

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022511.D
 Acq On : 07 Jun 2021 05:06
 Operator : JC/MD
 Sample : PB136857ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#05

Quant Time: Jun 07 06:19:14 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)

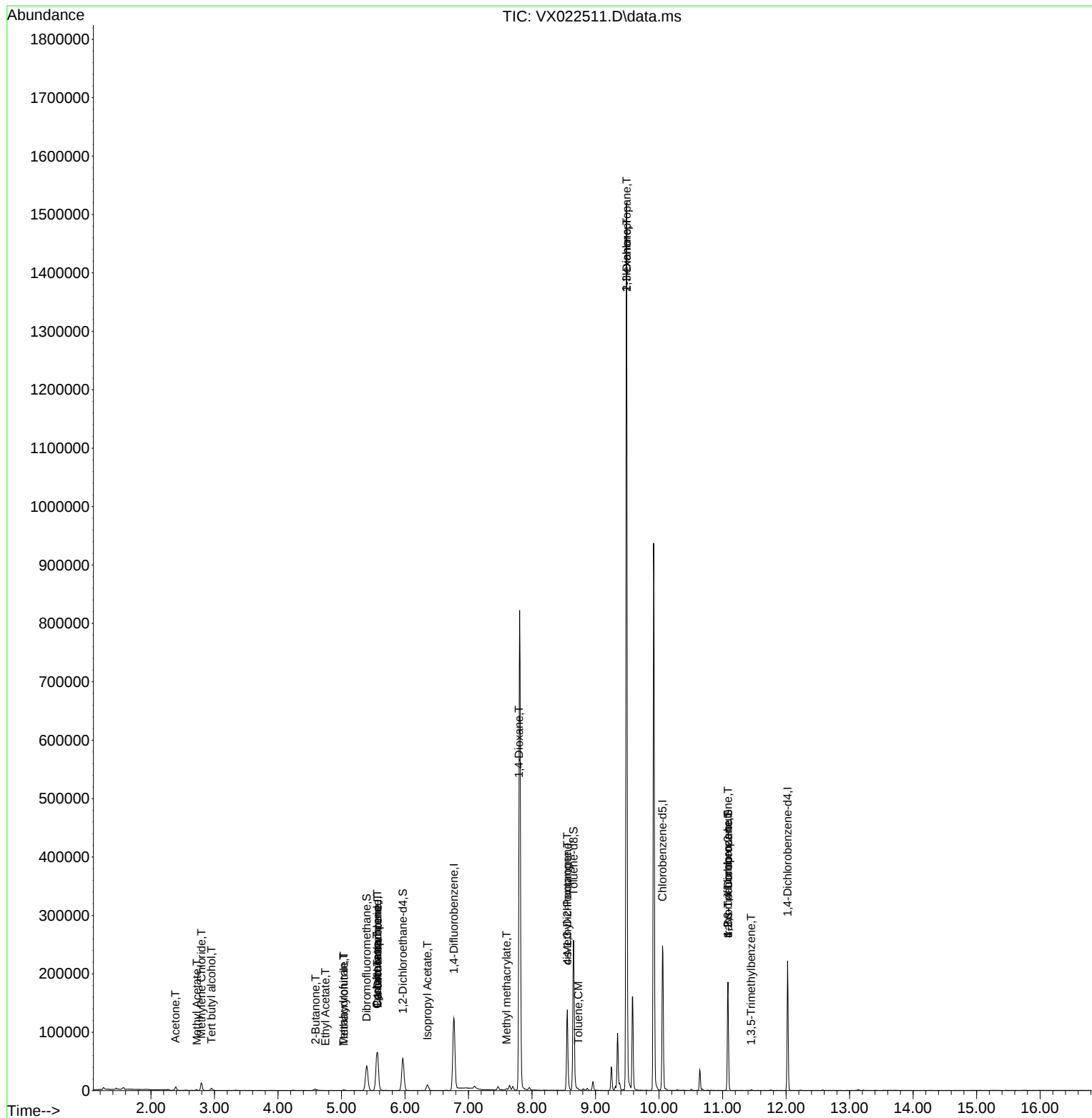
Internal Standards						
1) Pentafluorobenzene	5.568	168	58173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	120376	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49087	54.702	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.400%	
35) Dibromofluoromethane	5.397	113	35987	47.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.280%	
50) Toluene-d8	8.653	98	149184	50.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	11.085	95	49792	45.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2529	12.322	ug/l #	73
16) Acetone	2.386	43	6726	17.214	ug/l #	85
18) Methyl Acetate	2.721	43	1706	1.642	ug/l #	79
20) Methylene Chloride	2.794	84	5734	6.609	ug/l #	91
25) 2-Butanone	4.593	43	2639	4.175	ug/l #	76
29) Tetrahydrofuran	5.031	42	933	2.480	ug/l #	63
31) Cyclohexane	5.556	56	1791	1.588	ug/l #	57
36) 1,1-Dichloropropene	5.568	75	5778	5.191	ug/l #	47
37) Ethyl Acetate	4.745	43	296	0.217	ug/l #	64
38) Carbon Tetrachloride	5.562	117	6886	6.324	ug/l #	15
41) Methacrylonitrile	5.038	41	291	0.399	ug/l #	1
43) Isopropyl Acetate	6.354	43	13435	6.020	ug/l #	92
48) Methyl methacrylate	7.598	41	4271	4.152	ug/l #	10
49) 1,4-Dioxane	7.793	88	157	7.840	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	47678	35.663	ug/l #	44
52) Toluene	8.726	92	630	0.290	ug/l	80
54) cis-1,3-Dichloropropene	8.555	75	21238	14.429	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	12963	8.623	ug/l #	42
59) 2-Hexanone	9.488	43	177513	176.541	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	26530	27.927	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	702	0.260	ug/l	83
81) trans-1,4-Dichloro-2-b...	11.085	75	26530	66.169	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
Data File : VX022511.D
Acq On : 07 Jun 2021 05:06
Operator : JC/MD
Sample : PB136857ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

Quant Time: Jun 07 06:19:14 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

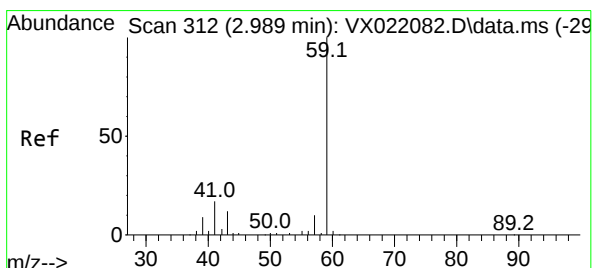
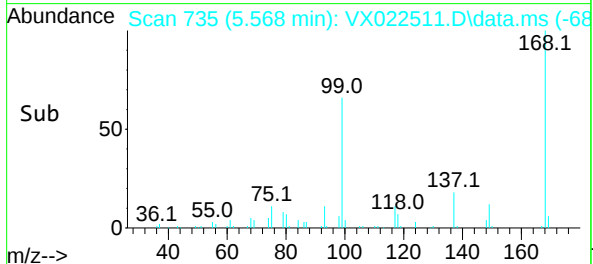
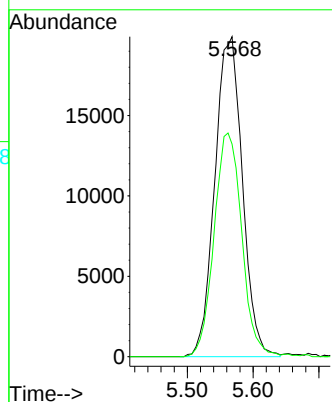
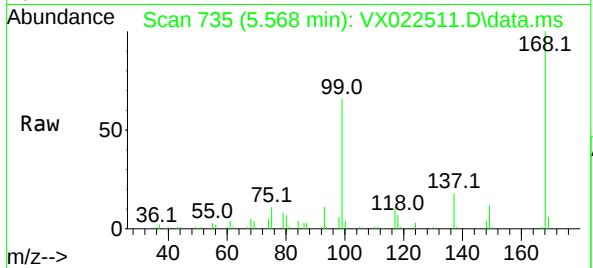




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

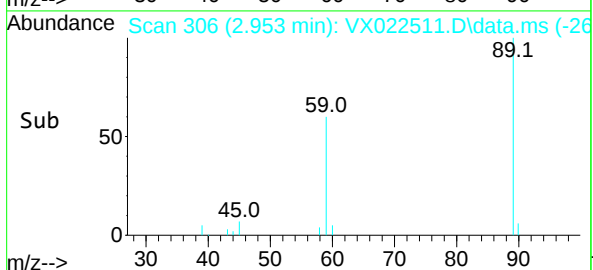
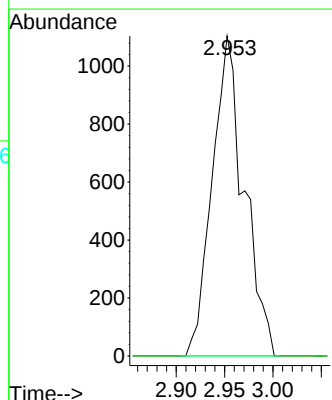
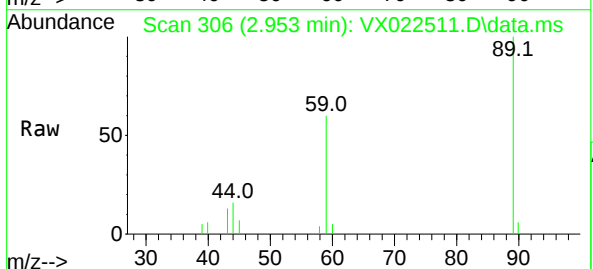
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

