

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022515.D
 Acq On : 07 Jun 2021 06:40
 Operator : JC/MD
 Sample : PB136857ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#09

Quant Time: Jun 07 07:03:22 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)

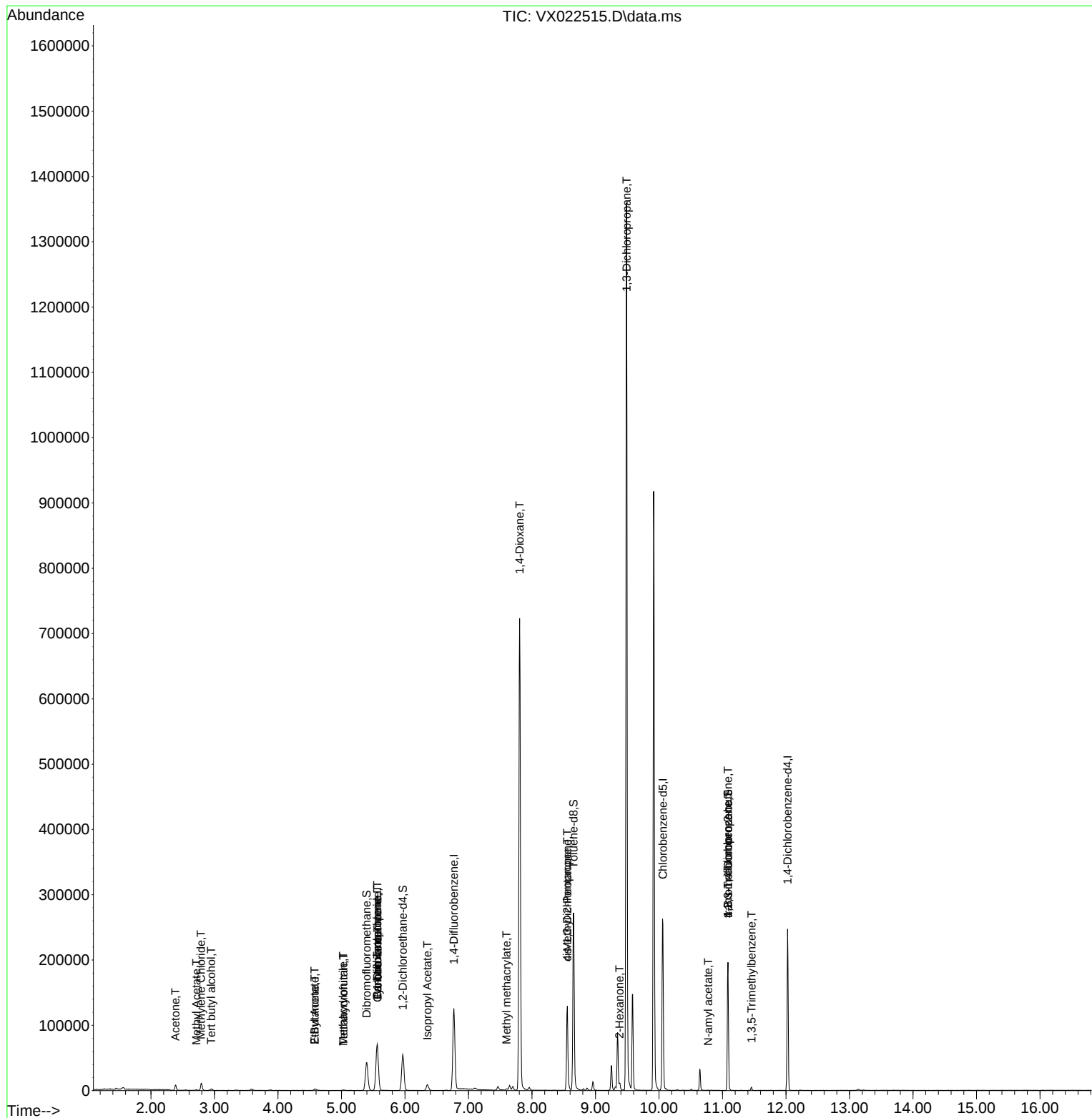
Internal Standards						
1) Pentafluorobenzene	5.562	168	58979	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	120640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	112955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50887	55.933	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.860%	
35) Dibromofluoromethane	5.397	113	36618	47.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.720%	
50) Toluene-d8	8.653	98	155010	52.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	11.085	95	53894	49.477	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1584	7.612	ug/l	# 73
16) Acetone	2.386	43	8693	21.944	ug/l	89
18) Methyl Acetate	2.715	43	1742	1.653	ug/l	# 77
20) Methylene Chloride	2.788	84	4469	5.081	ug/l	# 83
25) 2-Butanone	4.574	43	2220	3.464	ug/l	# 81
29) Tetrahydrofuran	5.032	42	644	1.688	ug/l	# 56
31) Cyclohexane	5.568	56	1776	1.553	ug/l	# 24
36) 1,1-Dichloropropene	5.562	75	5867	5.259	ug/l	# 47
37) Ethyl Acetate	4.574	43	2220	1.623	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7116	6.521	ug/l	# 16
41) Methacrylonitrile	5.026	41	320	0.437	ug/l	# 29
43) Isopropyl Acetate	6.355	43	12511	5.593	ug/l	94
48) Methyl methacrylate	7.598	41	3698	3.587	ug/l	# 10
49) 1,4-Dioxane	7.806	88	70	3.488	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	43676	32.598	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	20848	14.133	ug/l	# 66
57) 1,3-Dichloropropane	9.488	76	11870	7.879	ug/l	# 42
59) 2-Hexanone	9.378	43	5007	4.969	ug/l	# 19
74) N-amyl acetate	10.775	43	487	0.273	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	29023	26.476	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2248	0.721	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	29023	62.731	ug/l	# 12

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

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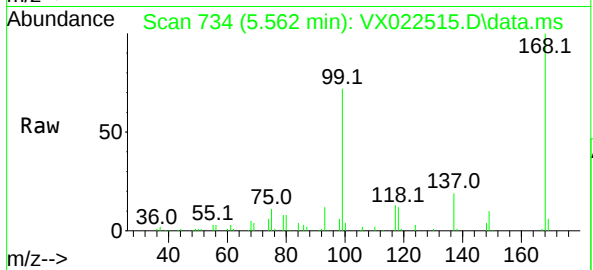
Quant Time: Jun 07 07:03:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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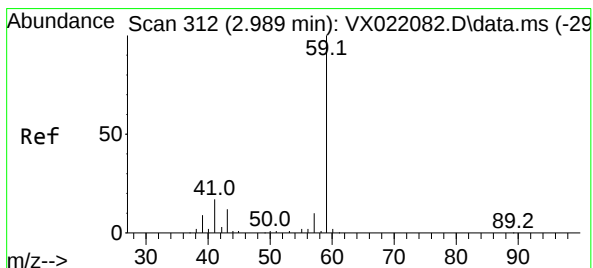
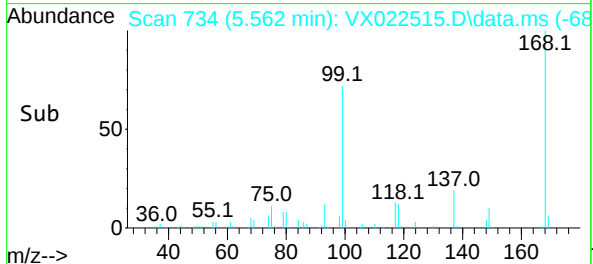
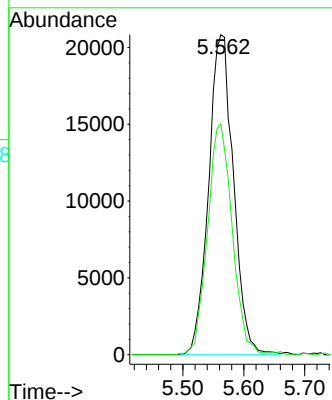


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

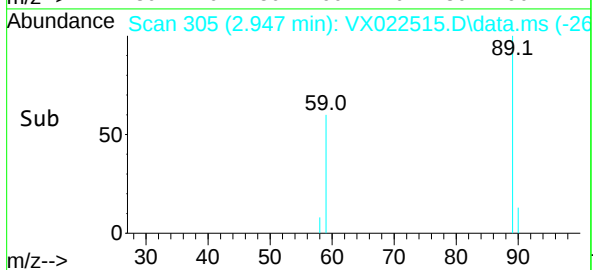
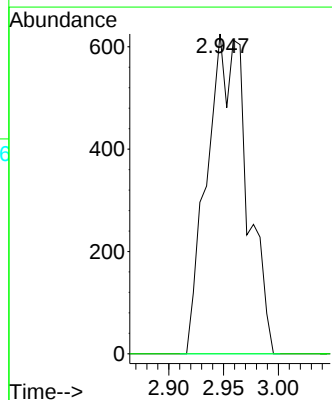
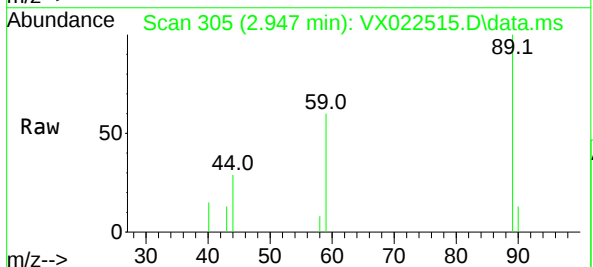


