

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026593.D
 Acq On : 26 Jan 2022 14:42
 Operator : JC/MD
 Sample : PB142265ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#03

Quant Time: Jan 27 07:23:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

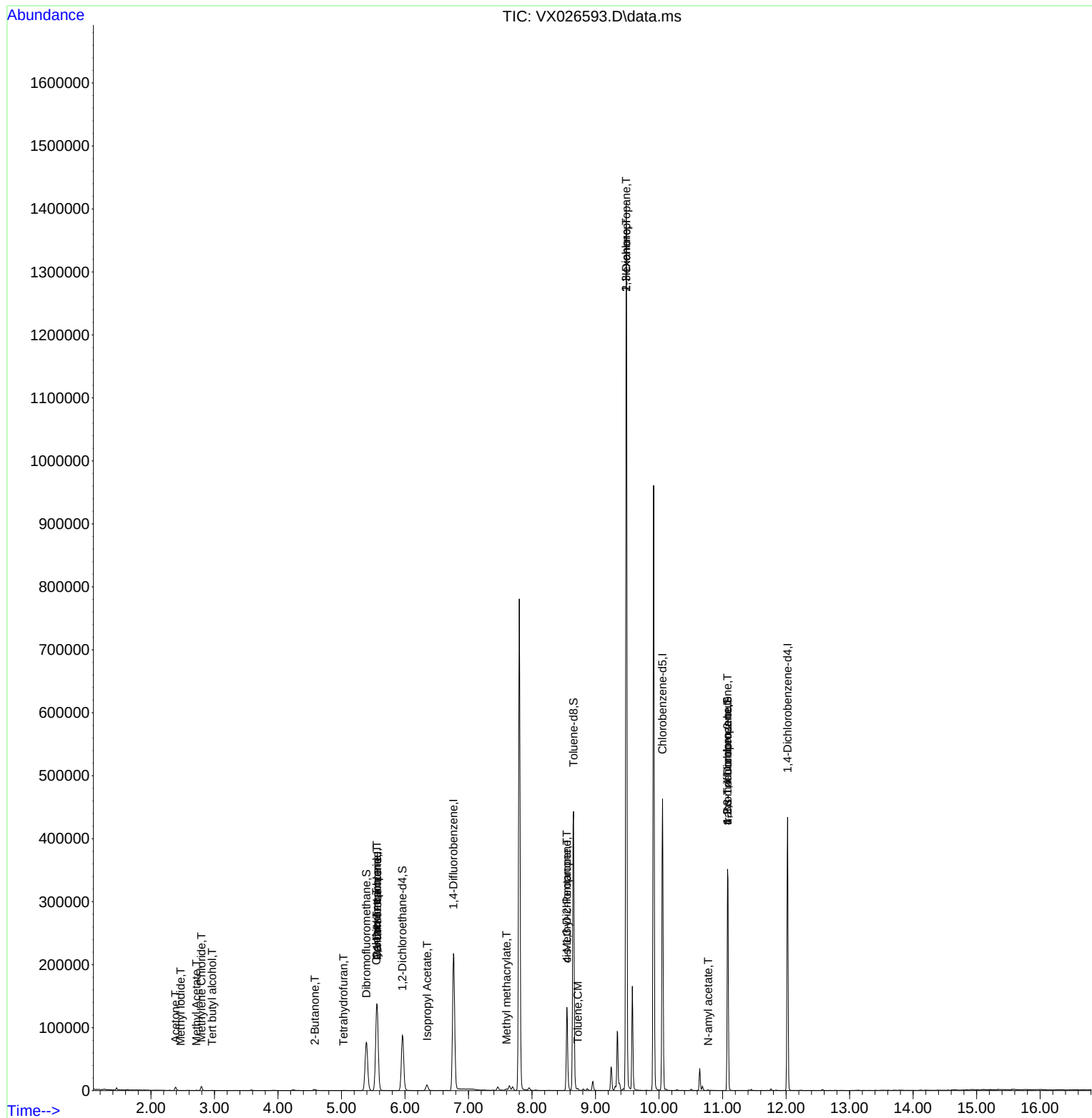
Internal Standards						
1) Pentafluorobenzene	5.562	168	131448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85942	46.804	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.600%		
35) Dibromofluoromethane	5.391	113	68852	48.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	8.653	98	262456	50.975	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.940%		
62) 4-Bromofluorobenzene	11.079	95	97567	53.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.680%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	64	4.483	ug/l #	37
11) Tert butyl alcohol	2.965	59	229	0.896	ug/l #	75
16) Acetone	2.386	43	5894	6.294	ug/l	99
18) Methyl Acetate	2.715	43	684	0.367	ug/l #	86
20) Methylene Chloride	2.794	84	2799	1.809	ug/l	87
25) 2-Butanone	4.580	43	3651	2.998	ug/l #	85
29) Tetrahydrofuran	5.032	42	363	0.502	ug/l #	34
31) Cyclohexane	5.550	56	2783	1.028	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	10305	4.569	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13908	5.995	ug/l #	16
43) Isopropyl Acetate	6.348	43	12380	3.359	ug/l	99
48) Methyl methacrylate	7.598	41	3603	1.973	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	45976	21.031	ug/l #	49
52) Toluene	8.720	92	780	0.204	ug/l	84
54) cis-1,3-Dichloropropene	8.549	75	20817	8.744	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	12242	4.733	ug/l #	43
59) 2-Hexanone	9.482	43	173646	103.781	ug/l #	51
74) N-amyl acetate	10.774	43	730	0.267	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	48602	25.520	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48602	77.468	ug/l #	3

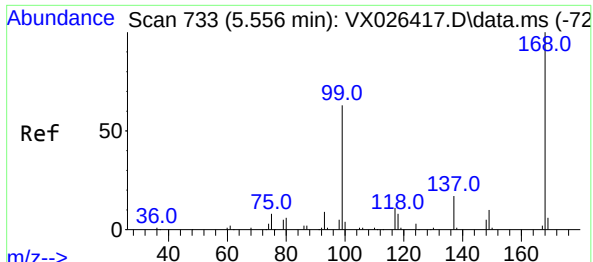
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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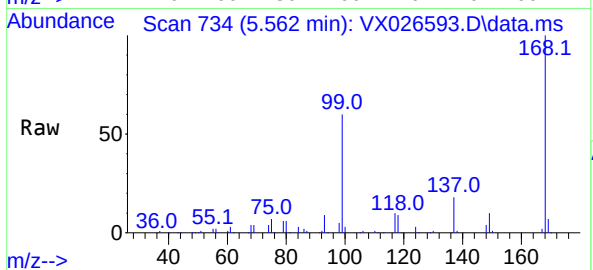
Quant Time: Jan 27 07:23:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



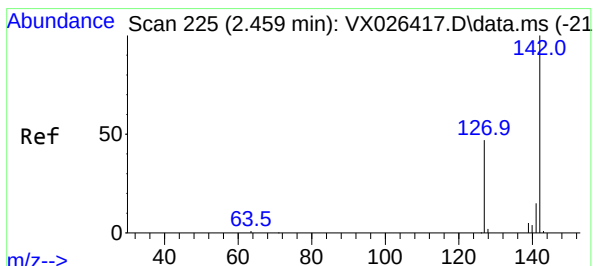
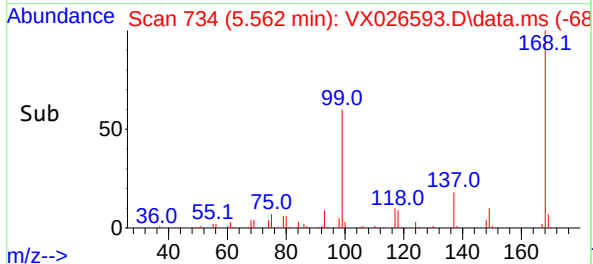
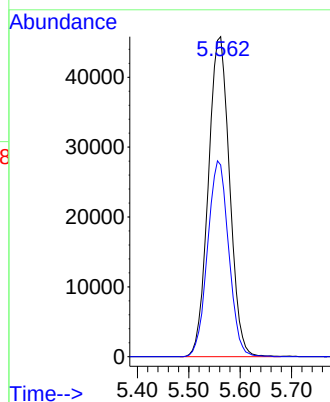


