

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026850.D
 Acq On : 09 Feb 2022 02:48
 Operator : JC/MD
 Sample : PB142539ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142539ZHE#03

Quant Time: Feb 09 05:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

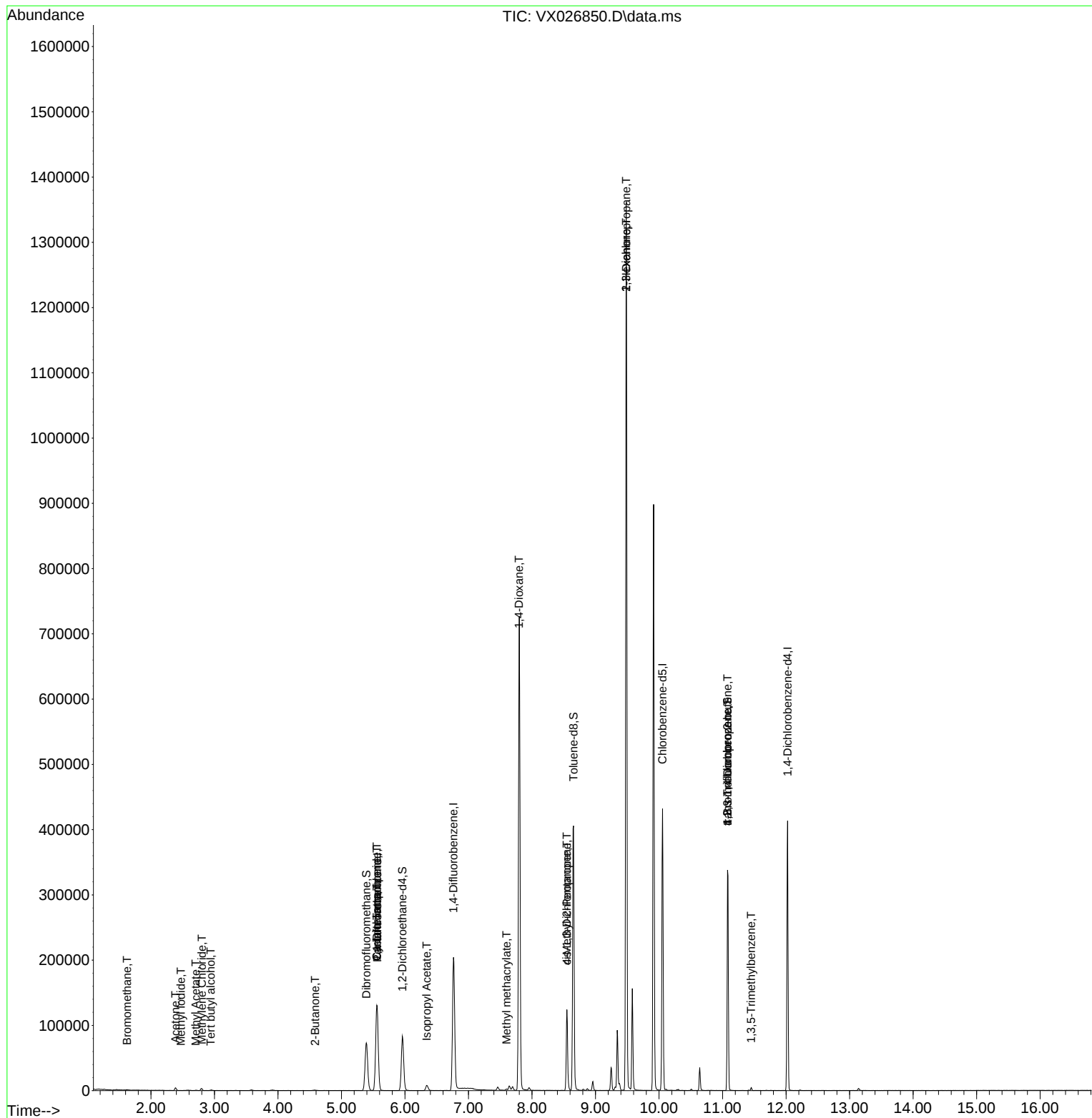
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	124847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79844	53.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.560%
35) Dibromofluoromethane	5.391	113	65101	52.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	8.653	98	247637	54.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.180%
62) 4-Bromofluorobenzene	11.079	95	94757	58.784	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	130	0.232	ug/l	94
6) Chloroethane	1.709	64	67	Below Cal	#	43
10) Methyl Iodide	2.471	142	42	2.277	ug/l #	37
11) Tert butyl alcohol	2.940	59	567	2.094	ug/l #	75
16) Acetone	2.386	43	4902	7.447	ug/l	98
18) Methyl Acetate	2.703	43	774	0.409	ug/l #	87
20) Methylene Chloride	2.800	84	1466	1.028	ug/l	85
25) 2-Butanone	4.586	43	1068	1.007	ug/l	90
31) Cyclohexane	5.556	56	2517	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9513	4.835	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12899	6.251	ug/l #	16
43) Isopropyl Acetate	6.342	43	11326	3.292	ug/l	99
48) Methyl methacrylate	7.598	41	3309	1.941	ug/l #	16
49) 1,4-Dioxane	7.793	88	22	0.749	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	43236	20.737	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	19777	9.315	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	11730	4.970	ug/l #	43
59) 2-Hexanone	9.482	43	164436	107.823	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47230	25.742	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2094	0.385	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	47230	78.417	ug/l #	3

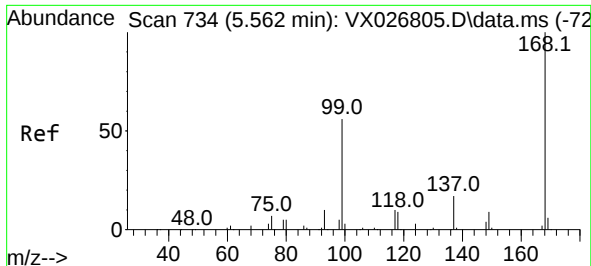
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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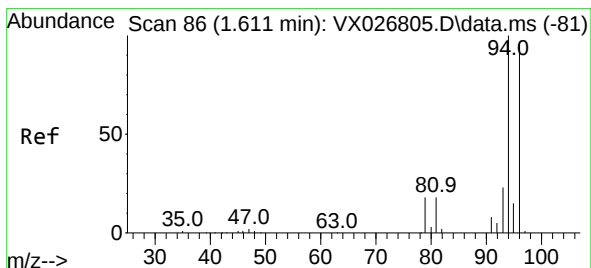
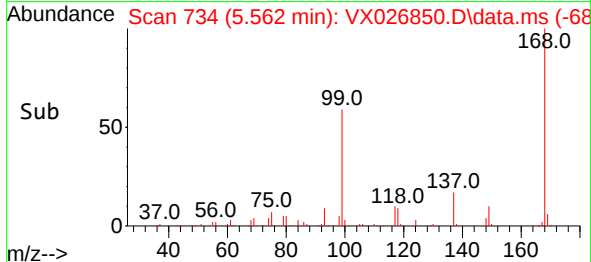
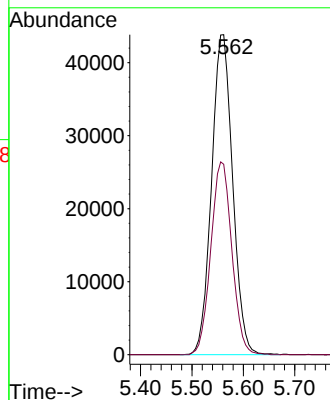
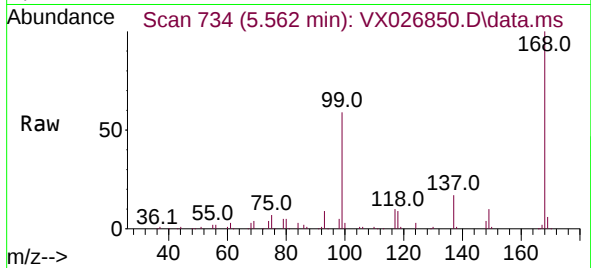