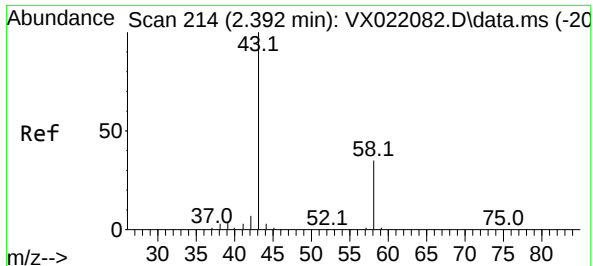
Tgt Ion:168 Resp: 58979
Ion Ratio Lower Upper
168 100
99 71.7 45.8 68.6#



#11
Tert butyl alcohol
Concen: 7.612 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion: 59 Resp: 1584
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

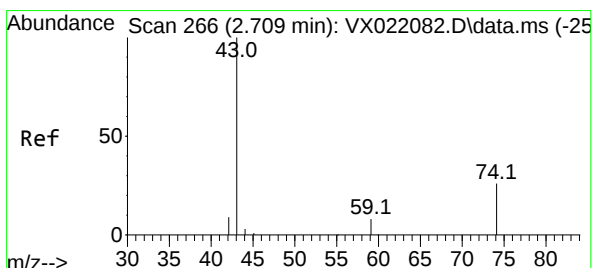
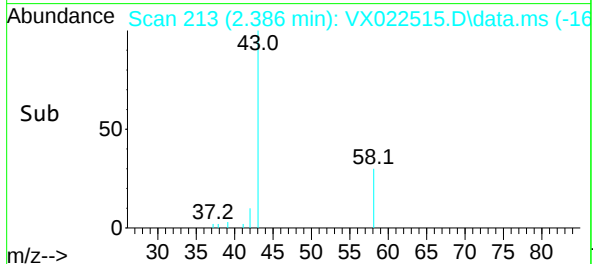
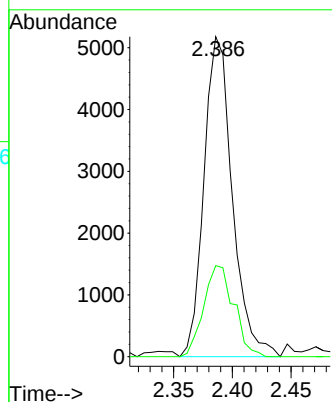
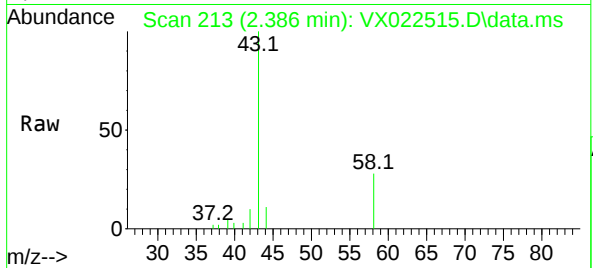




#16
Acetone
Concen: 21.944 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

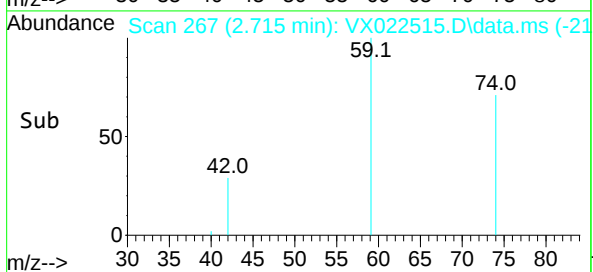
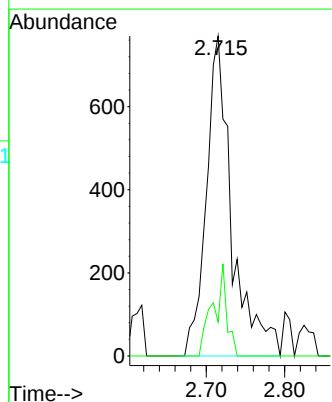
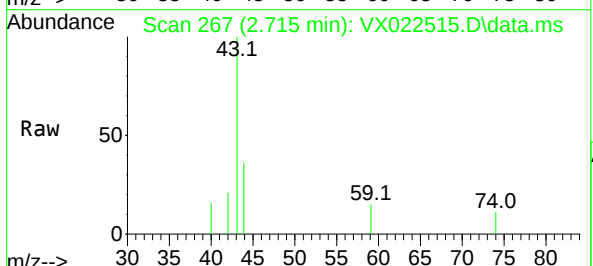
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

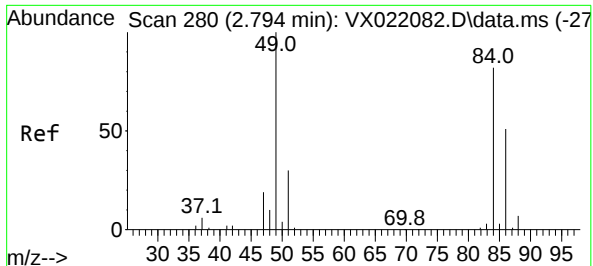
Tgt Ion: 43 Resp: 8693
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8



#18
Methyl Acetate
Concen: 1.653 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion: 43 Resp: 1742
Ion Ratio Lower Upper
43 100
74 15.3 21.9 32.9#





#20

Methylene Chloride

Concen: 5.081 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022515.D

Acq: 07 Jun 2021 06:40

Instrument :

MSVOA_X

ClientSampleId :

PB136857ZHE#09

Tgt Ion: 84 Resp: 4469

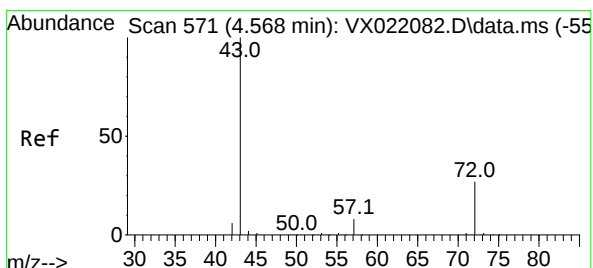
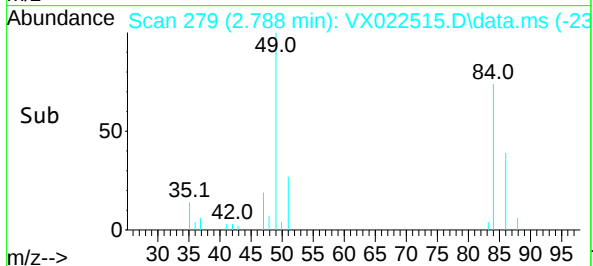
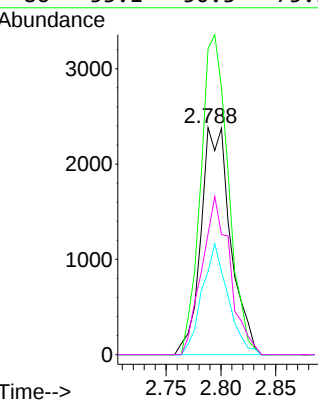
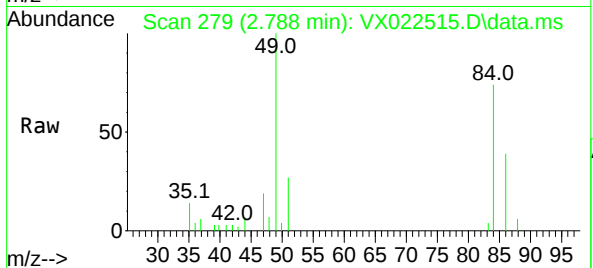
Ion Ratio Lower Upper