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

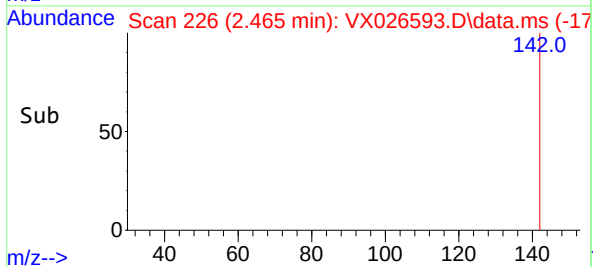
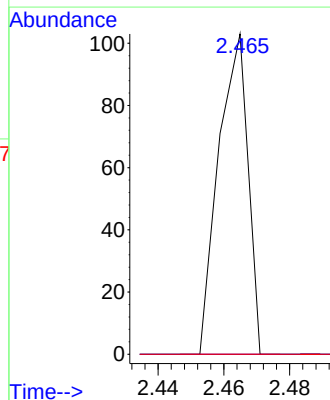
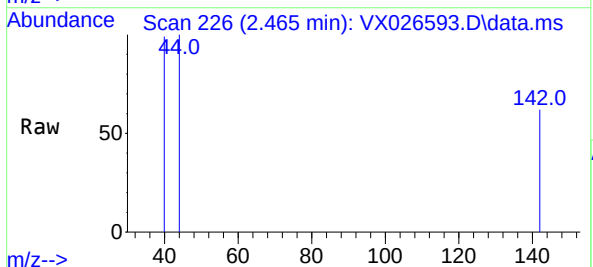


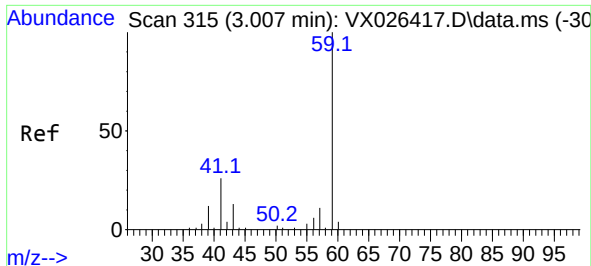
Tgt Ion:168 Resp: 131448
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#10
Methyl Iodide
Concen: 4.483 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

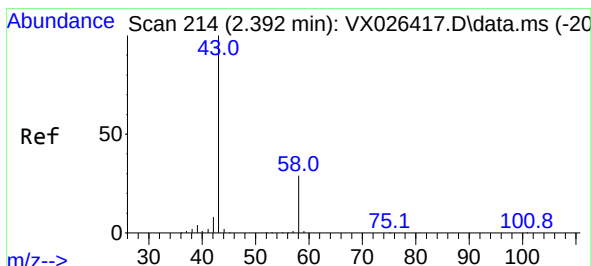
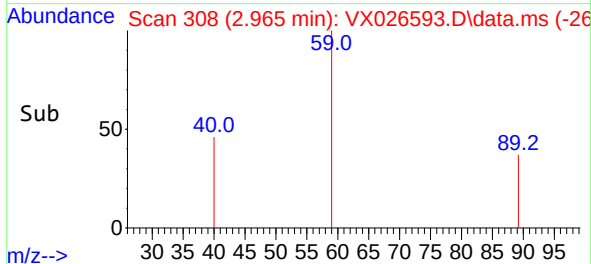
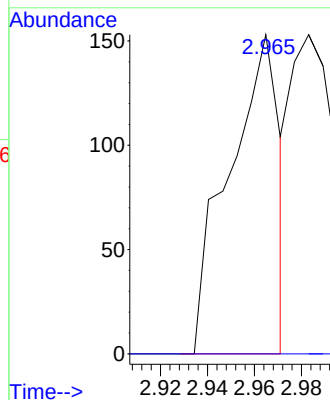
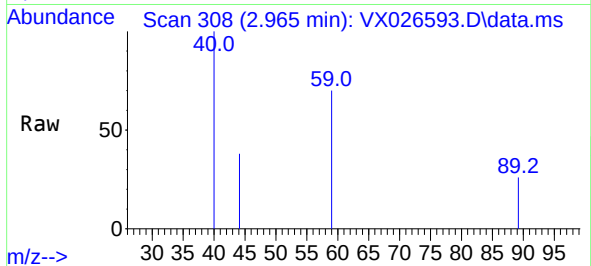




#11
Tert butyl alcohol
Concen: 0.896 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

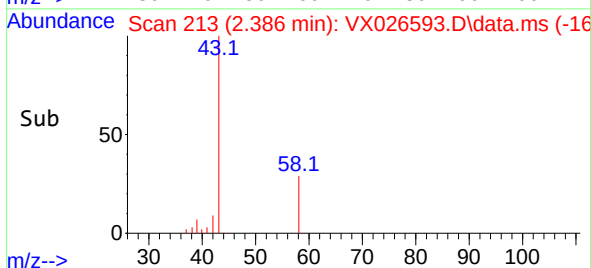
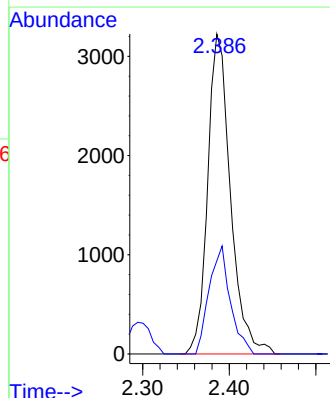
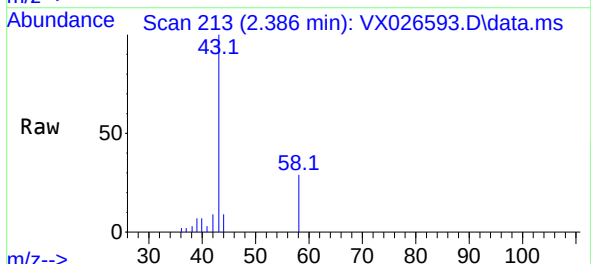
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

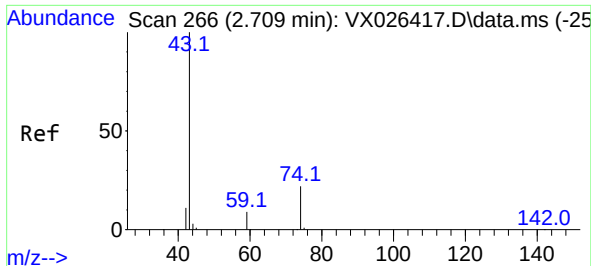
Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 6.294 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 43 Resp: 5894
Ion Ratio Lower Upper
43 100
58 29.1 23.0 34.6

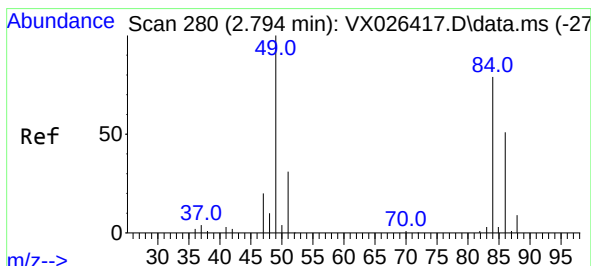
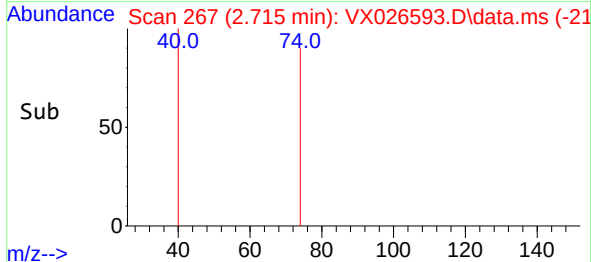
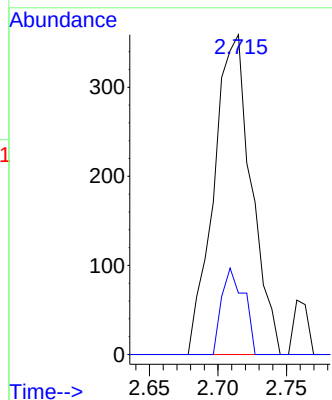
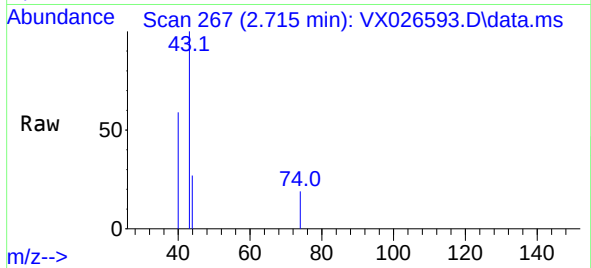