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

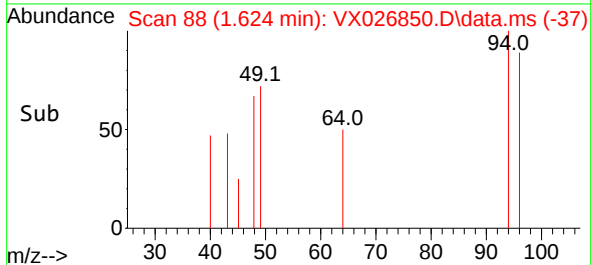
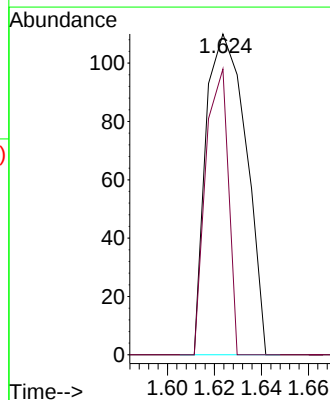
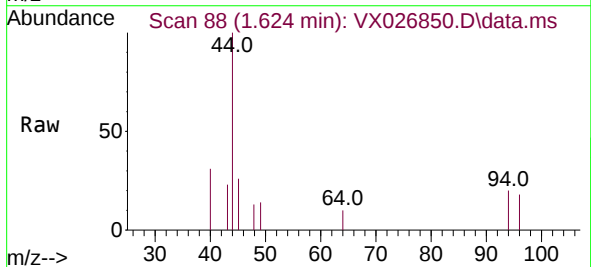
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#03

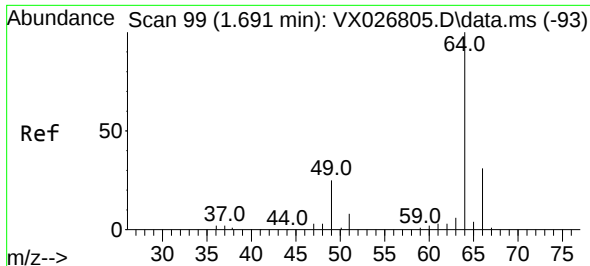
Tgt Ion:168 Resp: 124847
Ion Ratio Lower Upper
168 100
99 59.5 50.3 75.5



#5
Bromomethane
Concen: 0.232 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 89.1 75.9 113.9

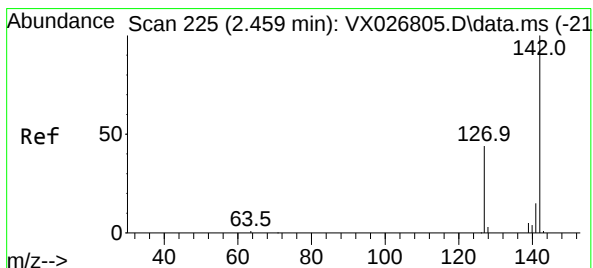
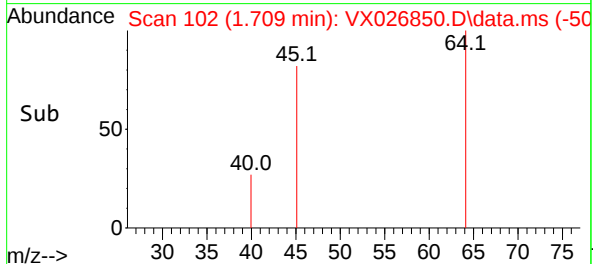
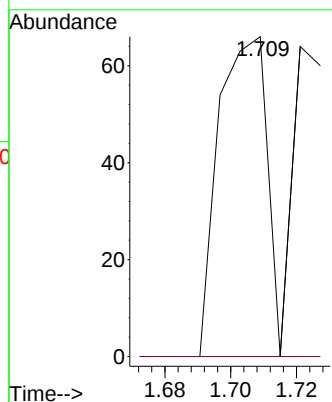
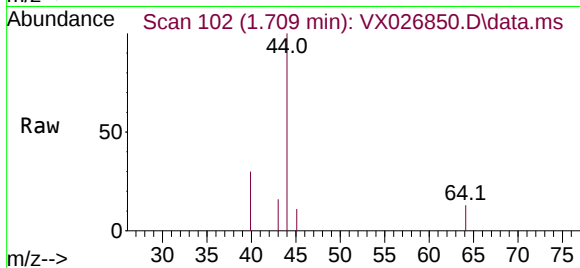




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 10
Delta R.T. 0.018 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

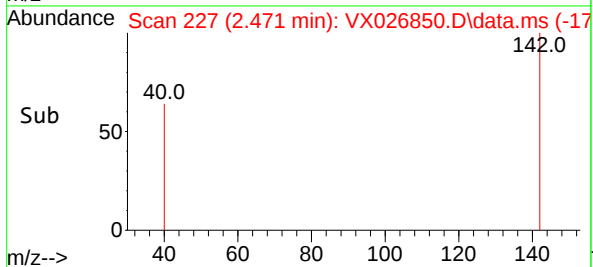
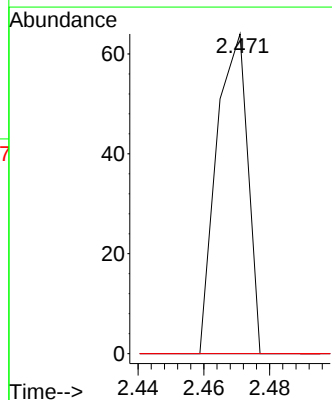
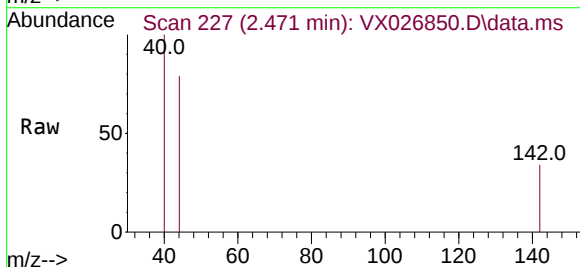
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#03

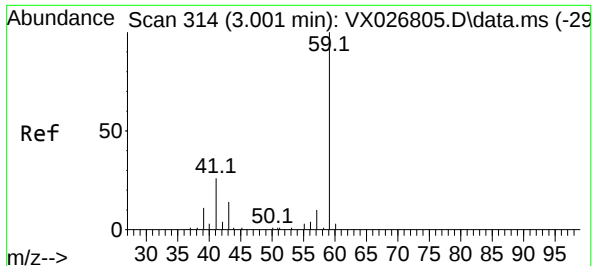
Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 2.277 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Tgt Ion: 142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 2.094 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.061 min

Lab File: VX026850.D

Acq: 09 Feb 2022 02:48

Instrument :

MSVOA_X

ClientSampleId :

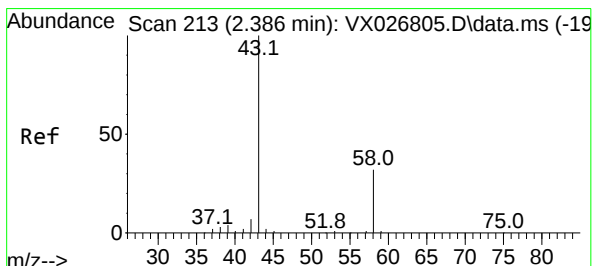
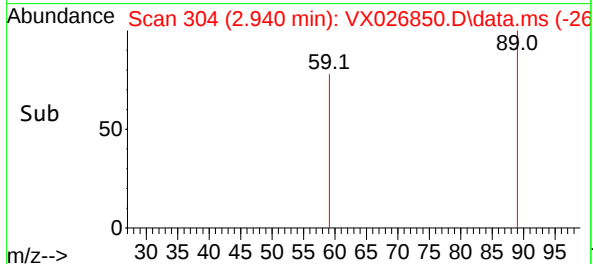
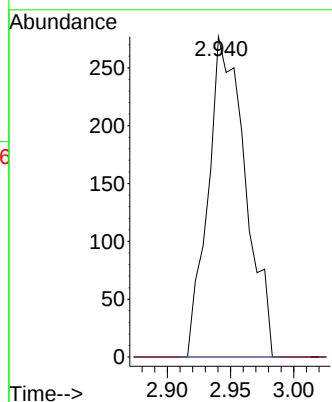
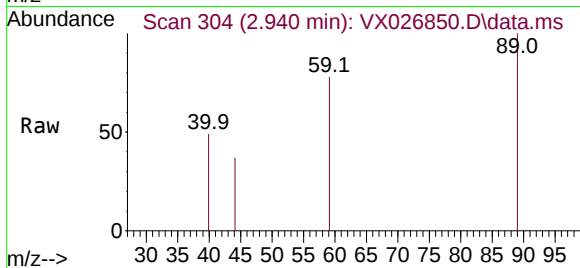
PB142539ZHE#03

Tgt Ion: 59 Resp: 567

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 7.447 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026850.D