84 100

49 134.8 88.6 132.8#

51 36.5 27.0 40.6

86 53.1 50.3 75.5



#25

2-Butanone

Concen: 3.464 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022515.D

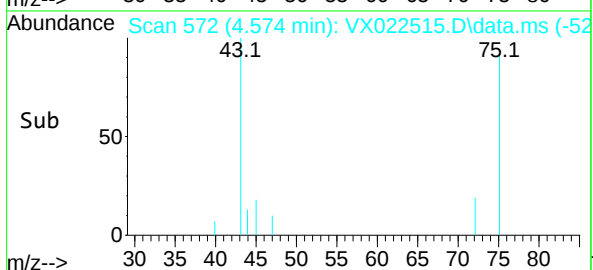
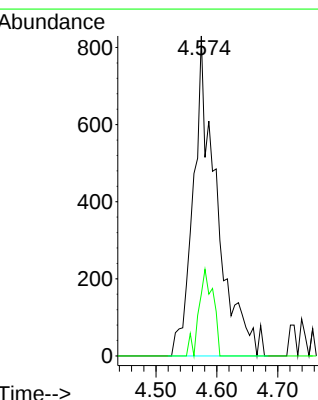
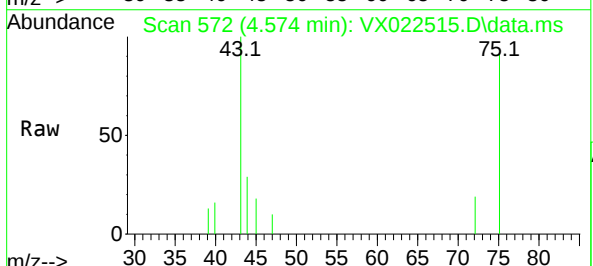
Acq: 07 Jun 2021 06:40

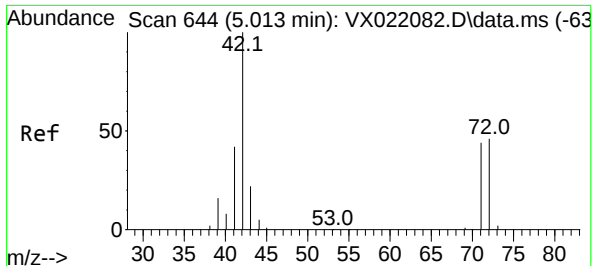
Tgt Ion: 43 Resp: 2220

Ion Ratio Lower Upper

43 100

72 19.3 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.688 ug/l

RT: 5.032 min Scan# 647

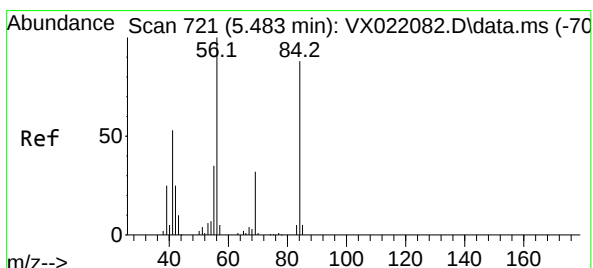
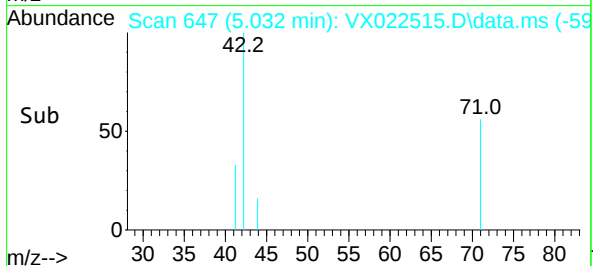
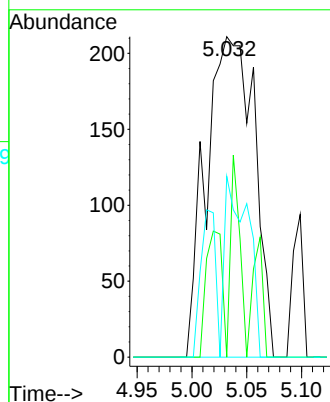
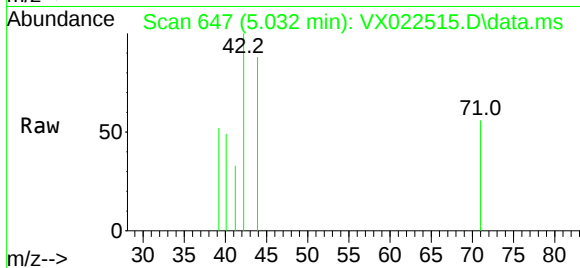
Delta R.T. 0.019 min

Lab File: VX022515.D

Acq: 07 Jun 2021 06:40

Tgt Ion:	42	Resp:	644
Ion	Ratio	Lower	Upper
42	100		
72	12.0	41.7	62.5#
71	27.5	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09



#31

Cyclohexane

Concen: 1.553 ug/l

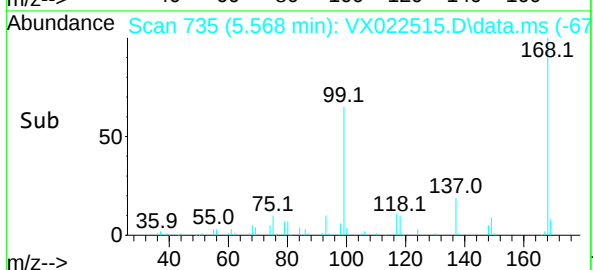
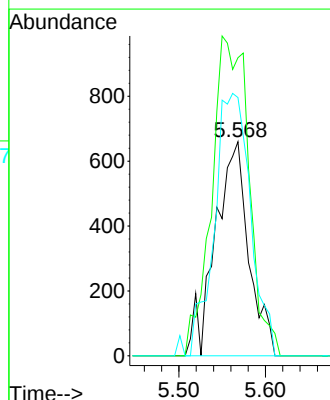
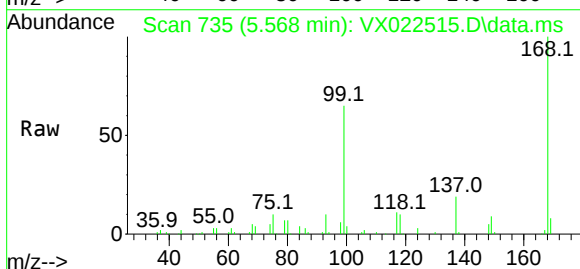
RT: 5.568 min Scan# 735

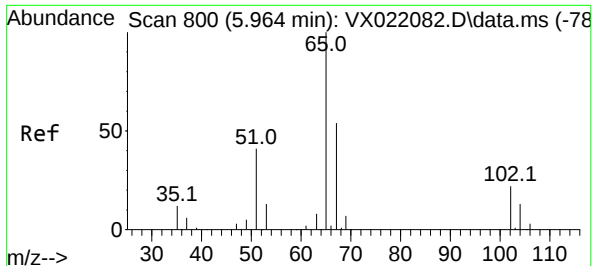
Delta R.T. 0.085 min

Lab File: VX022515.D

Acq: 07 Jun 2021 06:40

Tgt Ion:	56	Resp:	1776
Ion	Ratio	Lower	Upper
56	100		
69	139.2	25.3	37.9#
84	120.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 55.933 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022515.D

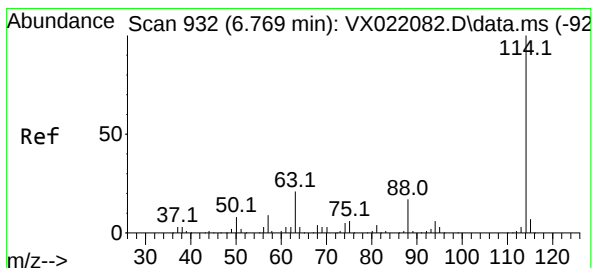
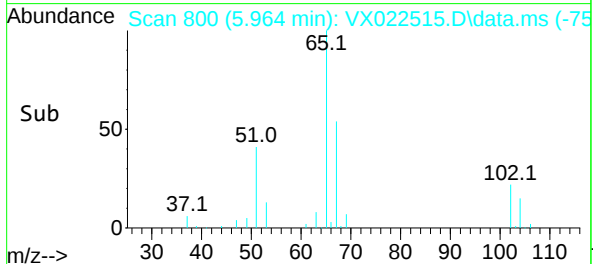
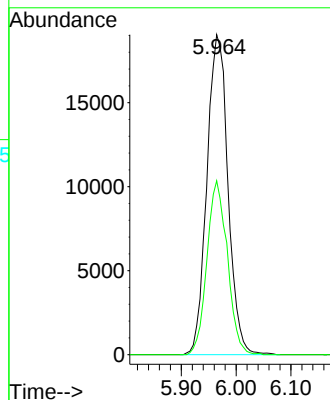
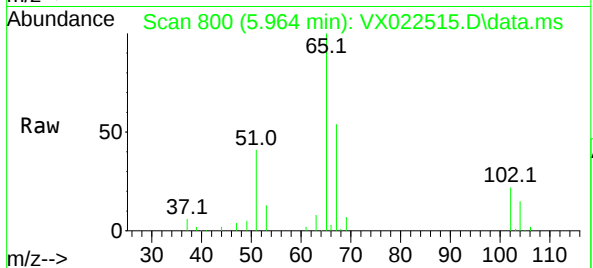
Acq: 07 Jun 2021 06:40

