

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022520.D
 Acq On : 07 Jun 2021 08:38
 Operator : JC/MD
 Sample : PB136857ZHE#14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#14

Quant Time: Jun 07 09:02:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

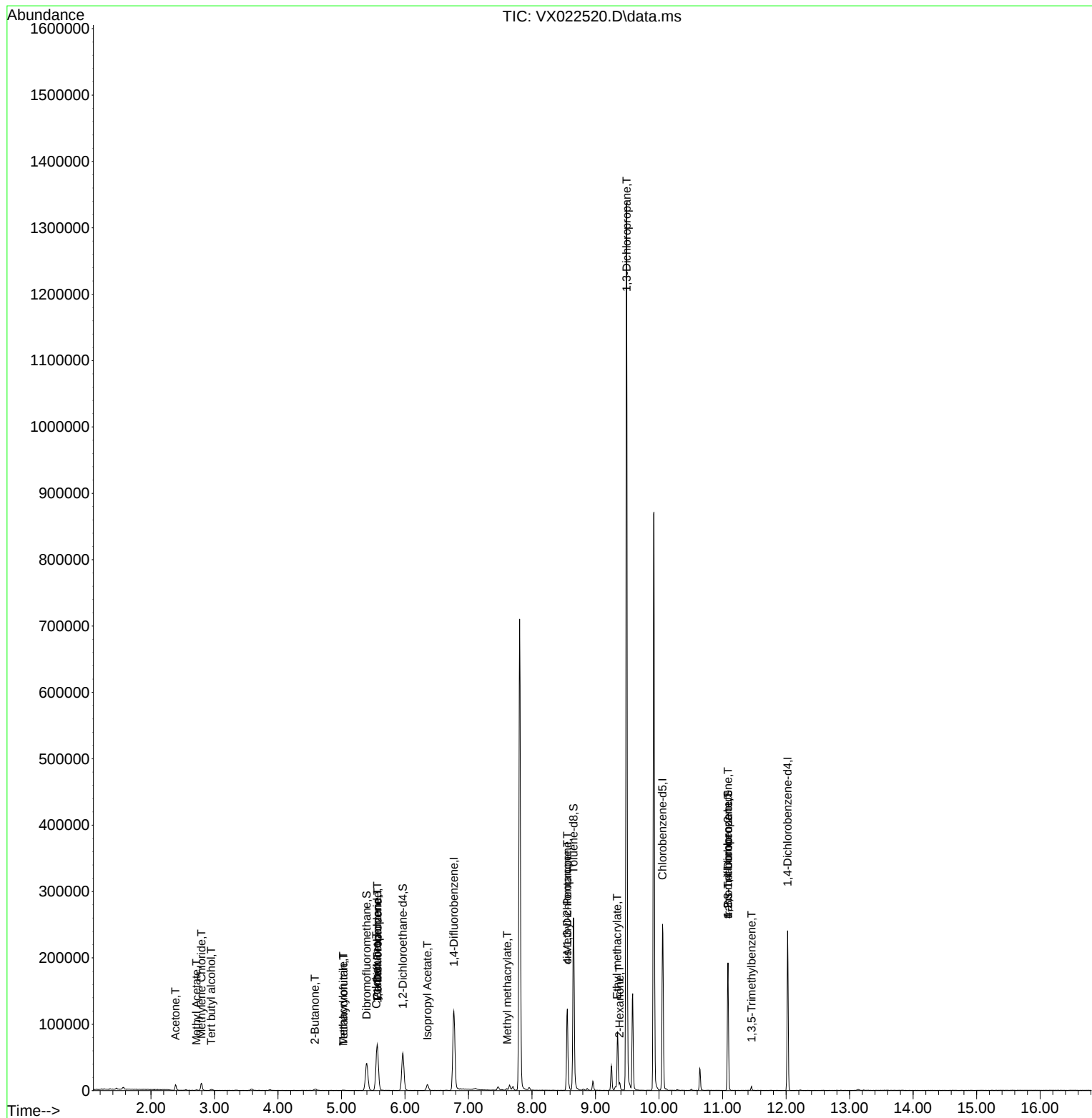
Internal Standards						
1) Pentafluorobenzene	5.562	168	58492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	117477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49657	55.035	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.080%
35) Dibromofluoromethane	5.397	113	34611	46.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	8.653	98	148465	51.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.460%
62) 4-Bromofluorobenzene	11.085	95	51000	48.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1306	6.328	ug/l #	73
16) Acetone	2.386	43	8548	21.757	ug/l	89
18) Methyl Acetate	2.715	43	1284	1.229	ug/l #	57
20) Methylene Chloride	2.794	84	4508	5.168	ug/l #	79
25) 2-Butanone	4.580	43	1910	3.005	ug/l	92
29) Tetrahydrofuran	5.031	42	628	1.660	ug/l #	34
31) Cyclohexane	5.550	56	721	0.636	ug/l #	2
36) 1,1-Dichloropropene	5.568	75	5869	5.403	ug/l #	49
38) Carbon Tetrachloride	5.562	117	6593	6.204	ug/l #	16
41) Methacrylonitrile	5.025	41	363	0.510	ug/l #	39
43) Isopropyl Acetate	6.354	43	11780	5.408	ug/l	95
48) Methyl methacrylate	7.610	41	3548	3.535	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	44287	33.944	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	19545	13.606	ug/l #	64
56) Ethyl methacrylate	9.342	69	450	0.324	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	11477	7.823	ug/l #	43
59) 2-Hexanone	9.378	43	5086	5.183	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	27211	26.197	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	2772	0.939	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.085	75	27211	62.070	ug/l #	12

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

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Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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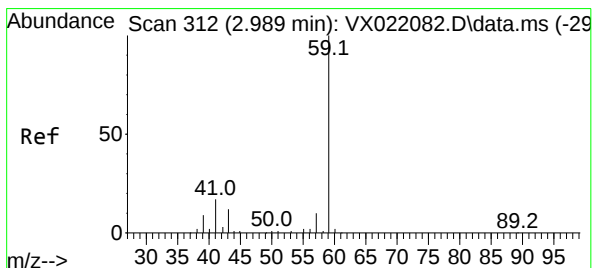
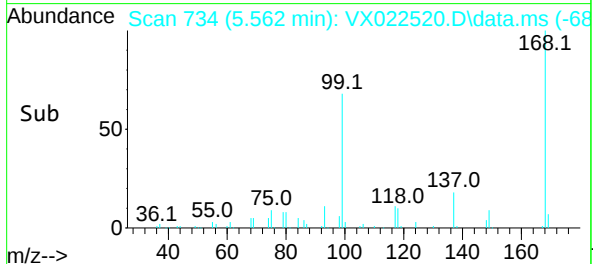
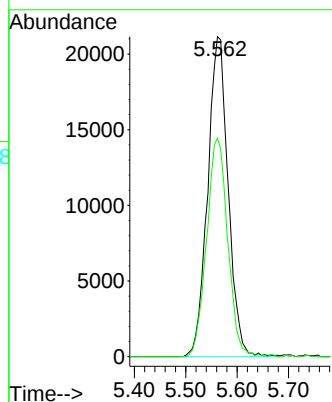
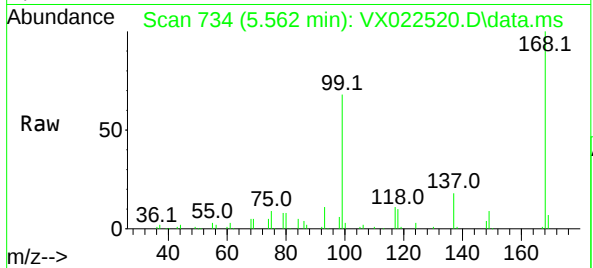