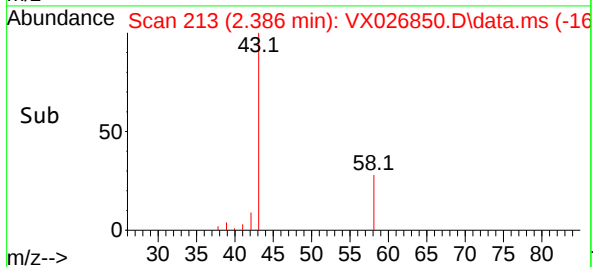
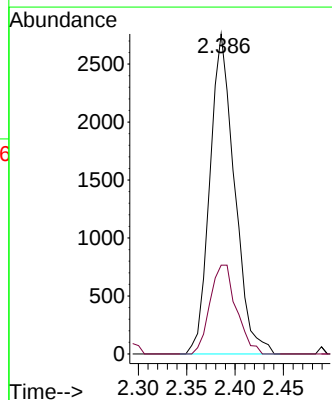
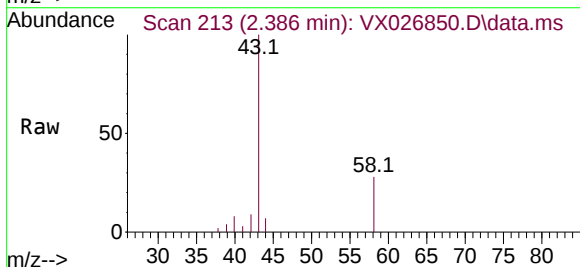
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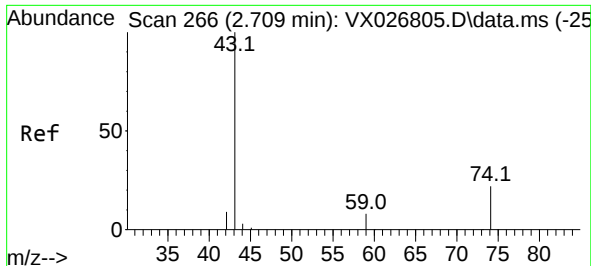
Tgt Ion: 43 Resp: 4902

Ion Ratio Lower Upper

43 100

58 27.8 23.0 34.6

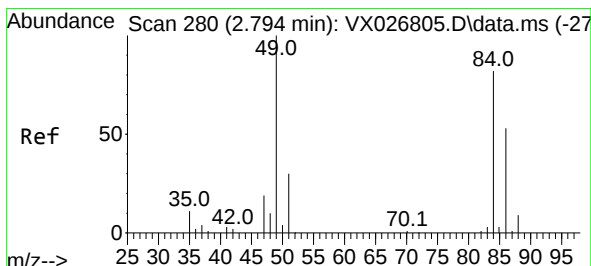
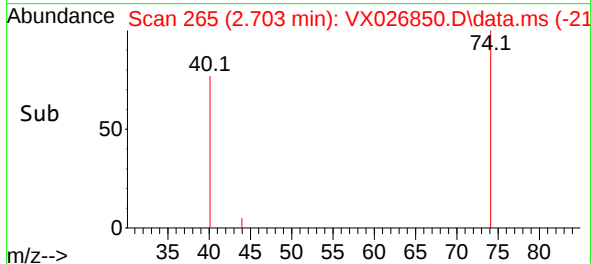
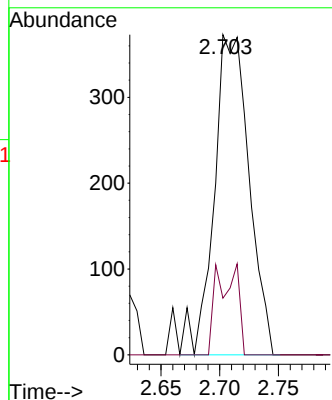
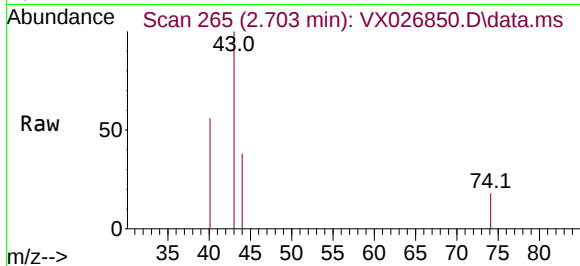




#18
Methyl Acetate
Concen: 0.409 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

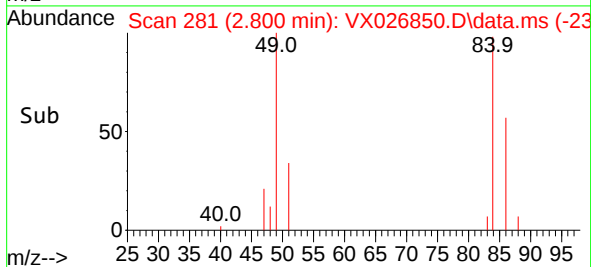
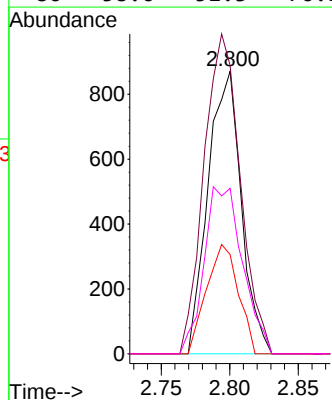
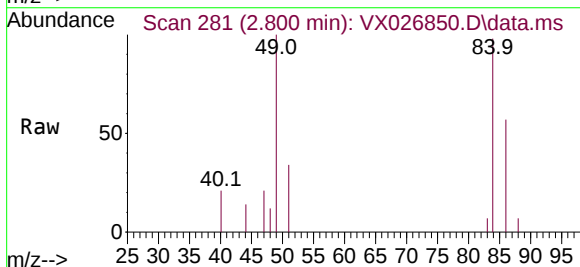
Instrument :
MSVOA_X
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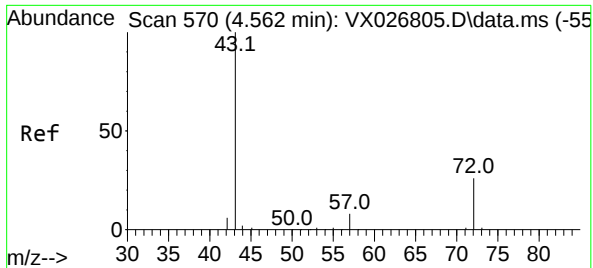
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
74 16.8 18.3 27.5#



#20
Methylene Chloride
Concen: 1.028 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Tgt Ion: 84 Resp: 1466
Ion Ratio Lower Upper
84 100
49 102.1 101.5 152.3
51 35.1 31.2 46.8
86 58.6 51.3 76.9

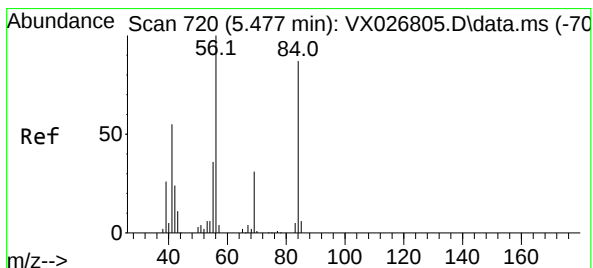
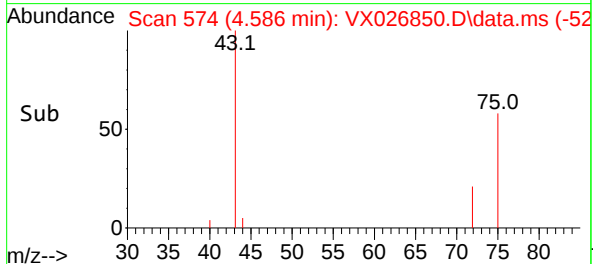
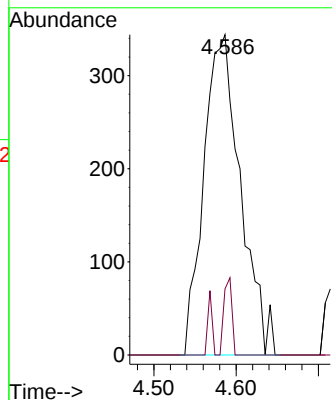
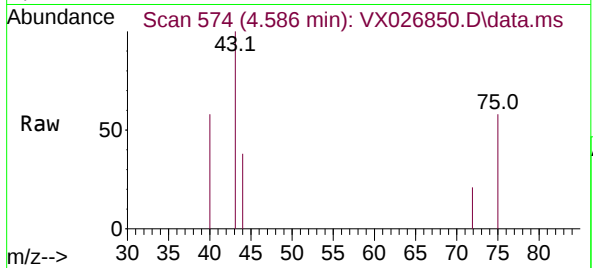




#25
2-Butanone
Concen: 1.007 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

