

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022516.D
 Acq On : 07 Jun 2021 07:04
 Operator : JC/MD
 Sample : PB136857ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#10

Quant Time: Jun 07 08:35:22 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)

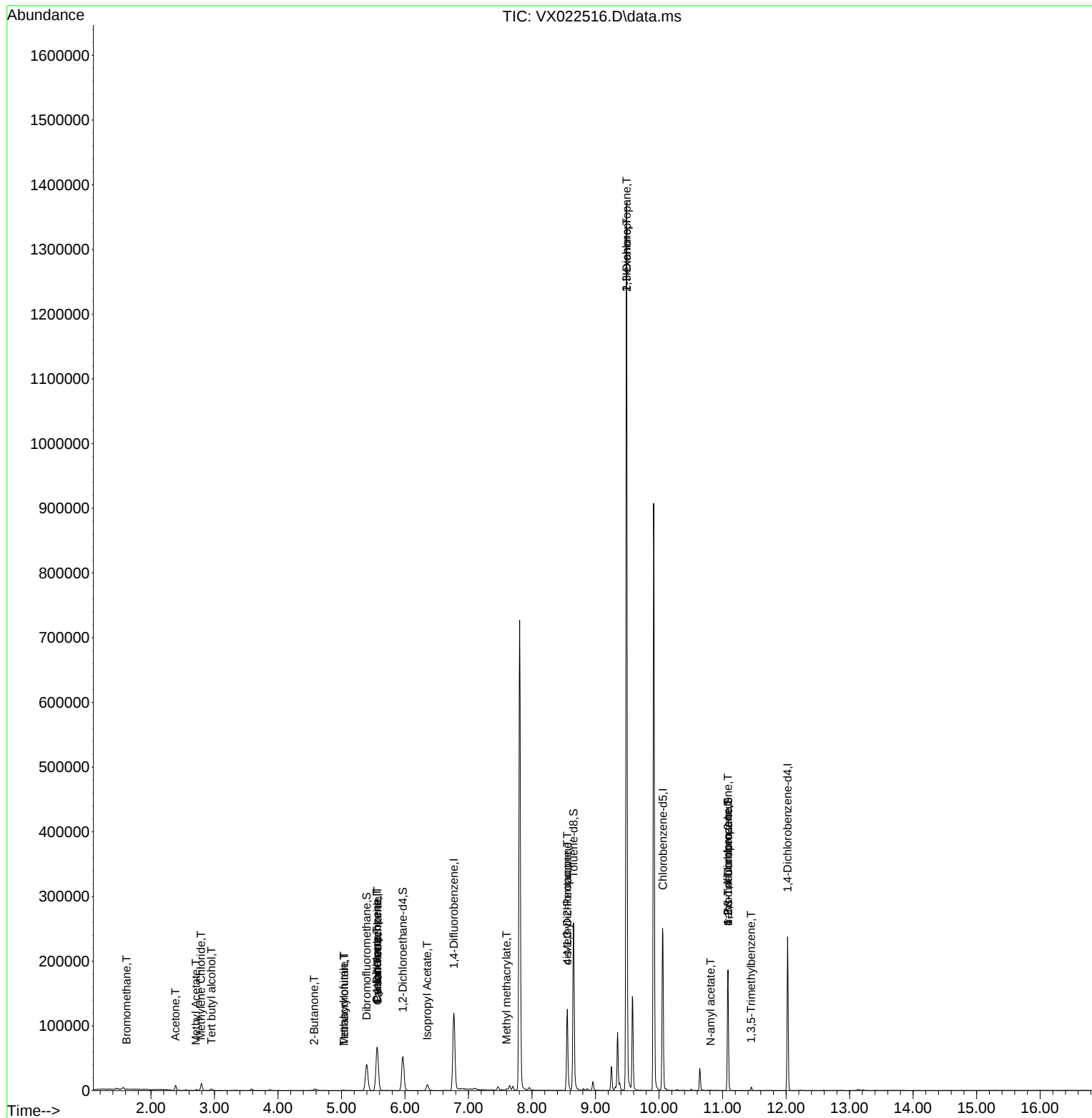
Internal Standards						
1) Pentafluorobenzene	5.562	168	57197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	118828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	107349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47891	54.280	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.560%
35) Dibromofluoromethane	5.397	113	34596	45.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.820%
50) Toluene-d8	8.653	98	145723	50.201	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.085	95	50836	47.381	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	130	0.281	ug/l #	2
11) Tert butyl alcohol	2.953	59	1499	7.428	ug/l #	73
16) Acetone	2.386	43	8530	22.203	ug/l	90
18) Methyl Acetate	2.709	43	1603	1.569	ug/l #	84
20) Methylene Chloride	2.788	84	4574	5.362	ug/l	87
25) 2-Butanone	4.568	43	2117	3.406	ug/l #	73
29) Tetrahydrofuran	5.038	42	494	1.335	ug/l #	31
31) Cyclohexane	5.556	56	1532	1.382	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	5568	5.067	ug/l #	45
38) Carbon Tetrachloride	5.568	117	6885	6.405	ug/l #	16
41) Methacrylonitrile	5.044	41	323	0.448	ug/l #	36
43) Isopropyl Acetate	6.348	43	12233	5.552	ug/l	92
48) Methyl methacrylate	7.598	41	3996	3.936	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	44401	33.644	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	19679	13.544	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	11590	7.810	ug/l #	42
59) 2-Hexanone	9.488	43	158766	159.953	ug/l #	44
74) N-amyl acetate	10.811	43	367	0.220	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	26376	25.790	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	2332	0.802	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.085	75	26376	61.105	ug/l #	12

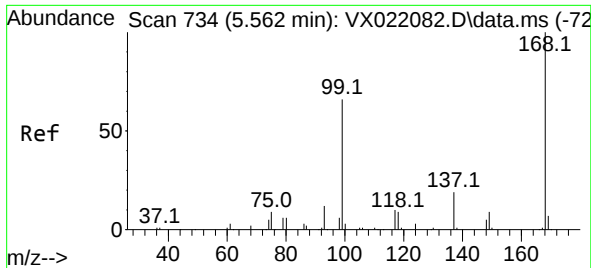
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
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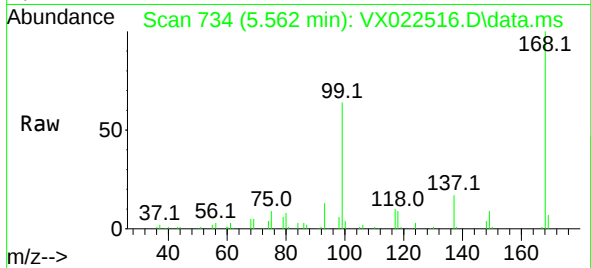
Quant Time: Jun 07 08:35:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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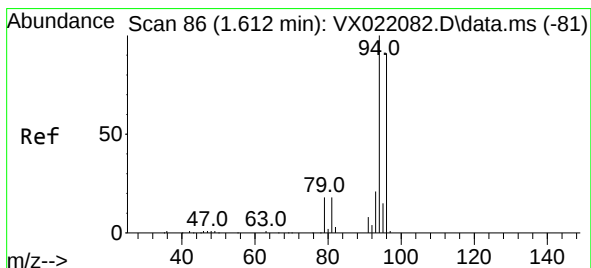
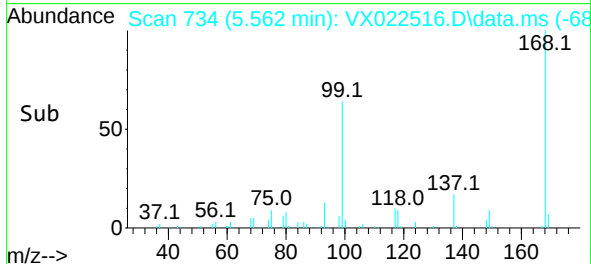
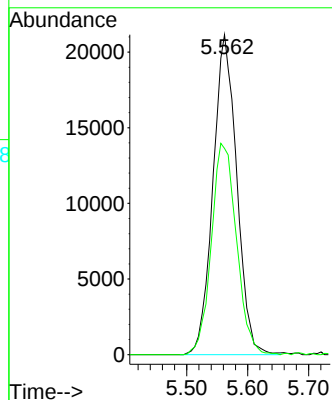


