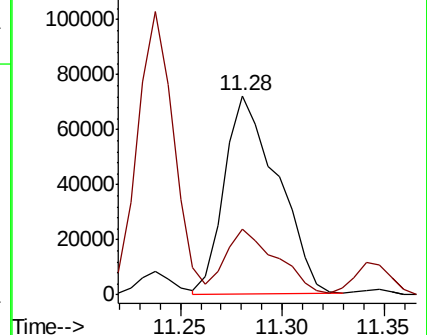
75 100

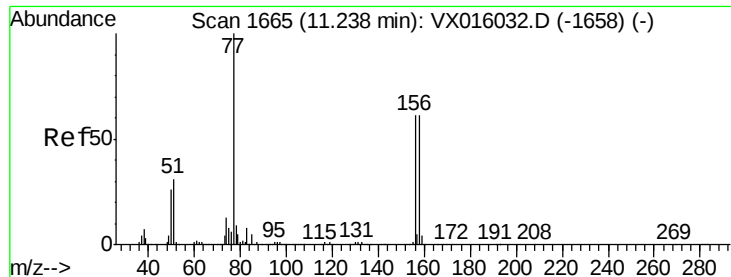
77 31.9 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.271 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0511WBS01

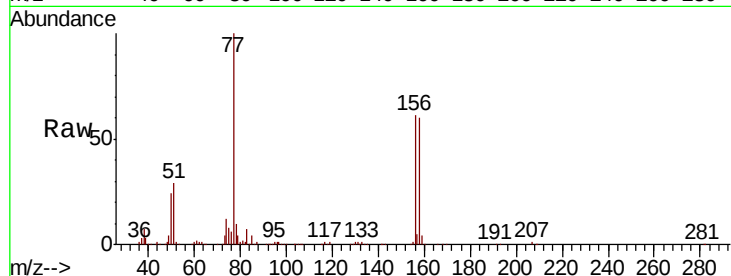
Tot Ion:156 Resp: 79945

Ion Ratio Lower Upper

156 100

77 159.4 80.1 240.3

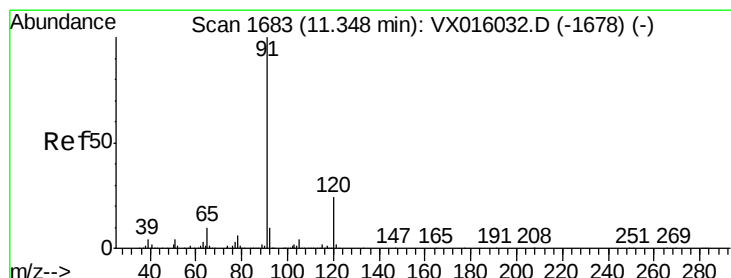
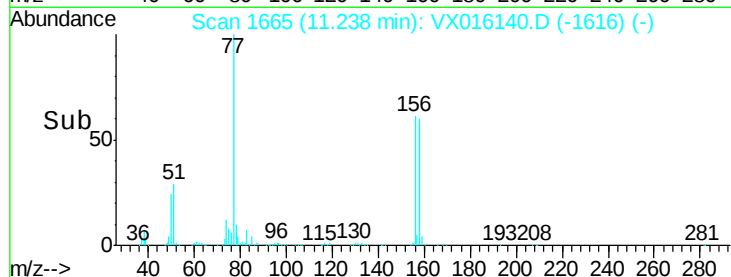
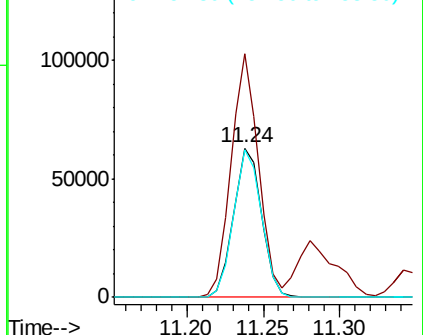
158 98.3 49.4 148.2



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: 18.629 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016140.D

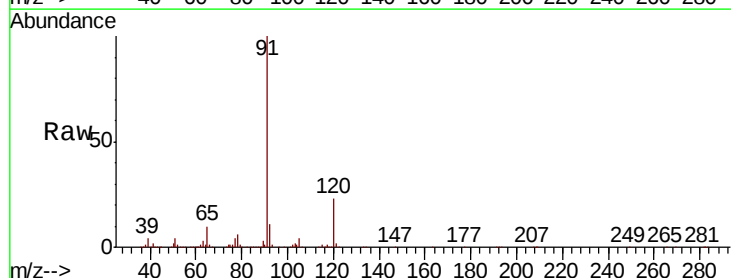
Acq: 11 May 2020 11:48

Tgt Ion: 91 Resp: 367365

Ion Ratio Lower Upper

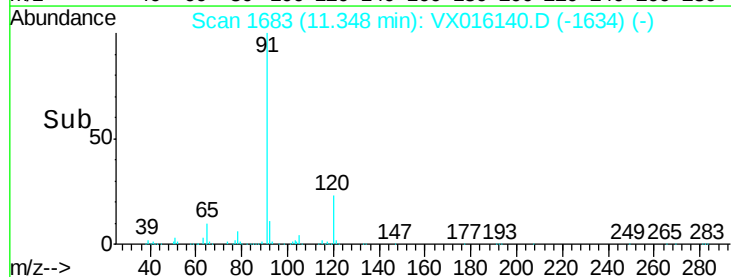
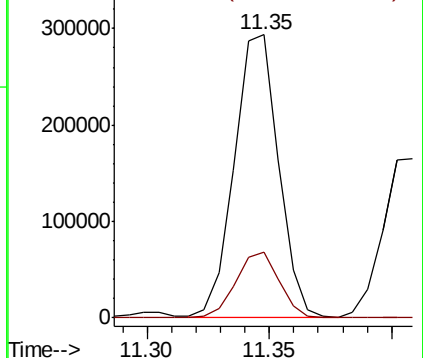
91 100

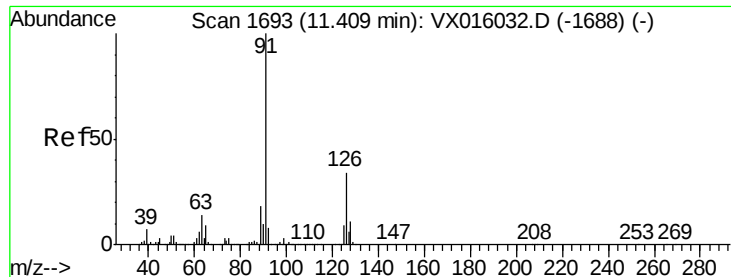
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.385 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