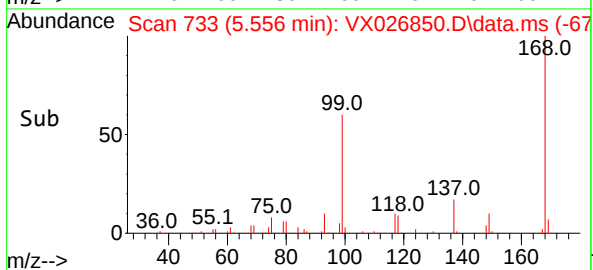
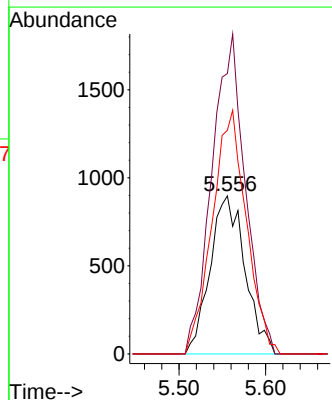
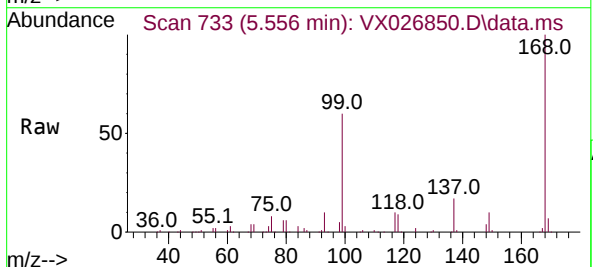
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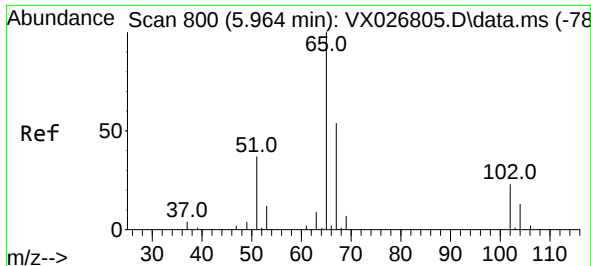
Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
72 20.6 20.4 30.6



#31
Cyclohexane
Concen: 1.057 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Tgt Ion: 56 Resp: 2517
Ion Ratio Lower Upper
56 100
69 177.6 25.8 38.6#
84 141.6 68.9 103.3#

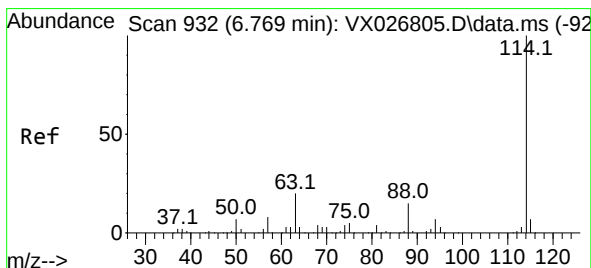
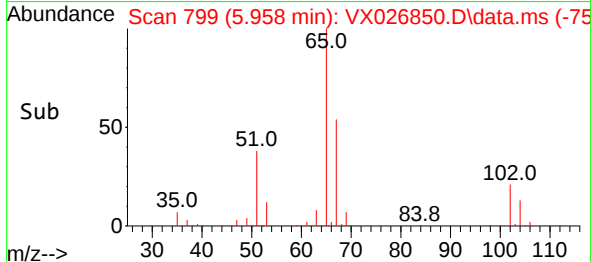
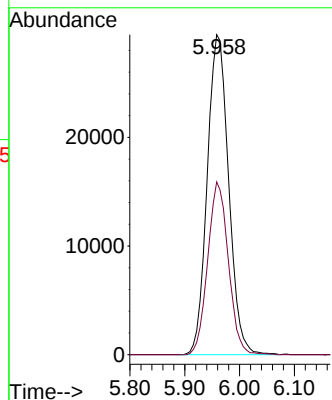
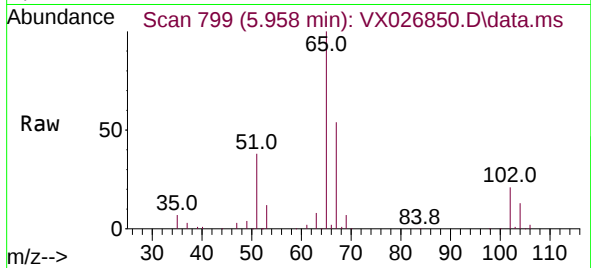




#33
 1,2-Dichloroethane-d4
 Concen: 53.277 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026850.D
 Acq: 09 Feb 2022 02:48

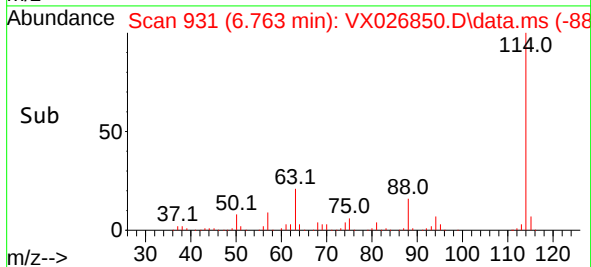
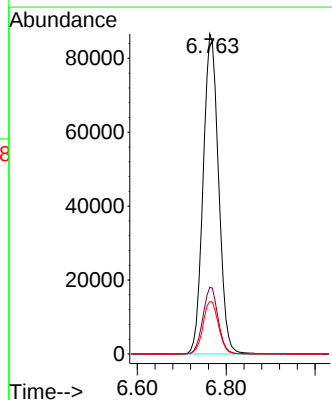
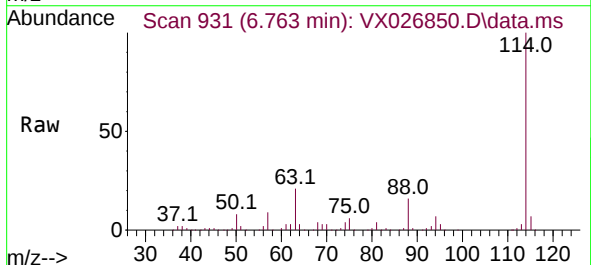
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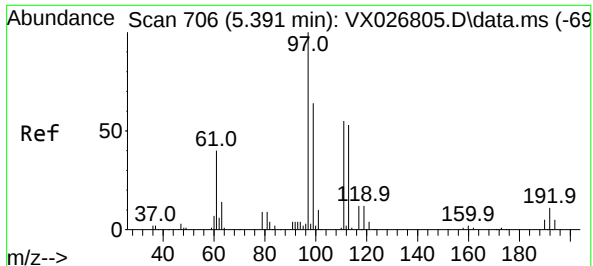
Tgt Ion: 65 Resp: 79844
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX026850.D
 Acq: 09 Feb 2022 02:48

Tgt Ion: 114 Resp: 209357
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.193 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026850.D

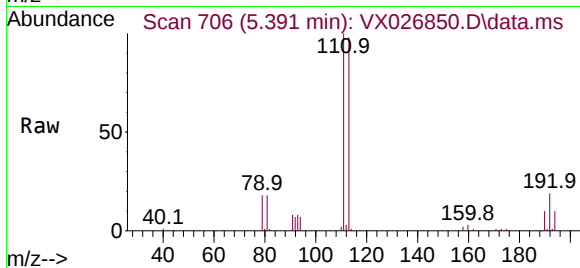
Acq: 09 Feb 2022 02:48

Instrument :

MSVOA_X

ClientSampleId :

PB142539ZHE#03



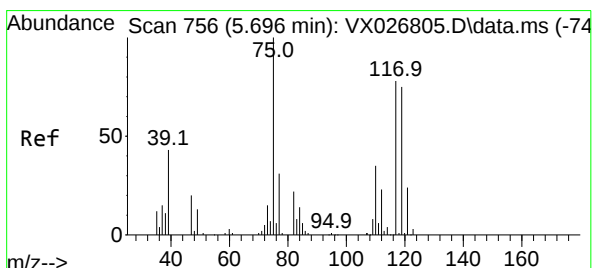
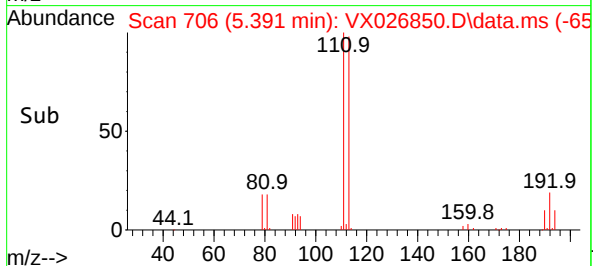
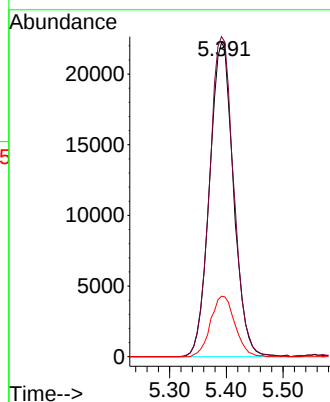
Tgt Ion:113 Resp: 65101

Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

192 19.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.835 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026850.D

Acq: 09 Feb 2022 02:48

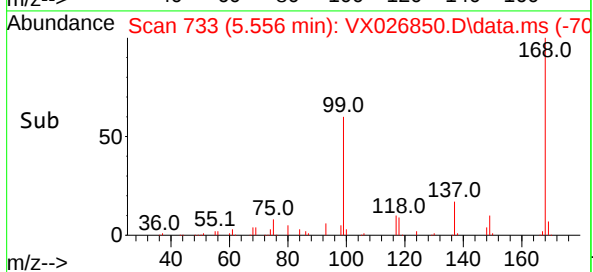
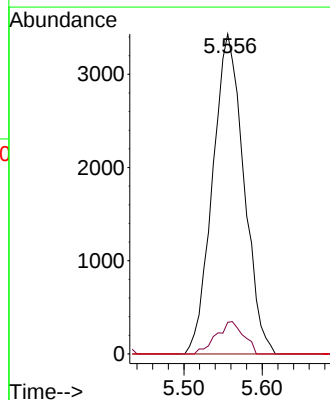
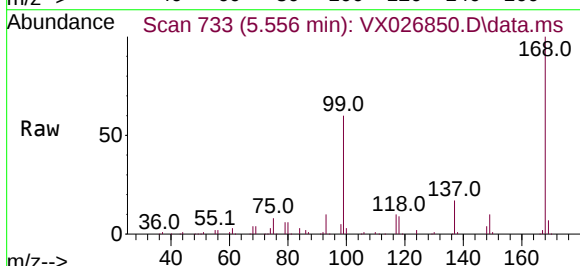
Tgt Ion: 75 Resp: 9513

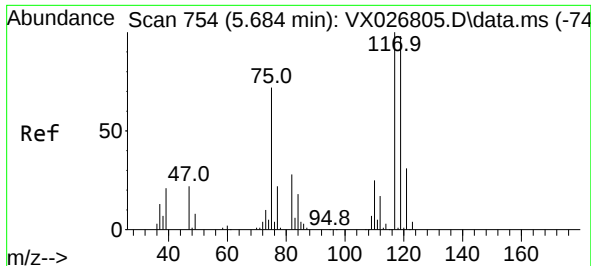
Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

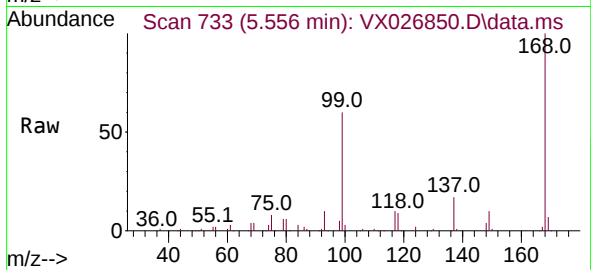
77 0.0 24.6 36.8#



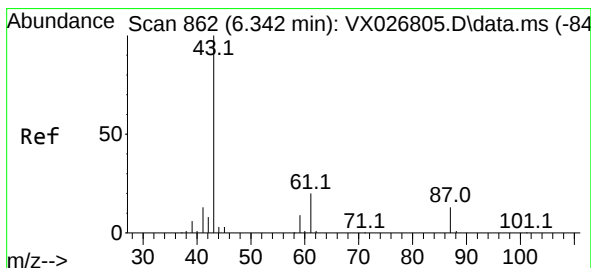
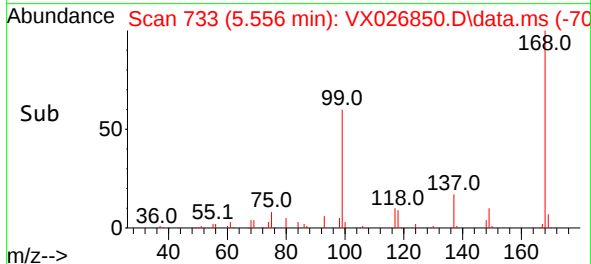
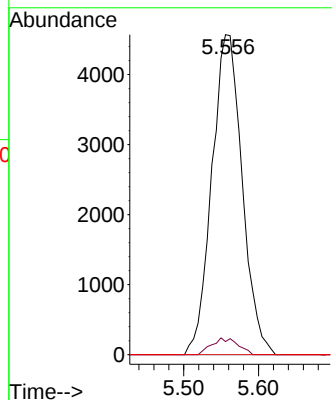


#38
Carbon Tetrachloride
Concen: 6.251 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#03

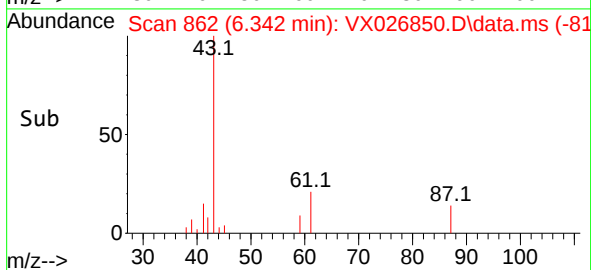
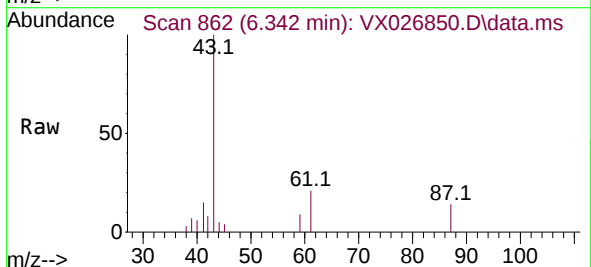
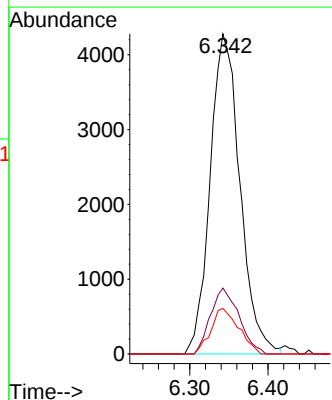


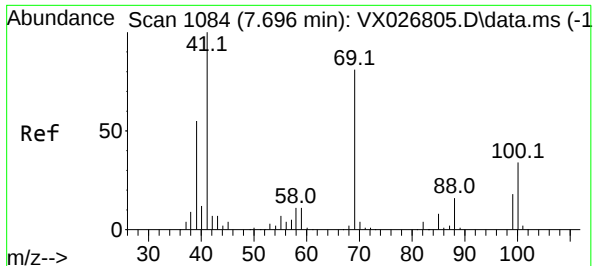
Tgt Ion:117 Resp: 12899
Ion Ratio Lower Upper
117 100
119 4.1 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.292 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Tgt Ion: 43 Resp: 11326
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 13.3 10.2 15.2





#48

Methyl methacrylate

Concen: 1.941 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX026850.D

Acq: 09 Feb 2022 02:48

Instrument :

MSVOA_X

ClientSampleId :

PB142539ZHE#03

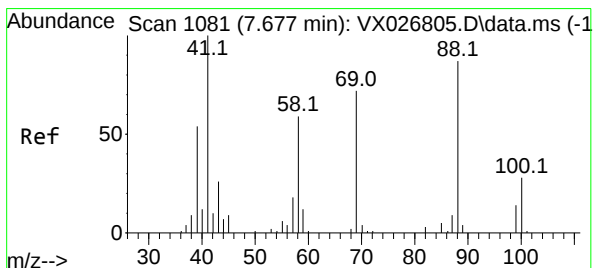
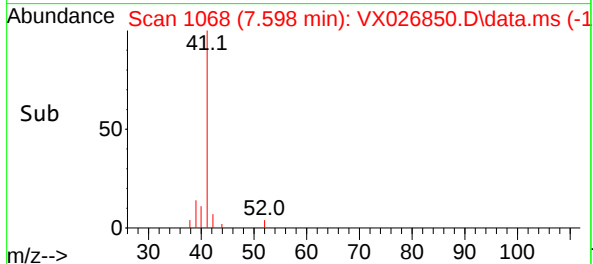
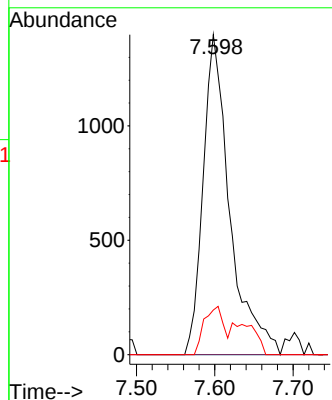
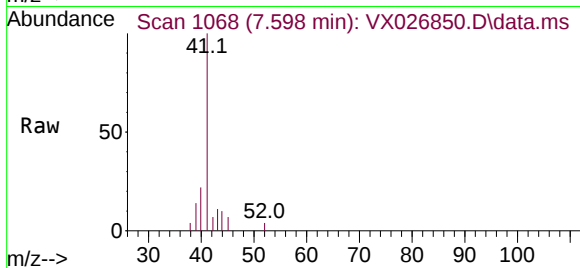
Tgt Ion: 41 Resp: 3309