#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

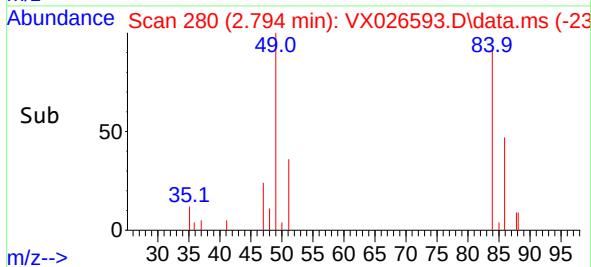
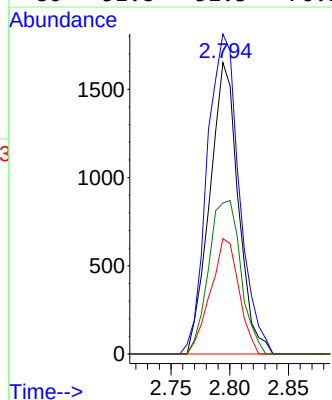
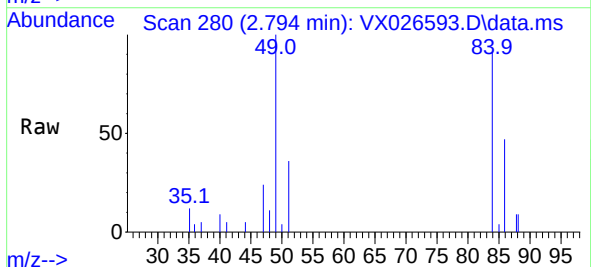
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

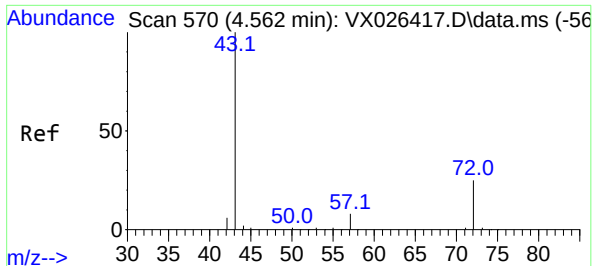
Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
74 16.1 18.3 27.5#



#20
Methylene Chloride
Concen: 1.809 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 84 Resp: 2799
Ion Ratio Lower Upper
84 100
49 109.8 101.5 152.3
51 39.6 31.2 46.8
86 51.8 51.3 76.9





#25

2-Butanone

Concen: 2.998 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026593.D

Acq: 26 Jan 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

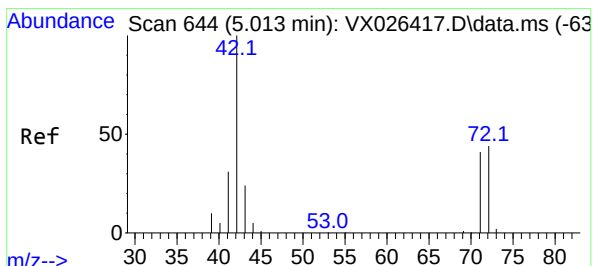
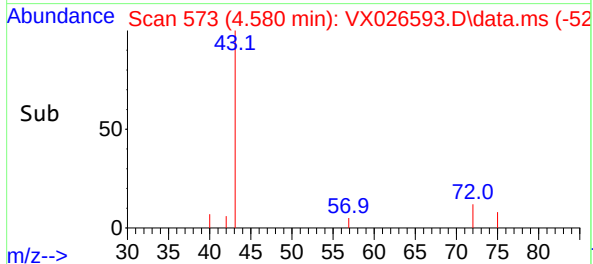
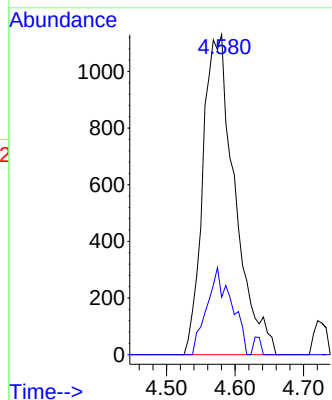
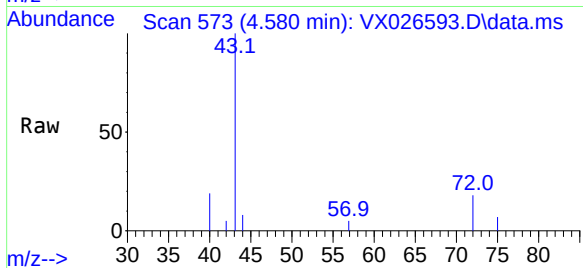
PB142265ZHE#03

Tgt Ion: 43 Resp: 3651

Ion Ratio Lower Upper

43 100

72 18.0 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.502 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX026593.D

Acq: 26 Jan 2022 14:42

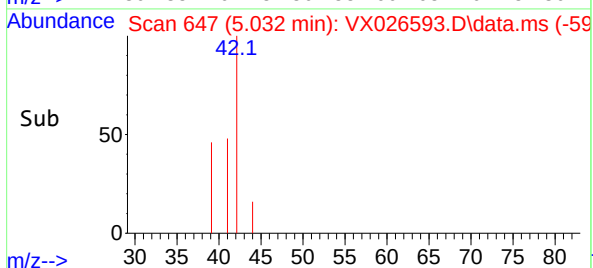
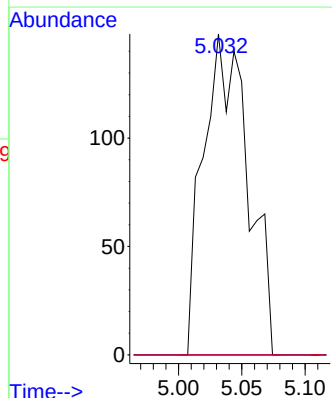
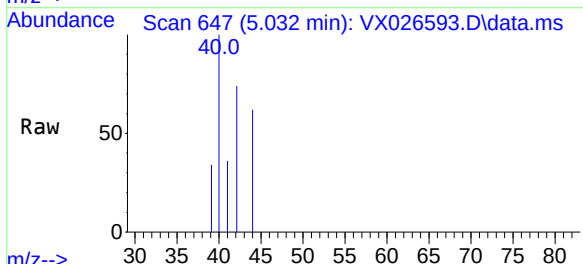
Tgt Ion: 42 Resp: 363

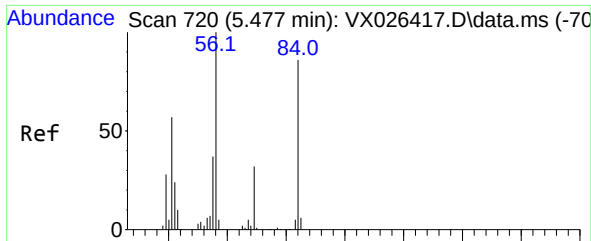
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