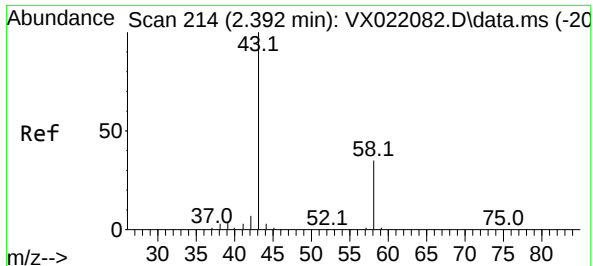
Tgt Ion:168 Resp: 58173
Ion Ratio Lower Upper
168 100
99 66.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 12.322 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion: 59 Resp: 2529
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

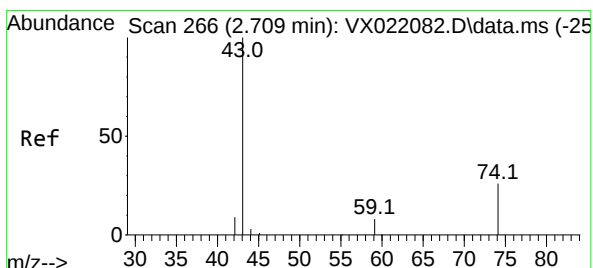
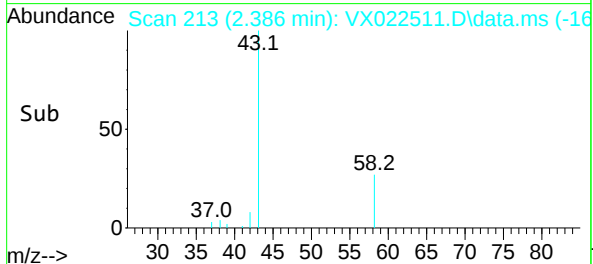
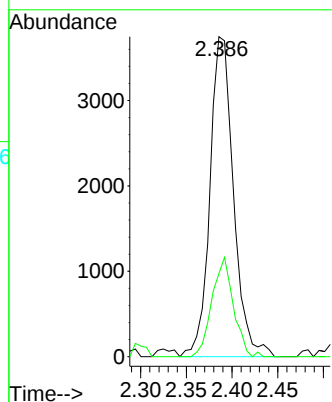
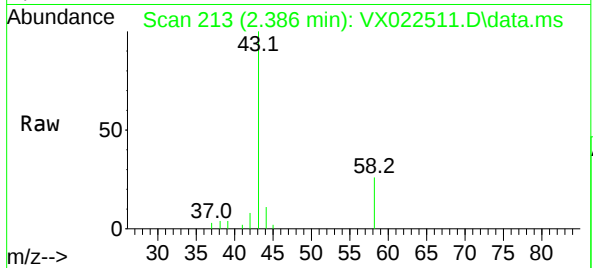




#16
Acetone
Concen: 17.214 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

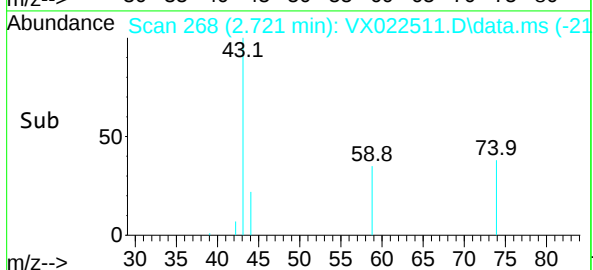
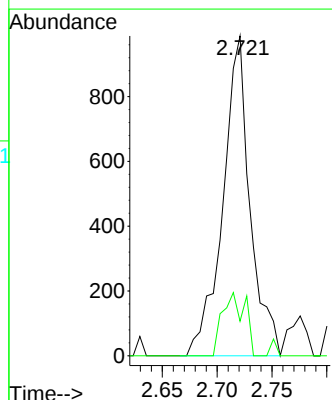
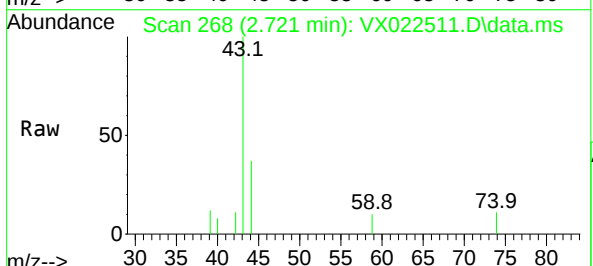
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

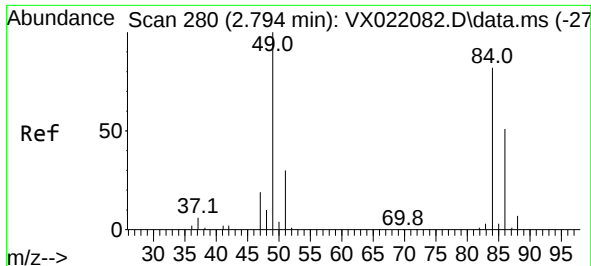
Tgt Ion: 43 Resp: 6726
Ion Ratio Lower Upper
43 100
58 25.9 27.8 41.8#



#18
Methyl Acetate
Concen: 1.642 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
74 16.4 21.9 32.9#

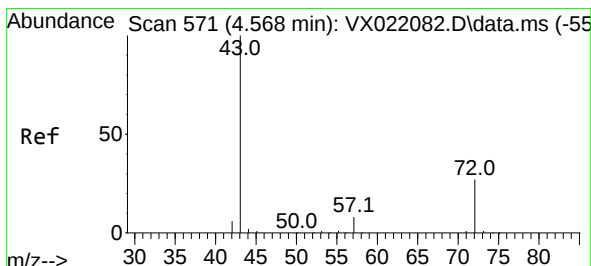
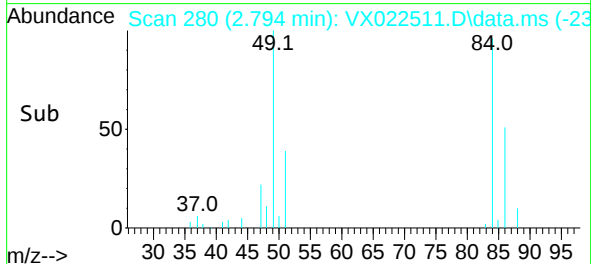
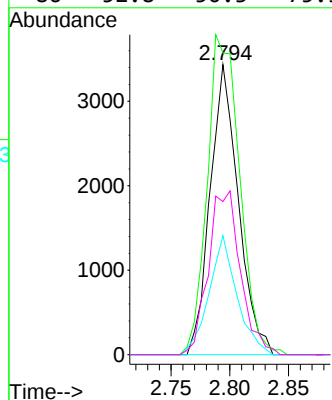
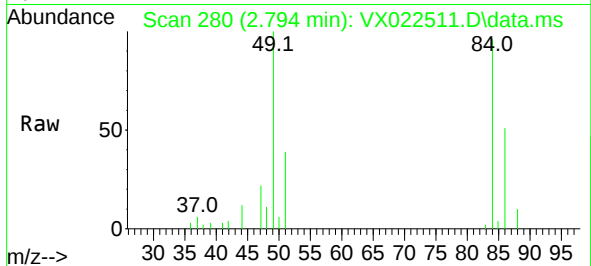




#20
Methylene Chloride
Concen: 6.609 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

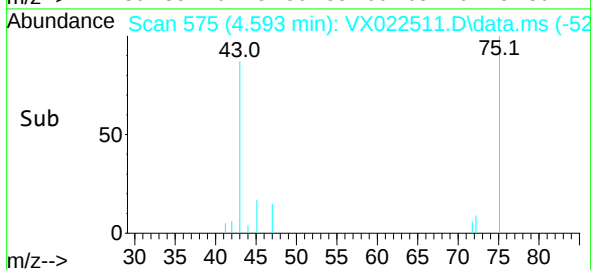
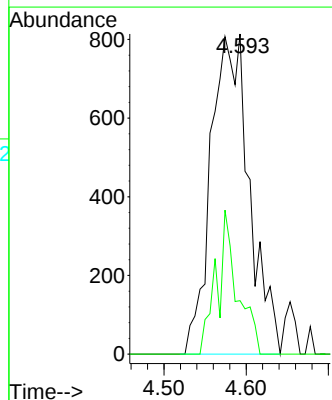
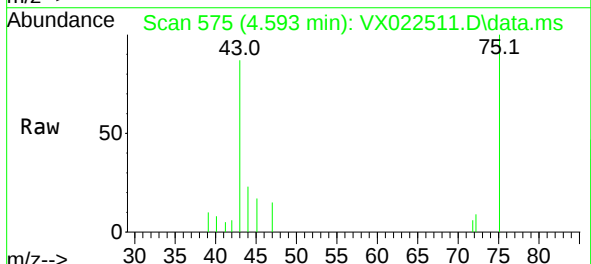
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