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

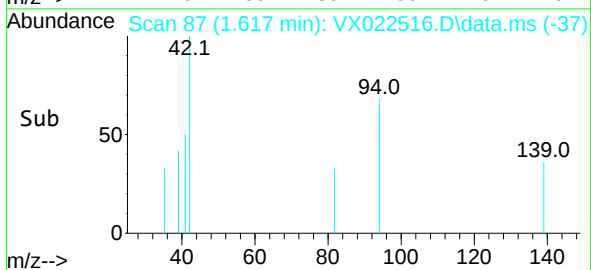
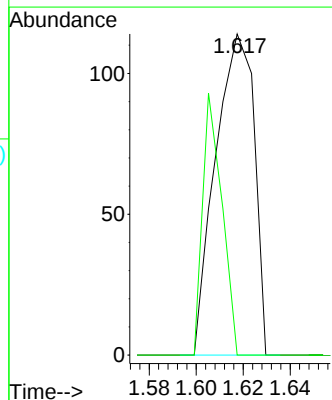
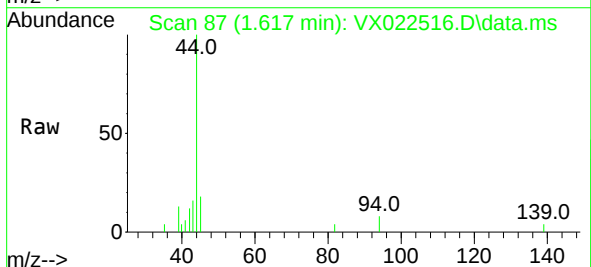


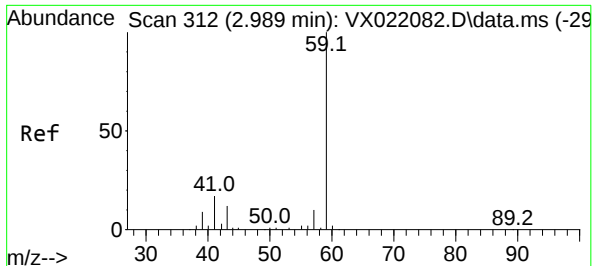
Tgt Ion:168 Resp: 57197
Ion Ratio Lower Upper
168 100
99 64.4 45.8 68.6



#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



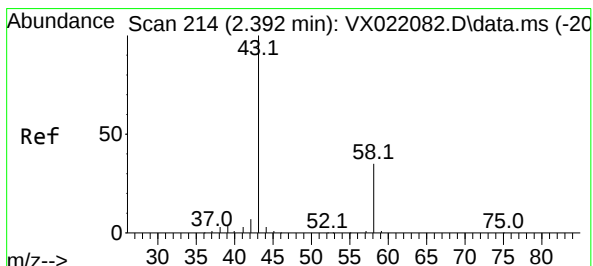
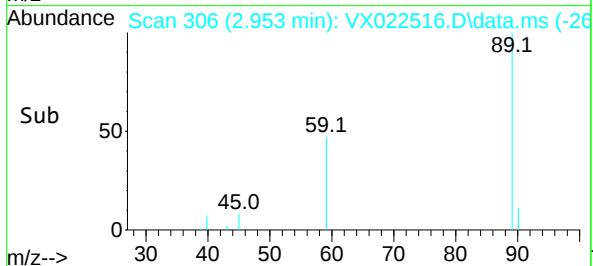
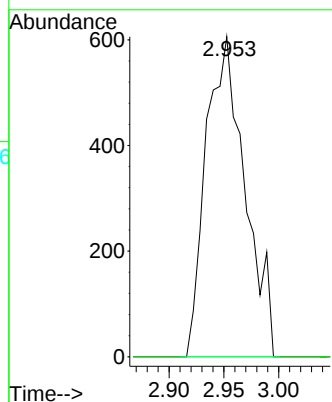
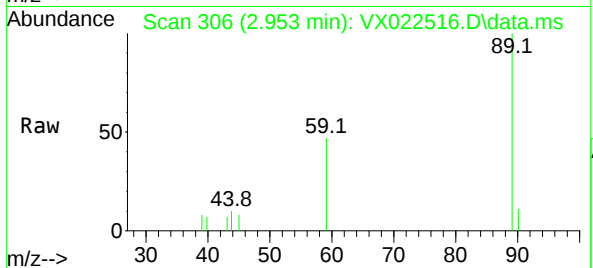


#11

Tert butyl alcohol
Concen: 7.428 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

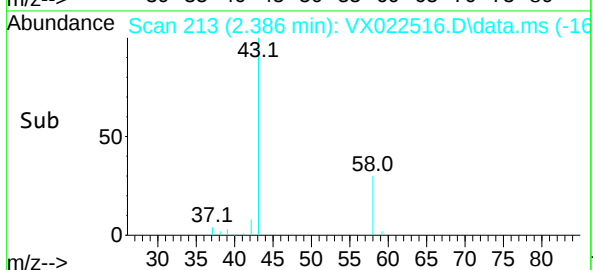
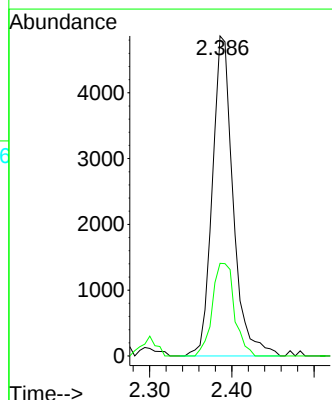
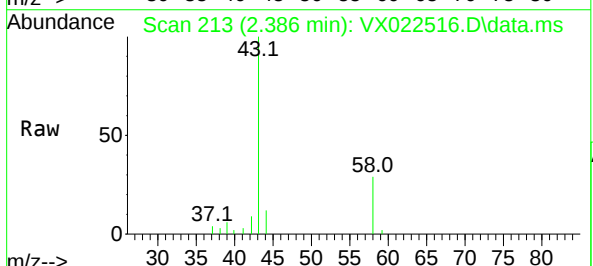
Tgt Ion: 59 Resp: 1499
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

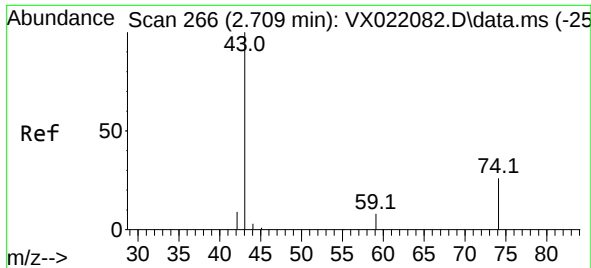


#16

Acetone
Concen: 22.203 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 43 Resp: 8530
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8

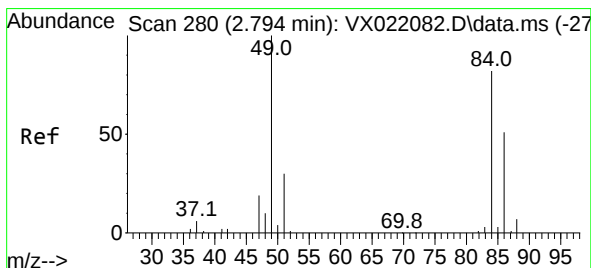
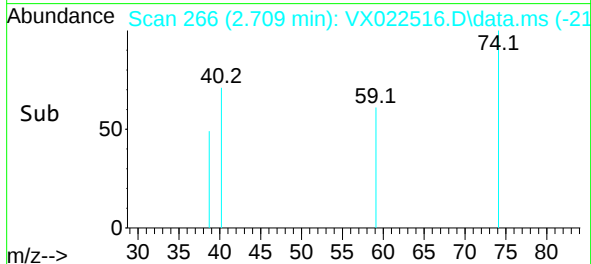
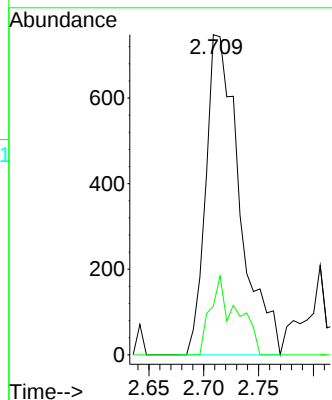
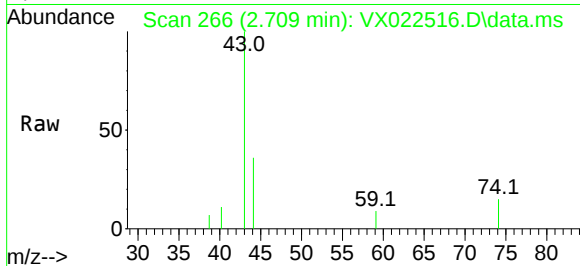




#18
Methyl Acetate
Concen: 1.569 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