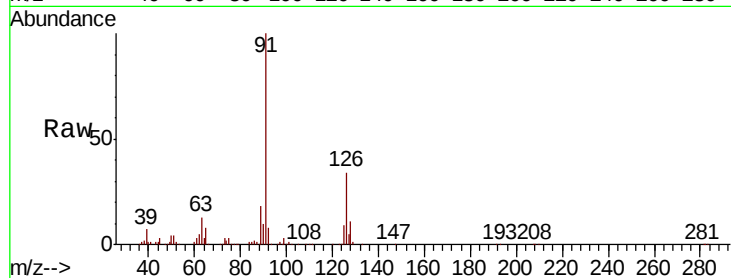
VX0511WBS01

Tot Ion: 91 Resp: 214009

Ion Ratio Lower Upper

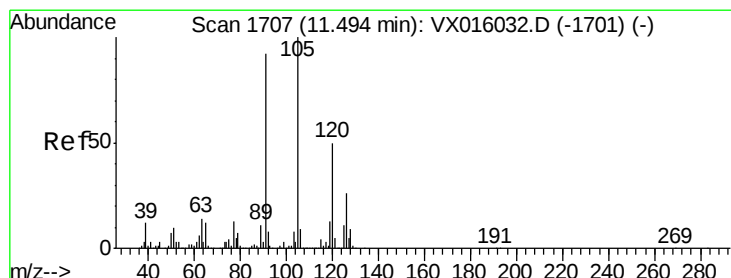
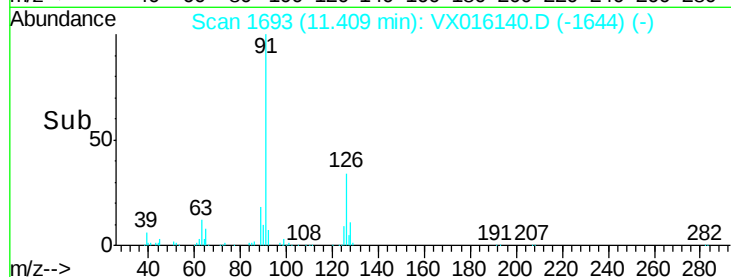
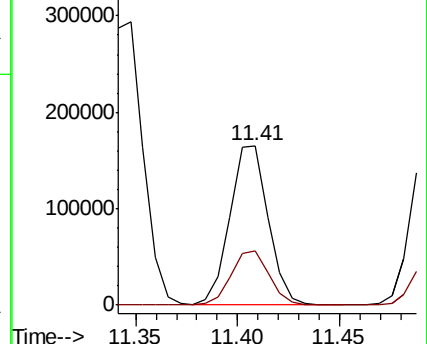
91 100

126 33.5 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.866 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016140.D

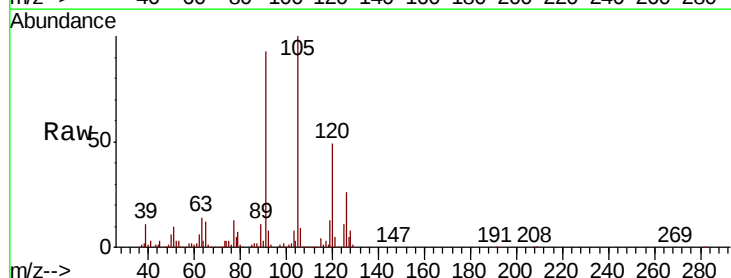
Acq: 11 May 2020 11:48

Tgt Ion:105 Resp: 270019

Ion Ratio Lower Upper

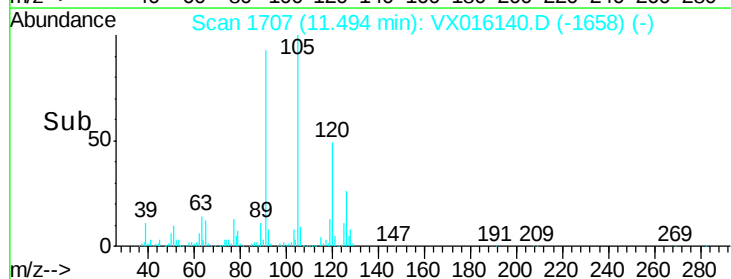
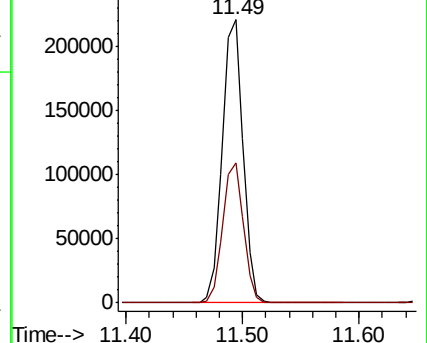
105 100

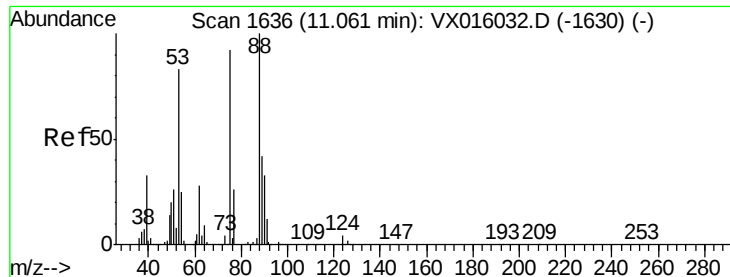
120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.968 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