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

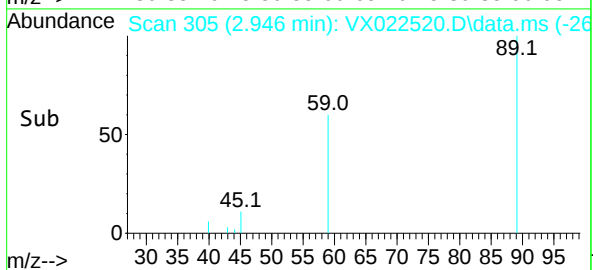
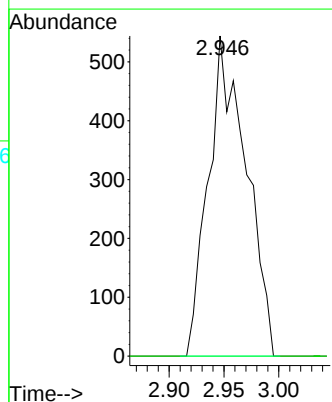
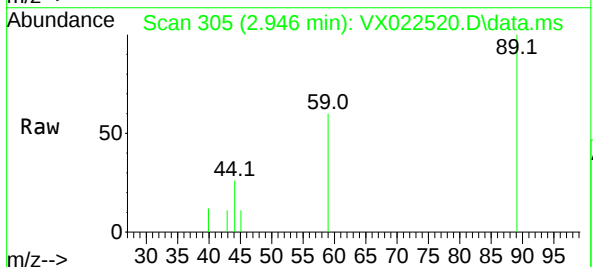
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

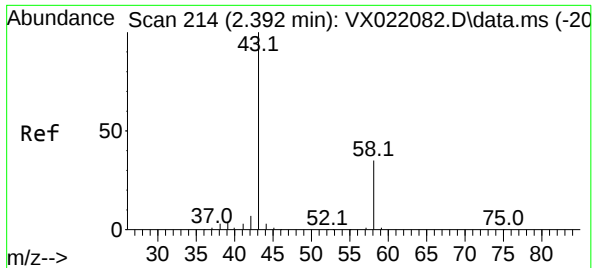
Tgt Ion:168 Resp: 58492
Ion Ratio Lower Upper
168 100
99 68.3 45.8 68.6



#11
Tert butyl alcohol
Concen: 6.328 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

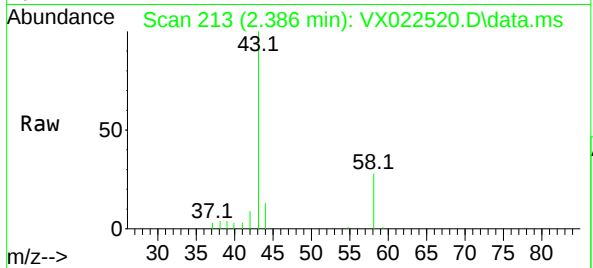
Tgt Ion: 59 Resp: 1306
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



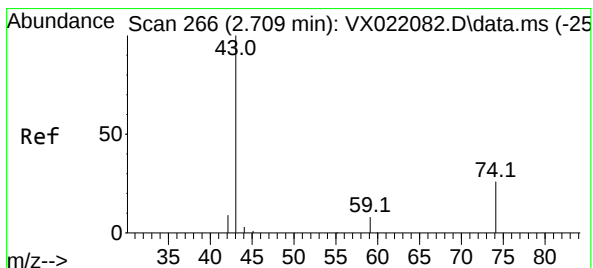
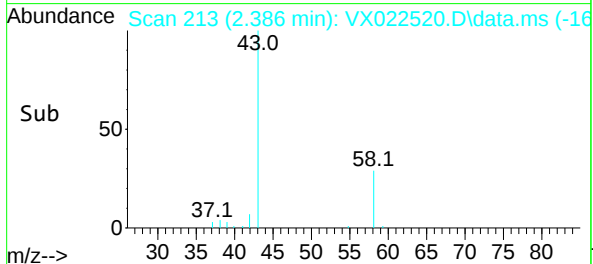
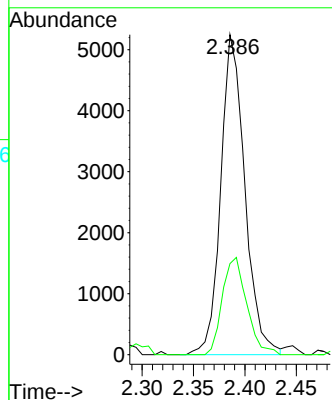


#16
Acetone
Concen: 21.757 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

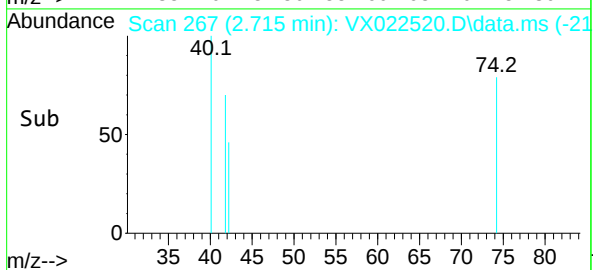
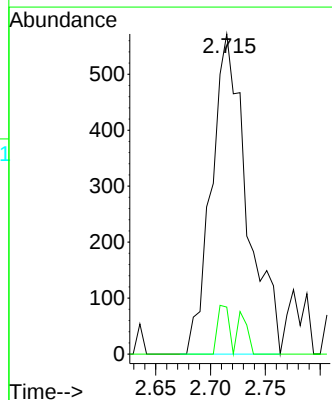
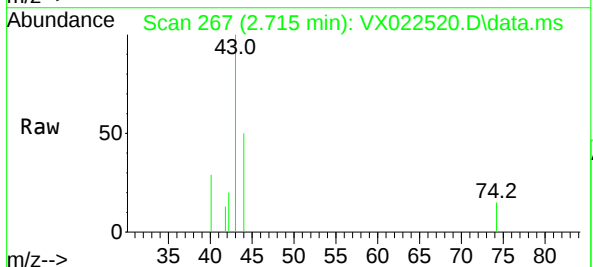


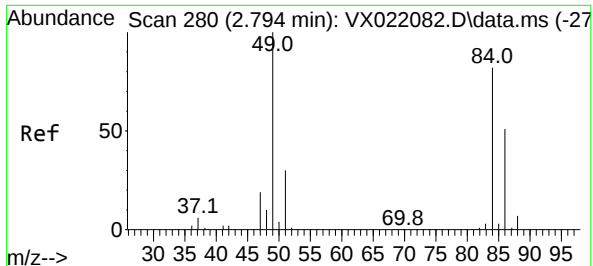
Tgt Ion: 43 Resp: 8548
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



#18
Methyl Acetate
Concen: 1.229 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
74 4.9 21.9 32.9#





#20

Methylene Chloride

Concen: 5.168 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022520.D

Acq: 07 Jun 2021 08:38

Tgt Ion: 84 Resp: 4508

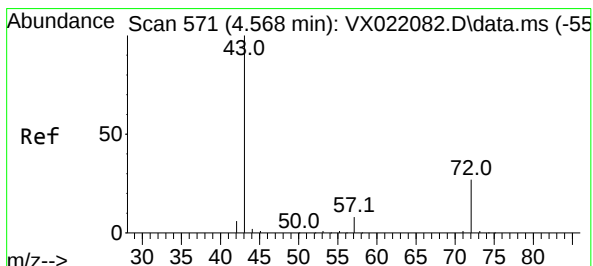
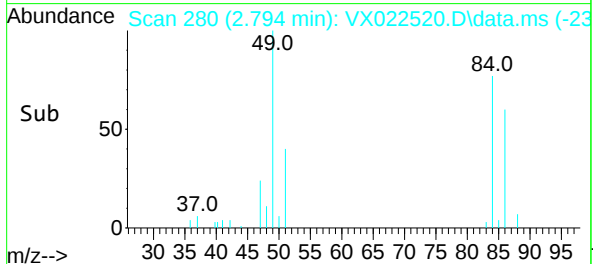
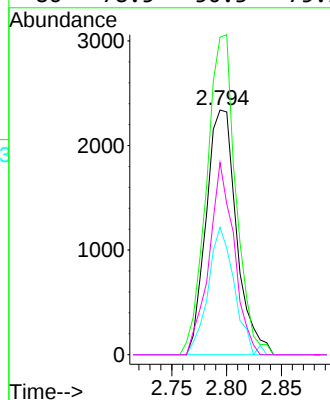
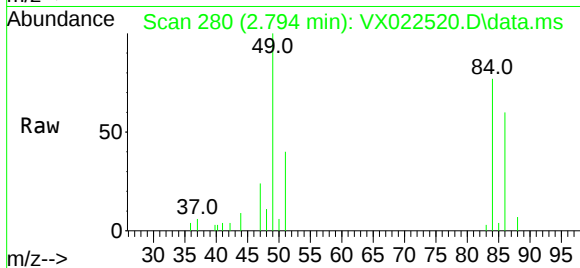
Ion Ratio Lower Upper