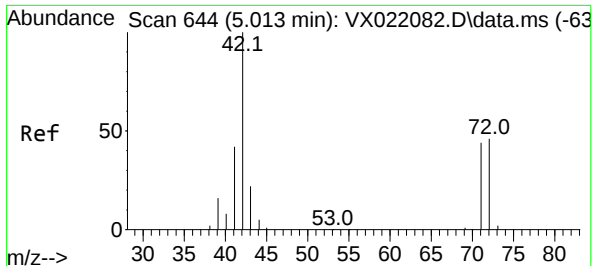
Tgt Ion:	84	Resp:	5734
Ion	Ratio	Lower	Upper
84	100		
49	104.0	88.6	132.8
51	41.0	27.0	40.6#
86	52.8	50.3	75.5



#25
2-Butanone
Concen: 4.175 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion:	43	Resp:	2639
Ion	Ratio	Lower	Upper
43	100		
72	16.7	23.7	35.5#





#29

Tetrahydrofuran

Concen: 2.480 ug/l

RT: 5.031 min Scan# 647

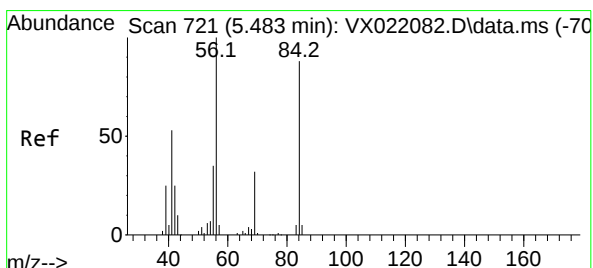
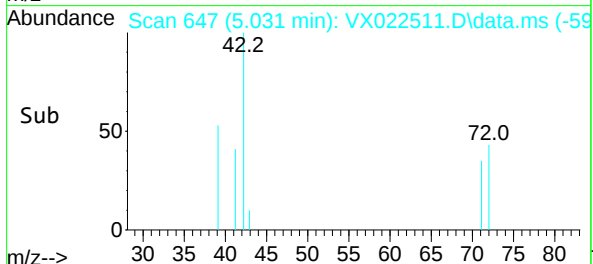
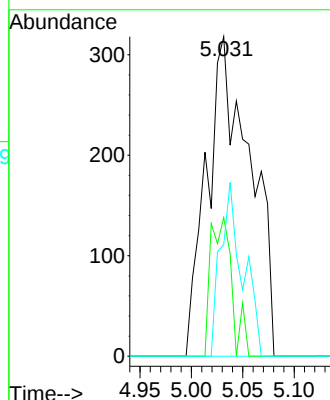
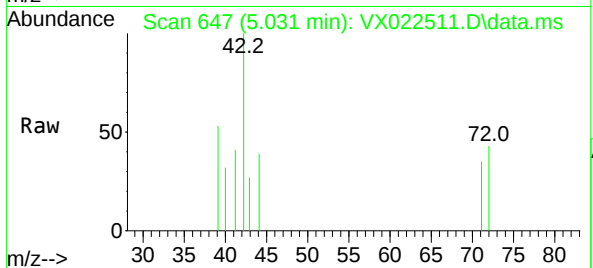
Delta R.T. 0.018 min

Lab File: VX022511.D

Acq: 07 Jun 2021 05:06

Tgt Ion:	42	Resp:	933
Ion	Ratio	Lower	Upper
42	100		
72	21.0	41.7	62.5#
71	27.8	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05



#31

Cyclohexane

Concen: 1.588 ug/l

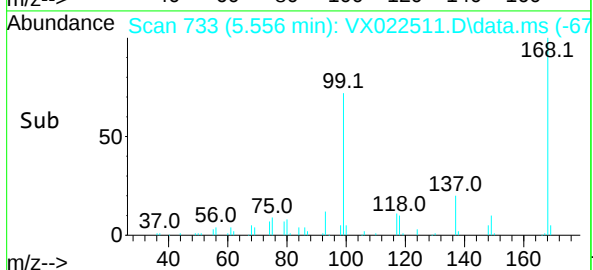
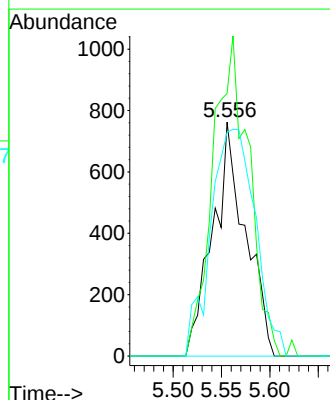
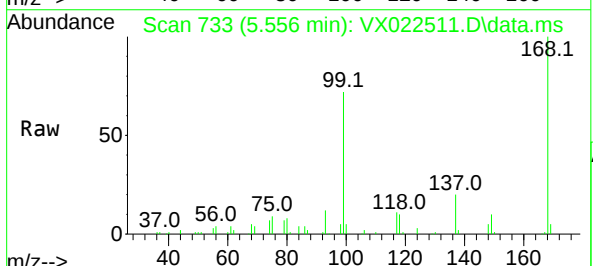
RT: 5.556 min Scan# 733

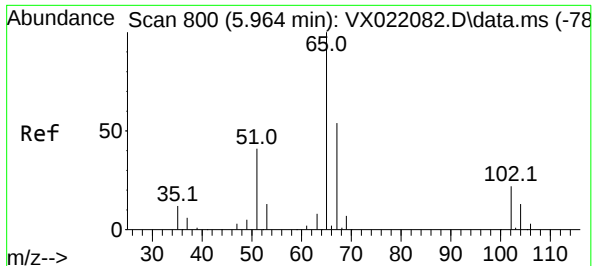
Delta R.T. 0.073 min

Lab File: VX022511.D

Acq: 07 Jun 2021 05:06

Tgt Ion:	56	Resp:	1791
Ion	Ratio	Lower	Upper
56	100		
69	112.3	25.3	37.9#
84	95.7	71.4	107.0



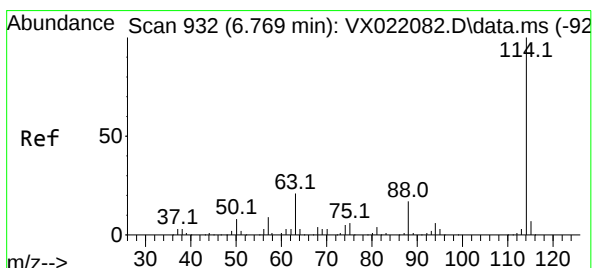
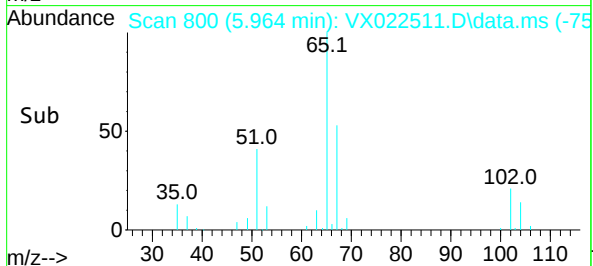
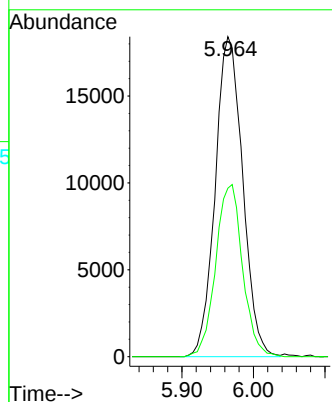
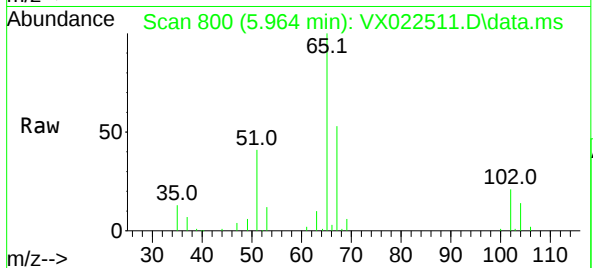


#33

1,2-Dichloroethane-d4
Concen: 54.702 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