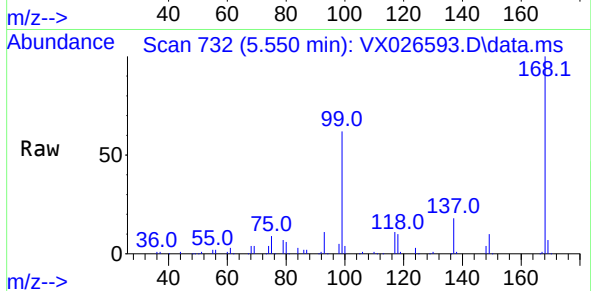
71 0.0 31.8 47.8#



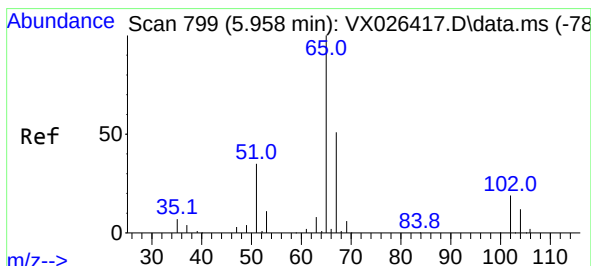
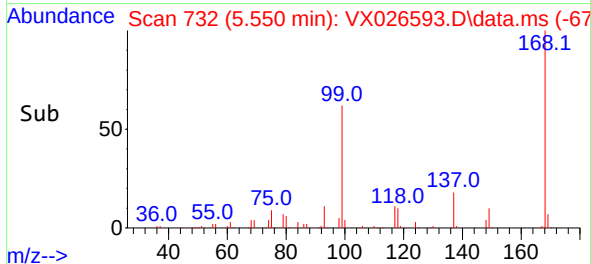
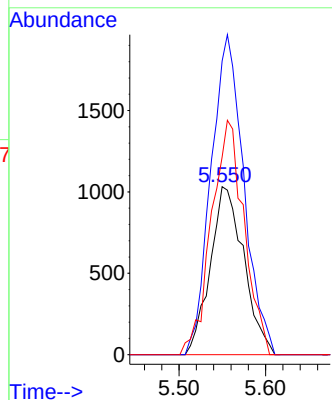


#31
Cyclohexane
Concen: 1.028 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

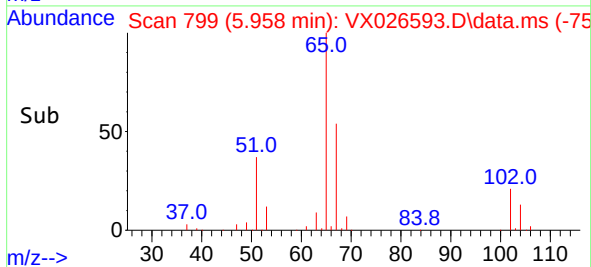
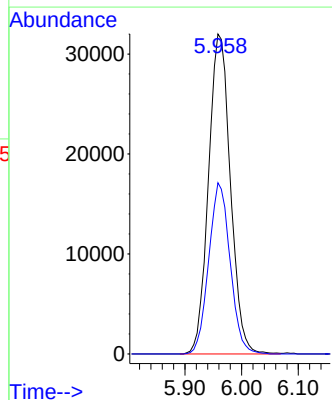
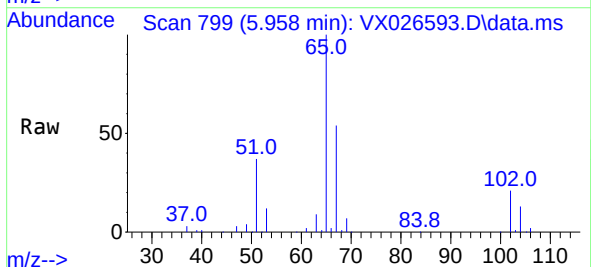


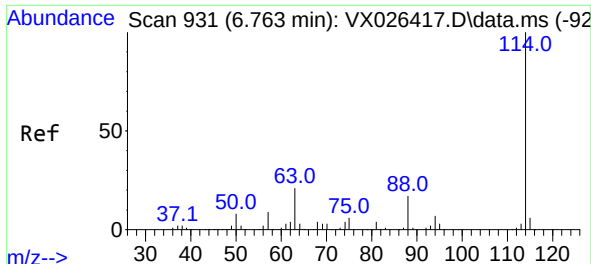
Tgt Ion: 56 Resp: 2783
Ion Ratio Lower Upper
56 100
69 174.8 25.8 38.6#
84 117.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.804 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 65 Resp: 85942
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.8

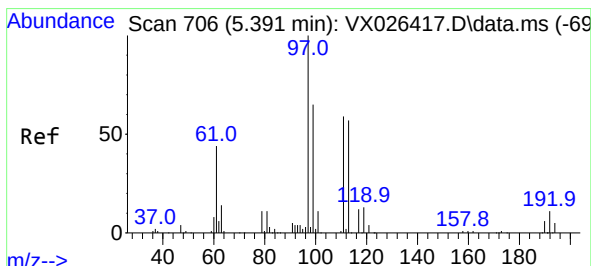
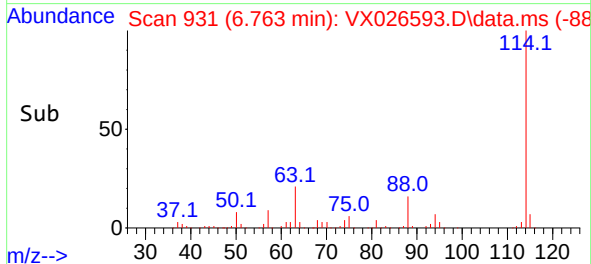
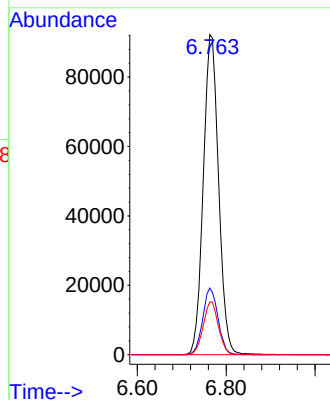
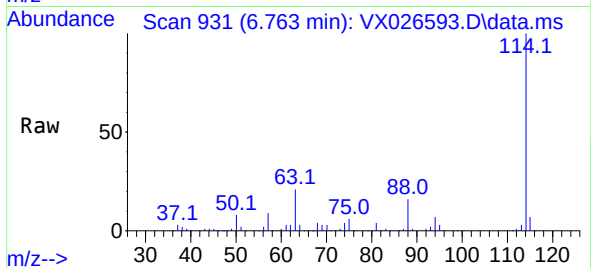




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

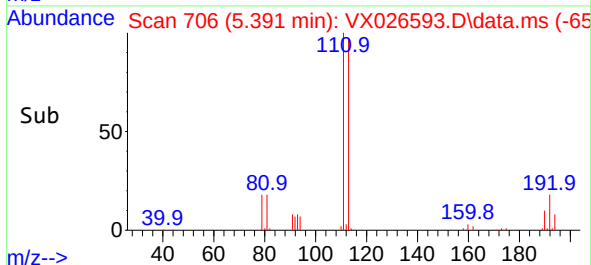
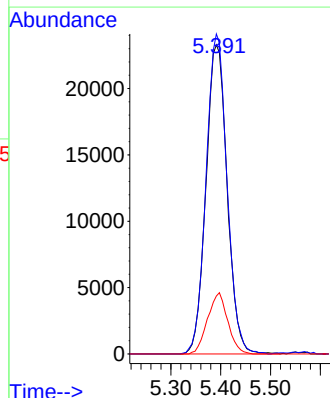
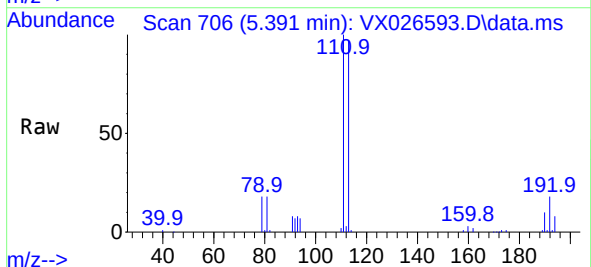
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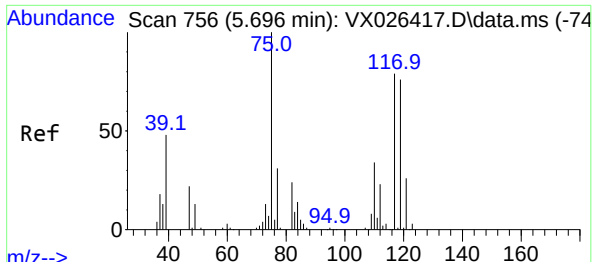
Tgt Ion:114 Resp: 221255
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.189 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion:113 Resp: 68852
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 18.9 15.0 22.4