84 100

49 129.8 88.6 132.8

51 52.1 27.0 40.6#

86 78.5 50.3 75.5#



#25

2-Butanone

Concen: 3.005 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022520.D

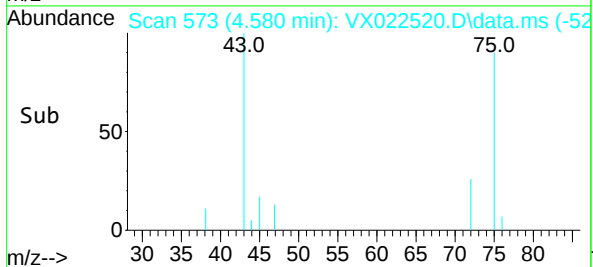
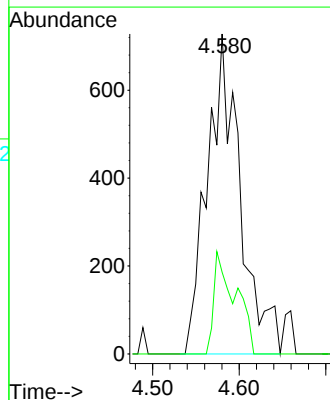
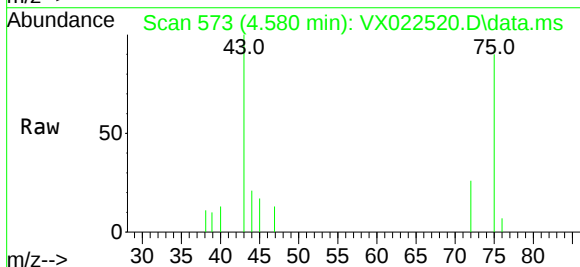
Acq: 07 Jun 2021 08:38

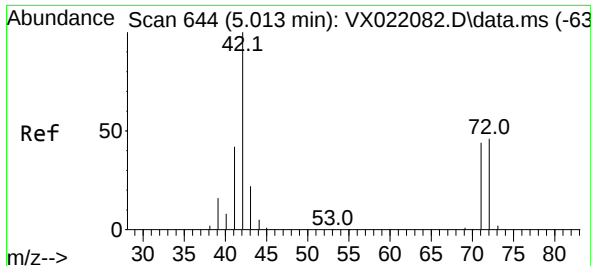
Tgt Ion: 43 Resp: 1910

Ion Ratio Lower Upper

43 100

72 25.5 23.7 35.5





#29

Tetrahydrofuran

Concen: 1.660 ug/l

RT: 5.031 min Scan# 647

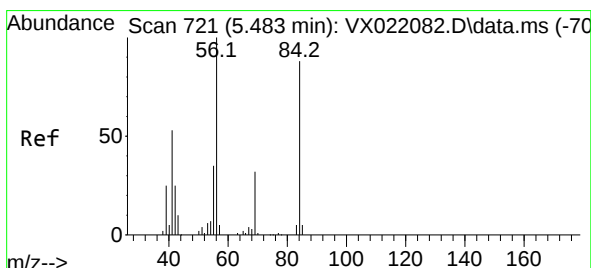
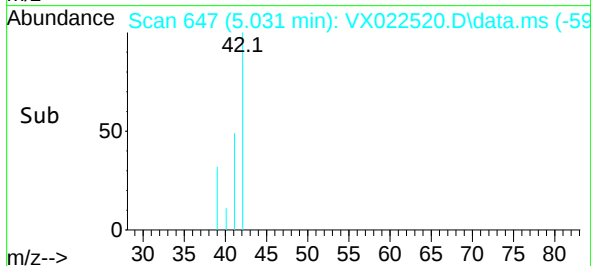
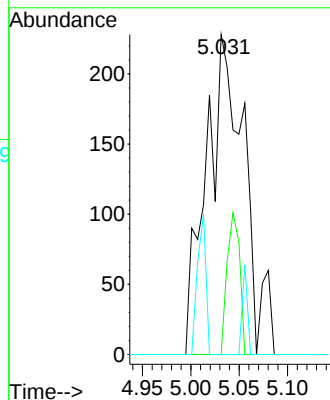
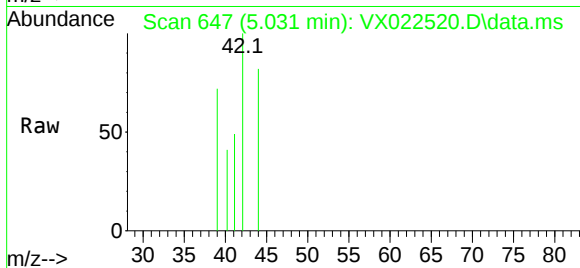
Delta R.T. 0.018 min

Lab File: VX022520.D

Acq: 07 Jun 2021 08:38

Tgt Ion:	42	Resp:	628
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	9.7	38.4	57.6#

Instrument :
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ClientSampleId :
PB136857ZHE#14



#31

Cyclohexane

Concen: 0.636 ug/l

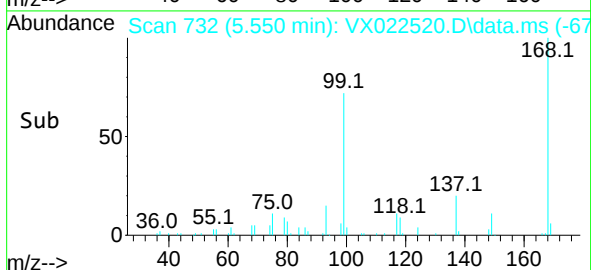
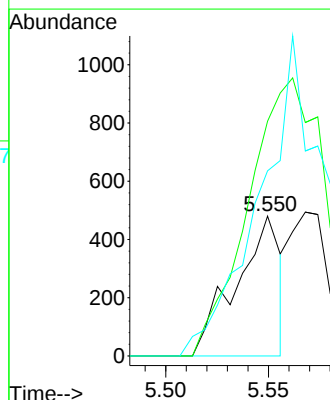
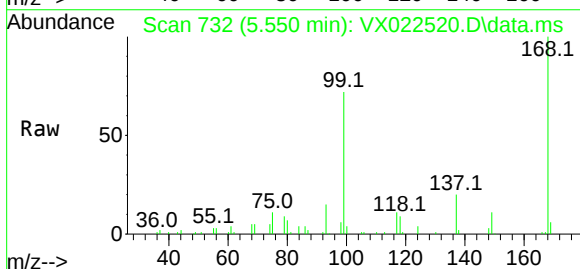
RT: 5.550 min Scan# 732

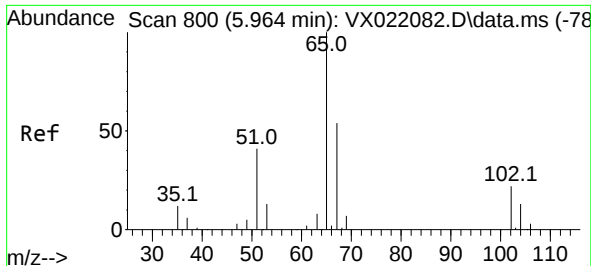
Delta R.T. 0.067 min

Lab File: VX022520.D

Acq: 07 Jun 2021 08:38

Tgt Ion:	56	Resp:	721
Ion	Ratio	Lower	Upper
56	100		
69	167.9	25.3	37.9#
84	132.5	71.4	107.0#