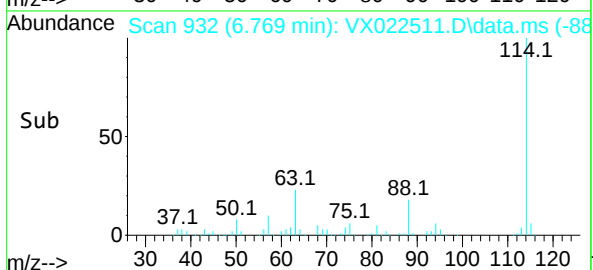
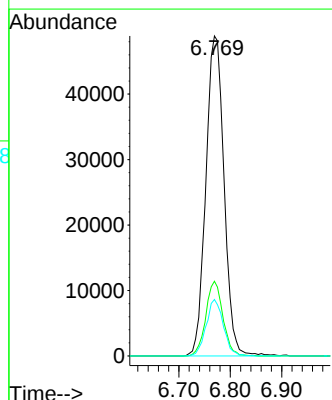
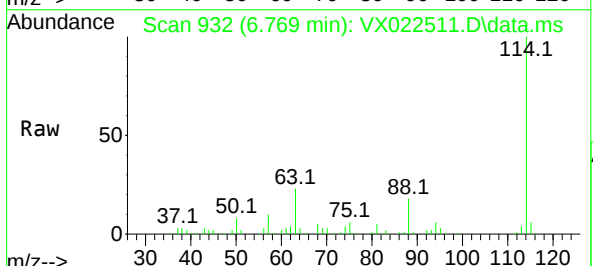
Tgt Ion: 65 Resp: 49087
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

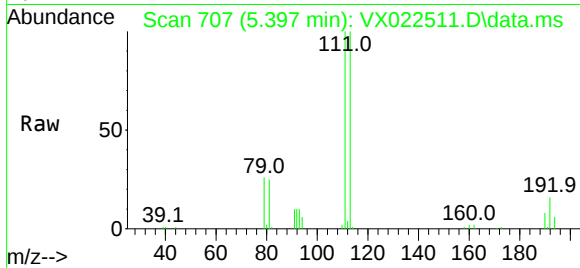
Tgt Ion: 114 Resp: 120376
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 17.6 0.0 32.8



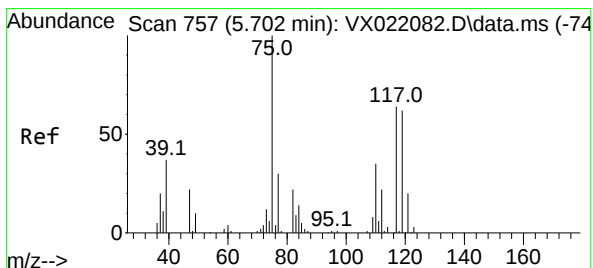
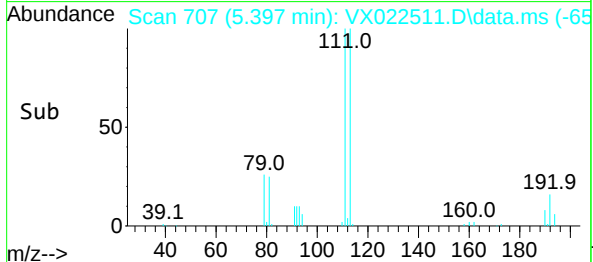
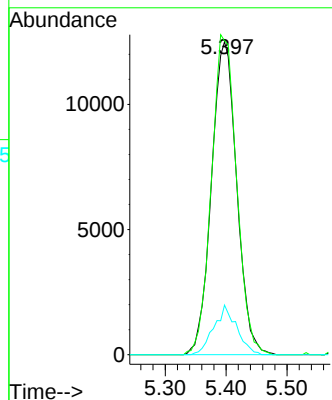


#35
Dibromofluoromethane
Concen: 47.142 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

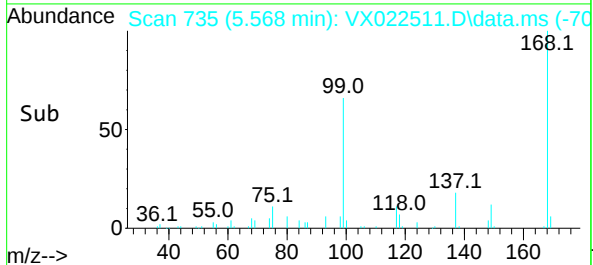
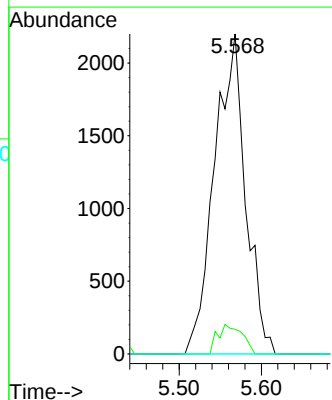
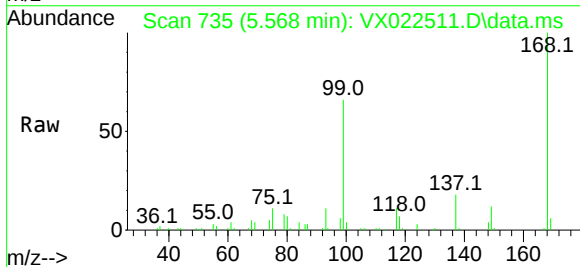


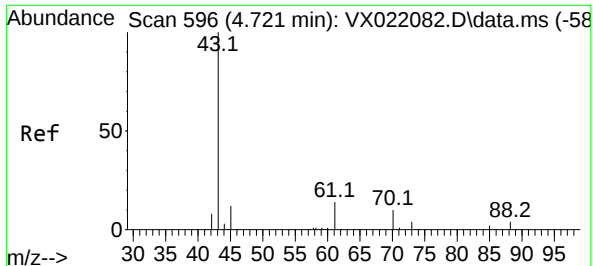
Tgt Ion:113 Resp: 35987
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 14.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.191 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion: 75 Resp: 5778
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.217 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

Lab File: VX022511.D

Acq: 07 Jun 2021 05:06

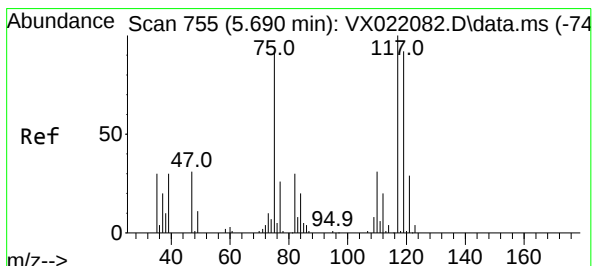
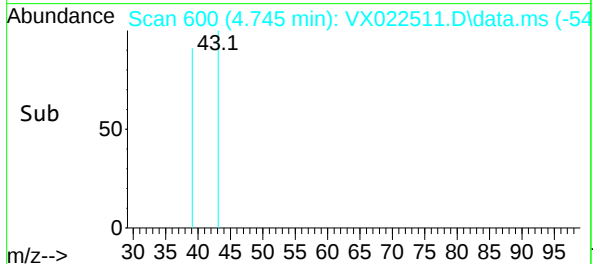
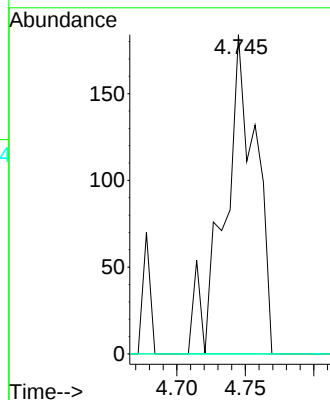
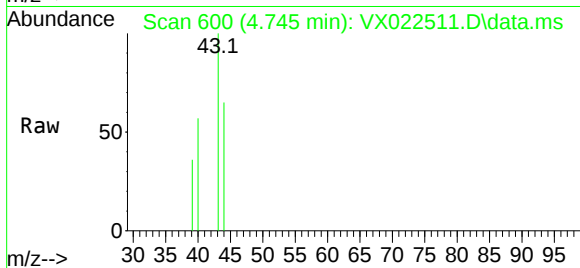
Instrument :

MSVOA_X

ClientSampleId :

PB136857ZHE#05

Tgt Ion: 43	Resp:	296
Ion	Ratio	Lower Upper
43	100	
61	0.0	12.8 19.2#
70	0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.324 ug/l