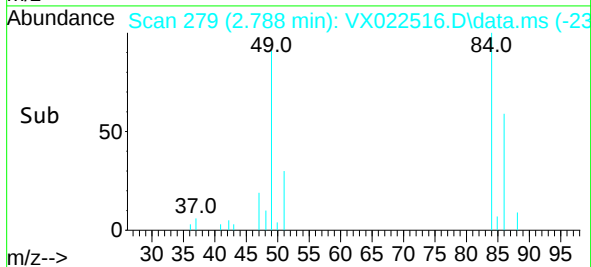
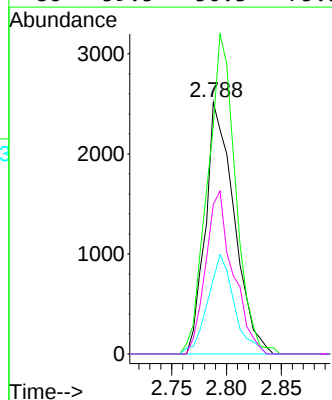
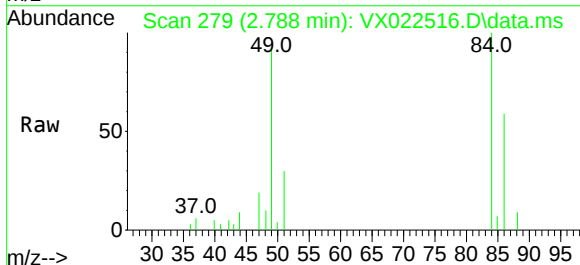
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

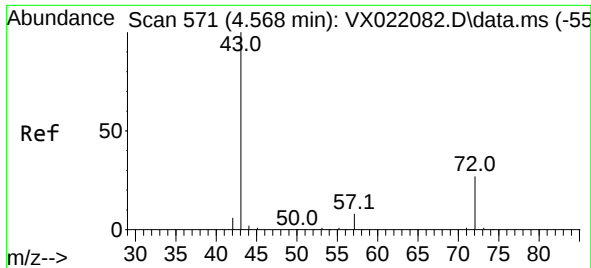
Tgt Ion: 43 Resp: 1603
Ion Ratio Lower Upper
43 100
74 19.2 21.9 32.9#



#20
Methylene Chloride
Concen: 5.362 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 84 Resp: 4574
Ion Ratio Lower Upper
84 100
49 90.7 88.6 132.8
51 29.7 27.0 40.6
86 59.5 50.3 75.5

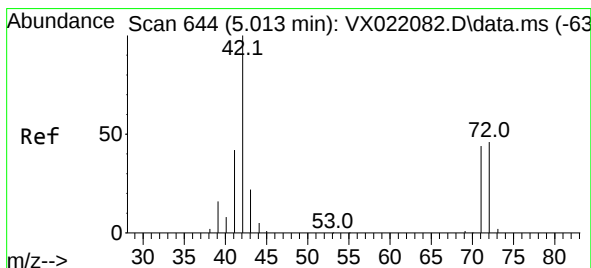
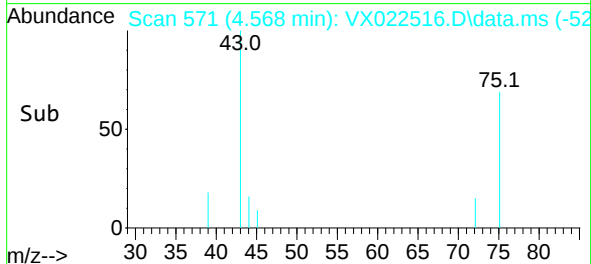
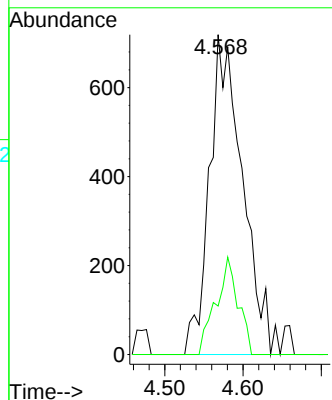
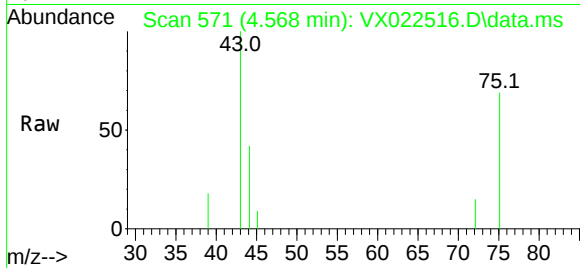




#25
2-Butanone
Concen: 3.406 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

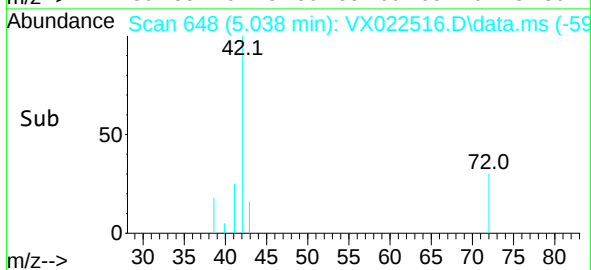
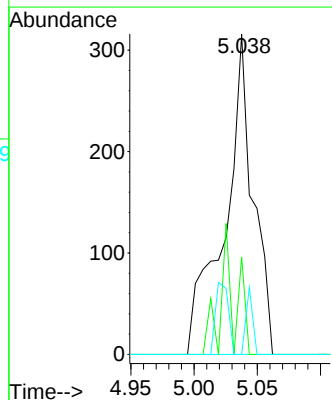
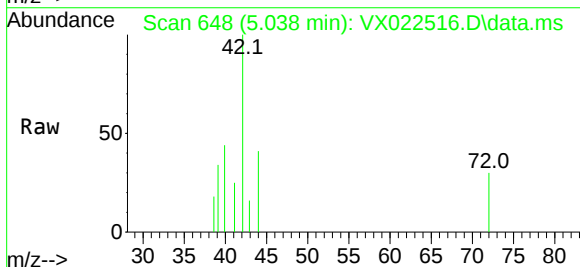
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

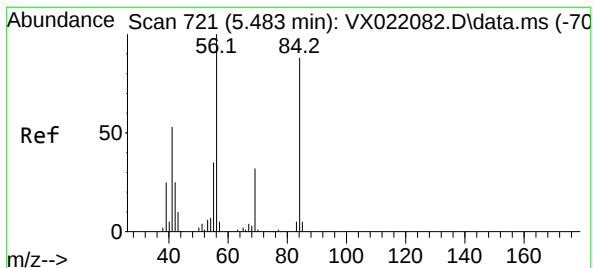
Tgt Ion: 43 Resp: 2117
Ion Ratio Lower Upper
43 100
72 15.2 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.335 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 42 Resp: 494
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 4.9 38.4 57.6#





#31

Cyclohexane

Concen: 1.382 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.073 min

Lab File: VX022516.D

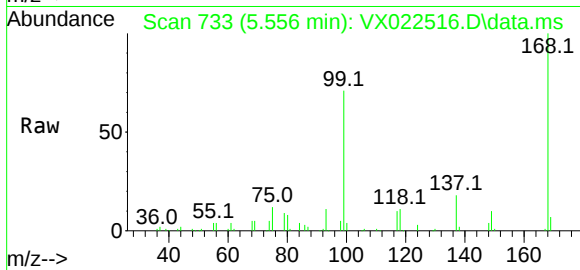
Acq: 07 Jun 2021 07:04

Instrument :

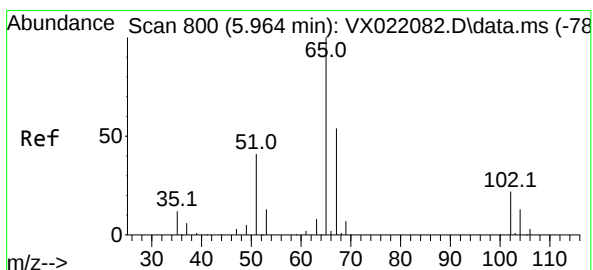
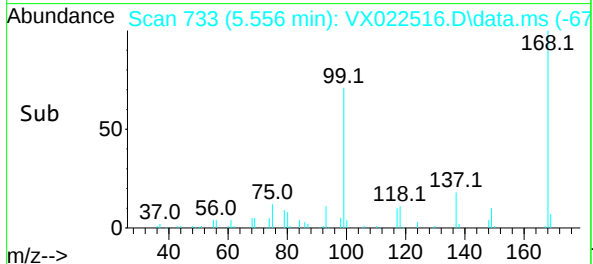
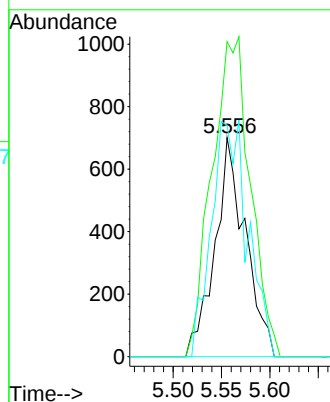
MSVOA_X