Tgt Ion: 65 Resp: 50887

Ion Ratio Lower Upper

65 100

67 52.6 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: VX022515.D

Acq: 07 Jun 2021 06:40

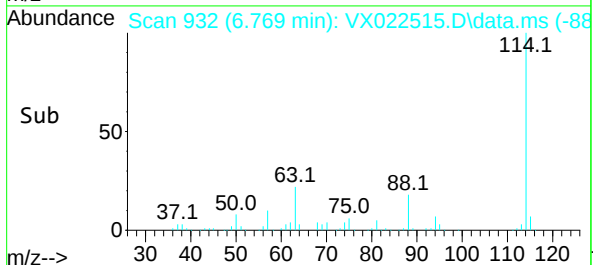
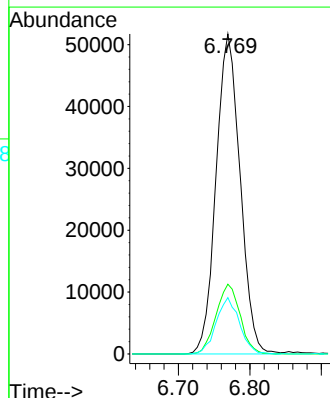
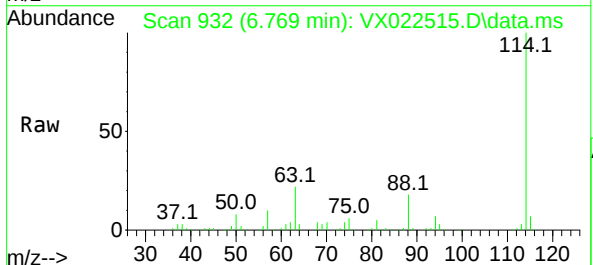
Tgt Ion: 114 Resp: 120640

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.864 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022515.D

Acq: 07 Jun 2021 06:40

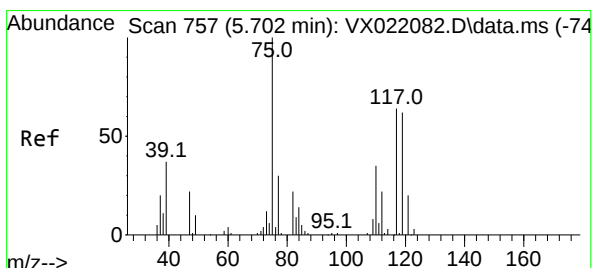
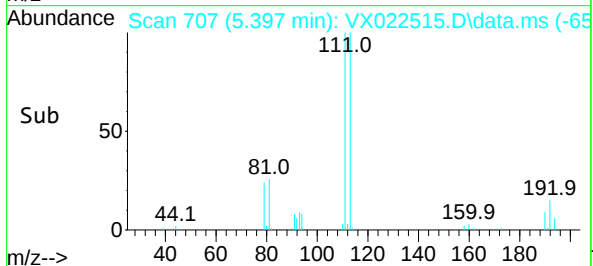
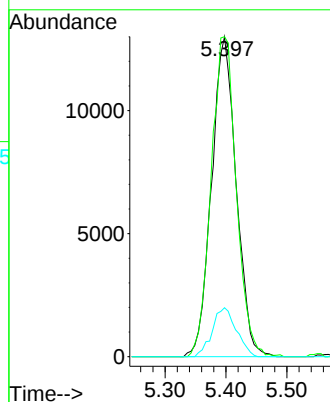
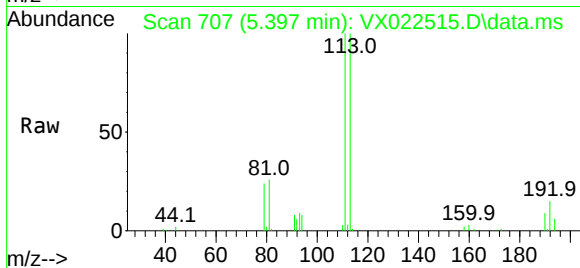
Tgt Ion:113 Resp: 36618

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 14.9 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.259 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022515.D

Acq: 07 Jun 2021 06:40

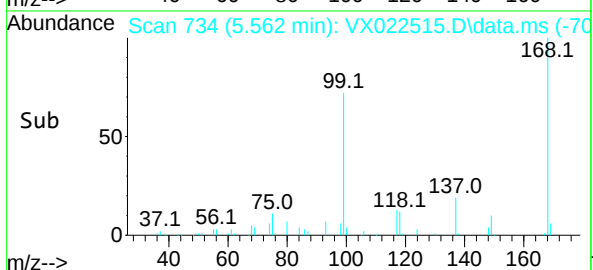
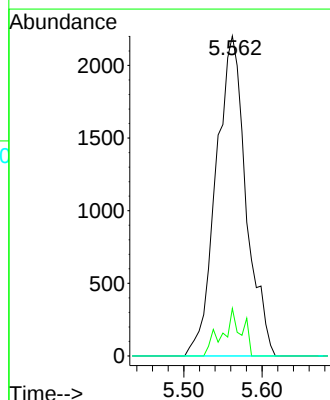
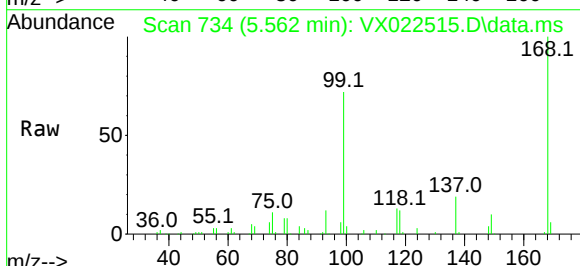
Tgt Ion: 75 Resp: 5867

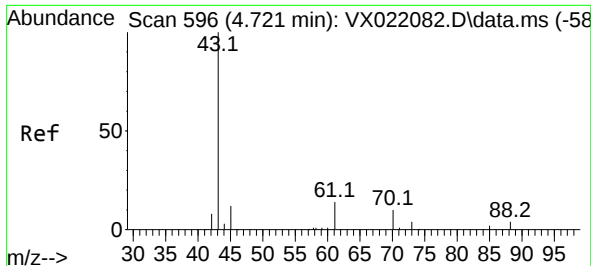
Ion Ratio Lower Upper

75 100

110 7.4 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.623 ug/l

RT: 4.574 min Scan# 572

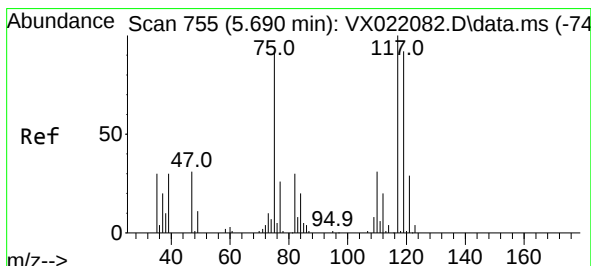
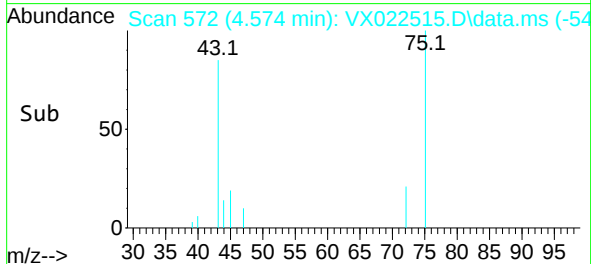
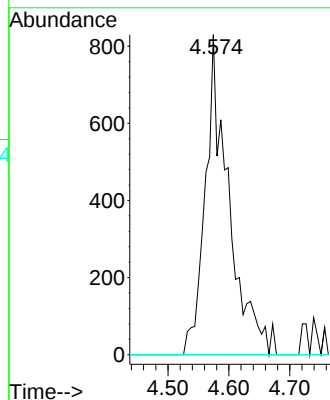
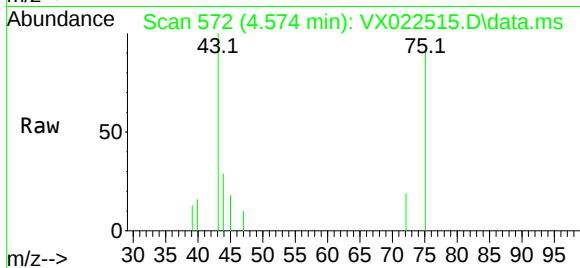
Delta R.T. -0.147 min