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 0.749 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.116 min

Lab File: VX026850.D

Acq: 09 Feb 2022 02:48

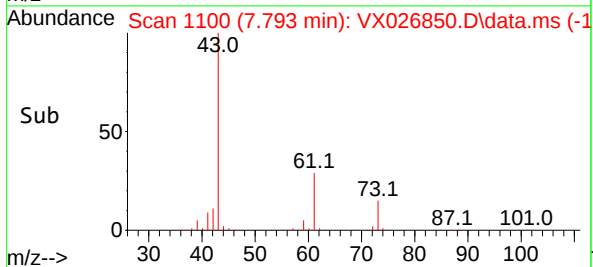
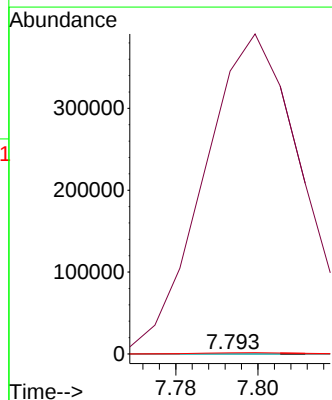
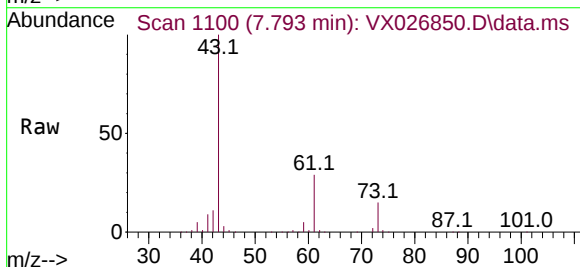
Tgt Ion: 88 Resp: 22

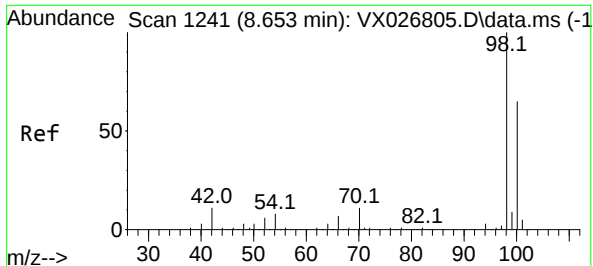
Ion Ratio Lower Upper

88 100

43 3018100.0 29.9 44.9#

58 11700.0 57.8 86.6#

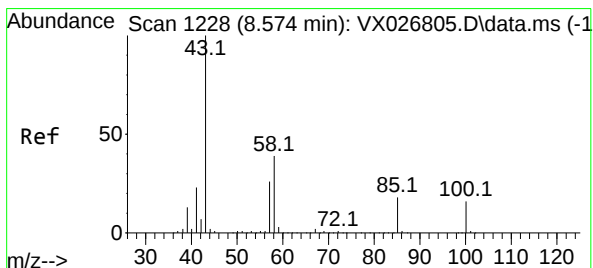
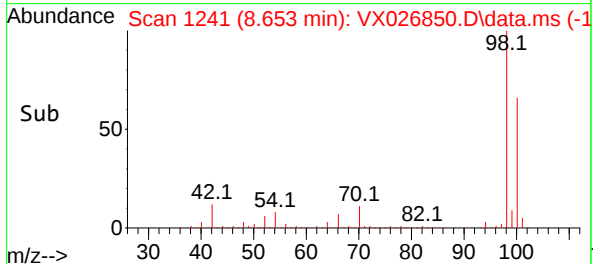
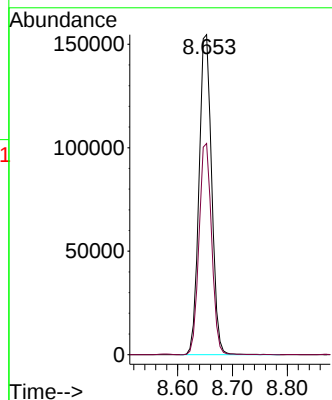
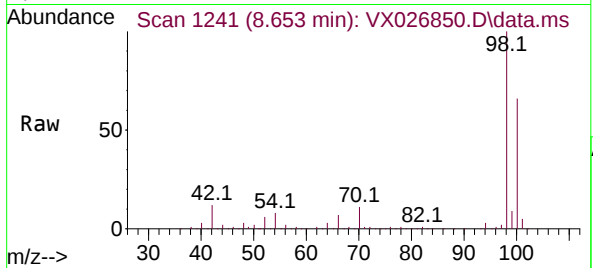




#50
Toluene-d8
Concen: 54.087 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

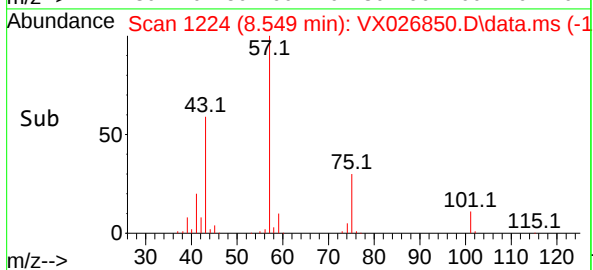
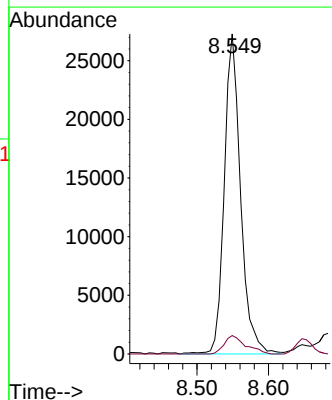
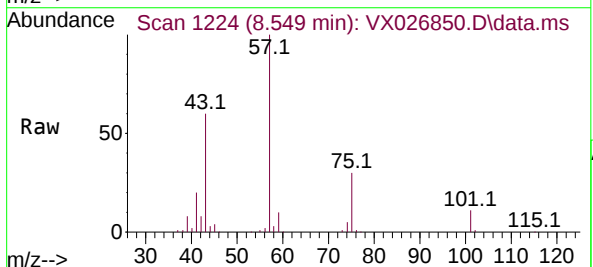
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#03

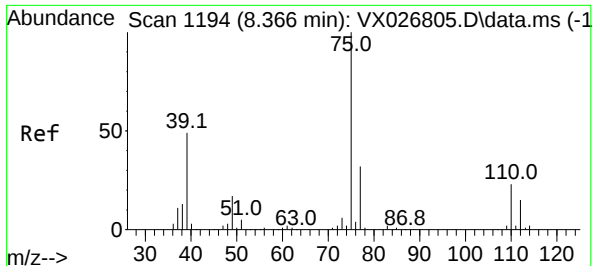
Tgt Ion: 98 Resp: 247637
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 20.737 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Tgt Ion: 43 Resp: 43236
Ion Ratio Lower Upper
43 100
58 7.6 30.5 45.7#





#54

cis-1,3-Dichloropropene

Concen: 9.315 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX026850.D

Acq: 09 Feb 2022 02:48

Instrument :

MSVOA_X

ClientSampleId :