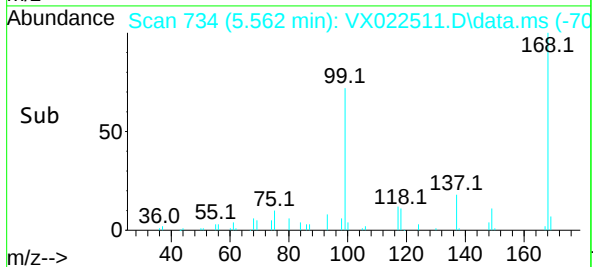
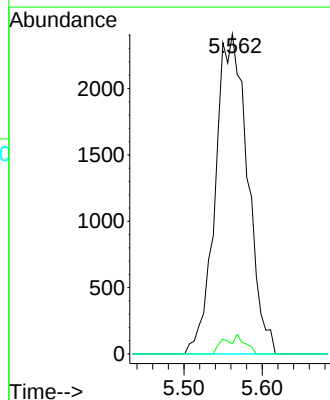
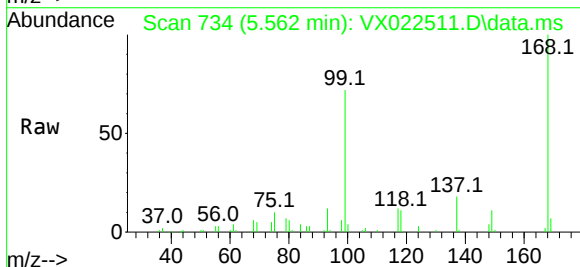
RT: 5.562 min Scan# 734

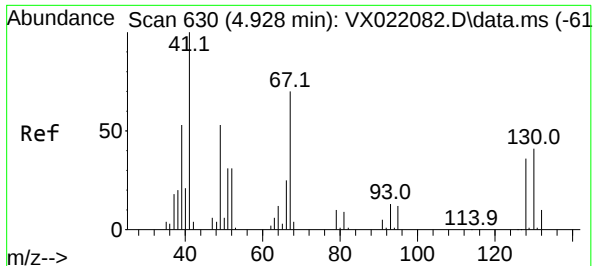
Delta R.T. -0.128 min

Lab File: VX022511.D

Acq: 07 Jun 2021 05:06

Tgt Ion: 117	Resp:	6886
Ion	Ratio	Lower Upper
117	100	
119	3.2	76.2 114.2#
121	0.0	24.8 37.2#

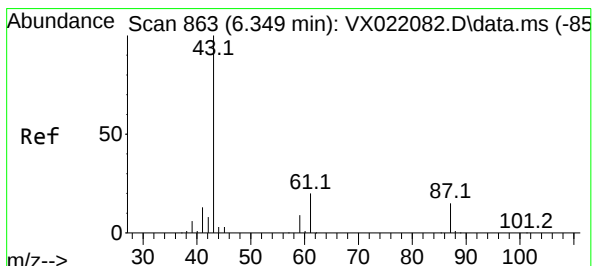
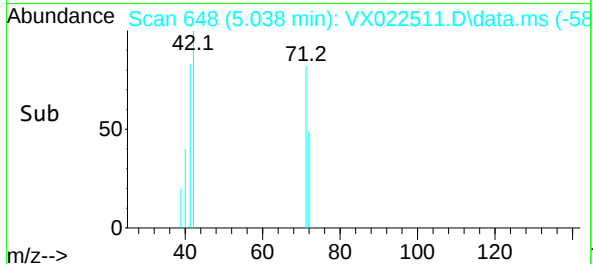
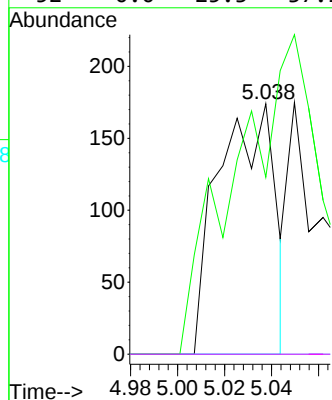
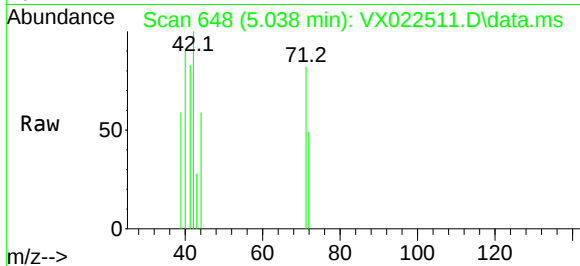




#41
Methacrylonitrile
Concen: 0.399 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

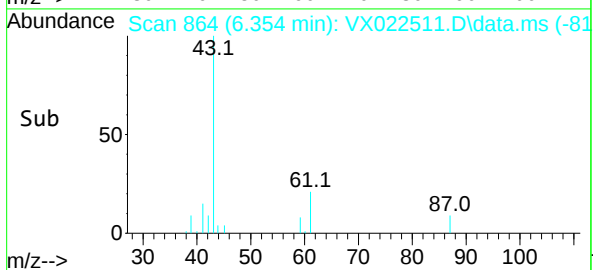
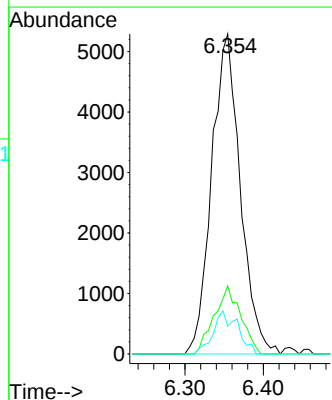
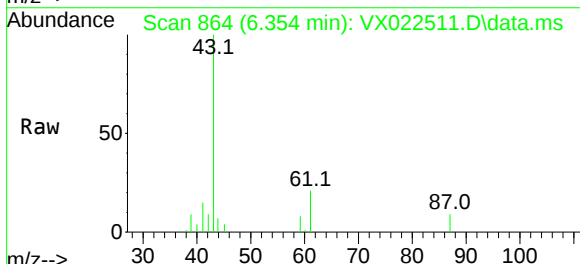
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

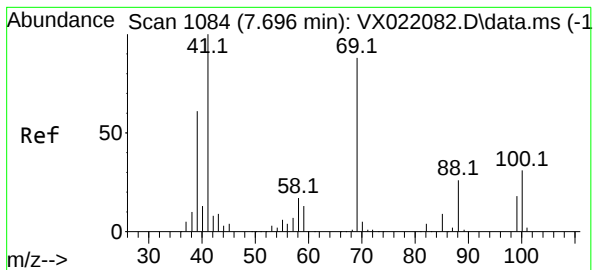
Tgt Ion:	41	Resp:	291
Ion	Ratio	Lower	Upper
41	100		
39	210.7	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 6.020 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion:	43	Resp:	13435
Ion	Ratio	Lower	Upper
43	100		
61	19.6	18.2	27.4
87	11.4	12.5	18.7#





#48

Methyl methacrylate

Concen: 4.152 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX022511.D

Acq: 07 Jun 2021 05:06

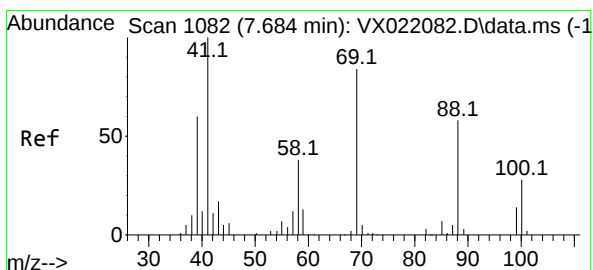
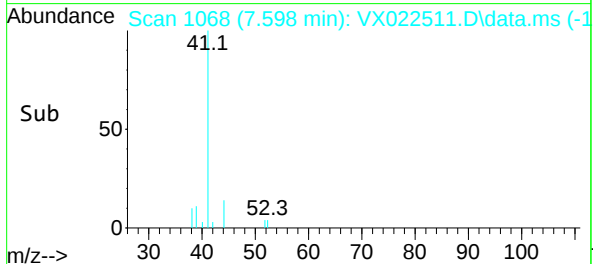
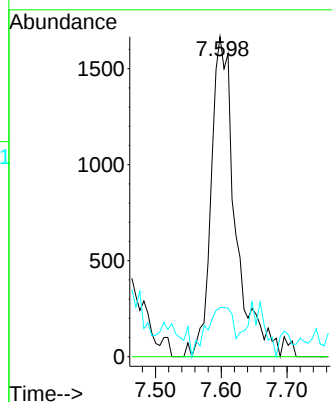
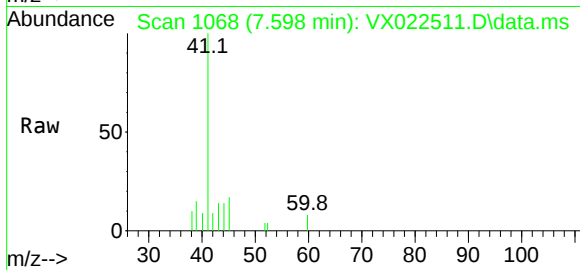
Tgt Ion: 41 Resp: 4271

Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 0.0 44.6 67.0#



#49

1,4-Dioxane

Concen: 7.840 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

Lab File: VX022511.D

Acq: 07 Jun 2021 05:06

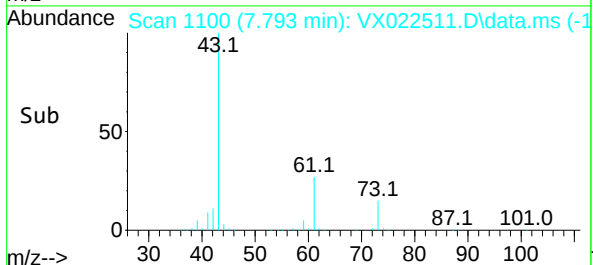
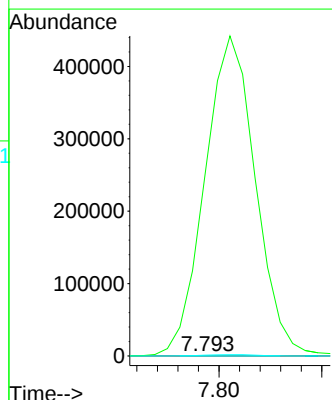
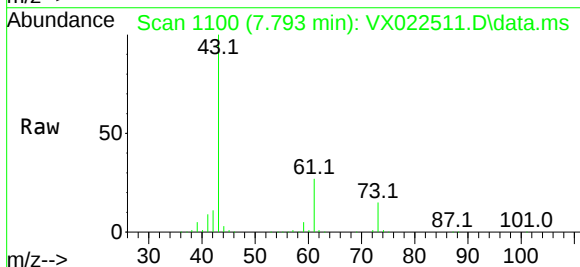
Tgt Ion: 88 Resp: 157

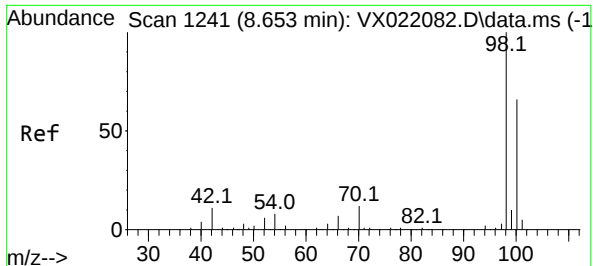
Ion Ratio Lower Upper

88 100

43 486459.2 23.2 34.8#

58 2046.5 55.0 82.4#

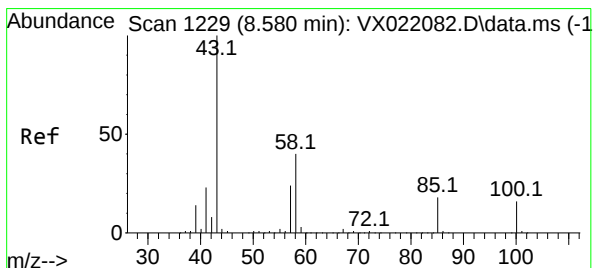
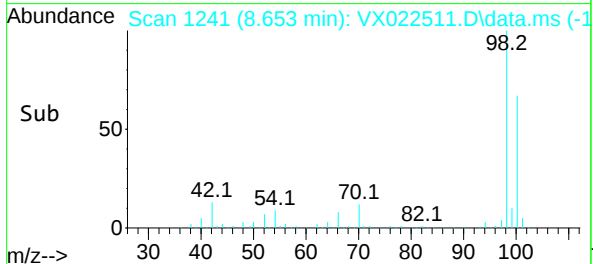
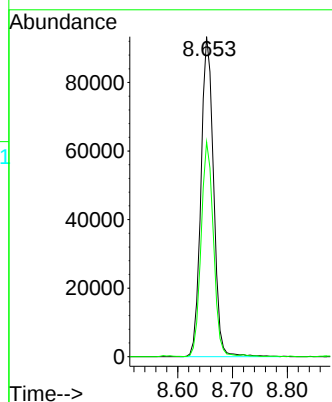
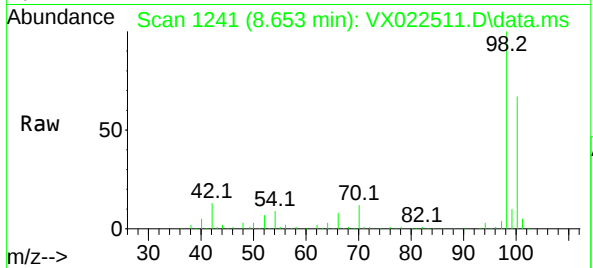




#50
Toluene-d8
Concen: 50.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

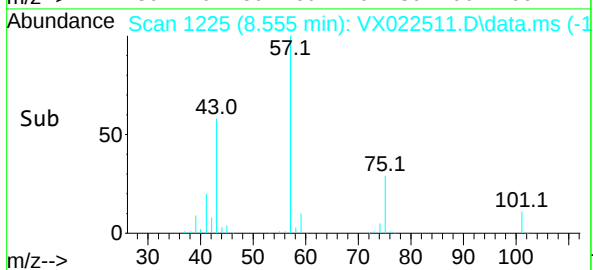
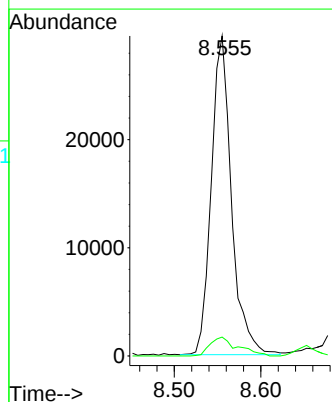
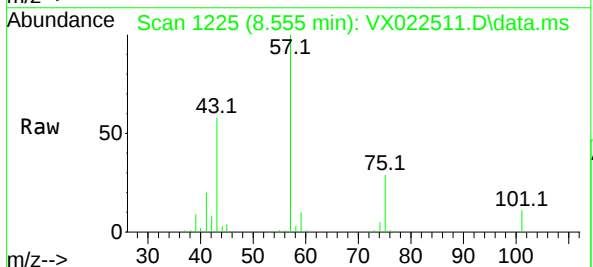
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

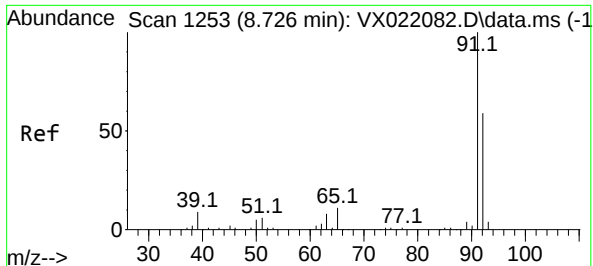
Tgt Ion: 98 Resp: 149184
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 35.663 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion: 43 Resp: 47678
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#

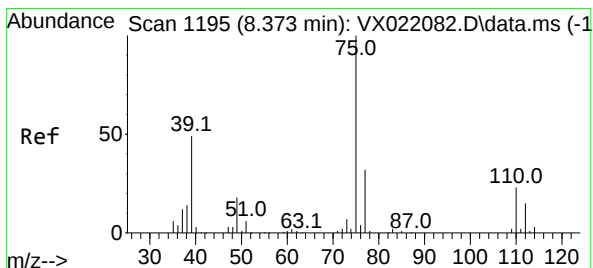
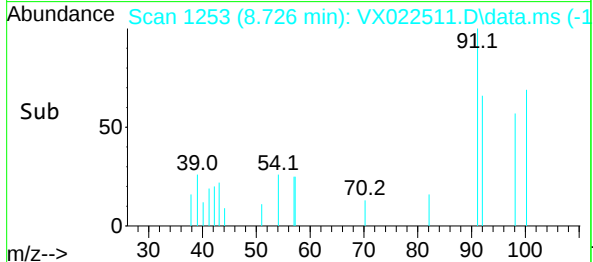
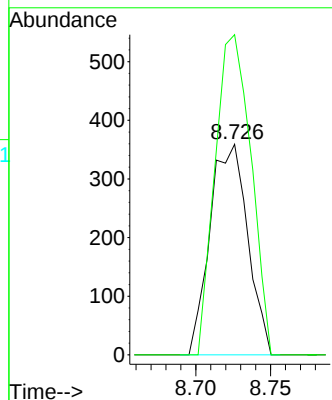
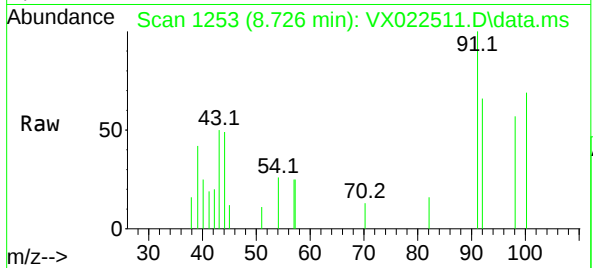