Lab File: VX022515.D

Acq: 07 Jun 2021 06:40

Tgt Ion: 43	Resp: 2220
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09



#38

Carbon Tetrachloride

Concen: 6.521 ug/l

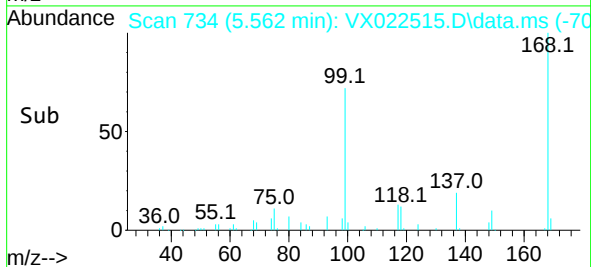
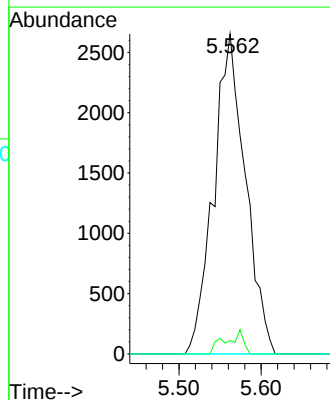
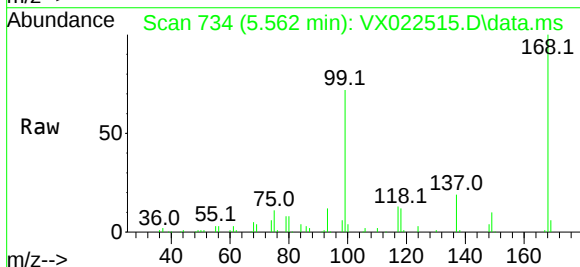
RT: 5.562 min Scan# 734

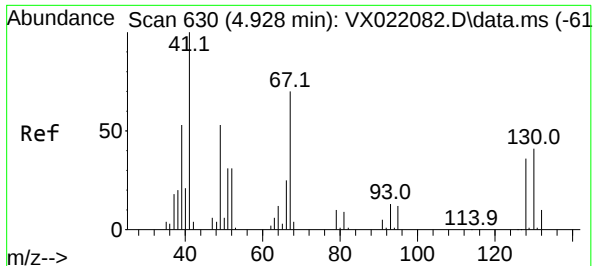
Delta R.T. -0.128 min

Lab File: VX022515.D

Acq: 07 Jun 2021 06:40

Tgt Ion: 117	Resp: 7116
Ion Ratio	Lower Upper
117 100	
119 4.2	76.2 114.2#
121 0.0	24.8 37.2#



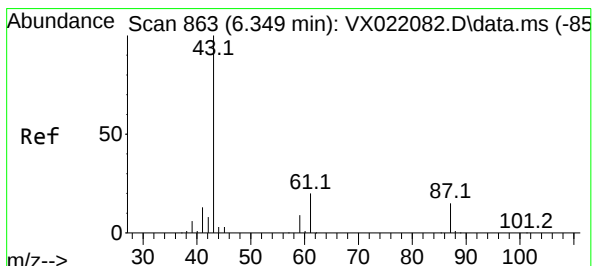
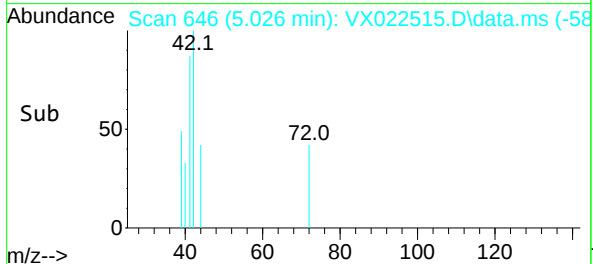
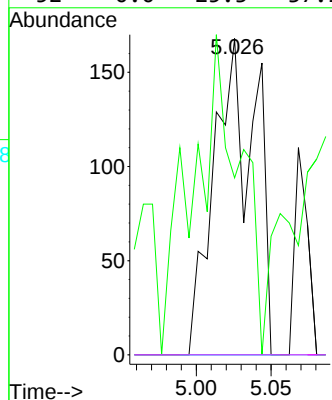
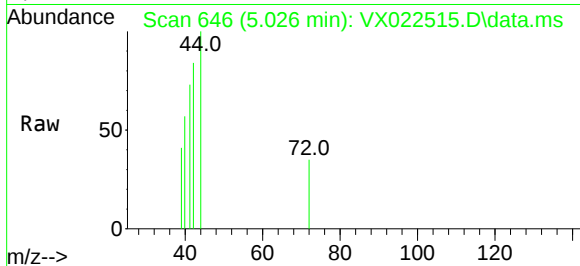


#41
Methacrylonitrile
Concen: 0.437 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.098 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

Tgt Ion: 41 Resp: 320

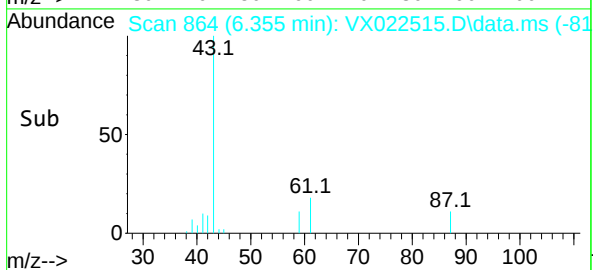
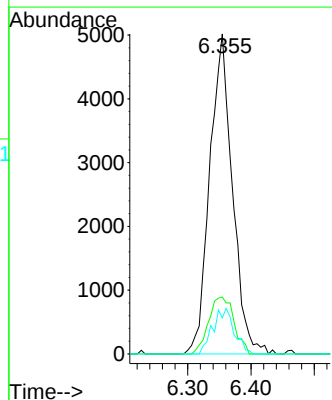
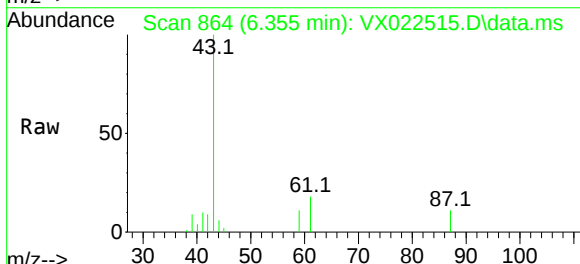
Ion	Ratio	Lower	Upper
41	100		
39	88.4	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

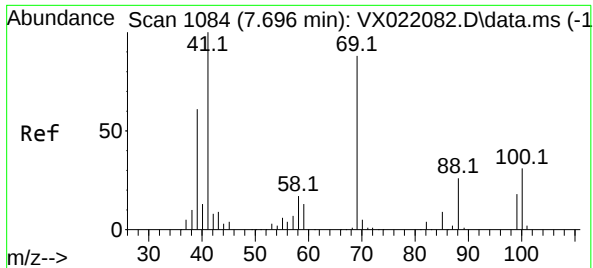


#43
Isopropyl Acetate
Concen: 5.593 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion: 43 Resp: 12511

Ion	Ratio	Lower	Upper
43	100		
61	19.8	18.2	27.4
87	13.3	12.5	18.7

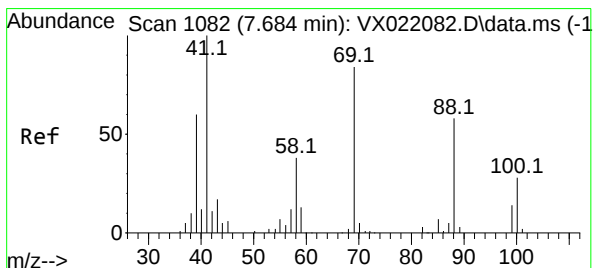
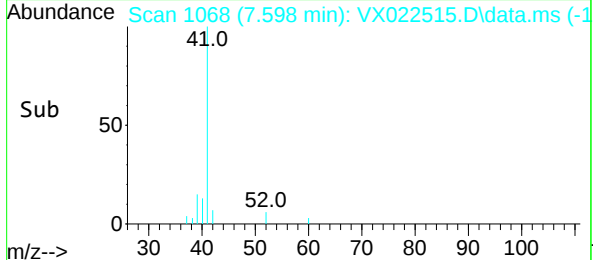
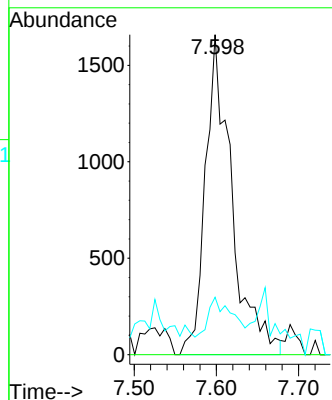
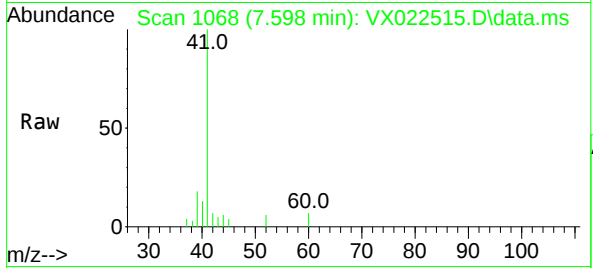




#48
Methyl methacrylate
Concen: 3.587 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