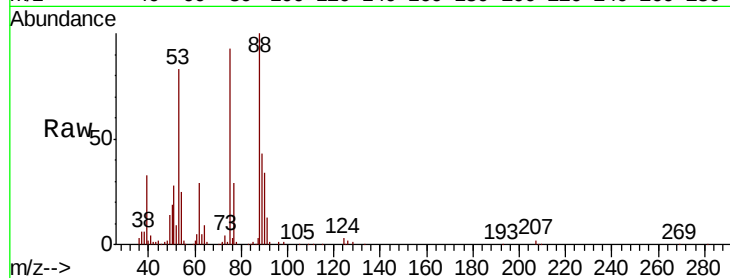
Tot Ion: 75 Resp: 39876

Ion Ratio Lower Upper

75 100

53 90.7 73.1 109.7

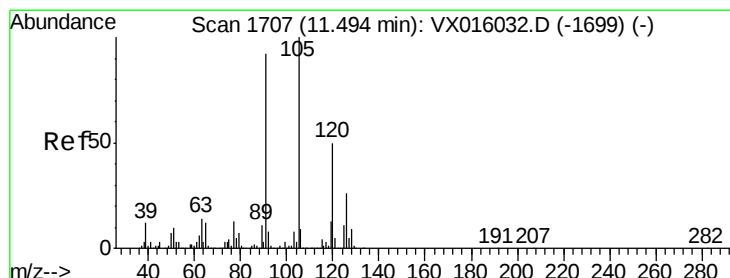
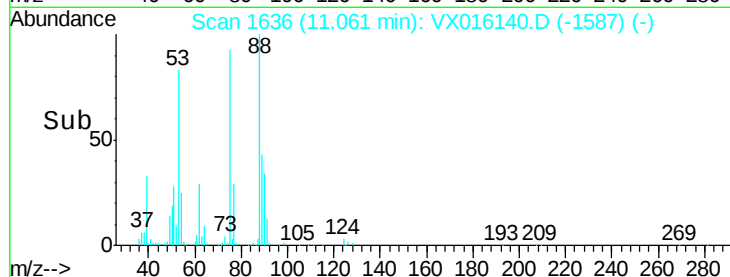
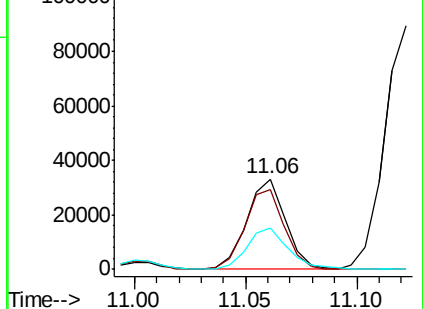
89 48.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.438 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016140.D

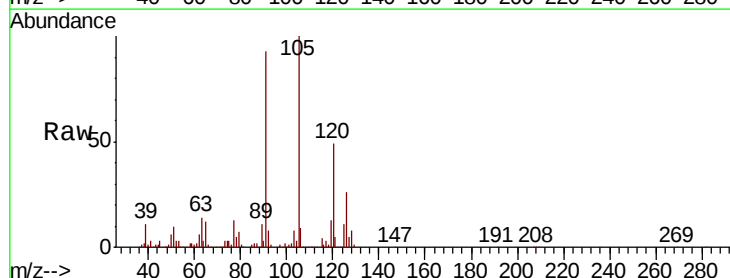
Acq: 11 May 2020 11:48

Tgt Ion: 91 Resp: 253455

Ion Ratio Lower Upper

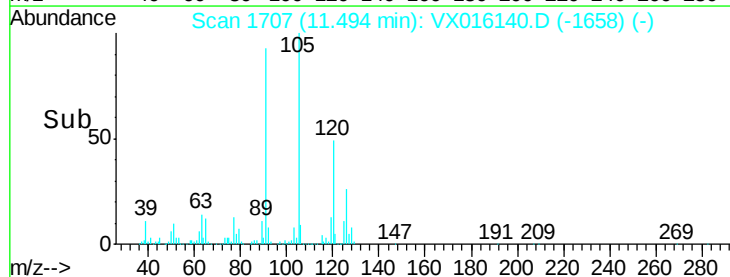
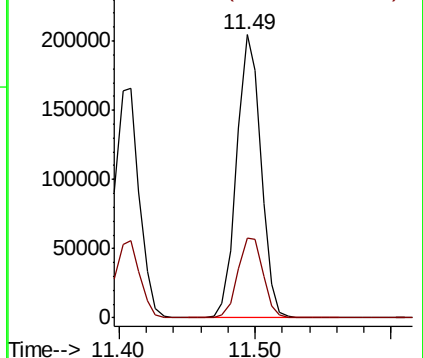
91 100

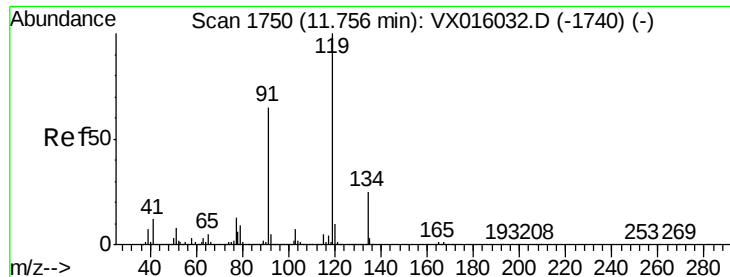
126 29.6 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

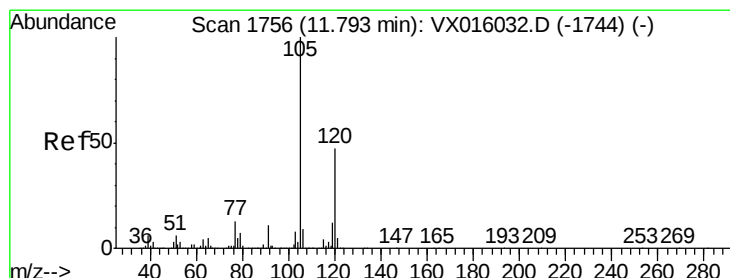
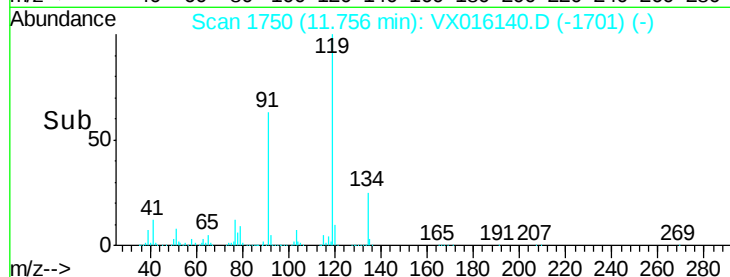
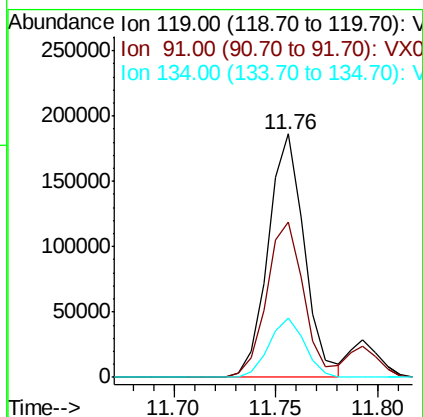
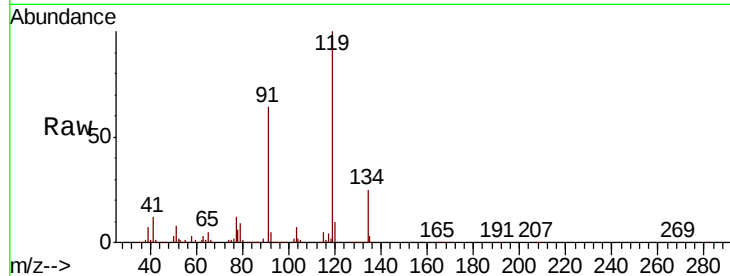