#52
Toluene
Concen: 0.290 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

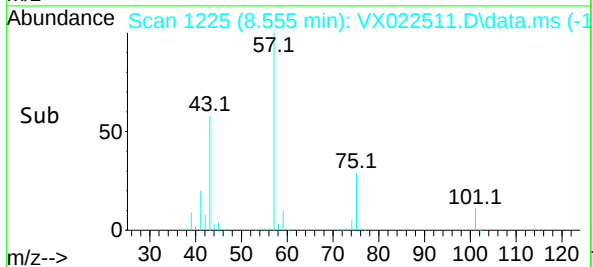
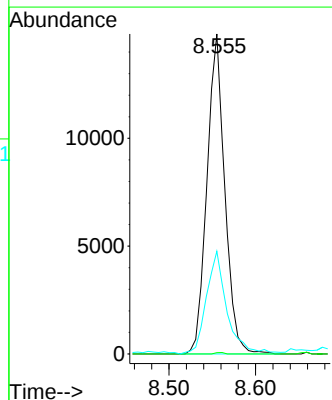
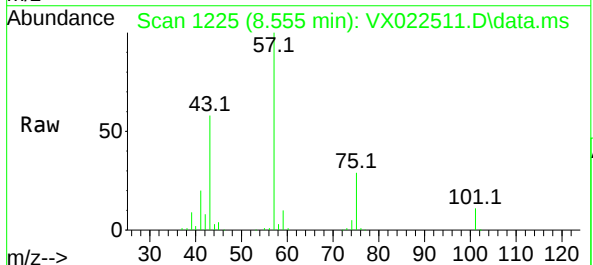
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

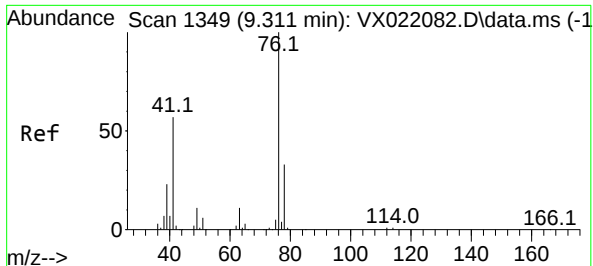
Tgt Ion: 92 Resp: 630
Ion Ratio Lower Upper
92 100
91 144.4 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.429 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion: 75 Resp: 21238
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 32.1 35.1 52.7#



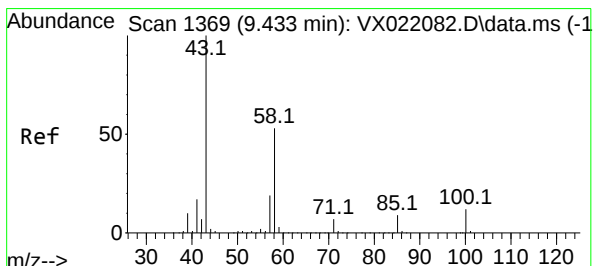
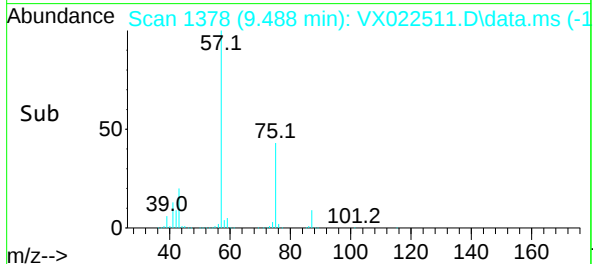
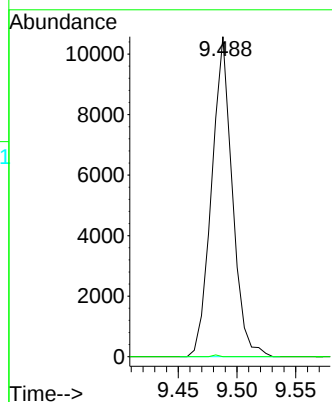
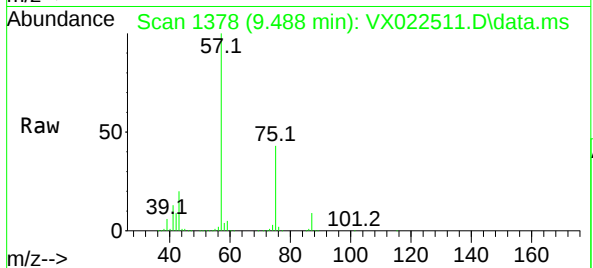


#57

1,3-Dichloropropane
Concen: 8.623 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

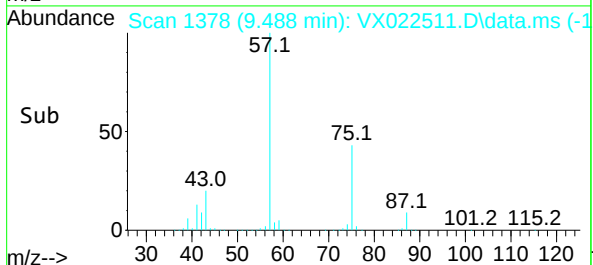
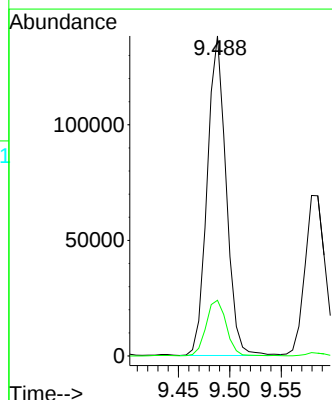
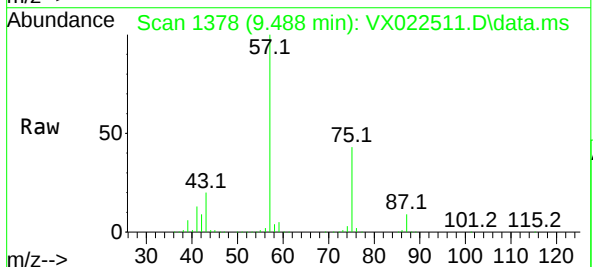
Tgt Ion: 76 Resp: 12963
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#

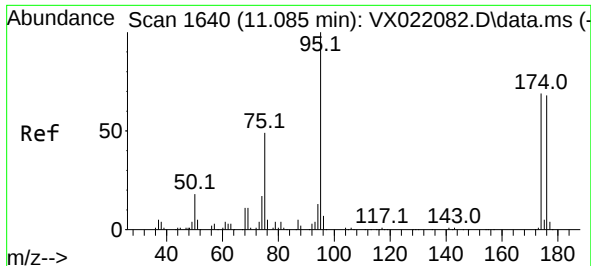


#59

2-Hexanone
Concen: 176.541 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion: 43 Resp: 177513
Ion Ratio Lower Upper
43 100
58 18.6 30.9 92.8#

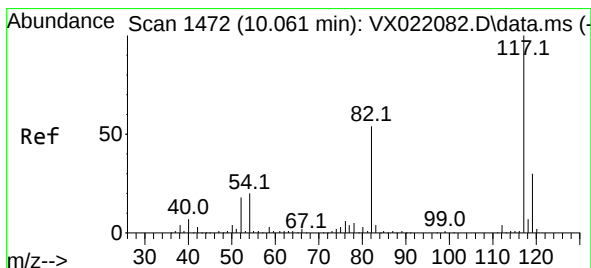
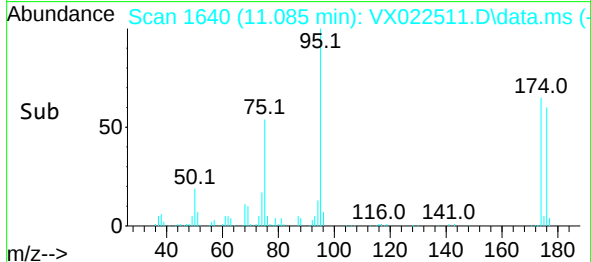
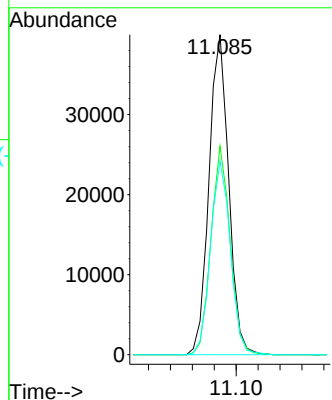
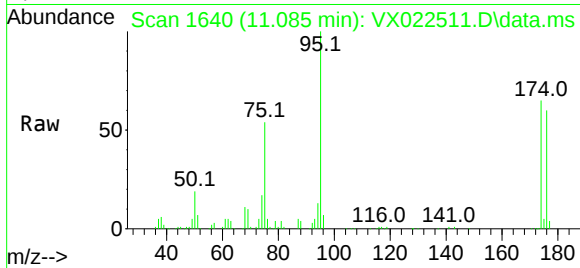




#62
4-Bromofluorobenzene
Concen: 45.811 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