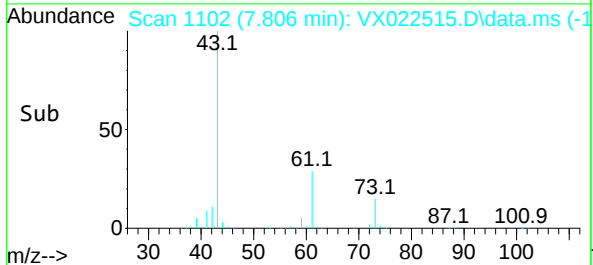
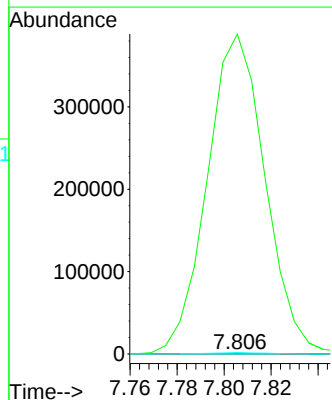
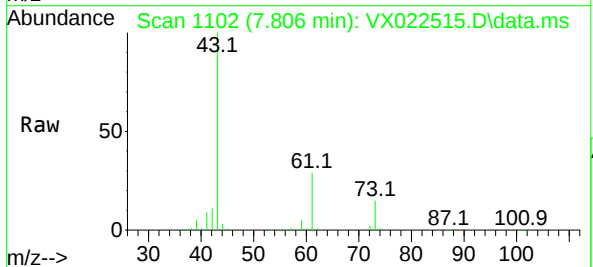
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

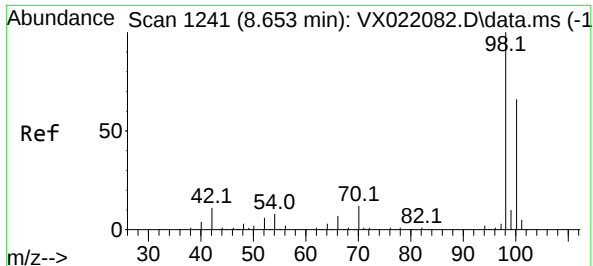
Tgt Ion: 41 Resp: 3698
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.488 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.122 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 959765.7 23.2 34.8#
58 3774.3 55.0 82.4#

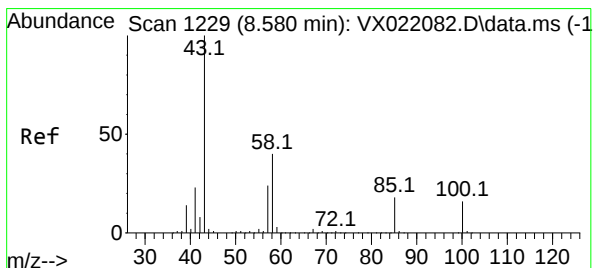
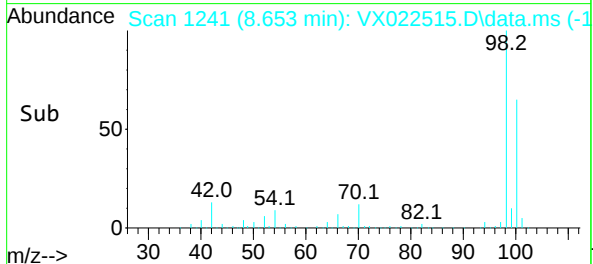
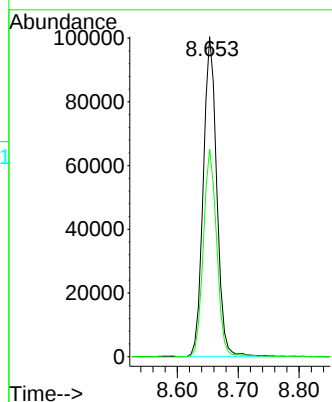
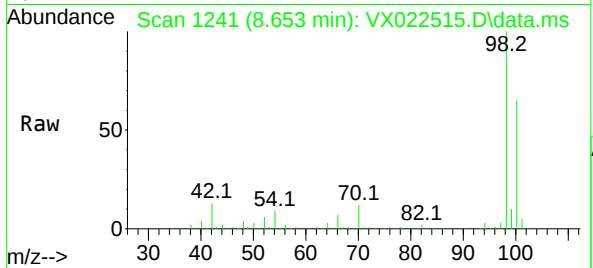




#50
Toluene-d8
Concen: 52.599 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

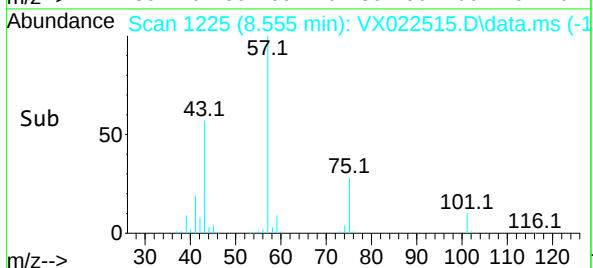
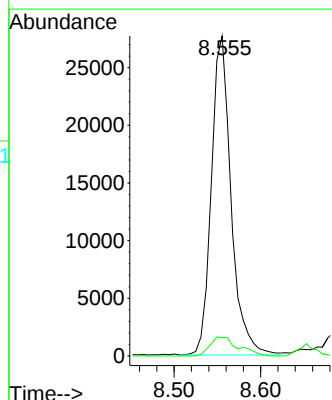
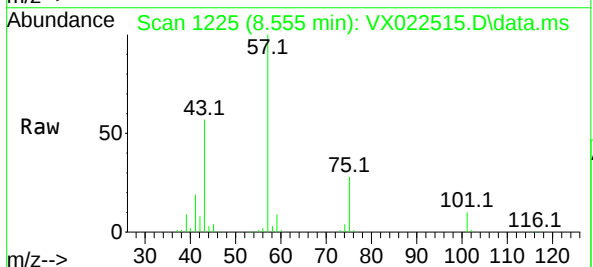
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

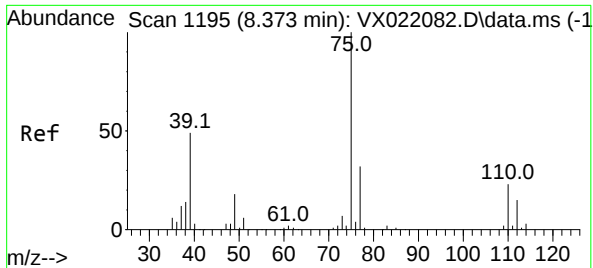
Tgt Ion: 98 Resp: 155010
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 32.598 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion: 43 Resp: 43676
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#

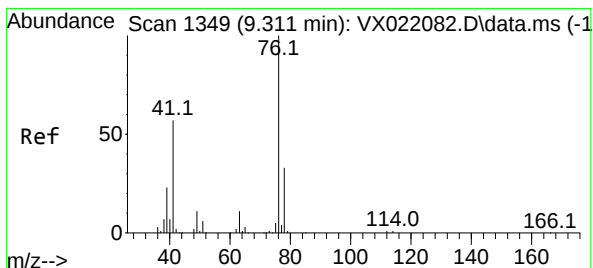
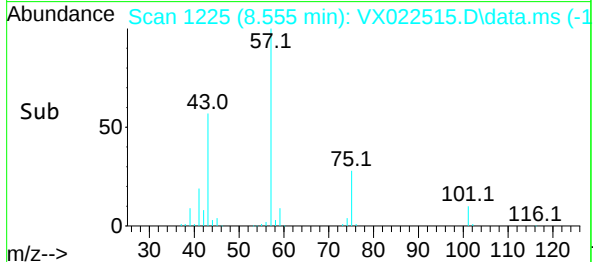
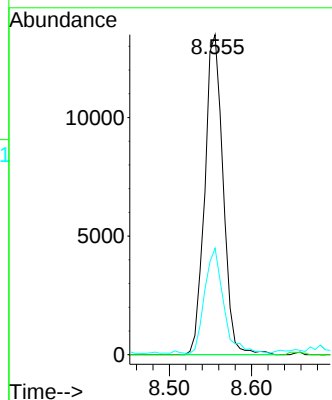
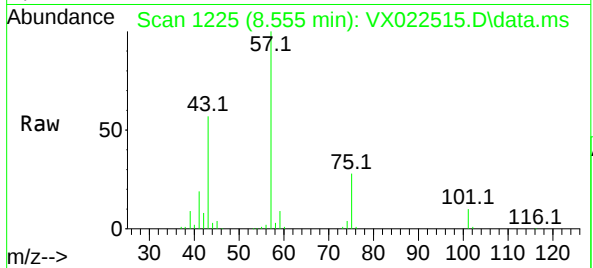




#54
 cis-1,3-Dichloropropene
 Concen: 14.133 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022515.D
 Acq: 07 Jun 2021 06:40