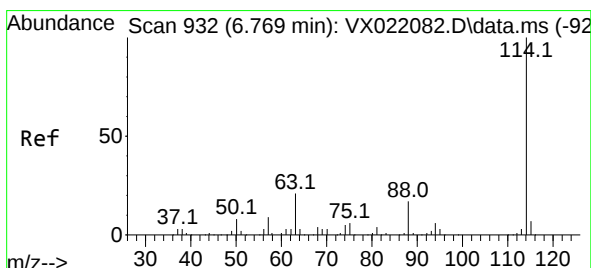
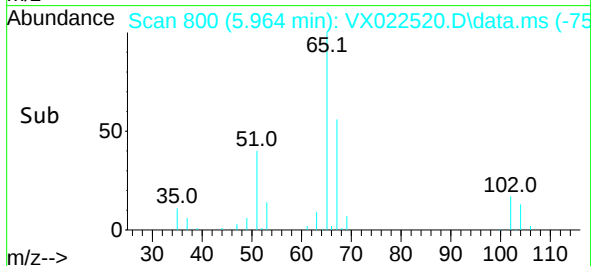
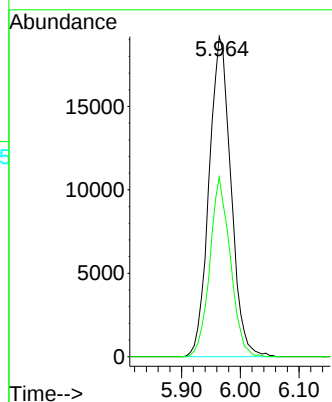
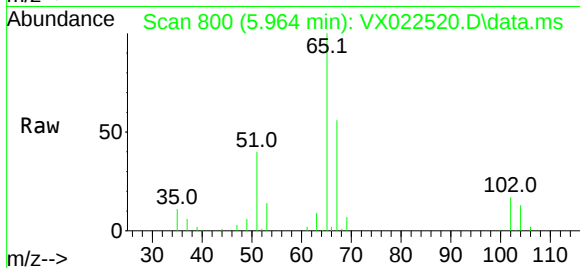


#33

1,2-Dichloroethane-d4
Concen: 55.035 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

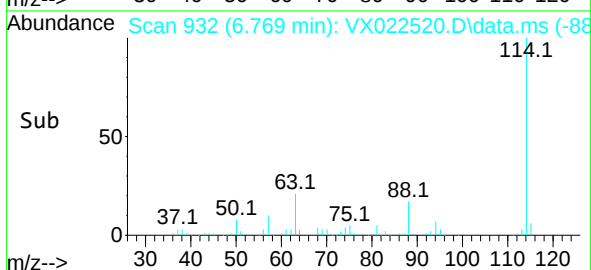
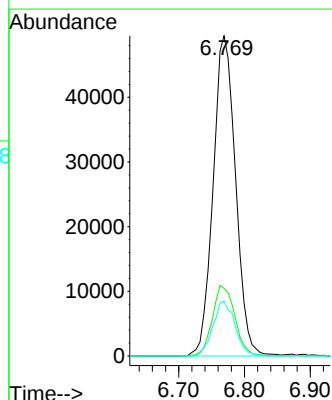
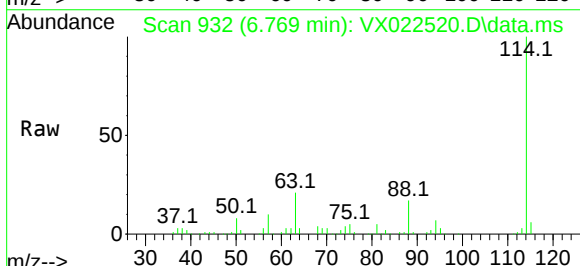
Tgt Ion: 65 Resp: 49657
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4



#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Tgt Ion: 114 Resp: 117477
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.459 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022520.D

Acq: 07 Jun 2021 08:38

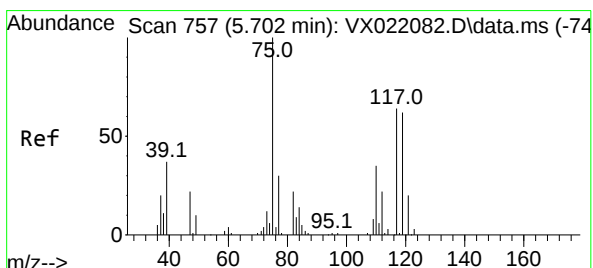
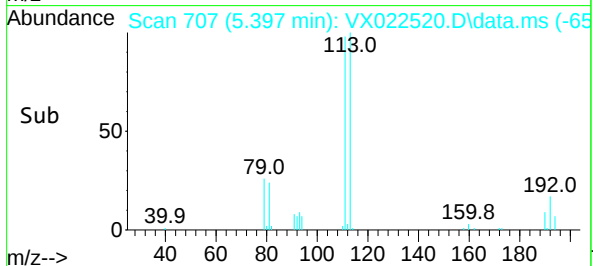
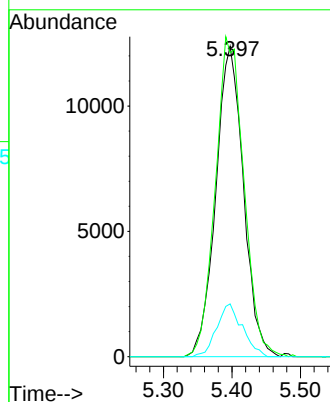
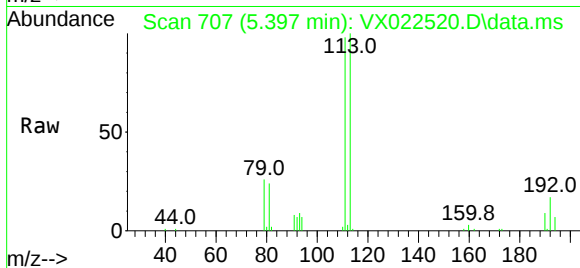
Tgt Ion:113 Resp: 34611

Ion Ratio Lower Upper

113 100

111 106.3 81.9 122.9

192 15.9 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.403 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022520.D

Acq: 07 Jun 2021 08:38

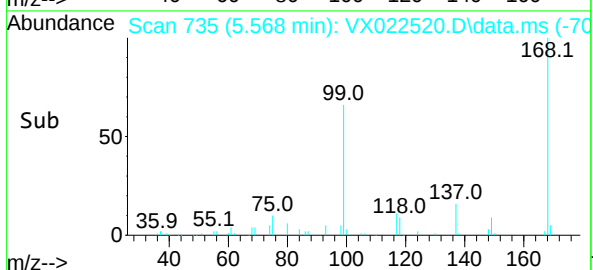
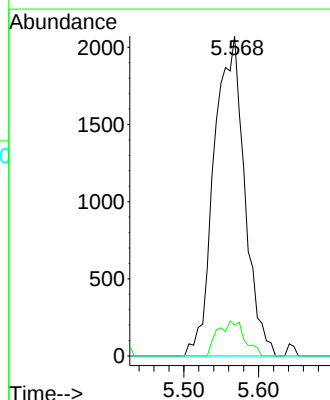
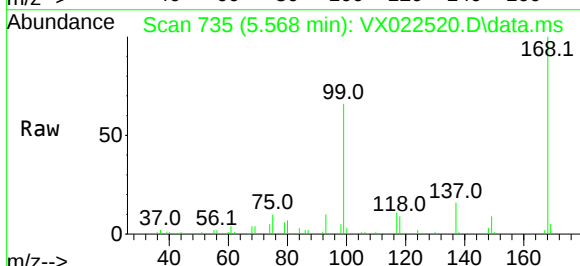
Tgt Ion: 75 Resp: 5869

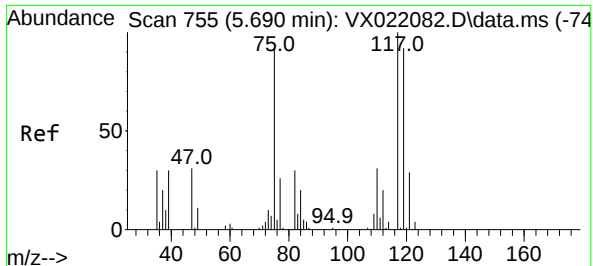
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