#83
tert-Butylbenzene
Concen: 18.648 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

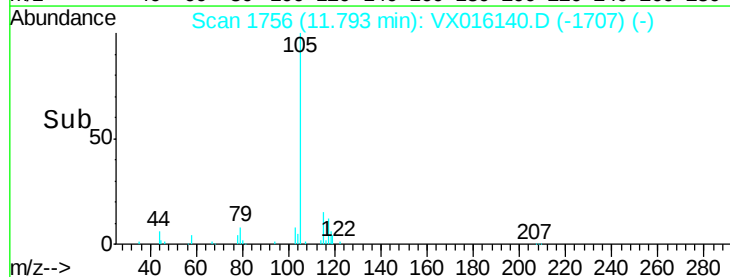
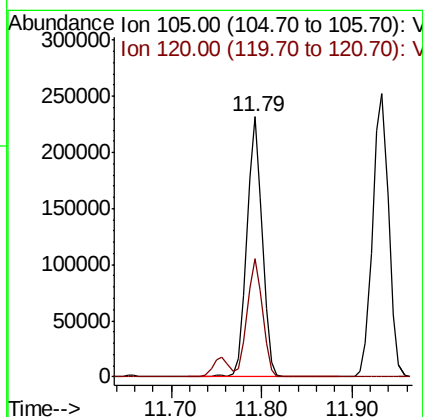
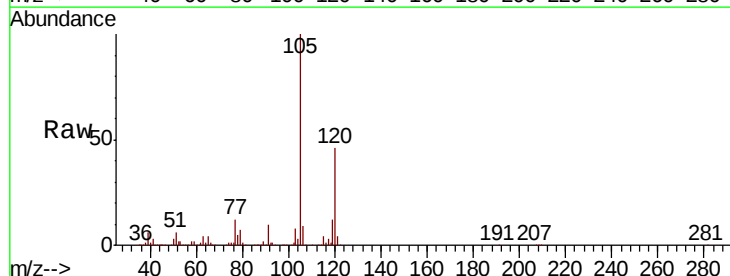
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

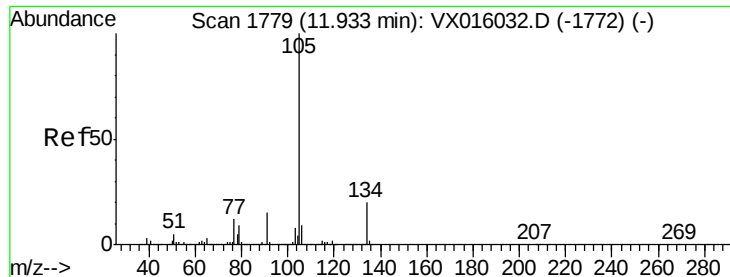
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.8	98.4
134	24.2	12.4	37.0



#84
1,2,4-Trimethylbenzene
Concen: 18.729 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 18.622 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

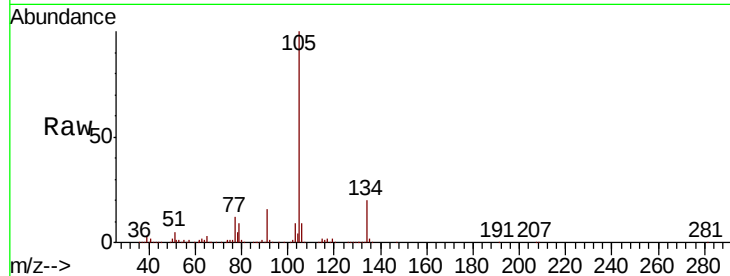
VX0511WBS01

Tot Ion:105 Resp: 310138

Ion Ratio Lower Upper

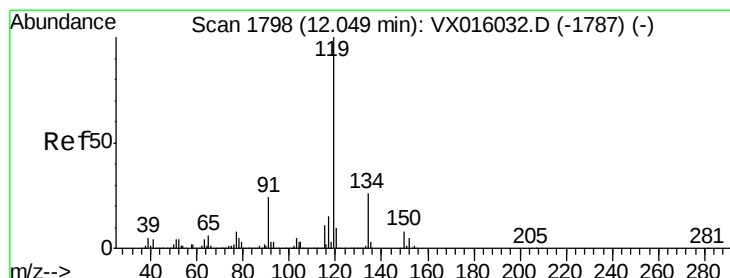
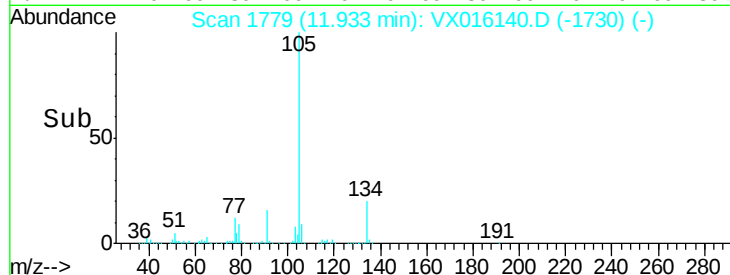
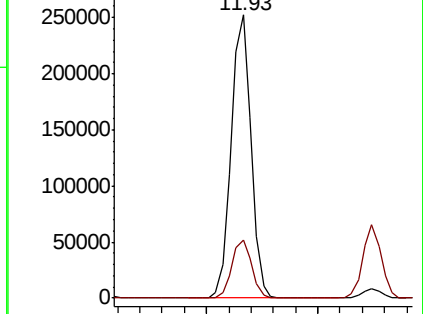
105 100

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: 18.598 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

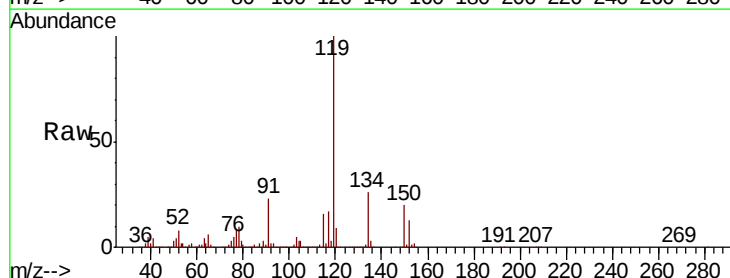
Tgt Ion:119 Resp: 287576

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

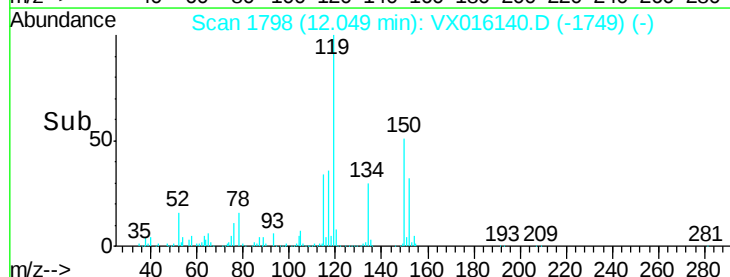
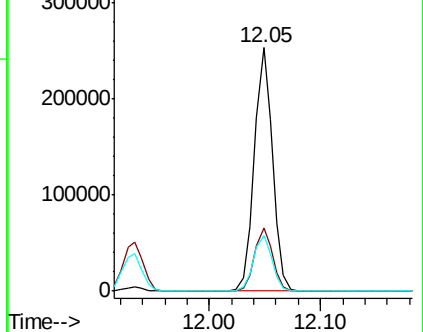
91 23.5 11.8 35.4