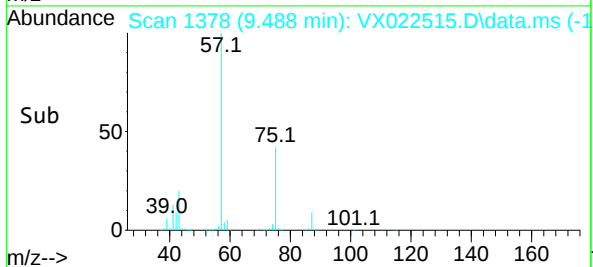
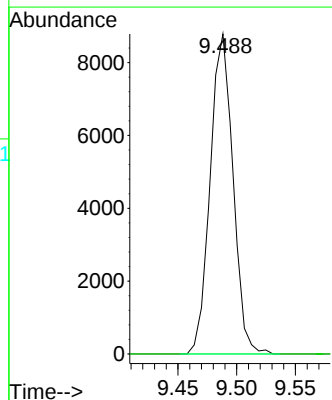
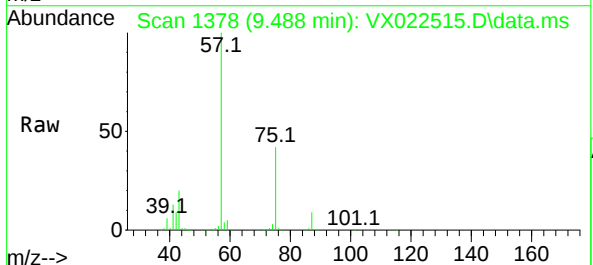
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#09

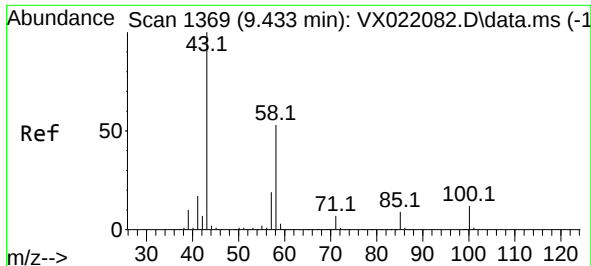
Tgt Ion: 75 Resp: 20848
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 32.7 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 7.879 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022515.D
 Acq: 07 Jun 2021 06:40

Tgt Ion: 76 Resp: 11870
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

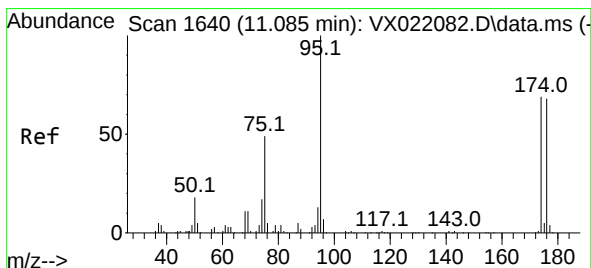
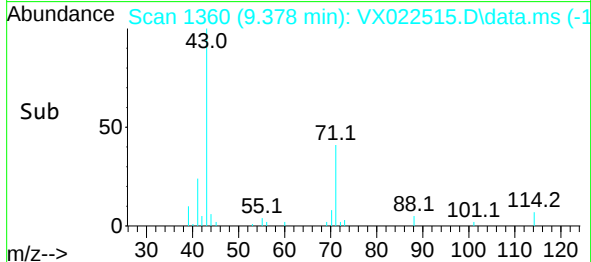
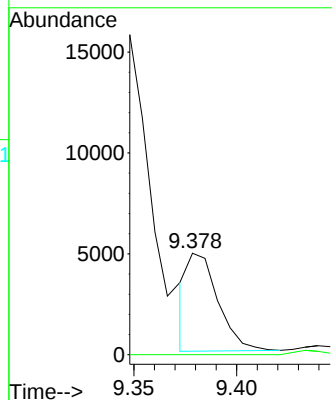
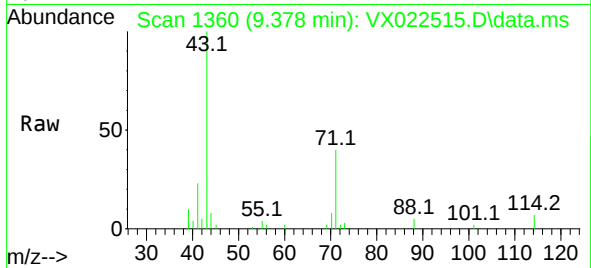




#59
2-Hexanone
Concen: 4.969 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

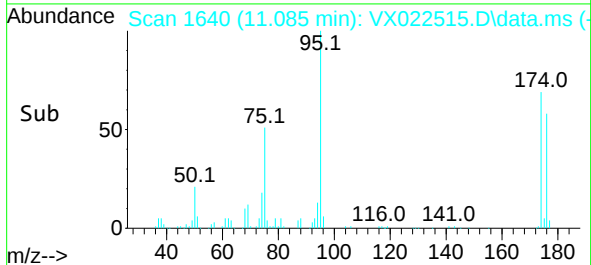
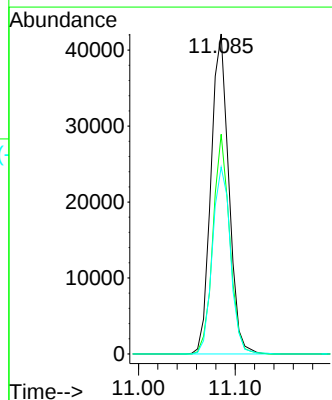
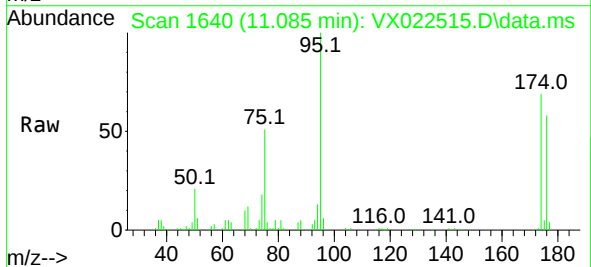
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

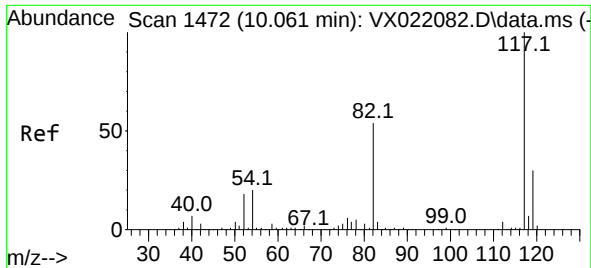
Tgt Ion: 43 Resp: 5007
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.477 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion: 95 Resp: 53894
Ion Ratio Lower Upper
95 100
174 64.3 0.0 154.6
176 59.3 0.0 155.8

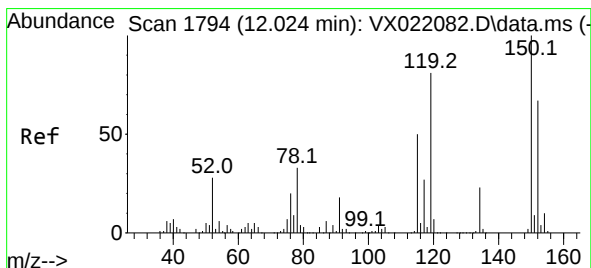
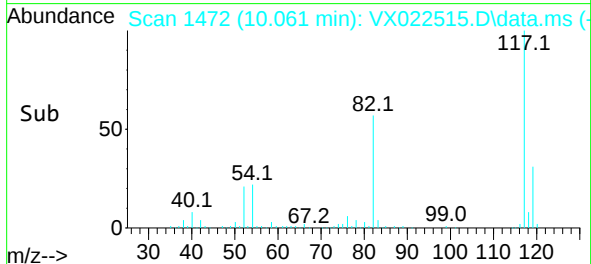
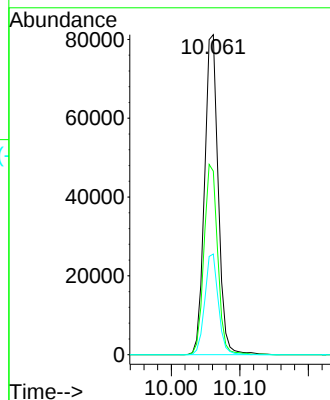
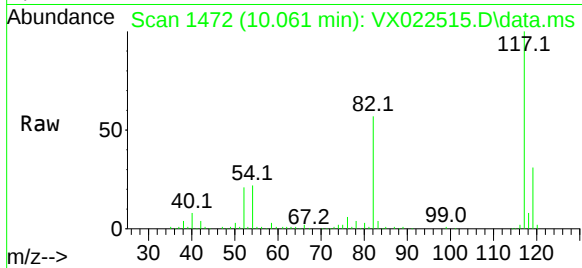