ClientSampleId :

PB136857ZHE#10



Tgt Ion:	56	Resp:	1532
Ion	Ratio	Lower	Upper
56	100		
69	143.8	25.3	37.9#
84	105.7	71.4	107.0



#33

1,2-Dichloroethane-d4

Concen: 54.280 ug/l

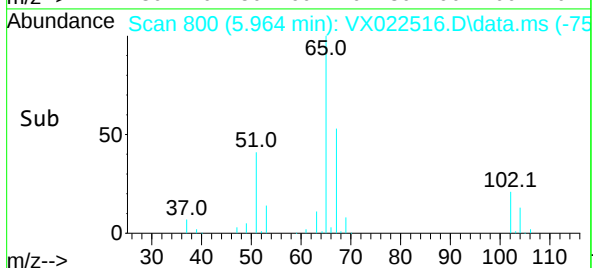
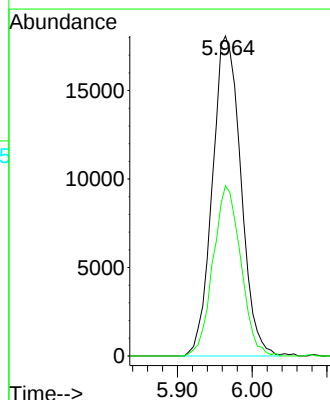
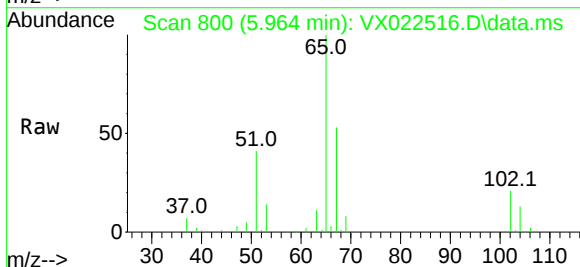
RT: 5.964 min Scan# 800

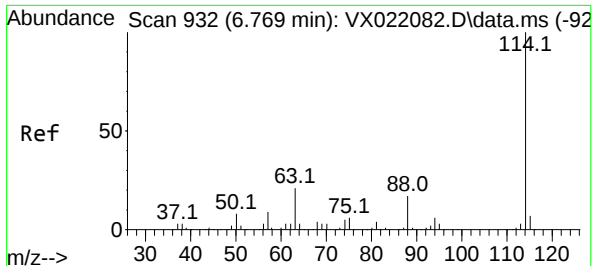
Delta R.T. 0.000 min

Lab File: VX022516.D

Acq: 07 Jun 2021 07:04

Tgt Ion:	65	Resp:	47891
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.4

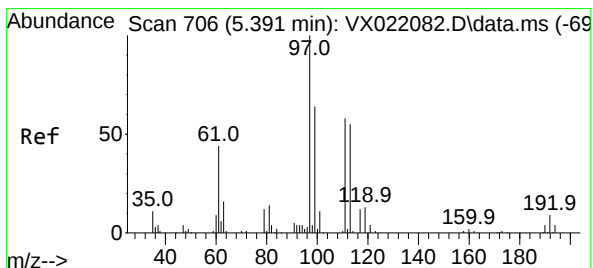
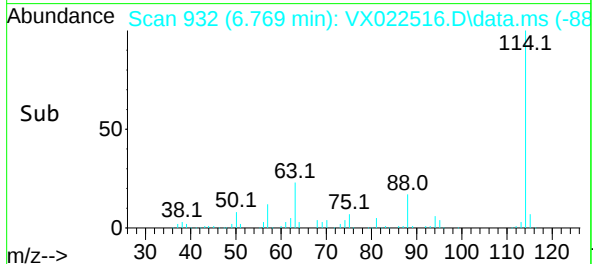
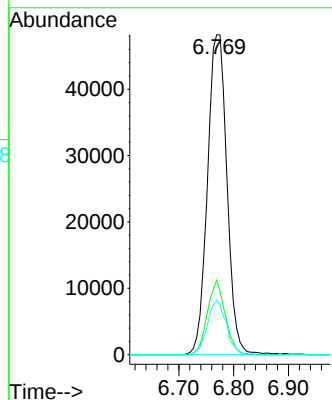
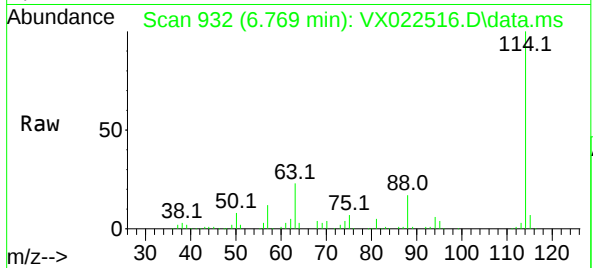




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

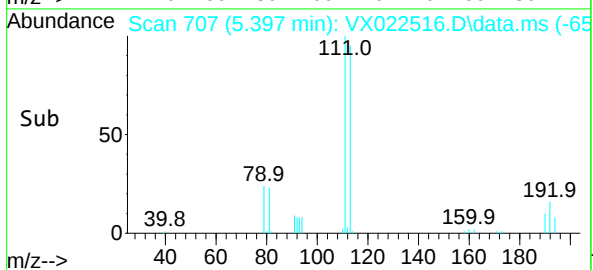
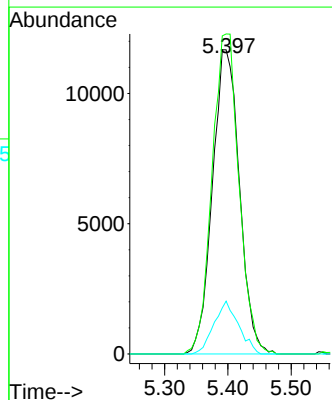
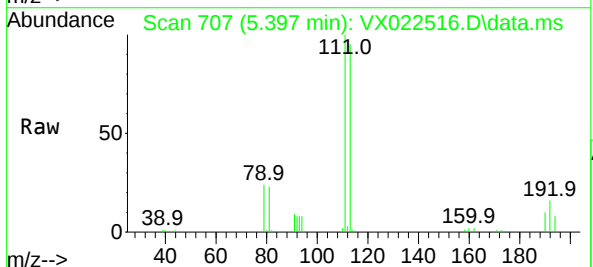
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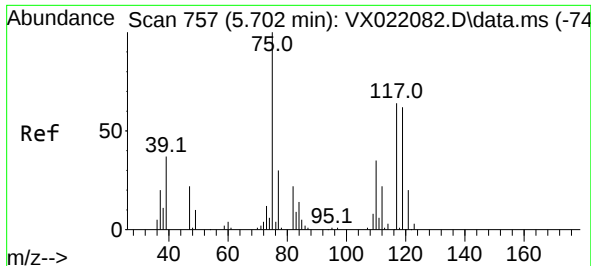
Tgt Ion:114 Resp: 118828
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.911 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

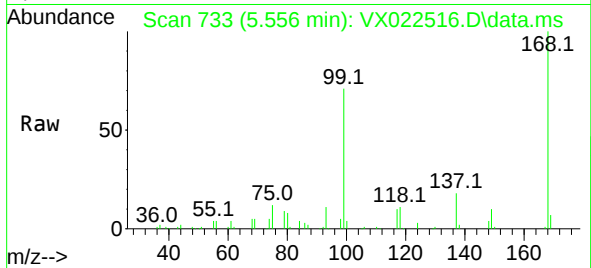
Tgt Ion:113 Resp: 34596
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 15.9 16.7 25.1#



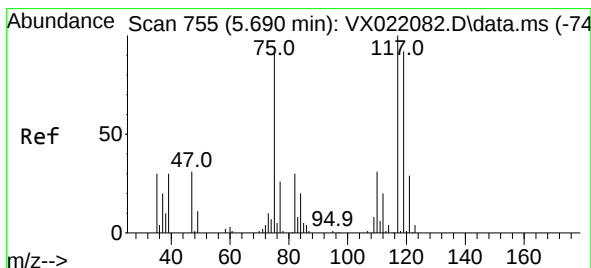
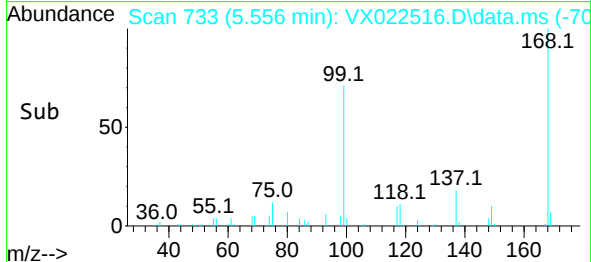
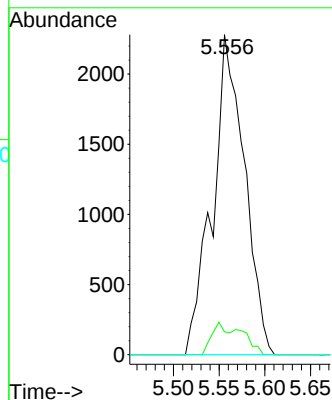