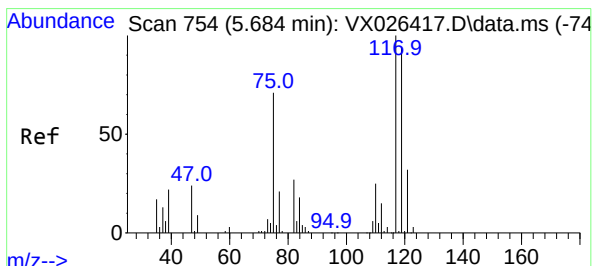
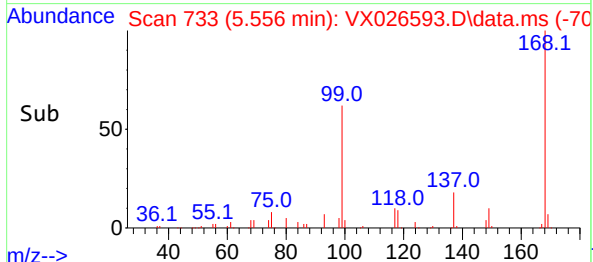
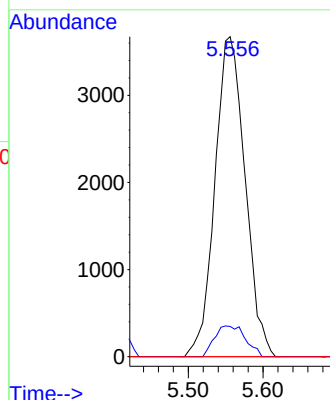
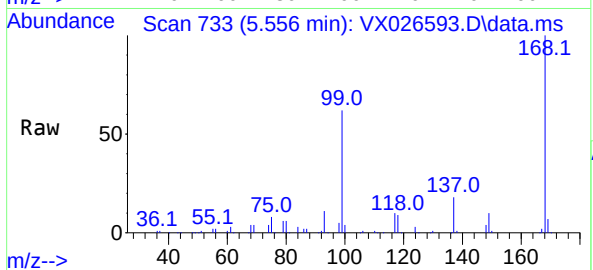




#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

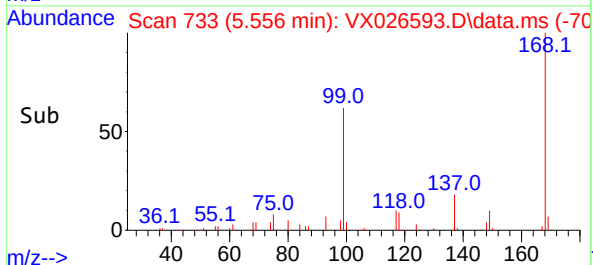
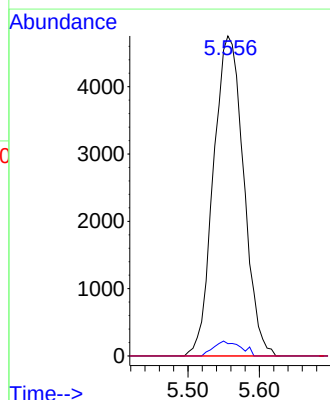
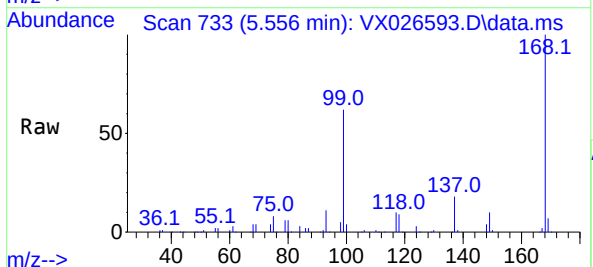
Instrument :
MSVOA_X
ClientSampleId :
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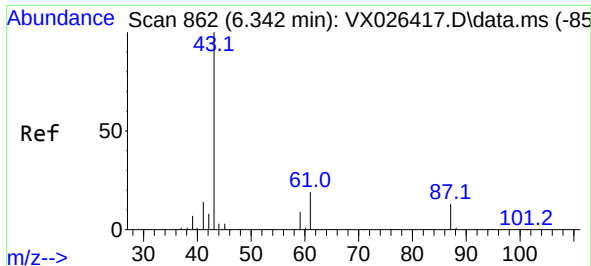
Tgt Ion: 75 Resp: 10305
Ion Ratio Lower Upper
75 100
110 9.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.995 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 117 Resp: 13908
Ion Ratio Lower Upper
117 100
119 3.8 74.7 112.1#
121 0.0 25.4 38.0#

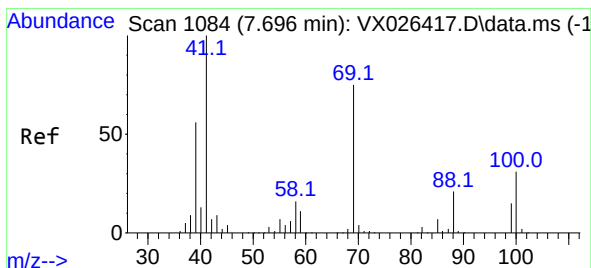
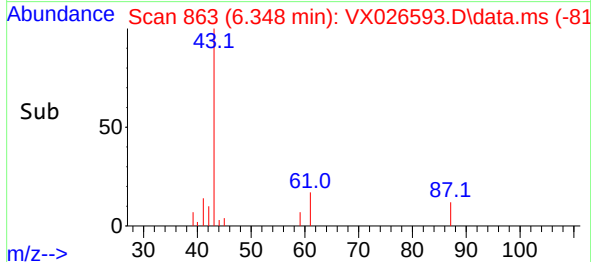
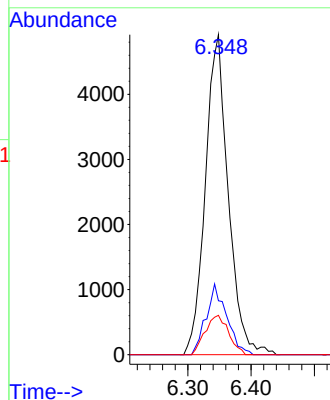
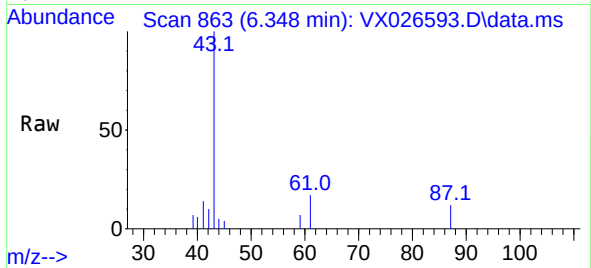




#43
Isopropyl Acetate
Concen: 3.359 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

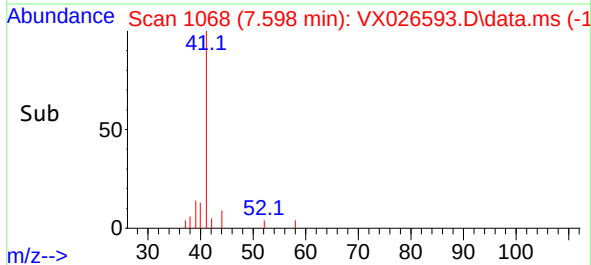
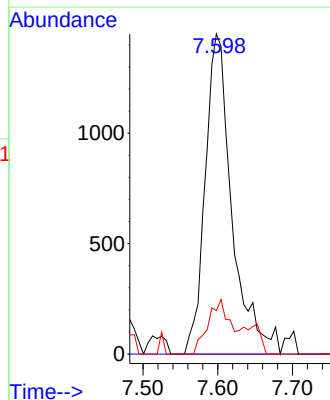
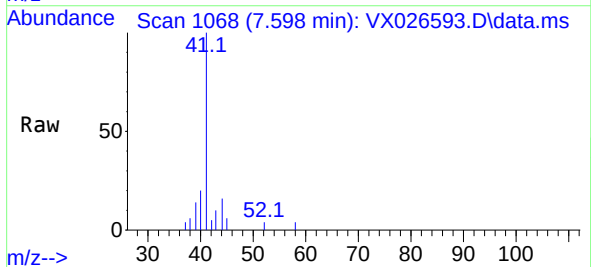
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

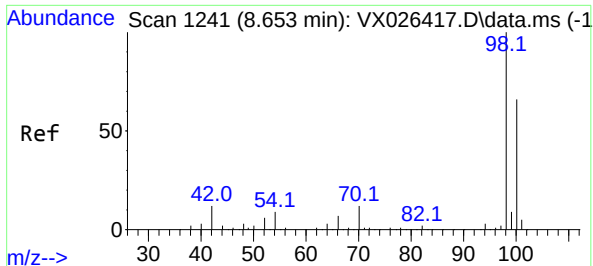
Tgt Ion: 43 Resp: 12380
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 12.6 10.2 15.2