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

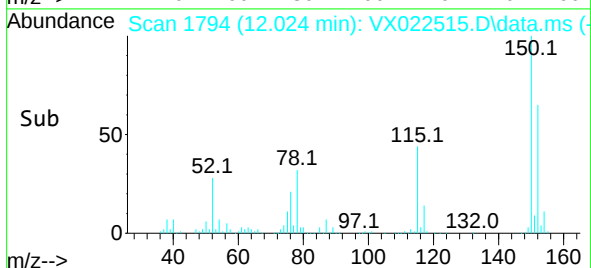
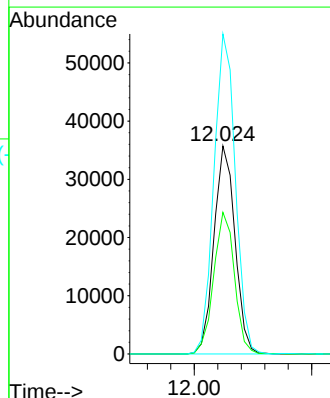
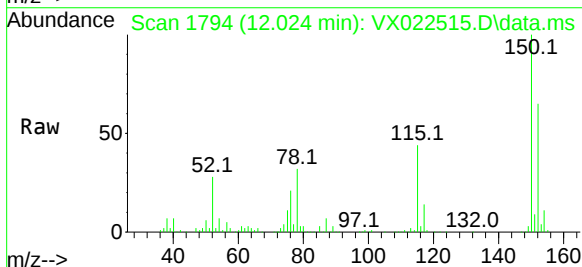
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

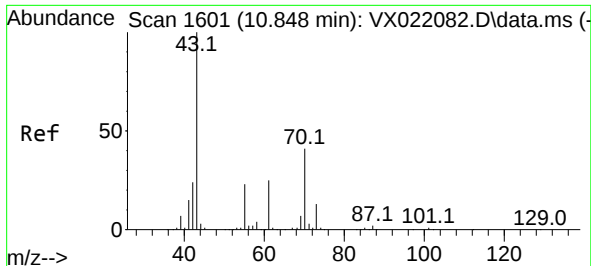
Tgt Ion:117 Resp: 112955
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion:152 Resp: 44434
Ion Ratio Lower Upper
152 100
115 67.2 41.1 123.3
150 156.4 0.0 349.0

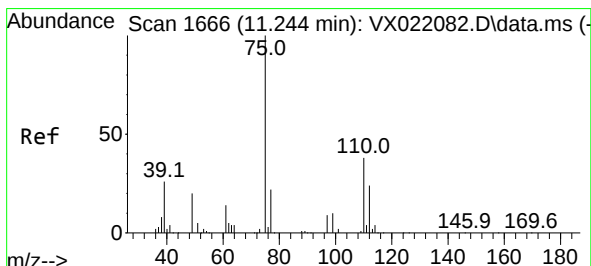
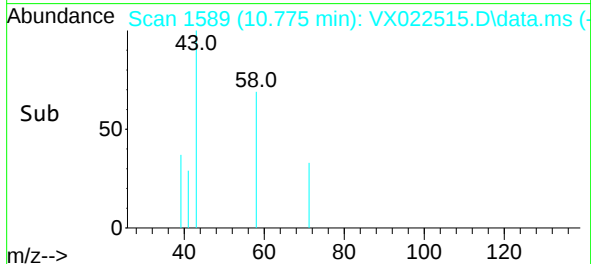
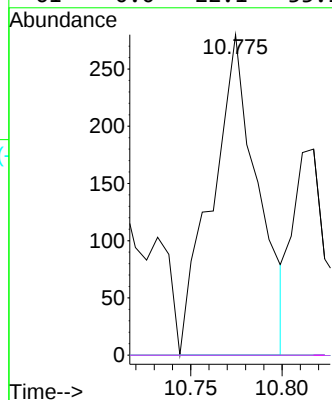
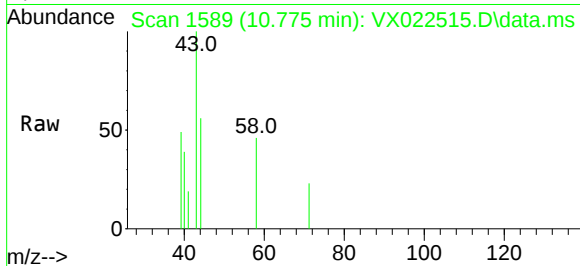




#74
N-amy1 acetate
Concen: 0.273 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

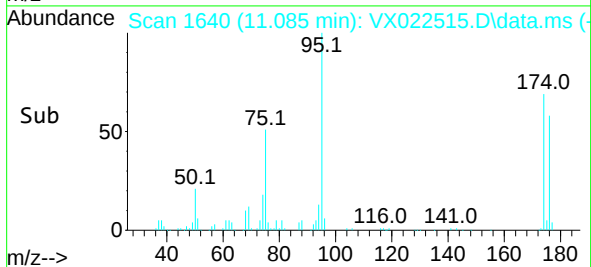
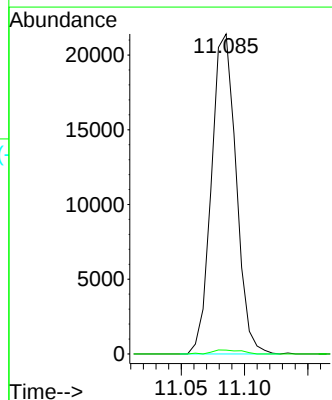
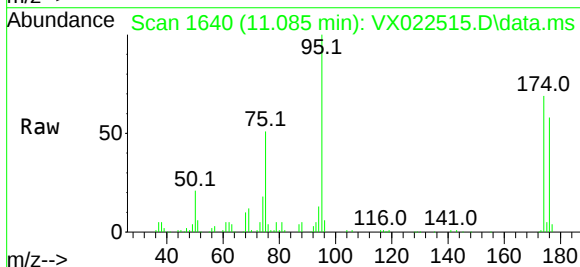
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

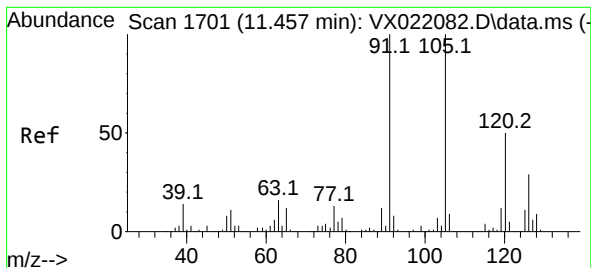
Tgt Ion:	43	Resp:	487
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 26.476 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion:	75	Resp:	29023
Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.1	57.5#

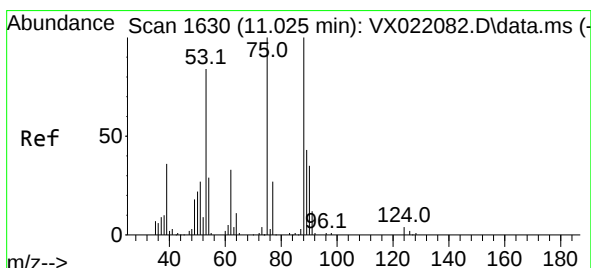
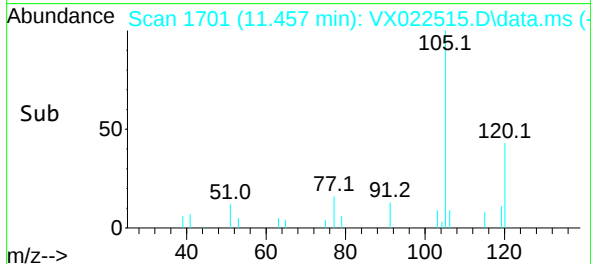
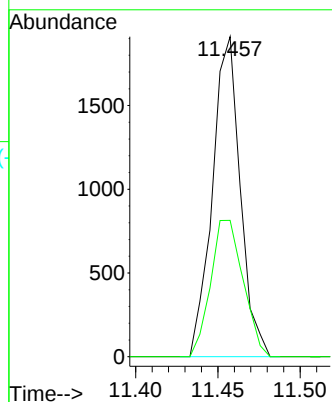
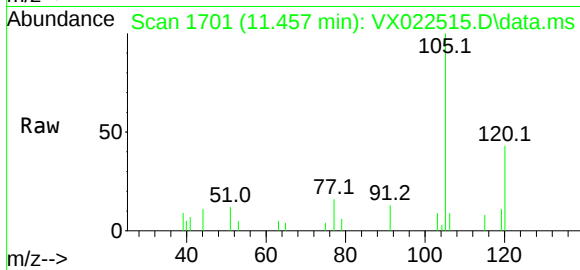




#80
1,3,5-Trimethylbenzene
Concen: 0.721 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#09

Tgt Ion:105 Resp: 2248
Ion Ratio Lower Upper
105 100
120 49.8 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.731 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022515.D
Acq: 07 Jun 2021 06:40

Tgt Ion: 75 Resp: 29023
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