#36
1,1-Dichloropropene
Concen: 5.067 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Instrument :
MSVOA_X
ClientSampleId :
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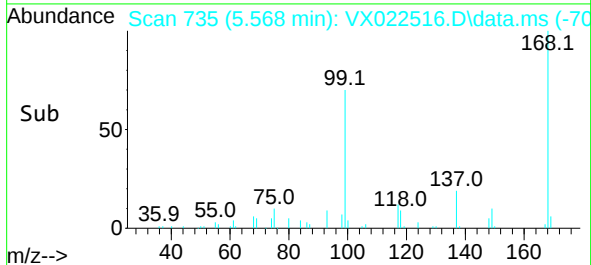
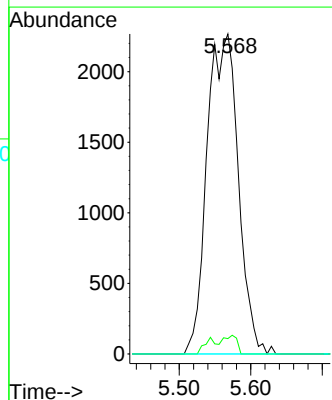
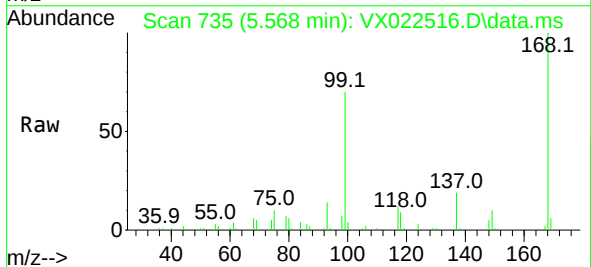


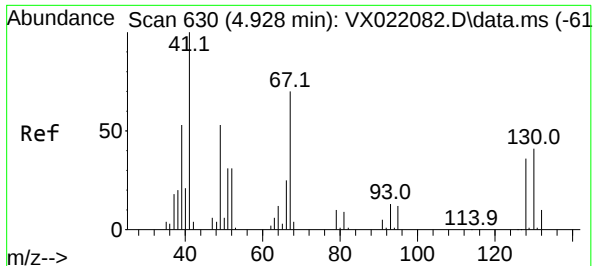
Tgt Ion: 75 Resp: 5568
Ion Ratio Lower Upper
75 100
110 5.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 117 Resp: 6885
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

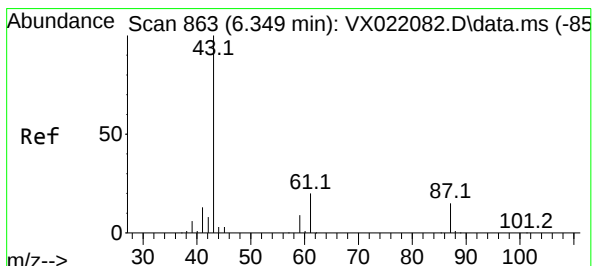
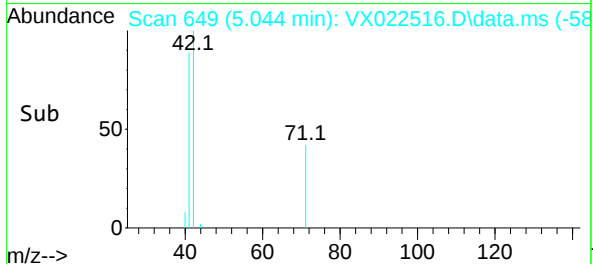
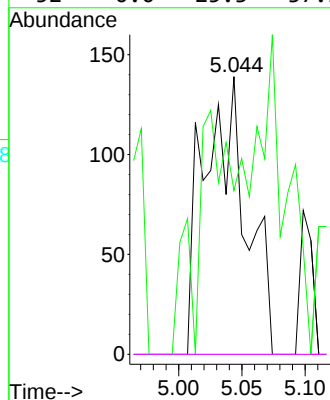
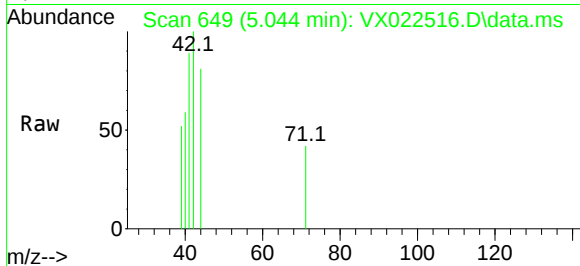




#41
Methacrylonitrile
Concen: 0.448 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

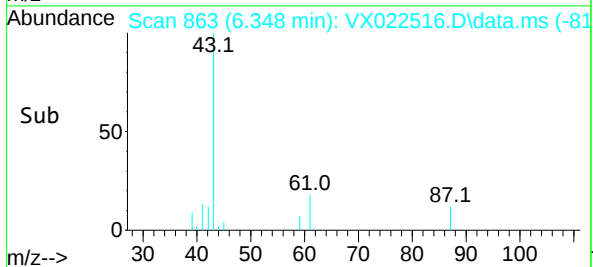
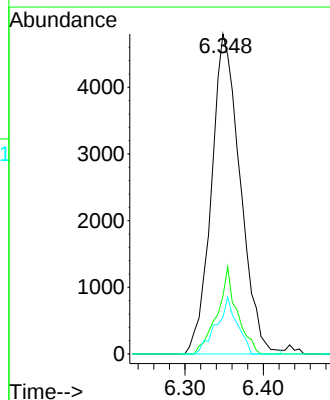
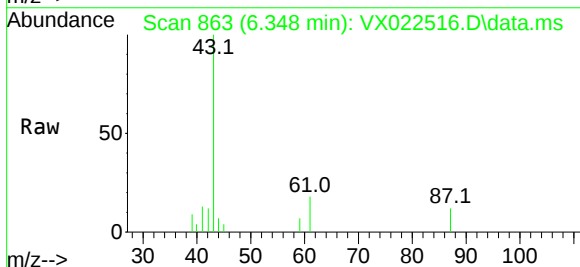
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

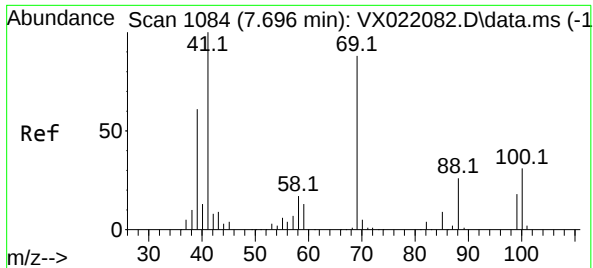
Tgt Ion:	41	Resp:	323
Ion	Ratio	Lower	Upper
41	100		
39	71.8	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 5.552 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion:	43	Resp:	12233
Ion	Ratio	Lower	Upper
43	100		
61	18.7	18.2	27.4
87	12.8	12.5	18.7

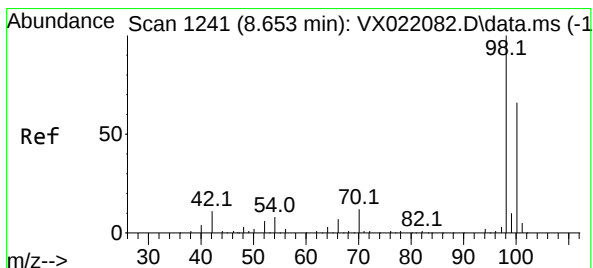
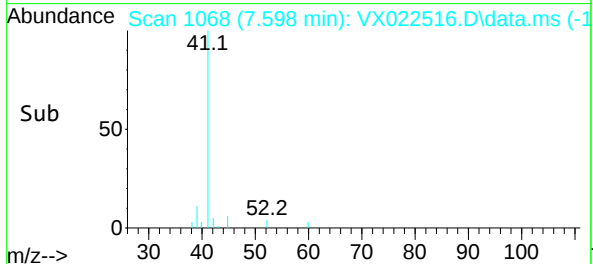
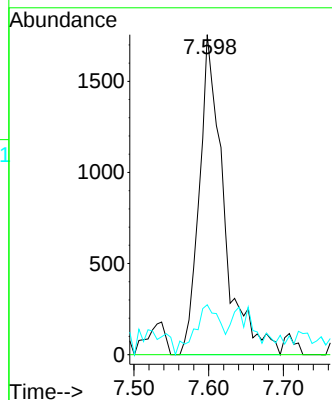
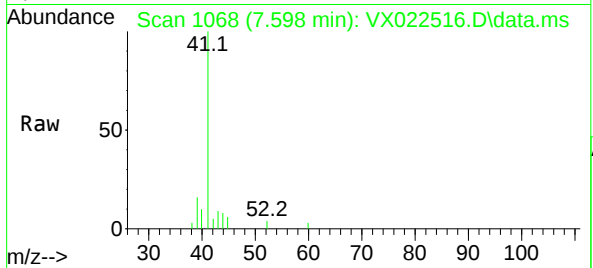