#48
Methyl methacrylate
Concen: 1.973 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 41 Resp: 3603
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#





#50

Toluene-d8

Concen: 50.975 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026593.D

Acq: 26 Jan 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

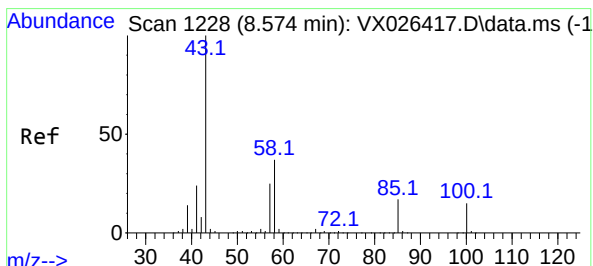
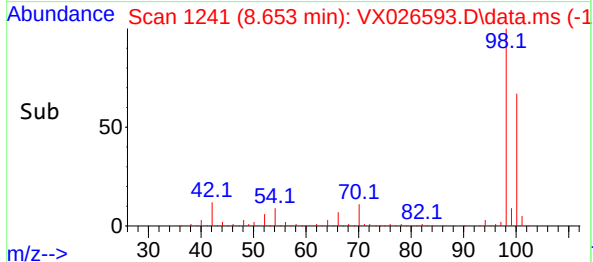
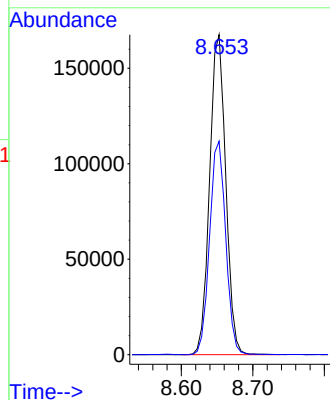
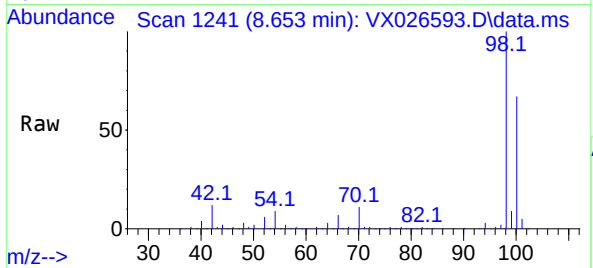
PB142265ZHE#03

Tgt Ion: 98 Resp: 262456

Ion Ratio Lower Upper

98 100

100 66.8 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 21.031 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX026593.D

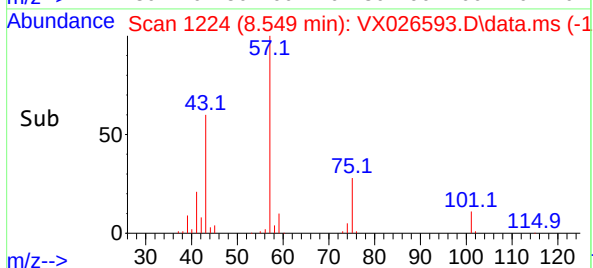
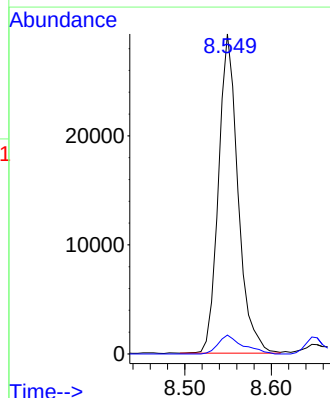
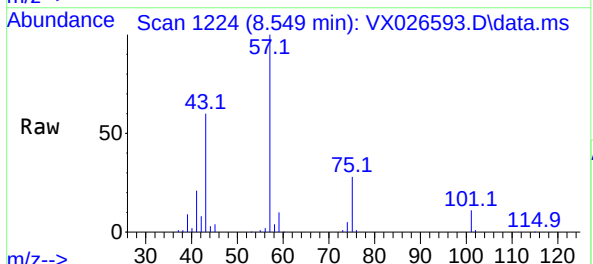
Acq: 26 Jan 2022 14:42

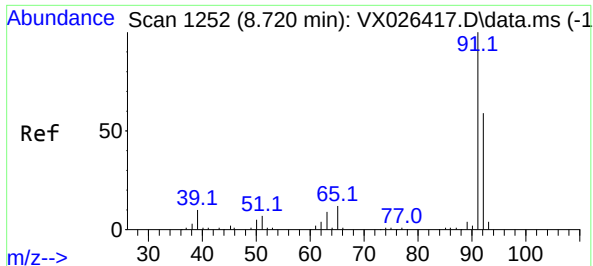
Tgt Ion: 43 Resp: 45976

Ion Ratio Lower Upper

43 100

58 7.4 30.5 45.7#

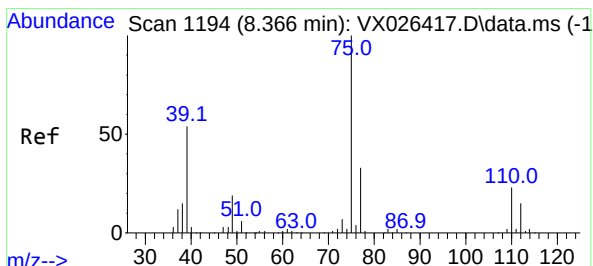
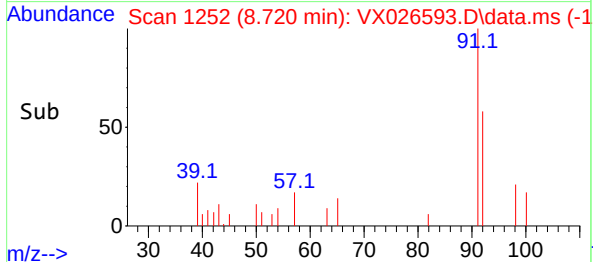
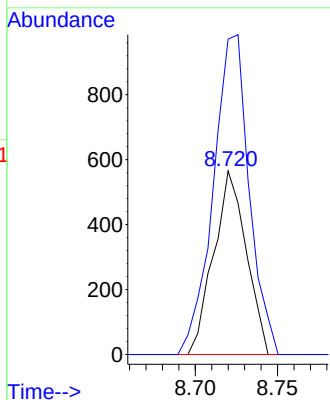
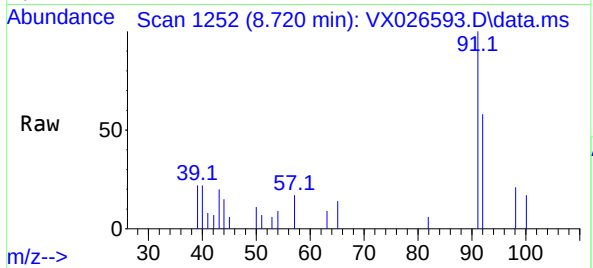




#52
Toluene
Concen: 0.204 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

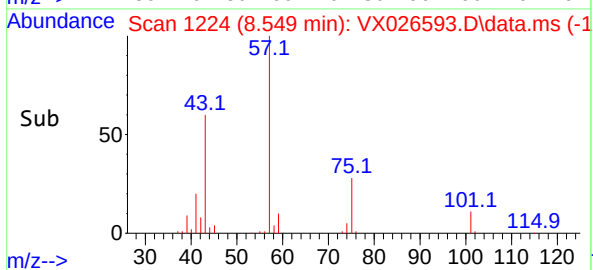
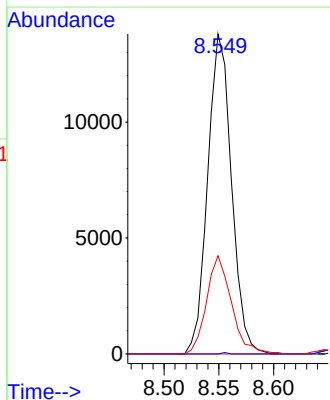
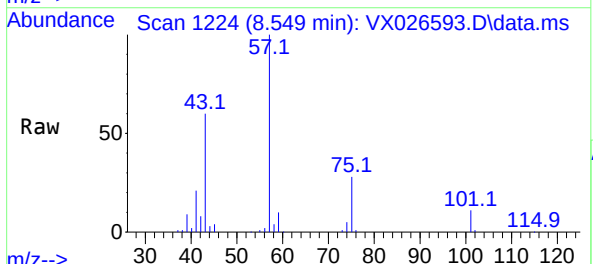
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