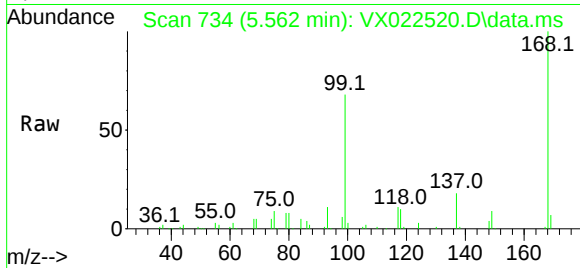
77 0.0 25.3 37.9#



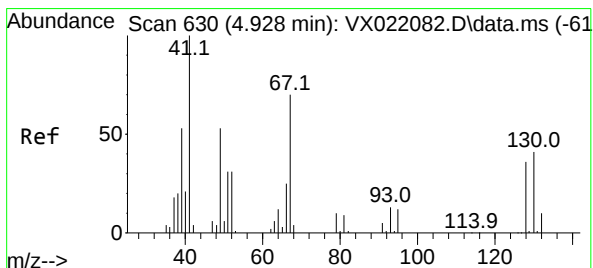
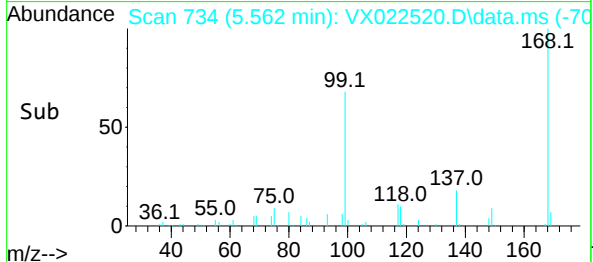
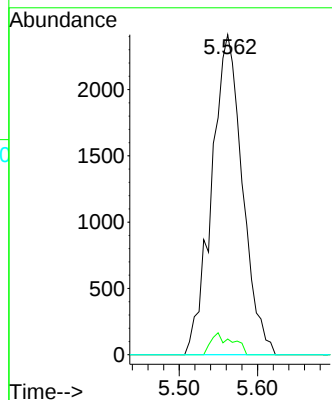


#38
Carbon Tetrachloride
Concen: 6.204 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

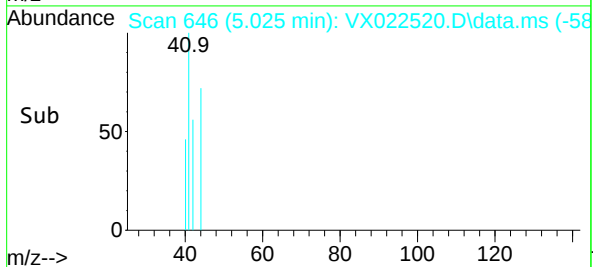
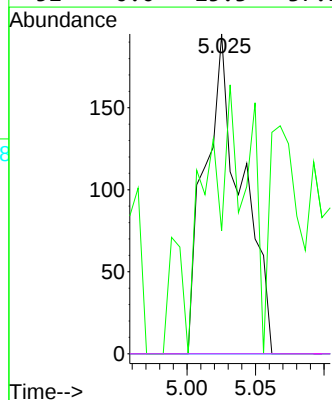
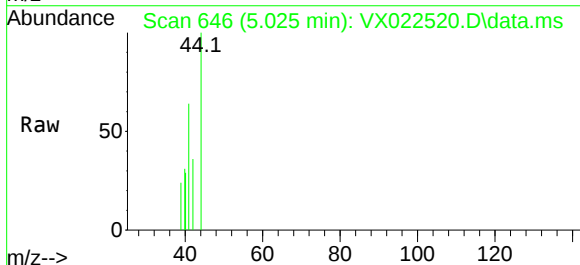


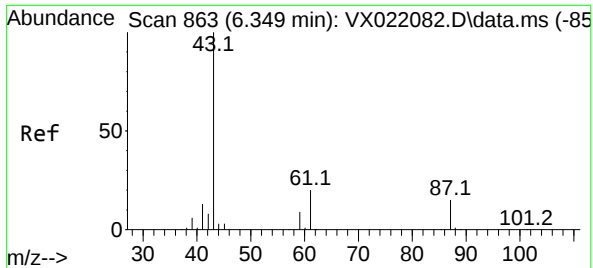
Tgt Ion:117 Resp: 6593
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.510 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Tgt Ion: 41 Resp: 363
Ion Ratio Lower Upper
41 100
39 41.9 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

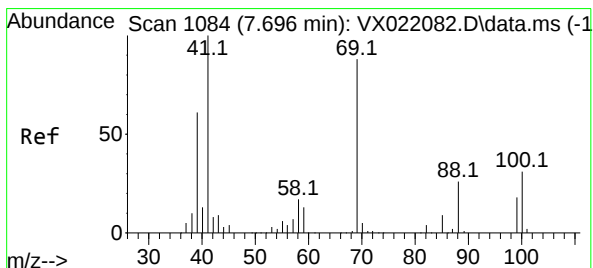
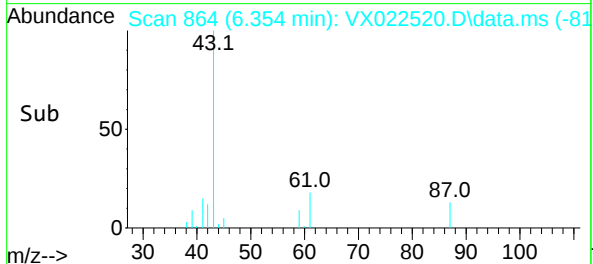
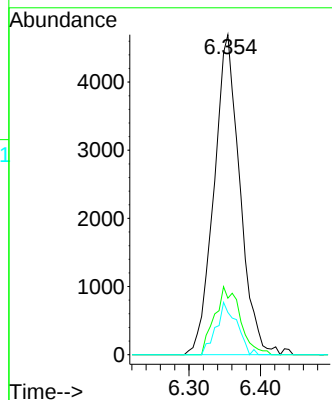
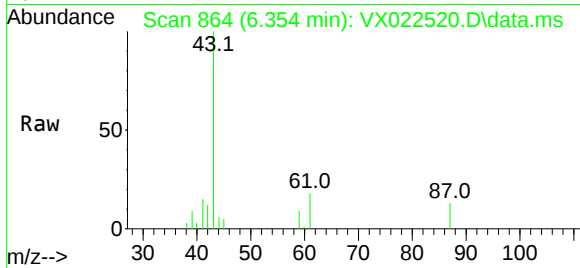




#43
Isopropyl Acetate
Concen: 5.408 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

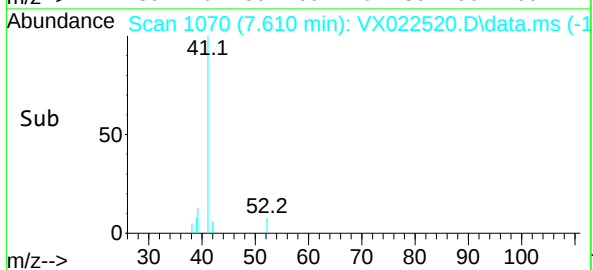
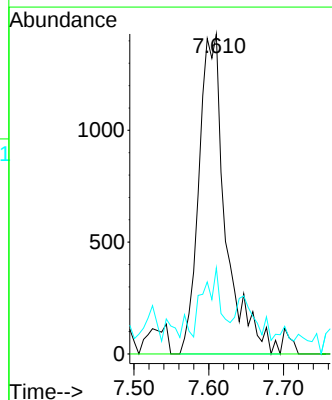
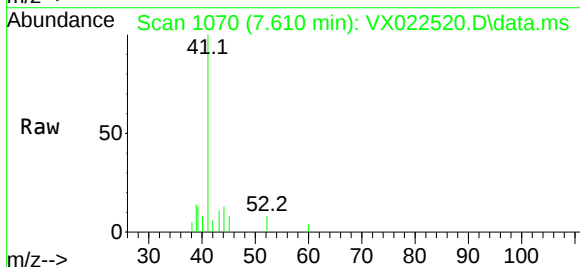
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

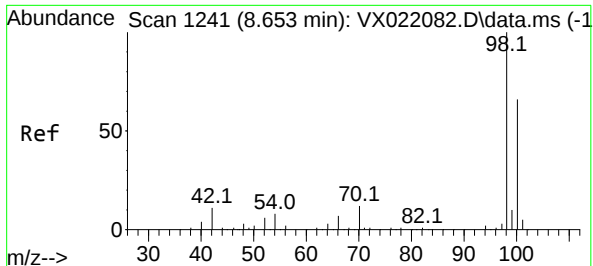
Tgt Ion: 43 Resp: 11780
Ion Ratio Lower Upper
43 100
61 20.9 18.2 27.4
87 12.9 12.5 18.7



#48
Methyl methacrylate
Concen: 3.535 ug/l
RT: 7.610 min Scan# 1070
Delta R.T. -0.086 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Tgt Ion: 41 Resp: 3548
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