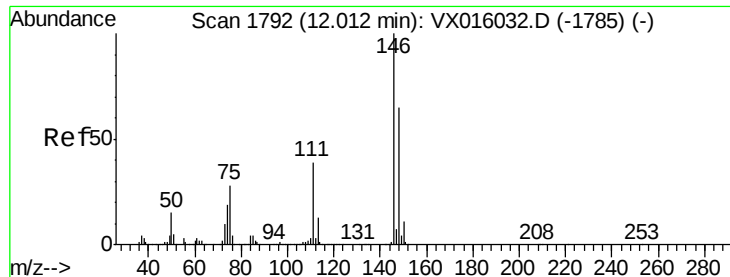


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.119 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

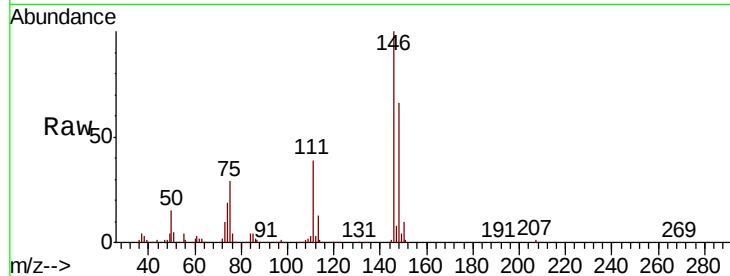
Tot Ion:146 Resp: 142351

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

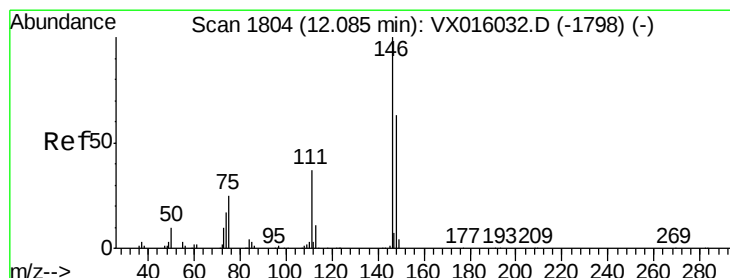
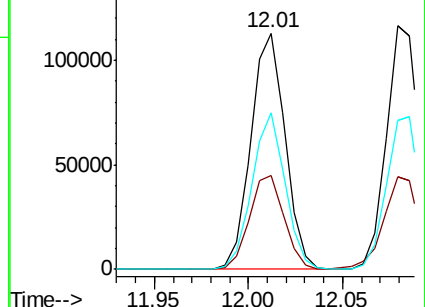
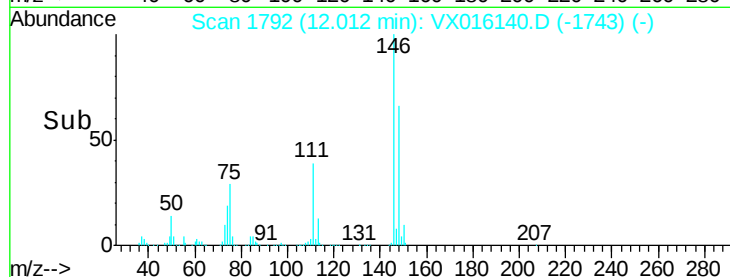
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.152 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

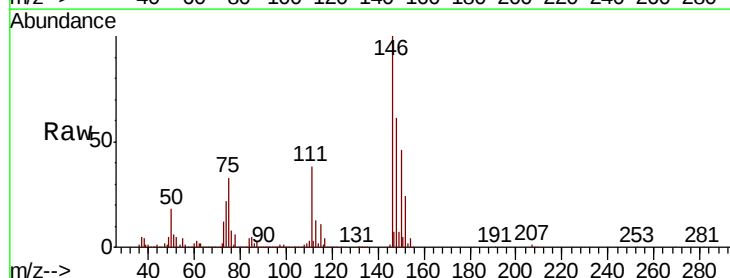
Tgt Ion:146 Resp: 144741

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.7

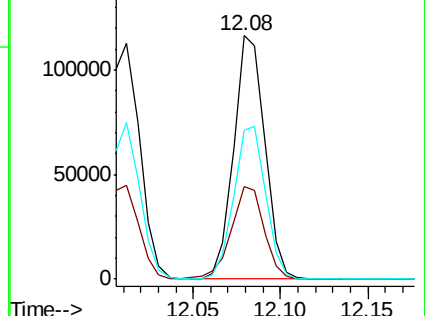
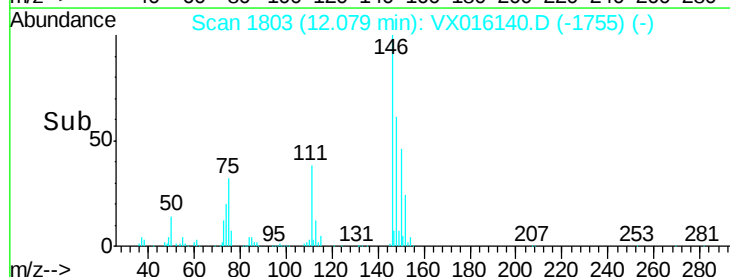
148 64.2 31.8 95.3

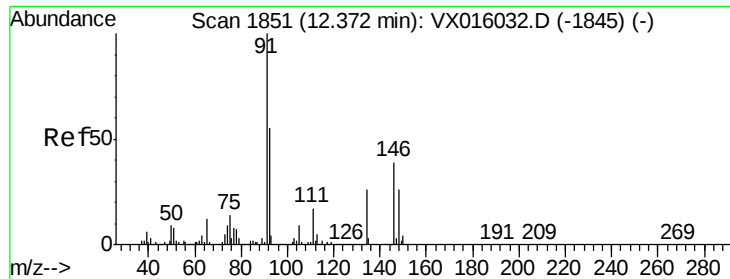


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.921 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