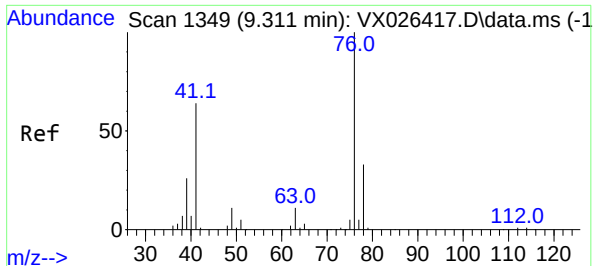
Tgt Ion: 92 Resp: 780
Ion Ratio Lower Upper
92 100
91 191.8 135.7 203.5



#54
cis-1,3-Dichloropropene
Concen: 8.744 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 75 Resp: 20817
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 30.7 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.733 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026593.D

Acq: 26 Jan 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

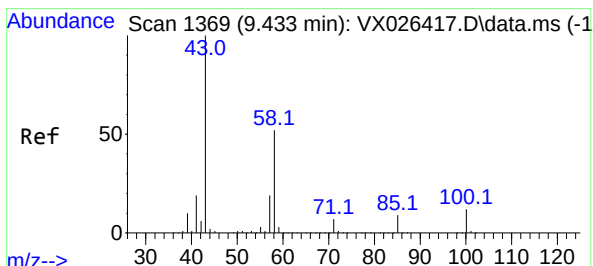
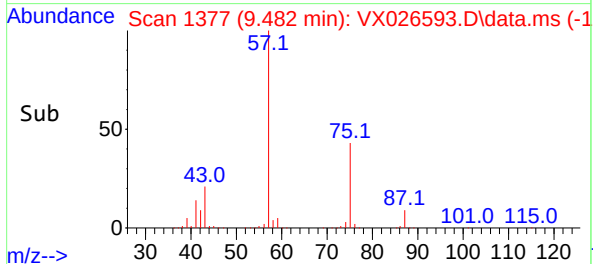
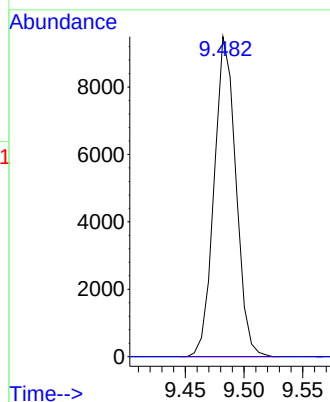
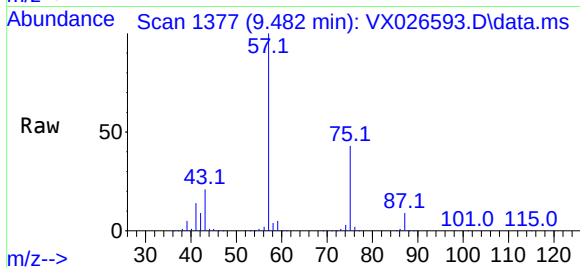
PB142265ZHE#03

Tgt Ion: 76 Resp: 12242

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 103.781 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026593.D

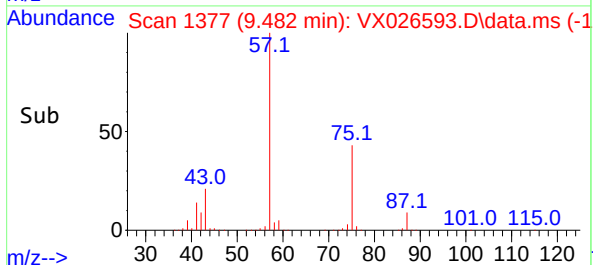
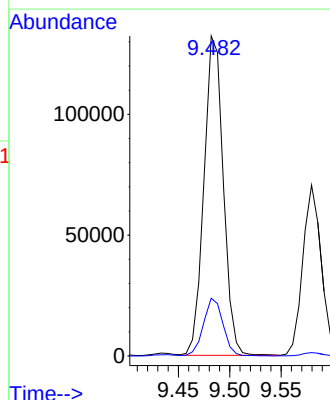
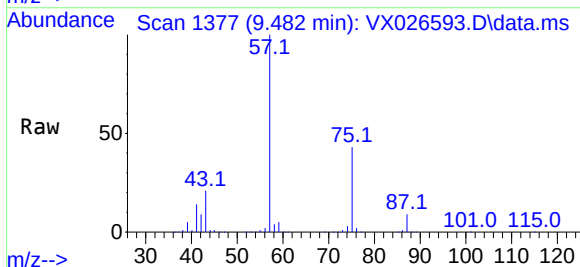
Acq: 26 Jan 2022 14:42

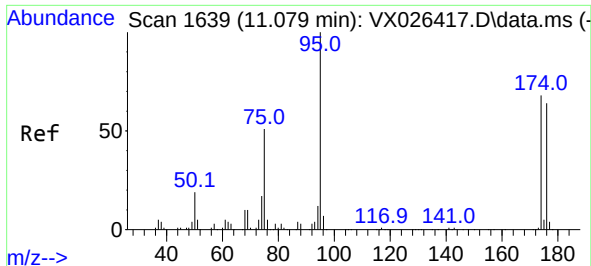
Tgt Ion: 43 Resp: 173646

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

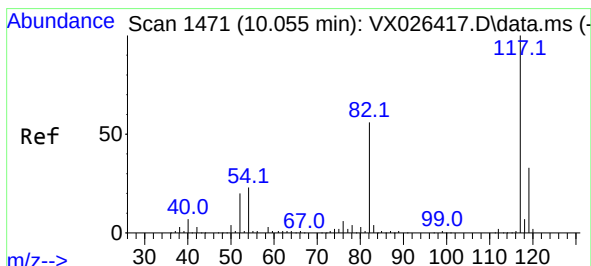
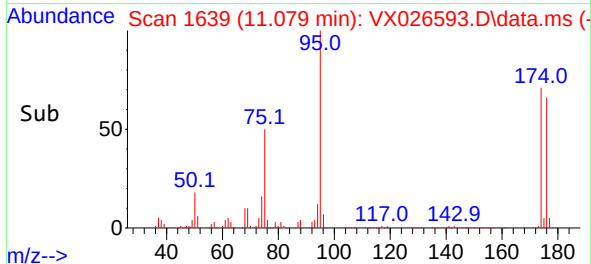
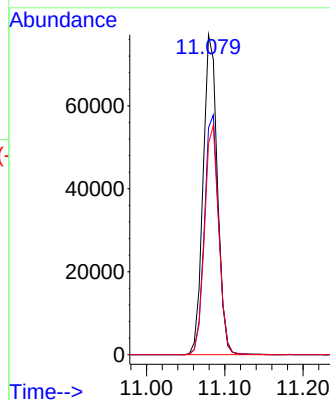
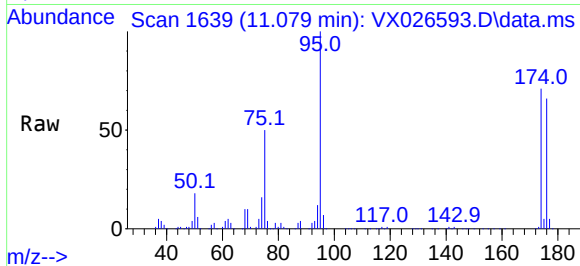




#62
4-Bromofluorobenzene
Concen: 53.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