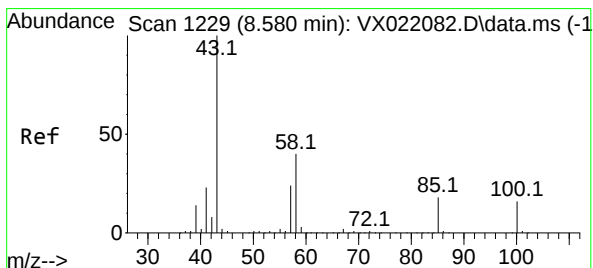
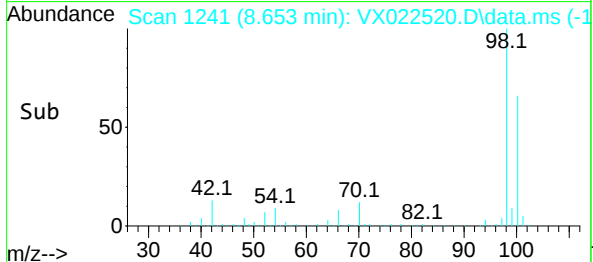
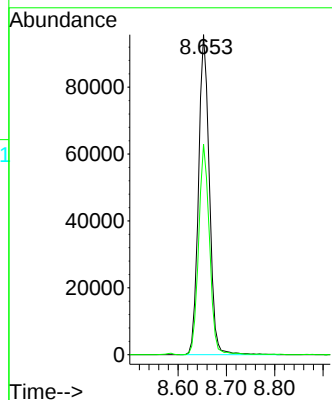
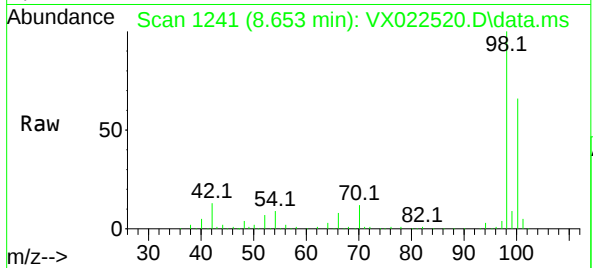




#50
Toluene-d8
Concen: 51.734 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

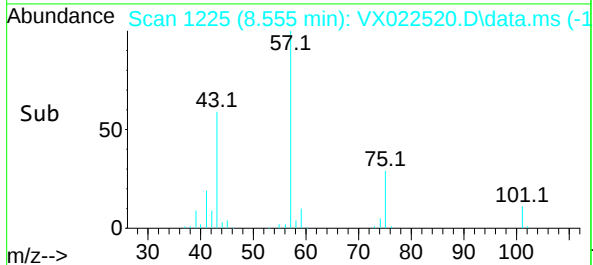
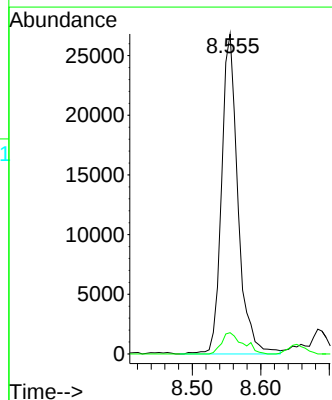
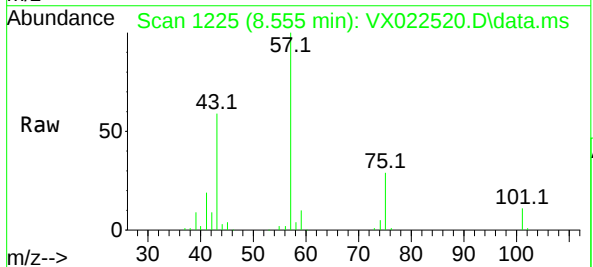
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

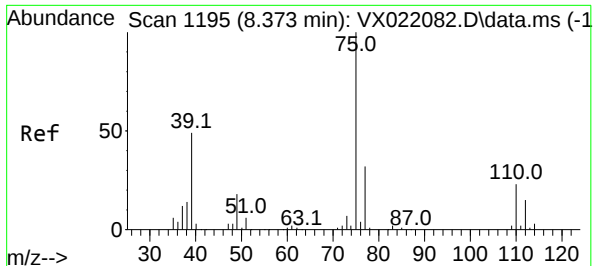
Tgt Ion: 98 Resp: 148465
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 33.944 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Tgt Ion: 43 Resp: 44287
Ion Ratio Lower Upper
43 100
58 8.7 35.4 53.0#

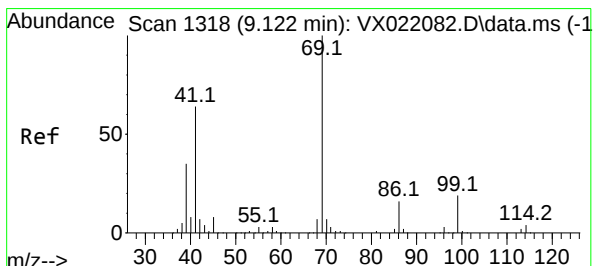
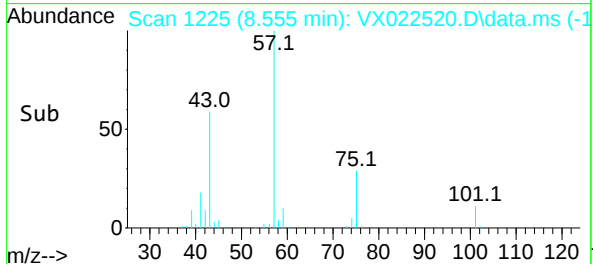
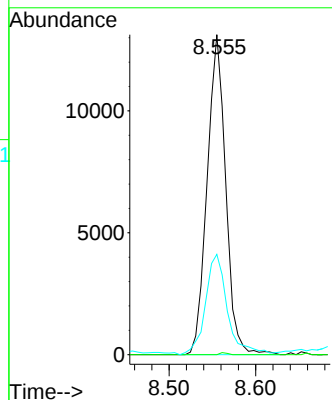
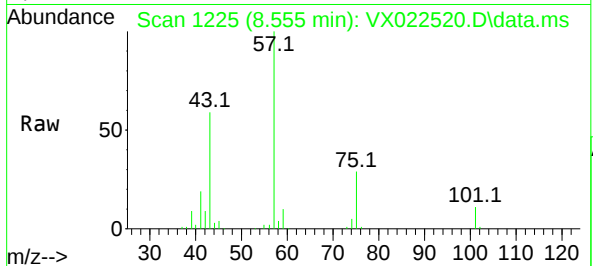




#54
 cis-1,3-Dichloropropene
 Concen: 13.606 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022520.D
 Acq: 07 Jun 2021 08:38

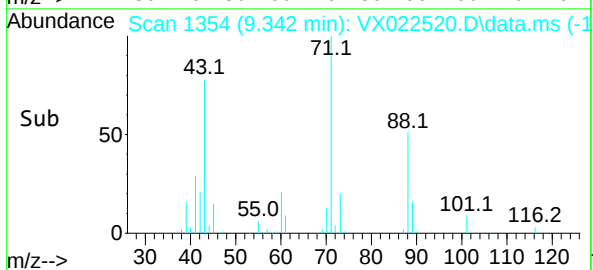
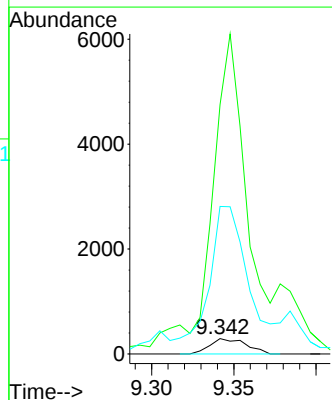
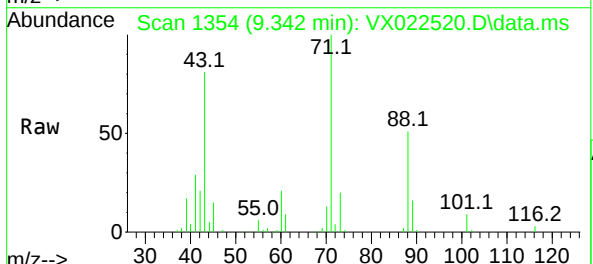
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#14