#48
Methyl methacrylate
Concen: 3.936 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

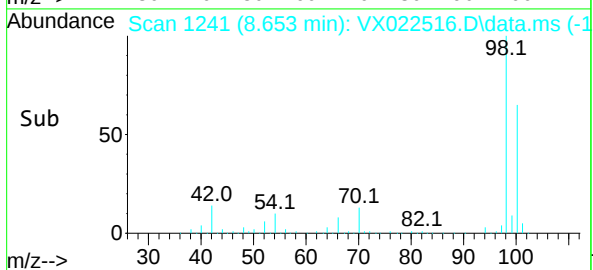
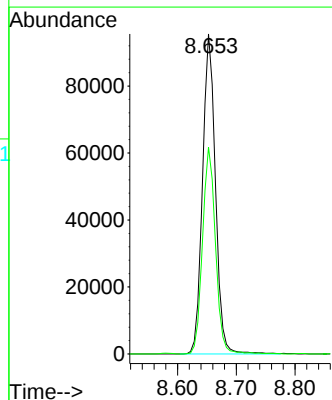
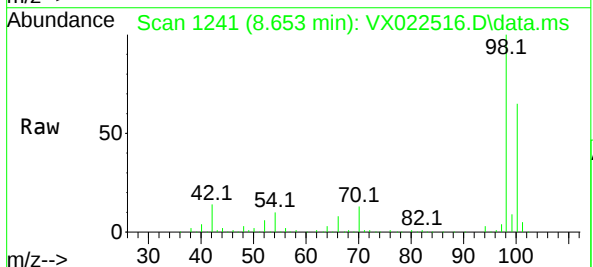
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

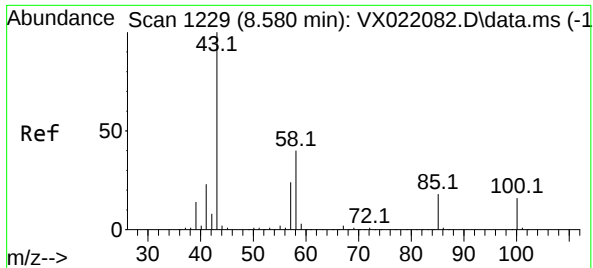
Tgt Ion: 41 Resp: 3996
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.201 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 98 Resp: 145723
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

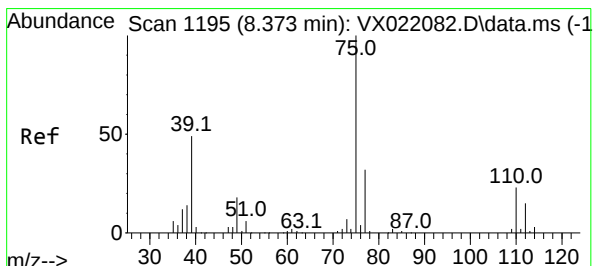
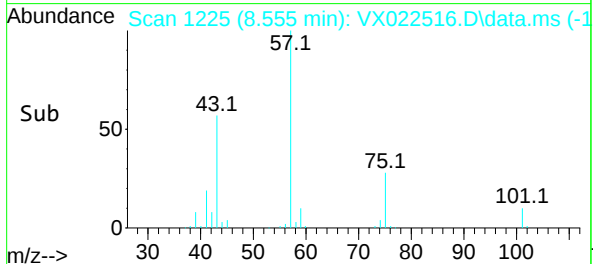
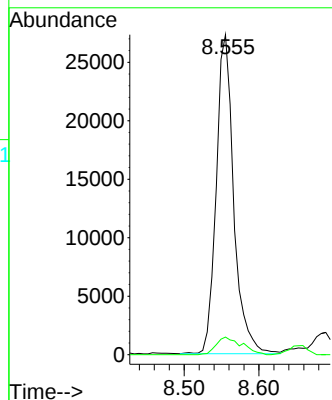
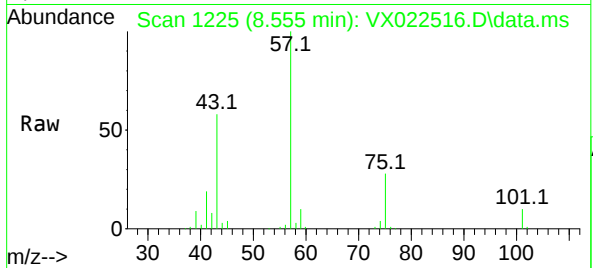




#51
4-Methyl-2-Pentanone
Concen: 33.644 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

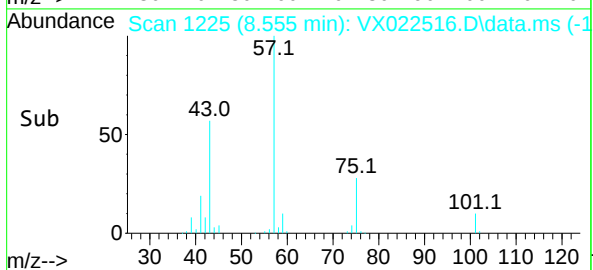
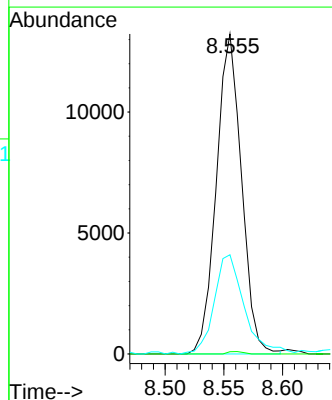
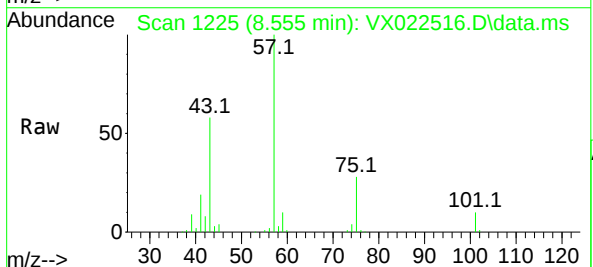
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

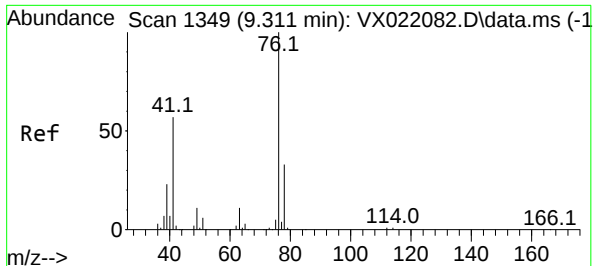
Tgt Ion: 43 Resp: 44401
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.544 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 75 Resp: 19679
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 31.0 35.1 52.7#