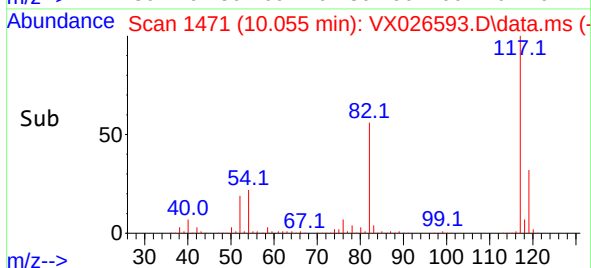
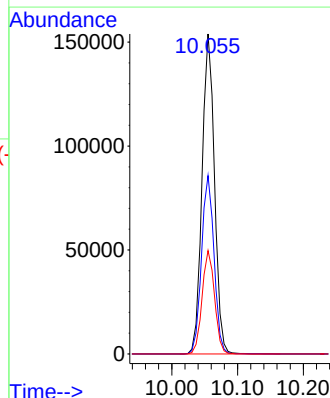
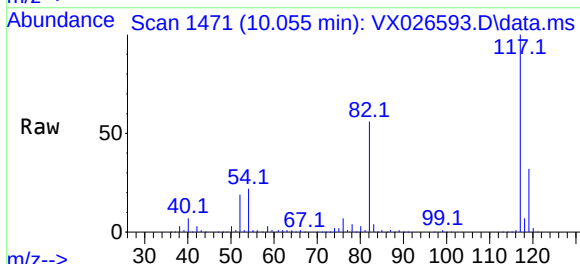
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

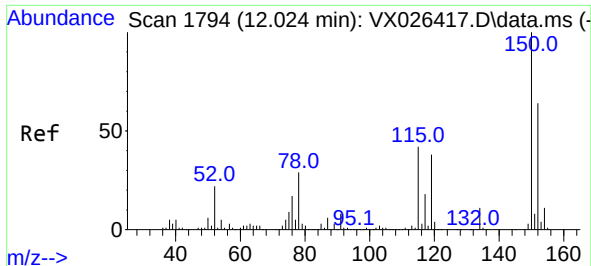
Tgt Ion: 95 Resp: 97567
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.6
176 71.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 117 Resp: 202394
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 32.3 26.2 39.2

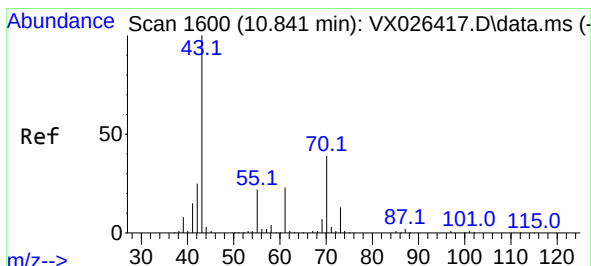
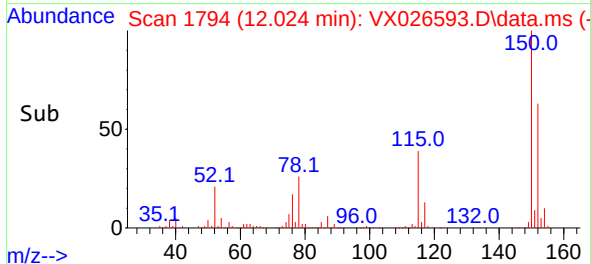
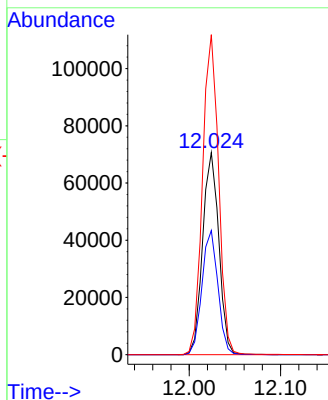
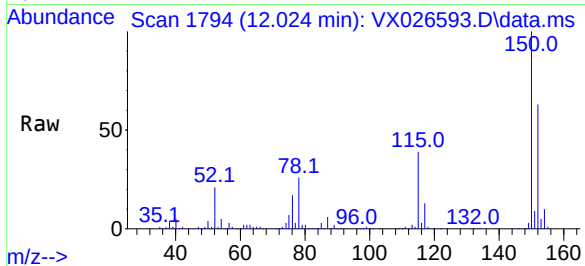




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

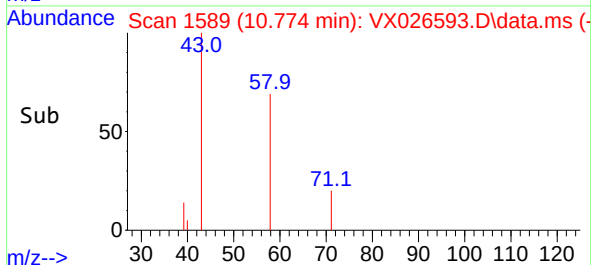
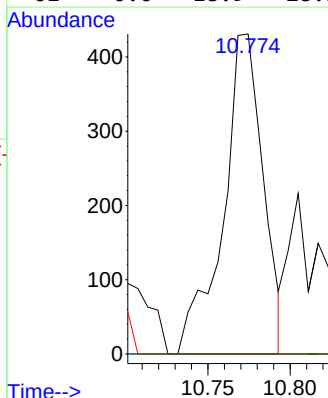
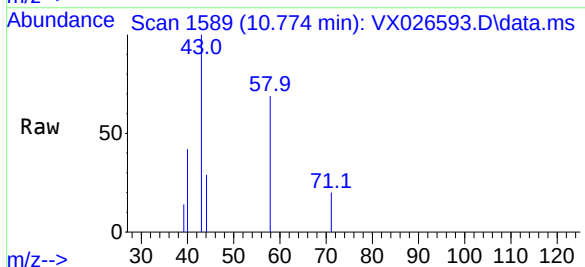
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

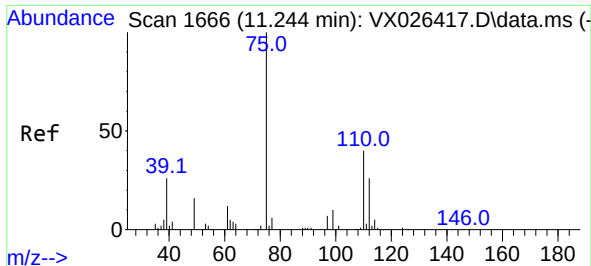
Tgt Ion:152 Resp: 86496
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 157.5 0.0 348.2



#74
N-ethyl acetate
Concen: 0.267 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 18.3 27.5#
61 0.0 18.9 28.3#

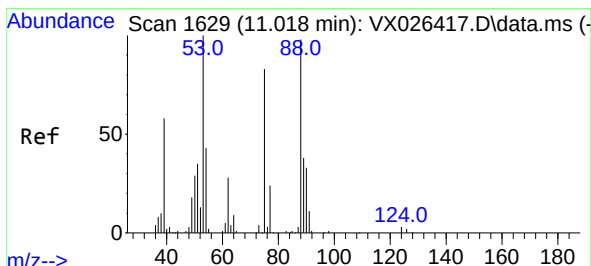
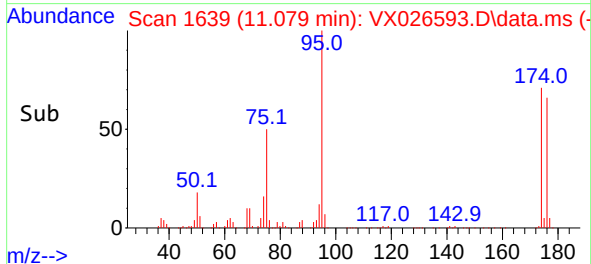
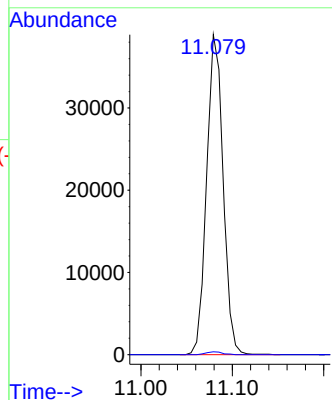
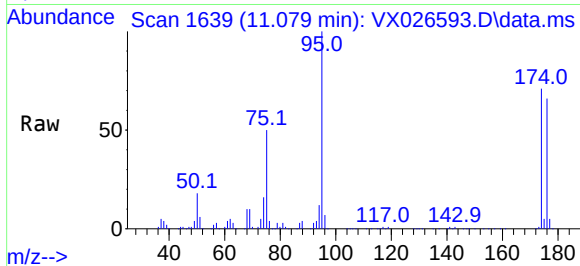




#76
1,2,3-Trichloropropane
Concen: 25.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#03

Tgt Ion: 75 Resp: 48602
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026593.D
Acq: 26 Jan 2022 14:42

Tgt Ion: 75 Resp: 48602
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