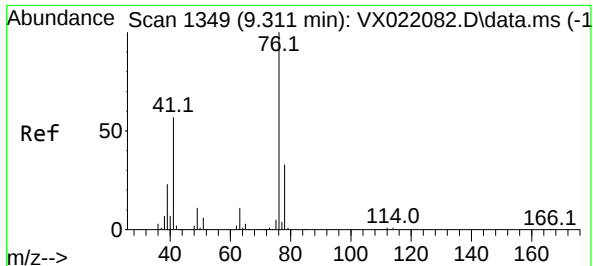
Tgt Ion: 75 Resp: 19545
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 31.3 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 0.324 ug/l
 RT: 9.342 min Scan# 1354
 Delta R.T. 0.220 min
 Lab File: VX022520.D
 Acq: 07 Jun 2021 08:38

Tgt Ion: 69 Resp: 450
 Ion Ratio Lower Upper
 69 100
 41 1860.7 46.8 70.2#
 39 830.0 24.7 37.1#



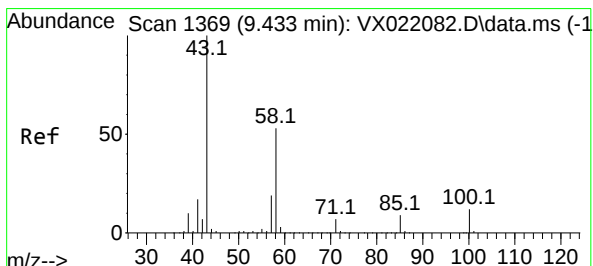
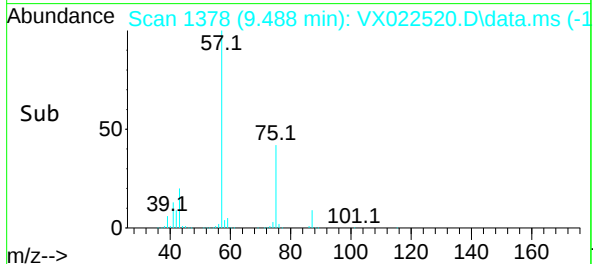
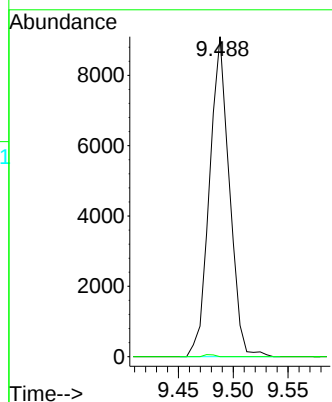
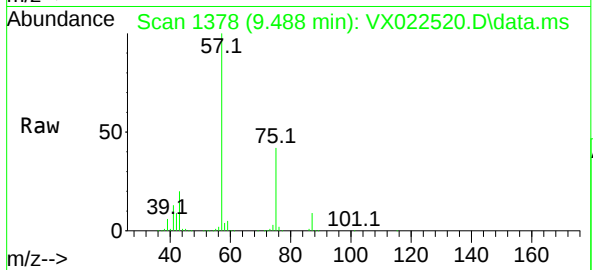


#57

1,3-Dichloropropane
Concen: 7.823 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

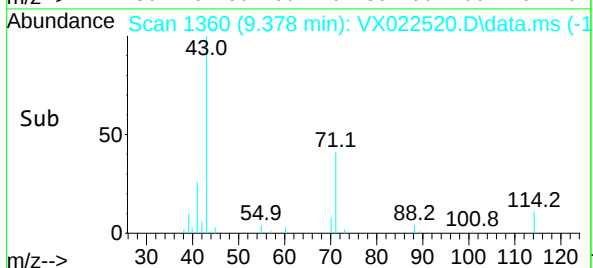
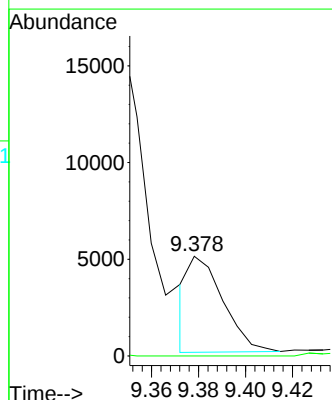
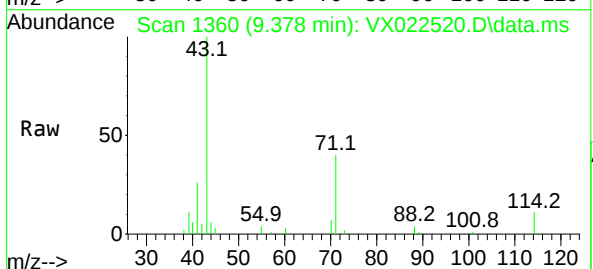
Tgt Ion: 76 Resp: 11477
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

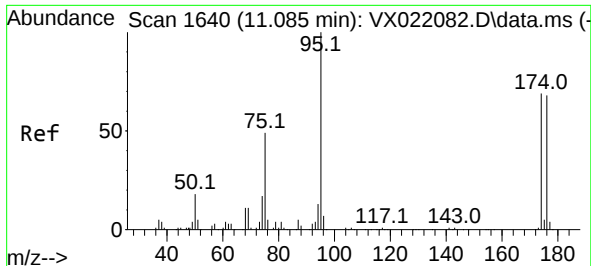


#59

2-Hexanone
Concen: 5.183 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Tgt Ion: 43 Resp: 5086
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

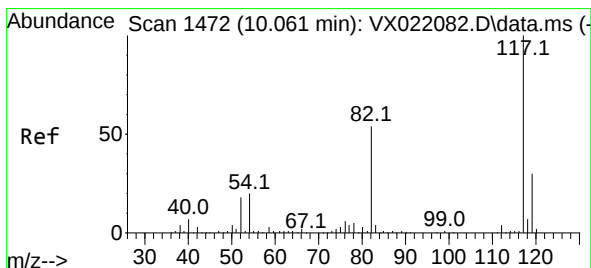
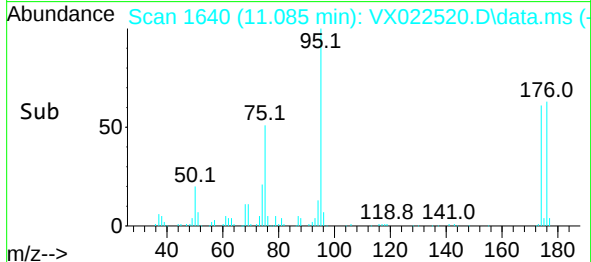
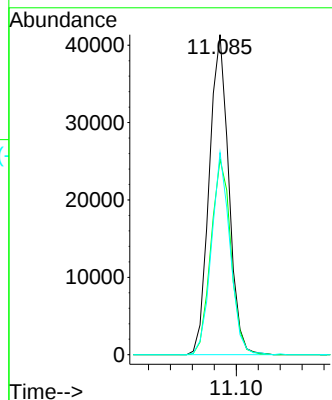
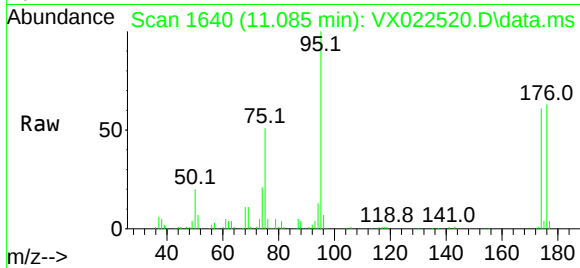




#62
4-Bromofluorobenzene
Concen: 48.081 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

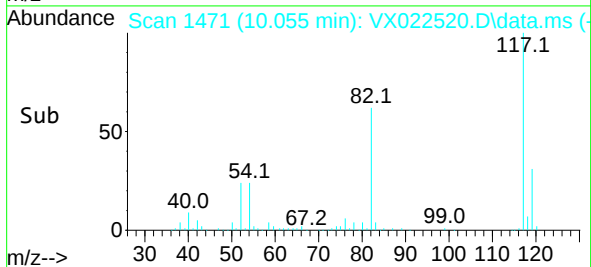
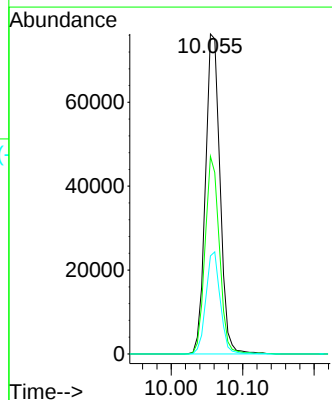
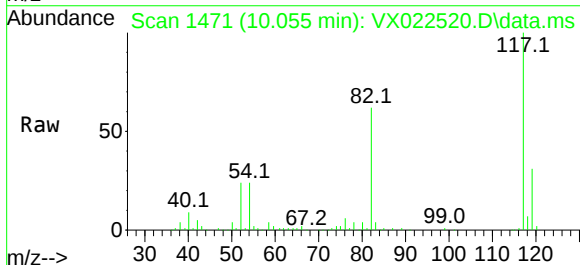
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