PB142539ZHE#03

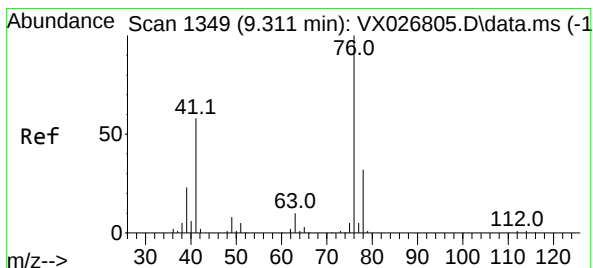
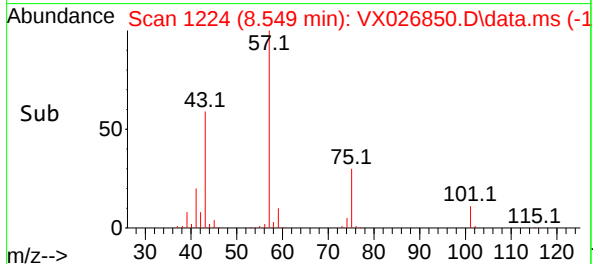
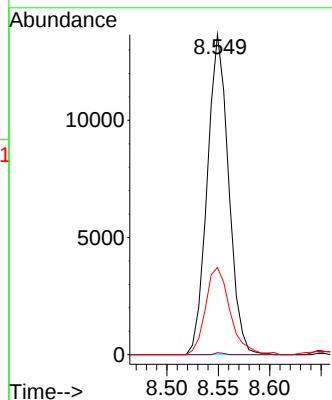
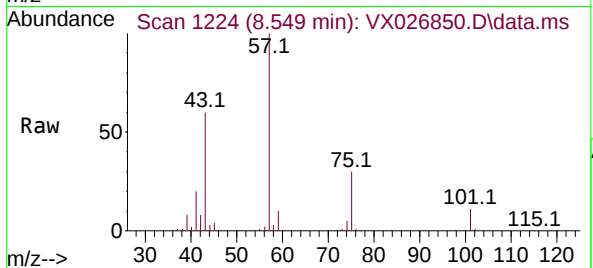
Tgt Ion: 75 Resp: 19777

Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

39 27.3 43.5 65.3#



#57

1,3-Dichloropropane

Concen: 4.970 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026850.D

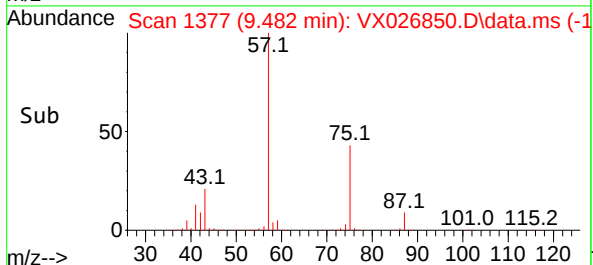
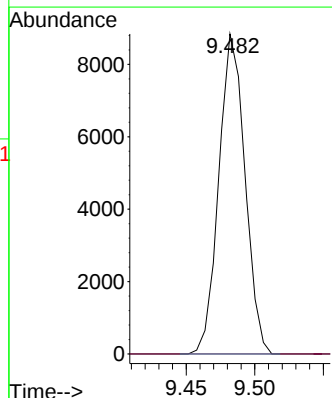
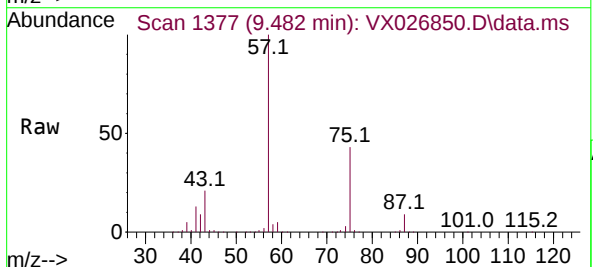
Acq: 09 Feb 2022 02:48

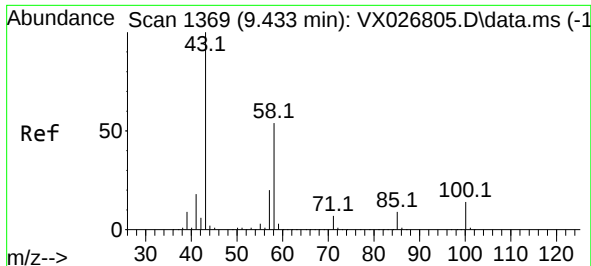
Tgt Ion: 76 Resp: 11730

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

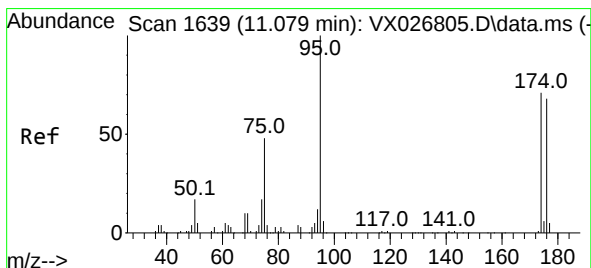
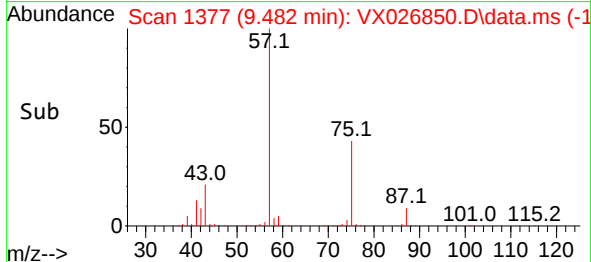
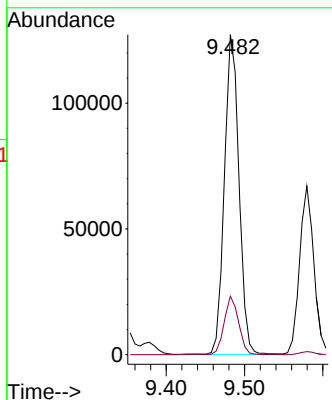
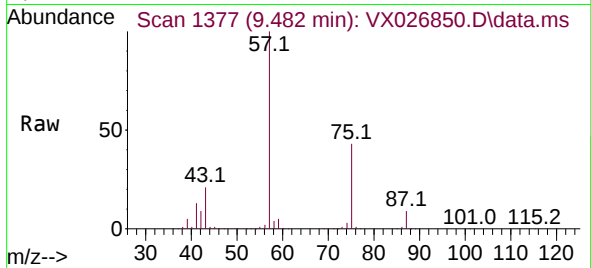




#59
2-Hexanone
Concen: 107.823 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

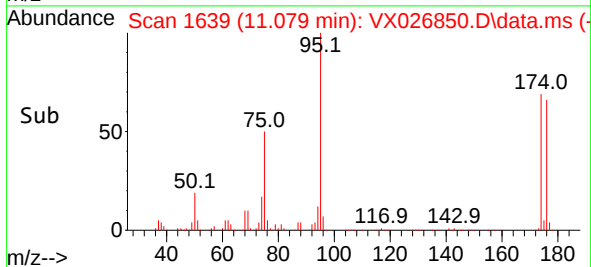
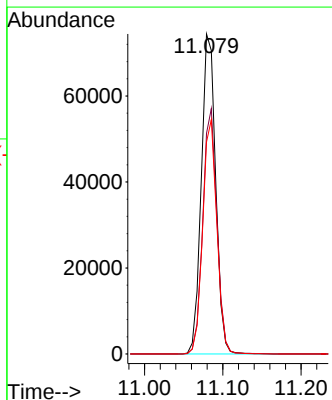
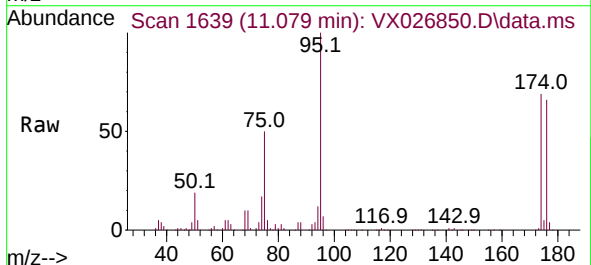
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#03

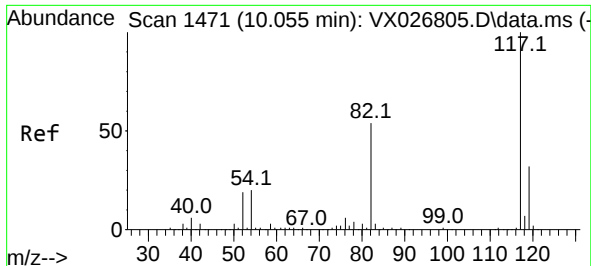
Tgt Ion: 43 Resp: 164436
Ion Ratio Lower Upper
43 100
58 18.1 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 58.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Tgt Ion: 95 Resp: 94757
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.6
176 72.1 0.0 141.4