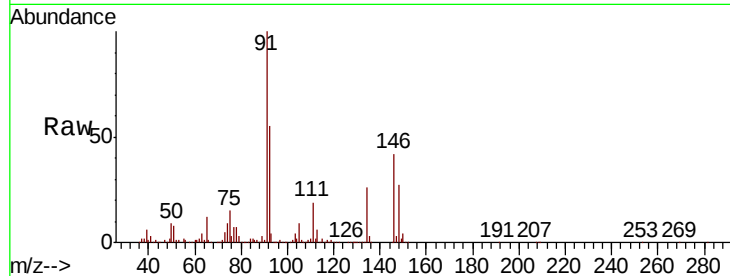
Tot Ion: 91 Resp: 253150

Ion Ratio Lower Upper

91 100

92 54.9 27.6 82.7

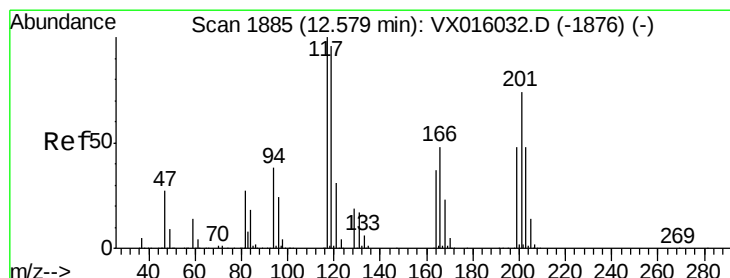
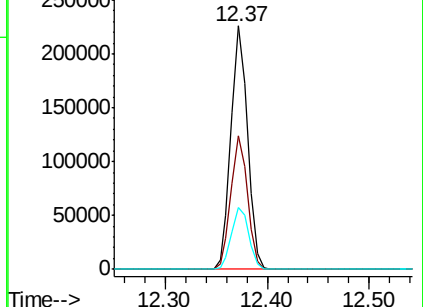
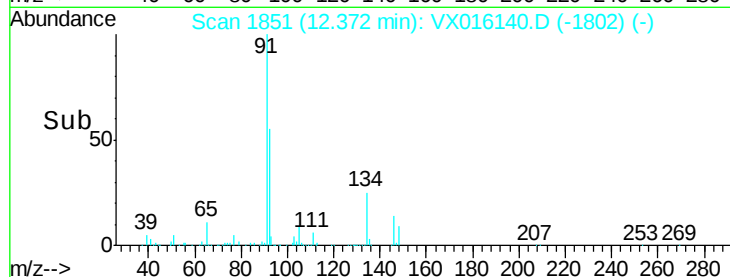
134 26.5 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016140.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016140.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016140.D (-1802) (-)



#90

Hexachloroethane

Concen: 18.416 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016140.D

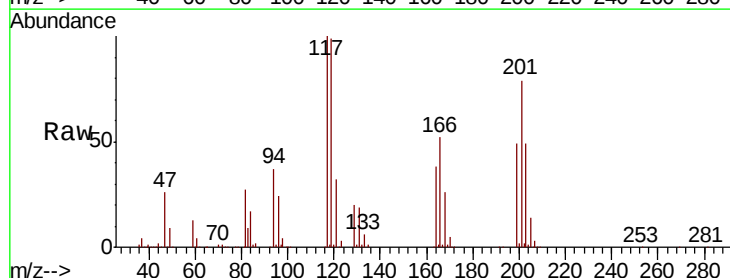
Acq: 11 May 2020 11:48

Tgt Ion: 117 Resp: 48903

Ion Ratio Lower Upper

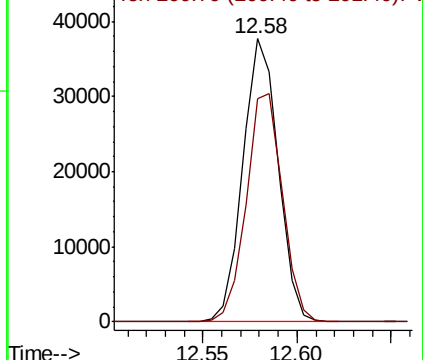
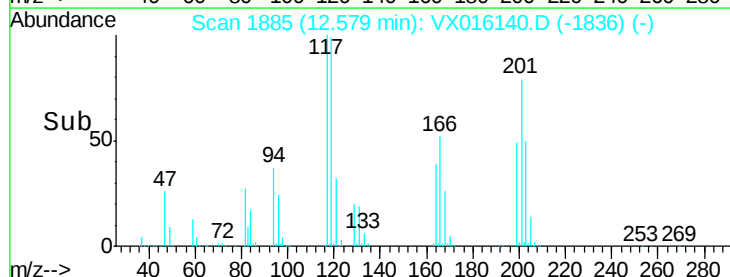
117 100

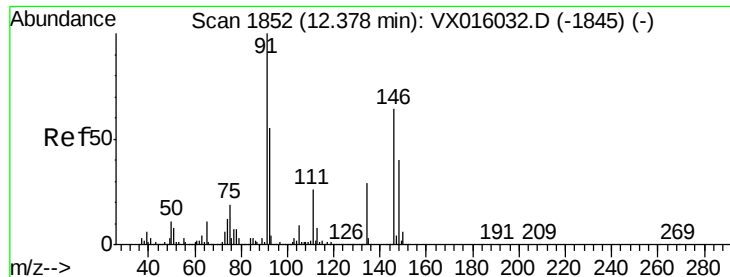
201 82.6 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016140.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016140.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 18.554 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