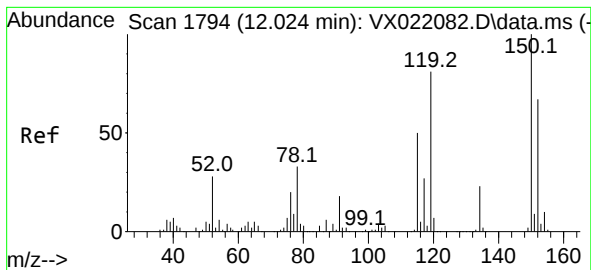
Tgt Ion: 95 Resp: 51000
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 60.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Tgt Ion: 117 Resp: 108095
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 30.6 26.6 39.8

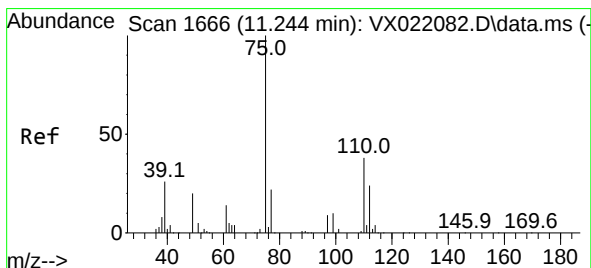
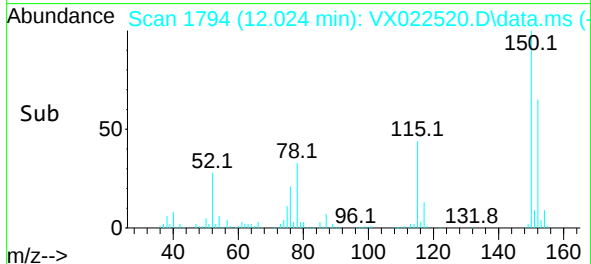
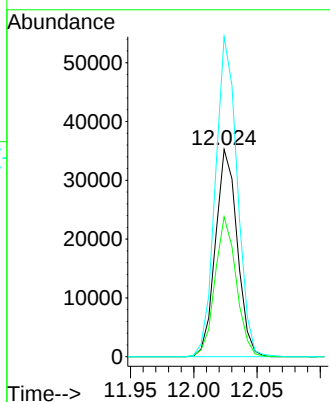
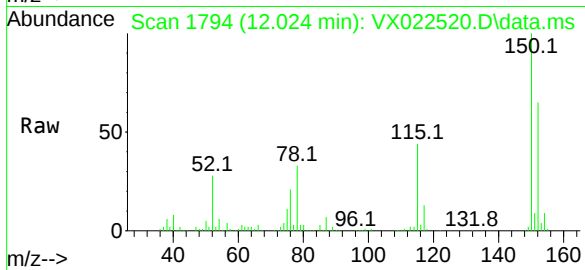




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022520.D
 Acq: 07 Jun 2021 08:38

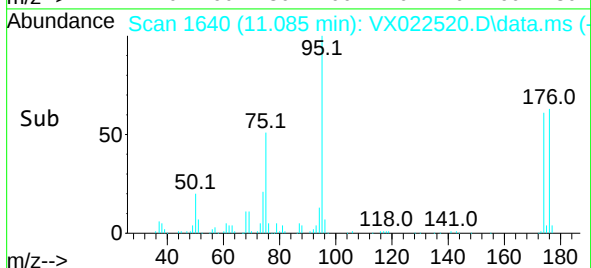
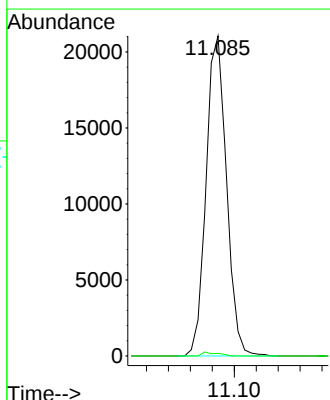
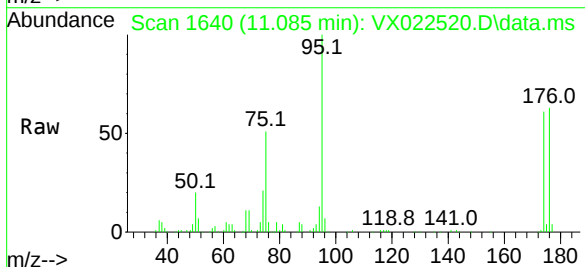
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#14

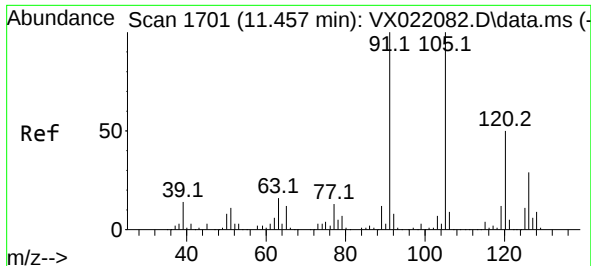
Tgt Ion:152 Resp: 42104
 Ion Ratio Lower Upper
 152 100
 115 66.1 41.1 123.3
 150 154.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.197 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022520.D
 Acq: 07 Jun 2021 08:38

Tgt Ion: 75 Resp: 27211
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

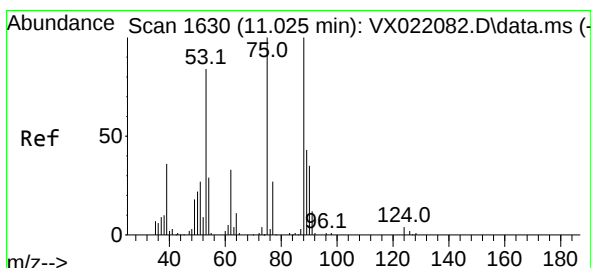
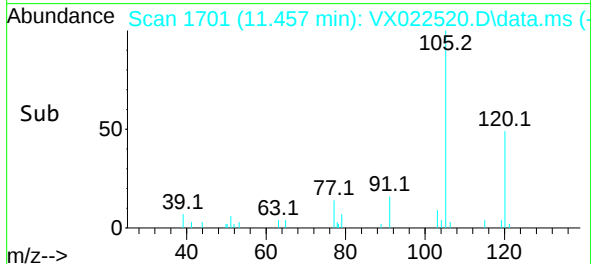
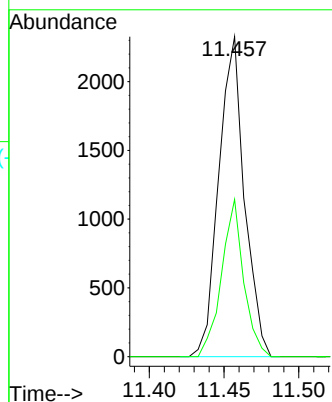
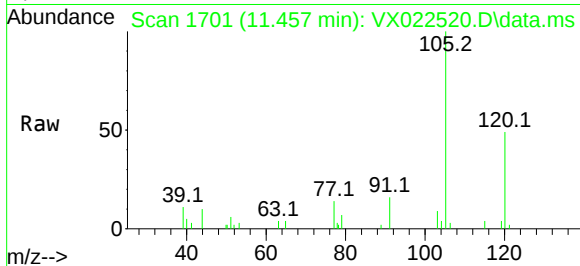




#80
1,3,5-Trimethylbenzene
Concen: 0.939 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#14

Tgt Ion:105 Resp: 2772
Ion Ratio Lower Upper
105 100
120 42.5 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.070 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022520.D
Acq: 07 Jun 2021 08:38

Tgt Ion: 75 Resp: 27211
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