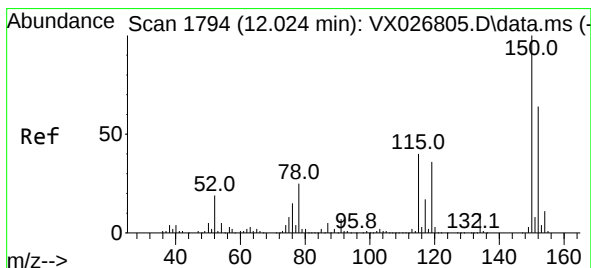
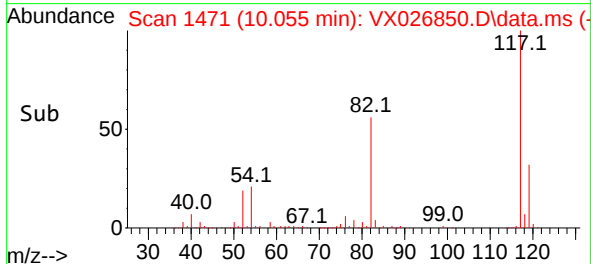
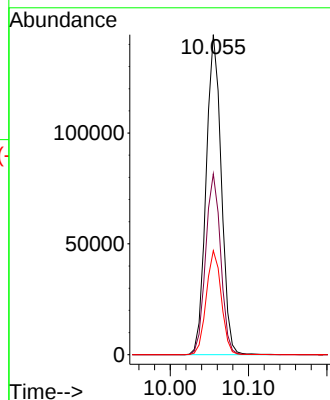
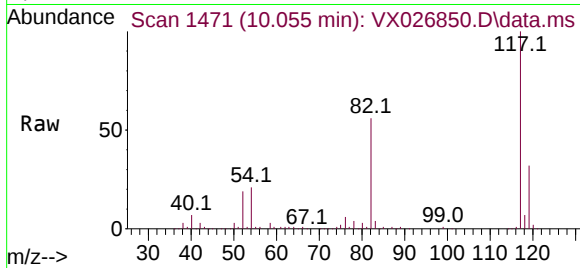




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

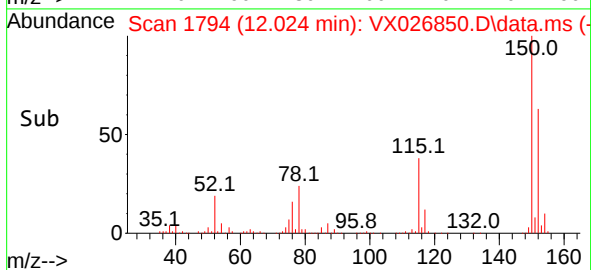
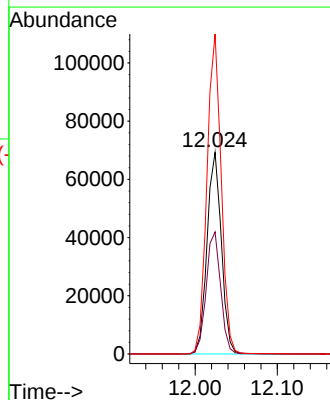
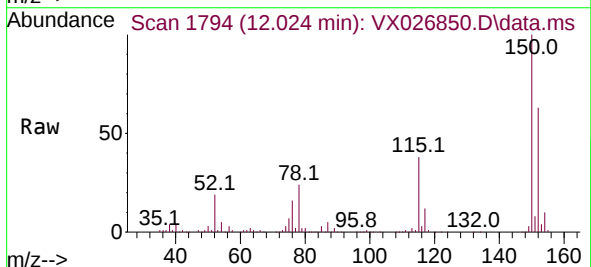
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#03

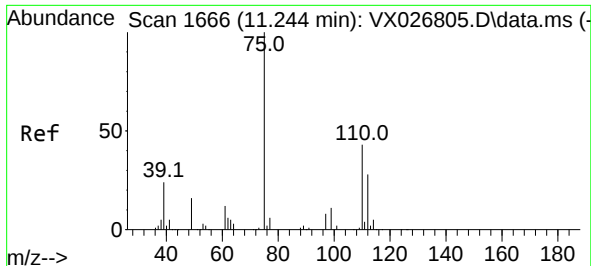
Tgt Ion:117 Resp: 193453
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

Tgt Ion:152 Resp: 83816
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 157.6 0.0 348.2

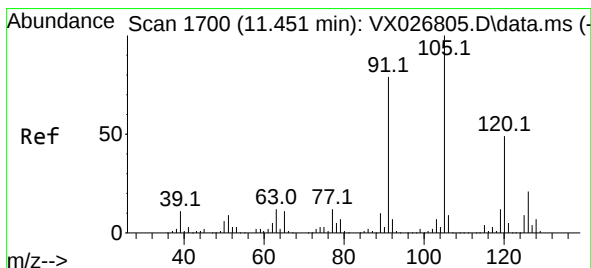
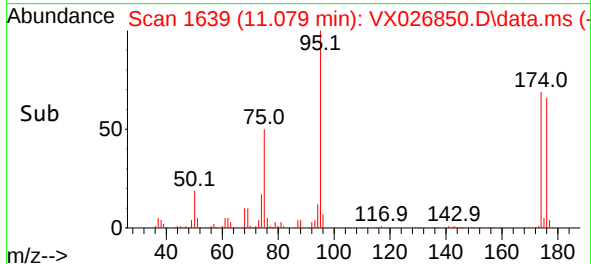
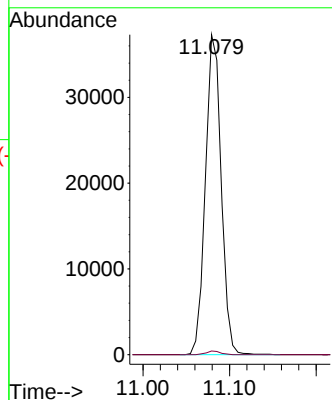
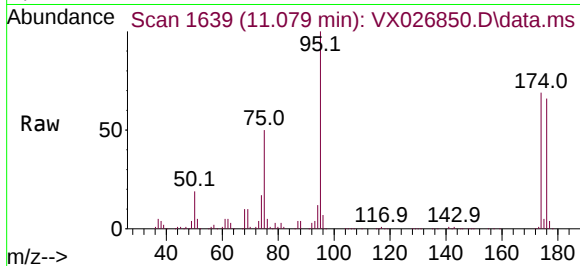




#76
1,2,3-Trichloropropane
Concen: 25.742 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

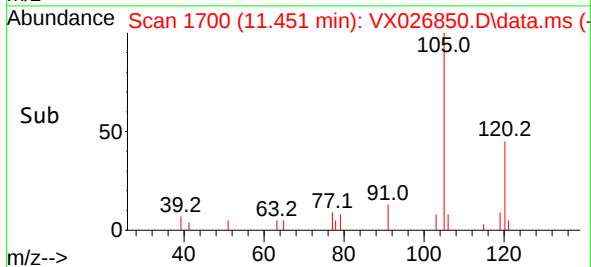
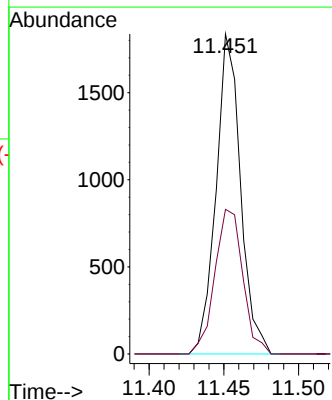
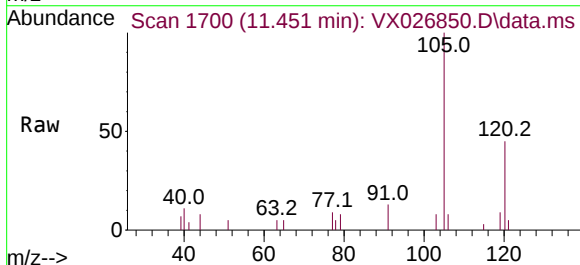
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#03

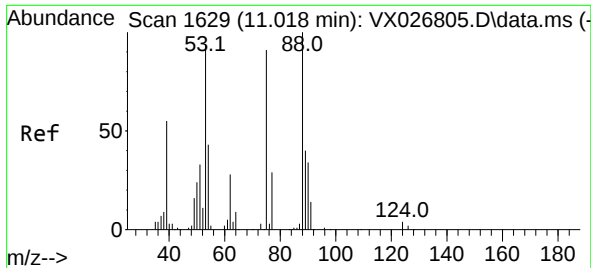
Tgt Ion: 75 Resp: 47230
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.385 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026850.D
Acq: 09 Feb 2022 02:48

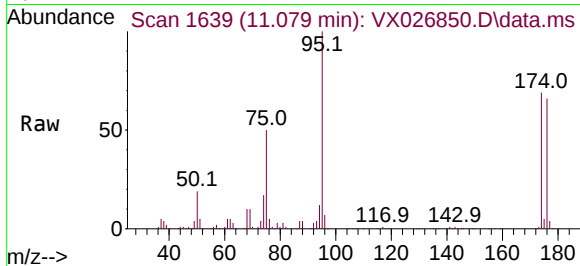
Tgt Ion: 105 Resp: 2094
Ion Ratio Lower Upper
105 100
120 51.6 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.417 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026850.D
 Acq: 09 Feb 2022 02:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142539ZHE#03



Tgt Ion: 75 Resp: 47230
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