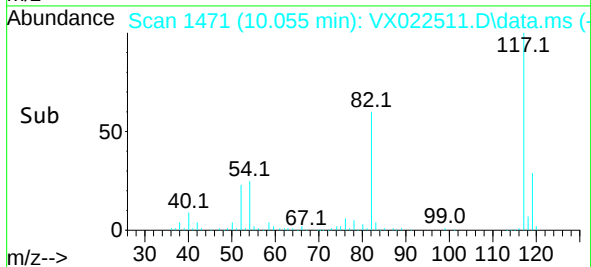
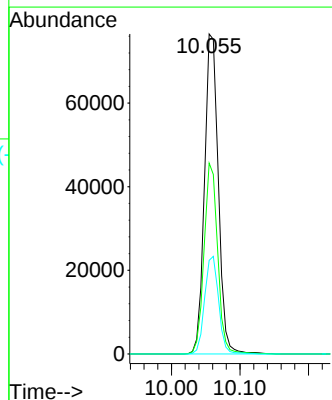
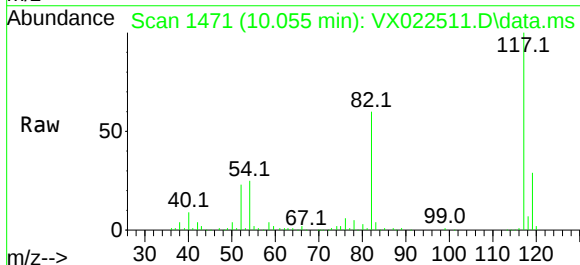
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

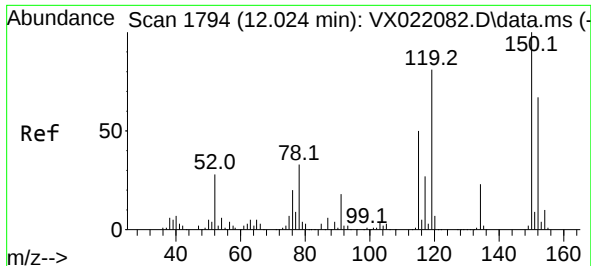
Tgt Ion: 95 Resp: 49792
Ion Ratio Lower Upper
95 100
174 63.6 0.0 154.6
176 61.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion: 117 Resp: 107832
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 29.2 26.6 39.8

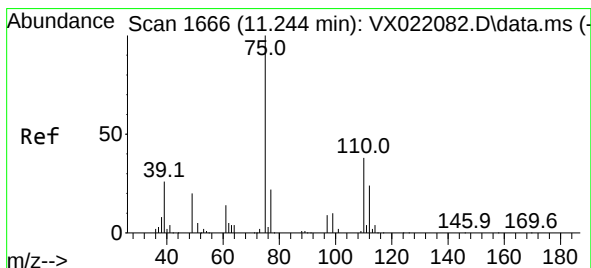
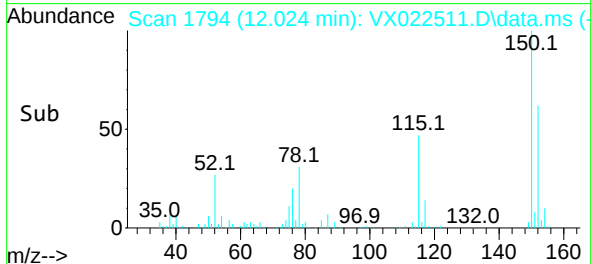
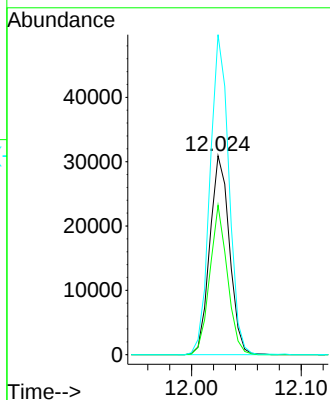
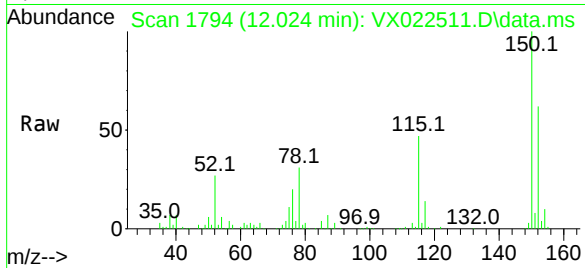




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022511.D
 Acq: 07 Jun 2021 05:06

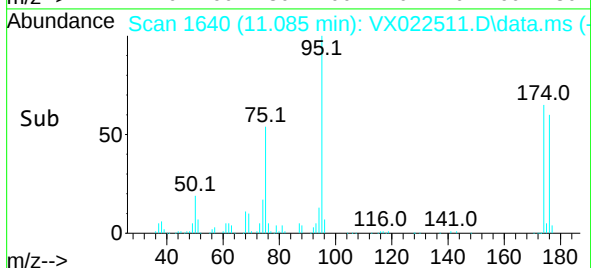
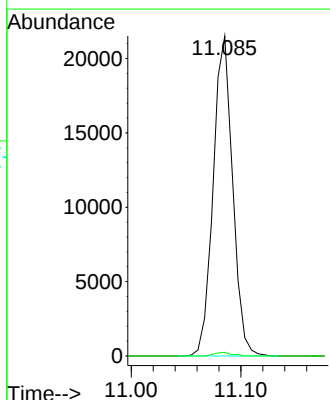
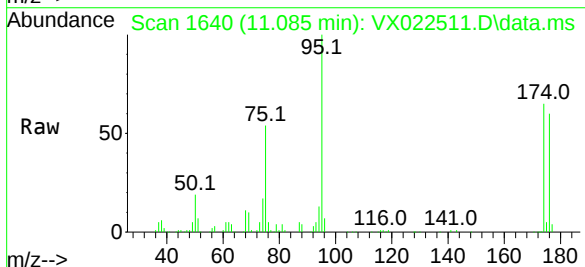
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#05

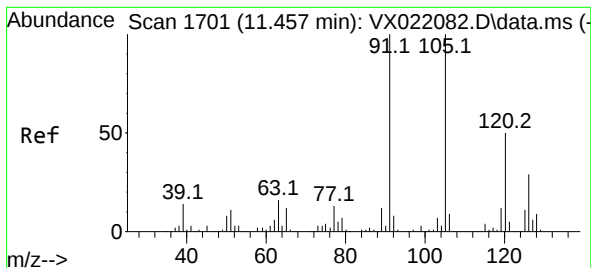
Tgt Ion:152 Resp: 38507
 Ion Ratio Lower Upper
 152 100
 115 67.3 41.1 123.3
 150 154.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.927 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022511.D
 Acq: 07 Jun 2021 05:06

Tgt Ion: 75 Resp: 26530
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

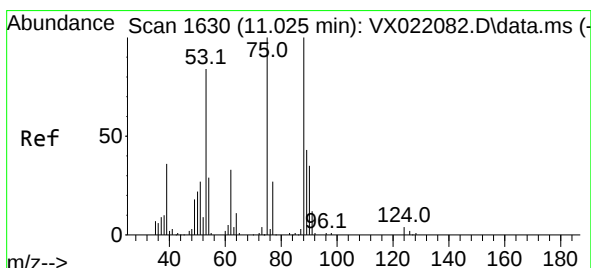
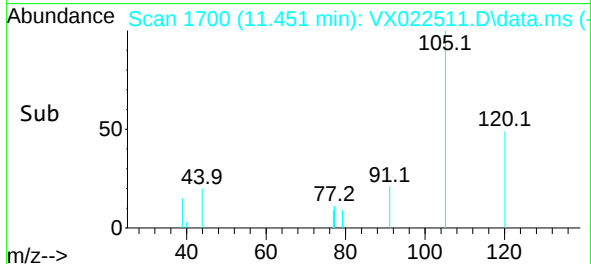
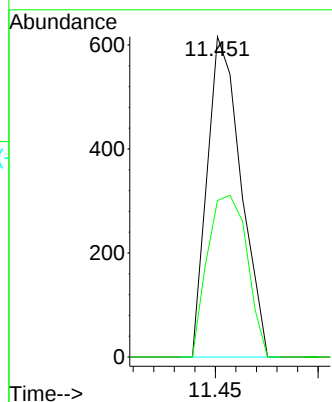
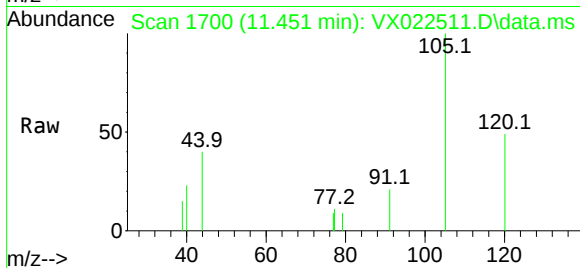




#80
1,3,5-Trimethylbenzene
Concen: 0.260 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#05

Tgt Ion:105 Resp: 702
Ion Ratio Lower Upper
105 100
120 59.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 66.169 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022511.D
Acq: 07 Jun 2021 05:06

Tgt Ion: 75 Resp: 26530
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