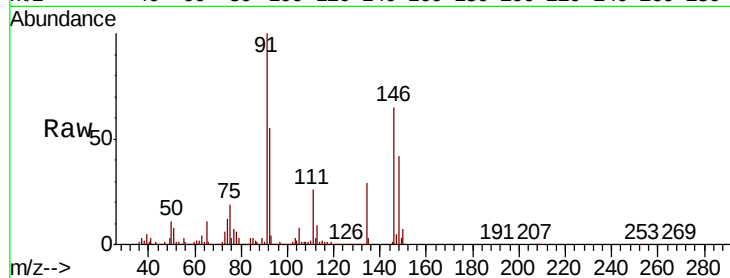
Tot Ion:146 Resp: 140355

Ion Ratio Lower Upper

146 100

111 40.9 21.1 63.1

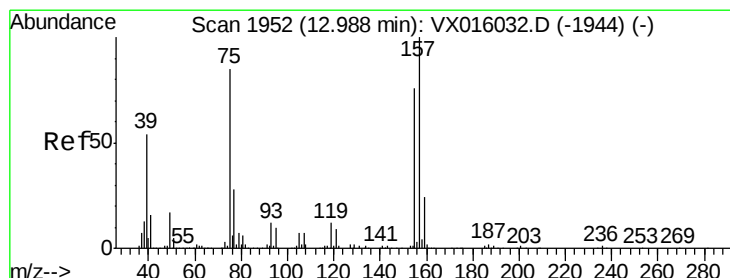
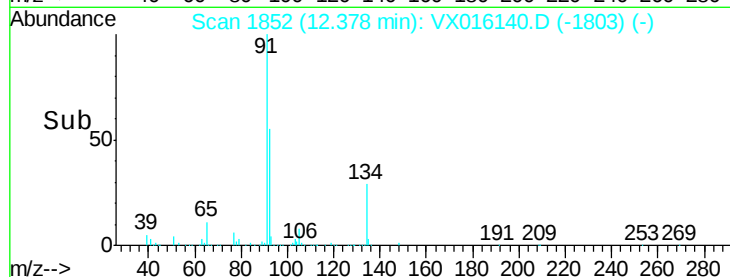
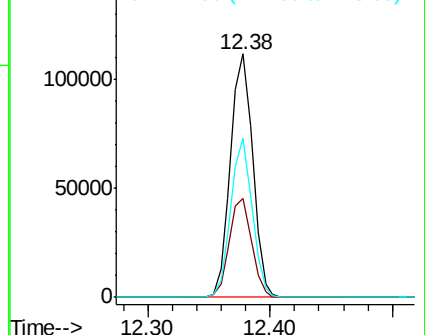
148 63.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.875 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

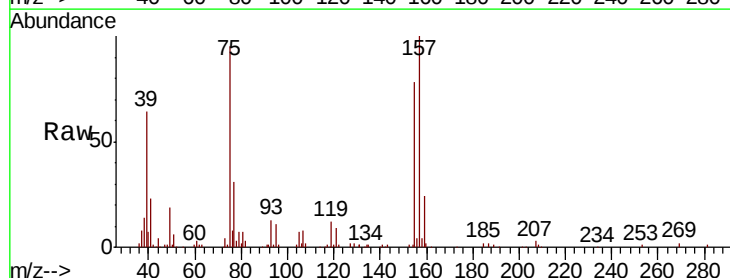
Tgt Ion: 75 Resp: 23522

Ion Ratio Lower Upper

75 100

155 85.1 42.5 127.5

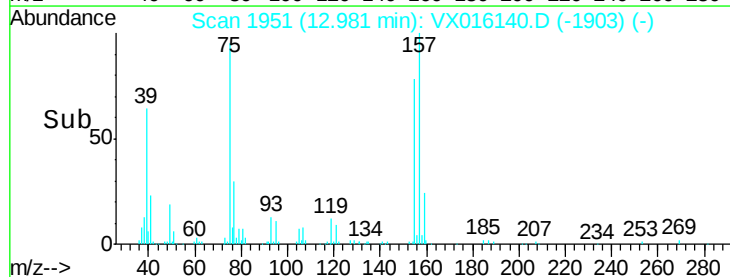
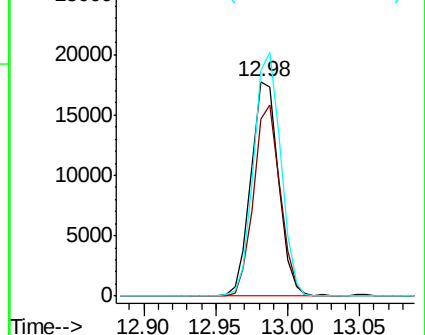
157 110.8 55.3 165.8

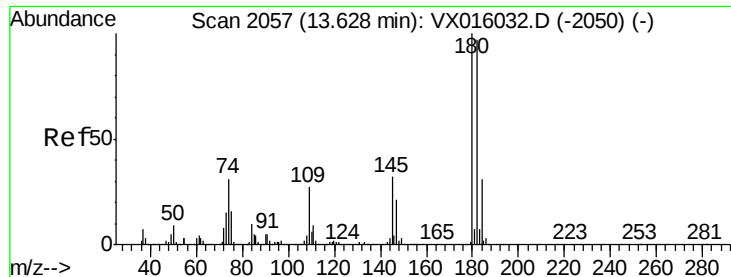


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

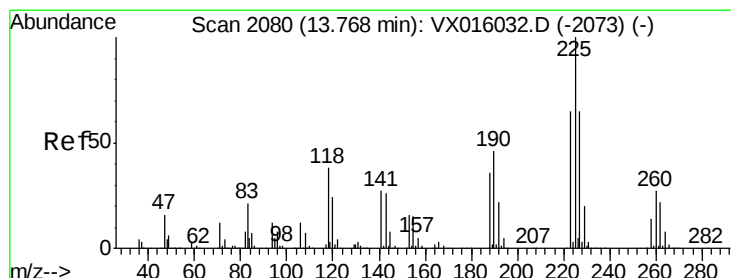
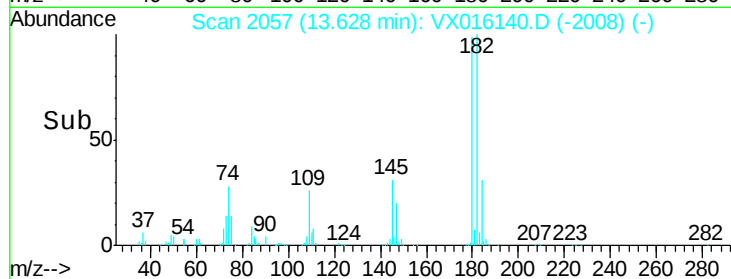
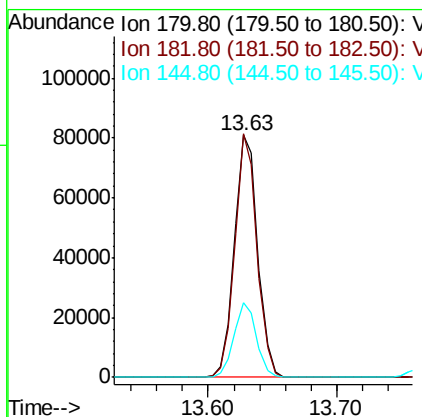
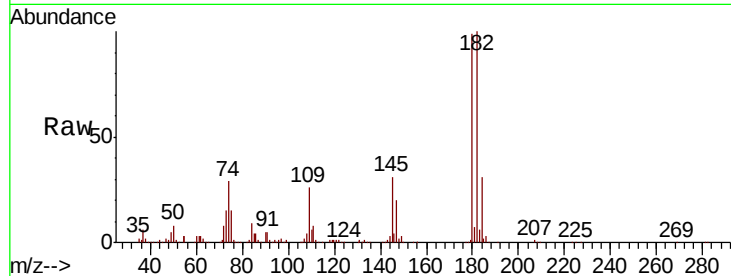