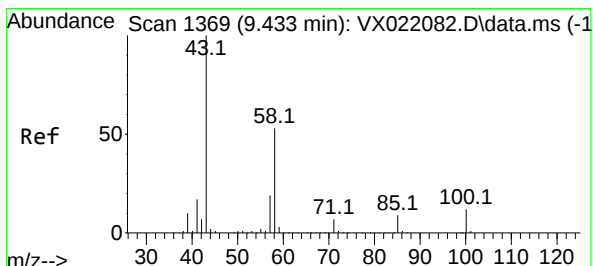
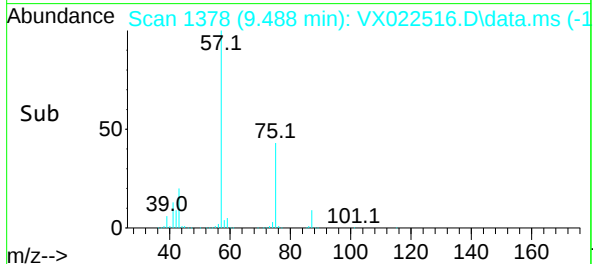
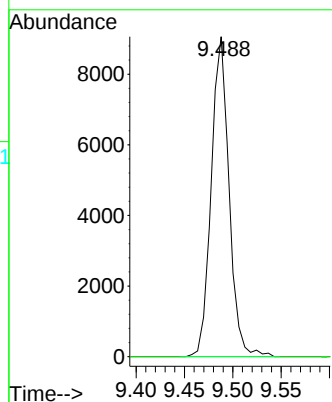
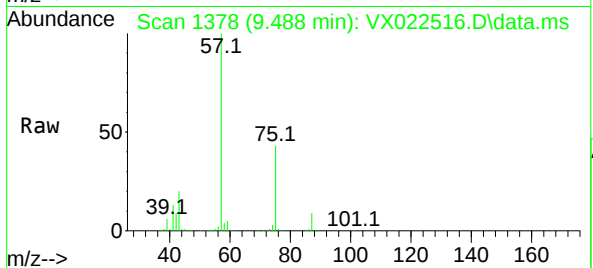


#57

1,3-Dichloropropane
Concen: 7.810 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

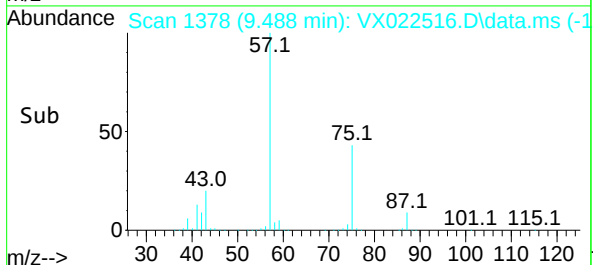
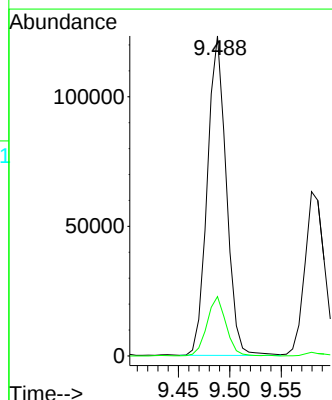
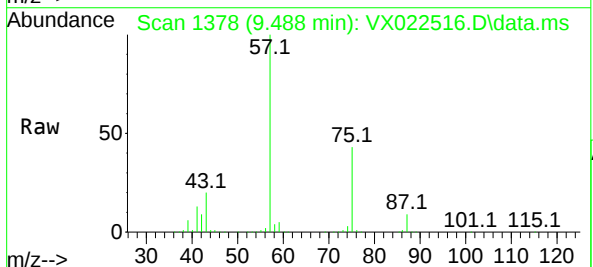
Tgt Ion: 76 Resp: 11590
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

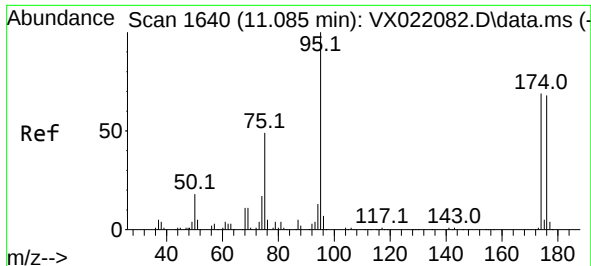


#59

2-Hexanone
Concen: 159.953 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 43 Resp: 158766
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#

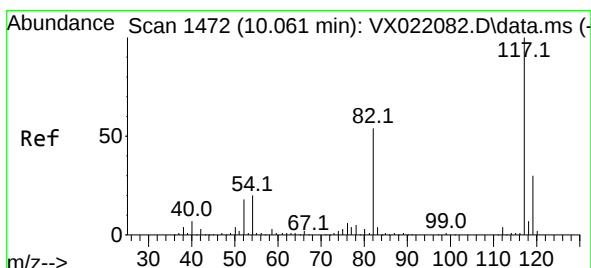
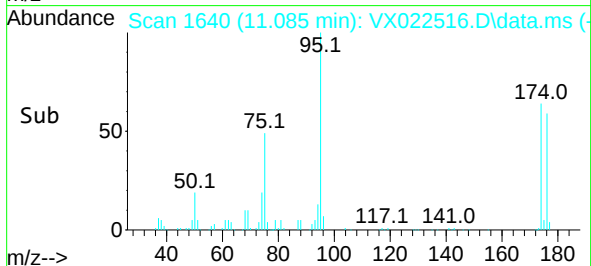
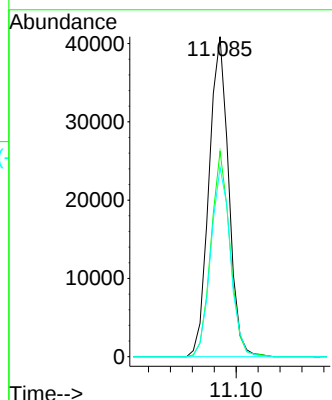
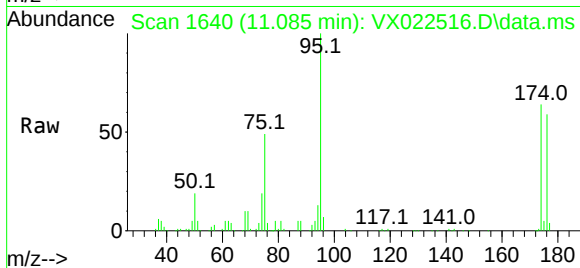




#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

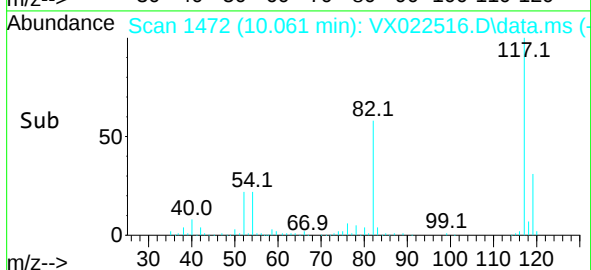
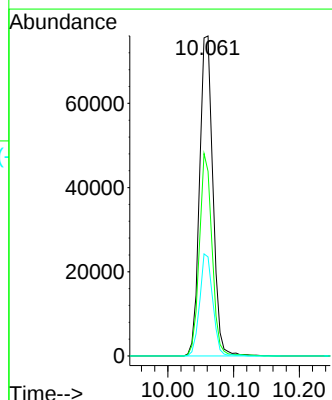
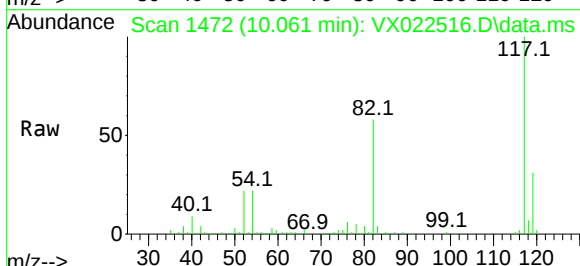
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

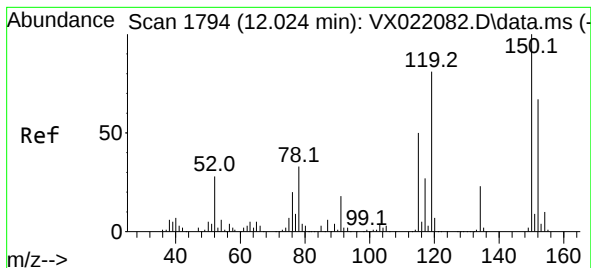
Tgt Ion: 95 Resp: 50836
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 59.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 117 Resp: 107349
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.0 26.6 39.8