#93
 1,2,4-Trichlorobenzene
 Concen: 18.138 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

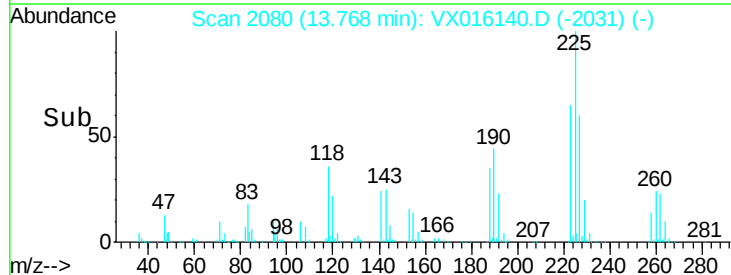
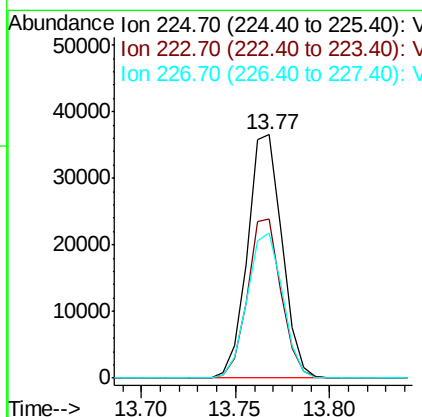
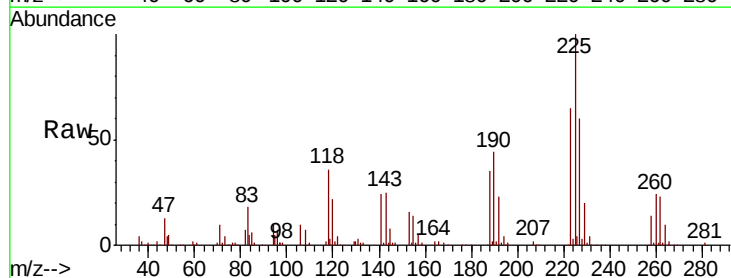
Instrument :
 MSVOA_X
 ClientSampled :
 VX0511WBS01

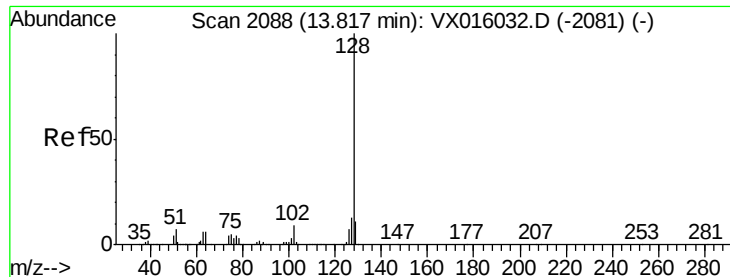
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.7	146.1
145	29.9	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 19.593 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.3	96.9
227	61.0	31.8	95.4





#95

Naphthalene

Concen: 18.097 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

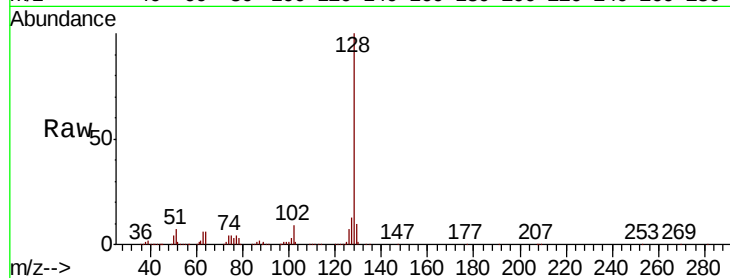
Tot Ion:128 Resp: 328194

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

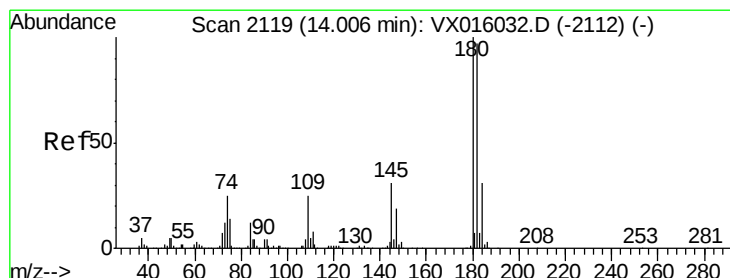
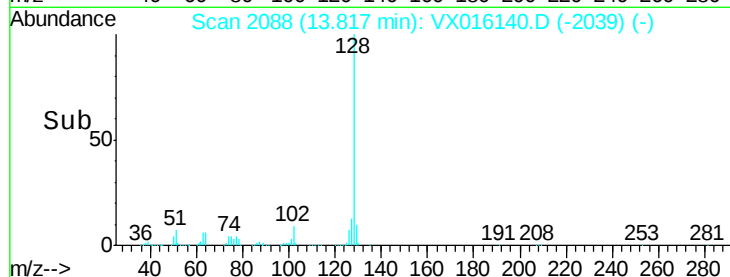
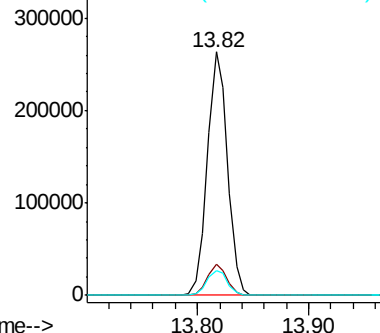
129 10.6 8.7 13.1



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: 18.474 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

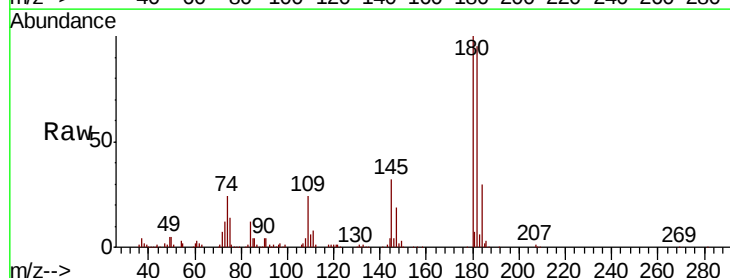
Tgt Ion:180 Resp: 101119

Ion Ratio Lower Upper

180 100

182 93.9 48.4 145.0

145 32.0 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