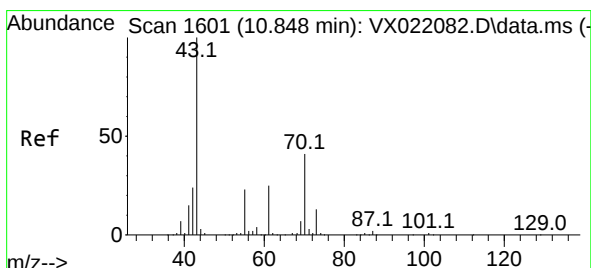
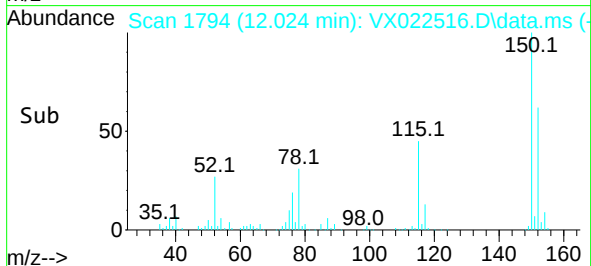
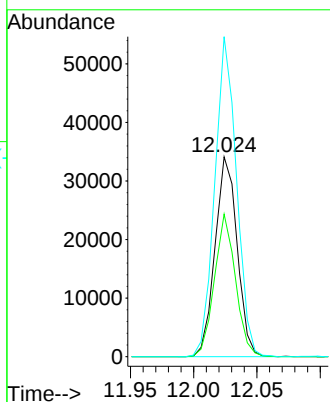
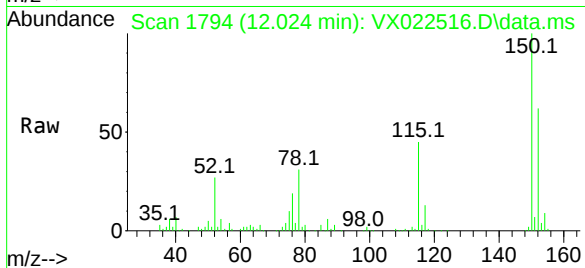




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

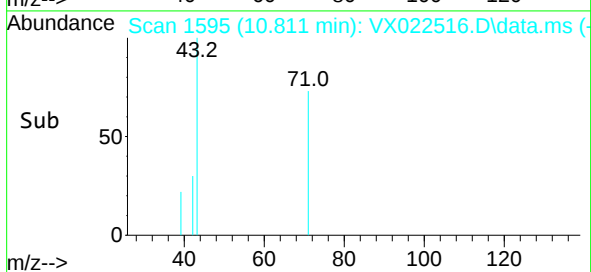
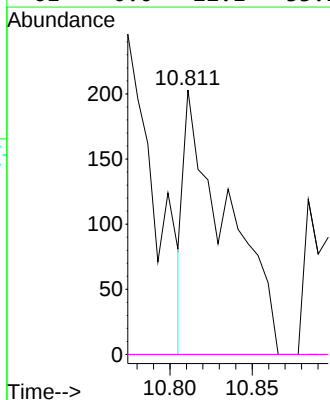
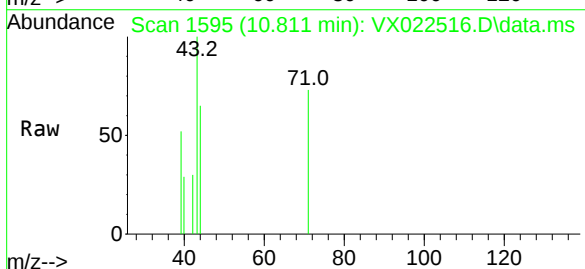
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

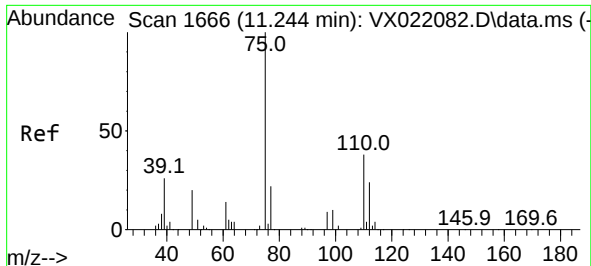
Tgt Ion:152 Resp: 41456
Ion Ratio Lower Upper
152 100
115 68.1 41.1 123.3
150 157.2 0.0 349.0



#74
N-ethyl acetate
Concen: 0.220 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. -0.037 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

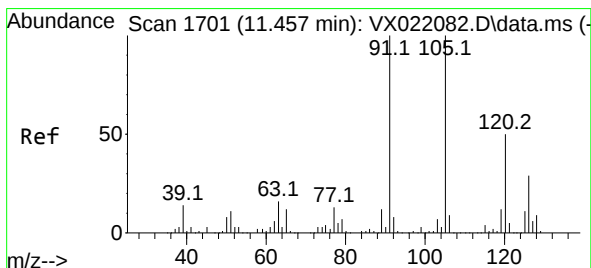
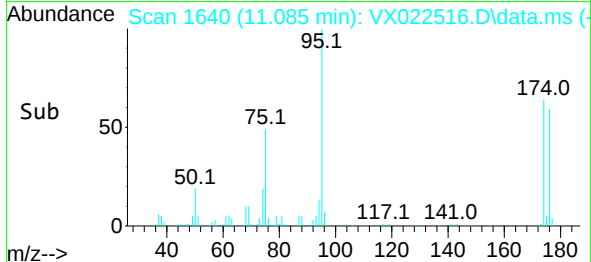
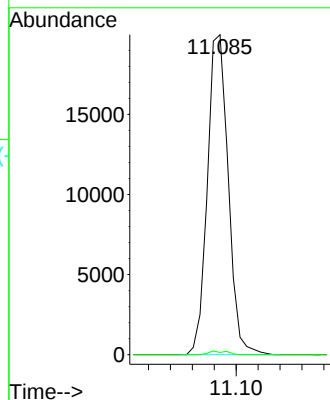
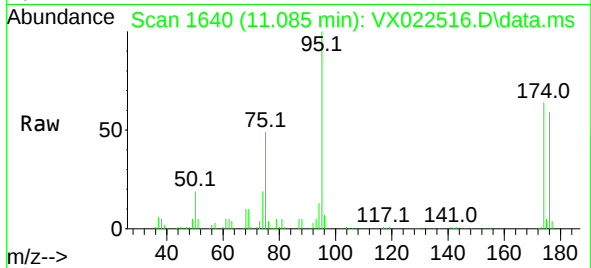




#76
1,2,3-Trichloropropane
Concen: 25.790 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

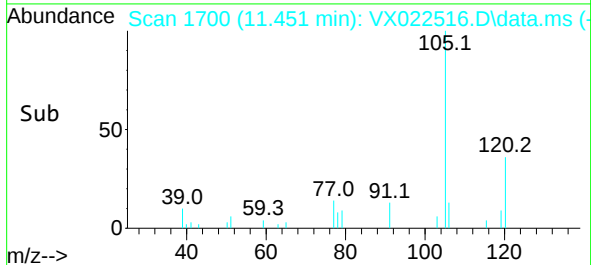
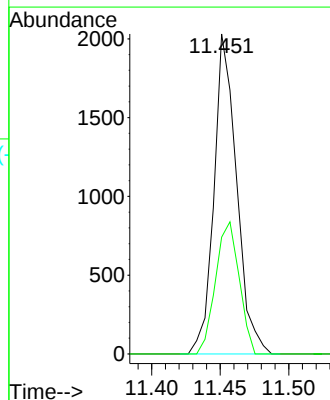
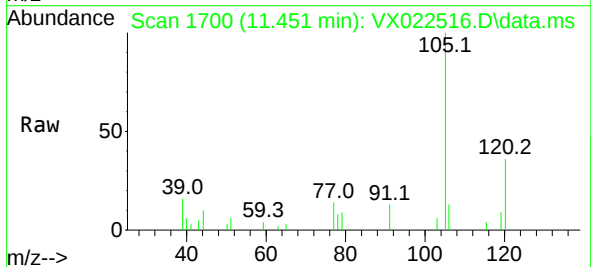
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#10

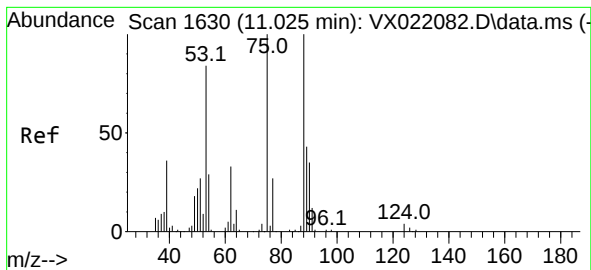
Tgt Ion: 75 Resp: 26376
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.802 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022516.D
Acq: 07 Jun 2021 07:04

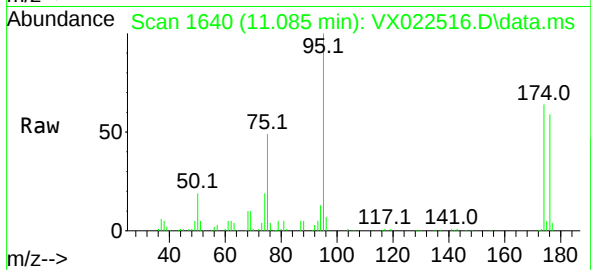
Tgt Ion: 105 Resp: 2332
Ion Ratio Lower Upper
105 100
120 43.0 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.105 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022516.D
 Acq: 07 Jun 2021 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#10



Tgt Ion: 75 Resp: 26376
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

