

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026594.D
 Acq On : 26 Jan 2022 15:06
 Operator : JC/MD
 Sample : PB142265ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#04

Quant Time: Jan 27 07:23:40 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)

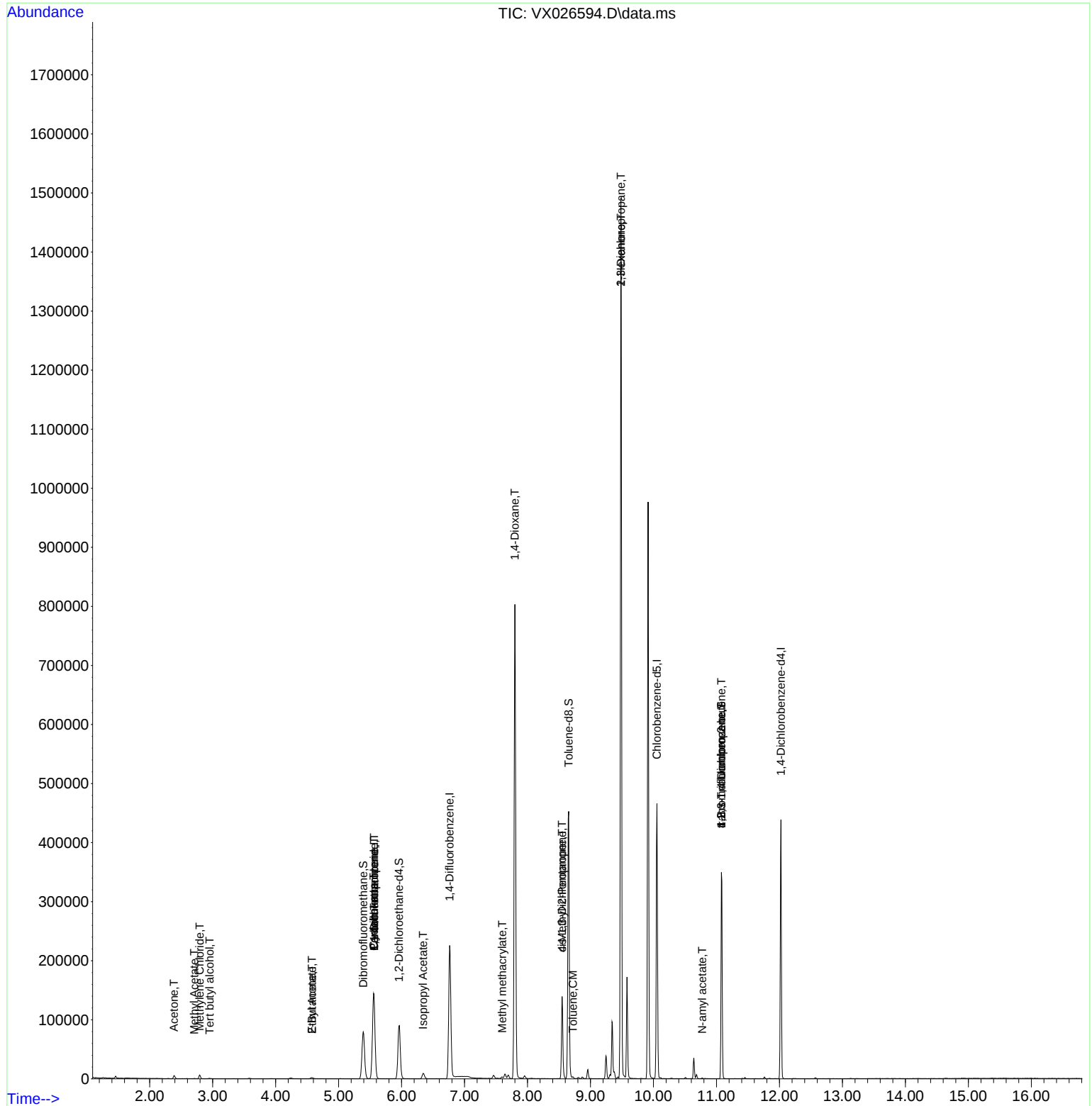
Internal Standards						
1) Pentafluorobenzene	5.562	168	136516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227776	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89394	46.876	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.760%			
35) Dibromofluoromethane	5.391	113	70686	48.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.120%			
50) Toluene-d8	8.653	98	270089	50.955	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.920%			
62) 4-Bromofluorobenzene	11.079	95	98215	52.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.320%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	860	3.242	ug/l #	75
16) Acetone	2.386	43	6250	6.427	ug/l	90
18) Methyl Acetate	2.709	43	721	0.373	ug/l #	76
20) Methylene Chloride	2.794	84	2641	1.644	ug/l	92
25) 2-Butanone	4.574	43	3682	2.911	ug/l	95
31) Cyclohexane	5.556	56	2783	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10404	4.481	ug/l #	50
37) Ethyl Acetate	4.574	43	3682	1.568	ug/l #	69
38) Carbon Tetrachloride	5.562	117	13979	5.853	ug/l #	16
43) Isopropyl Acetate	6.342	43	12790	3.371	ug/l	99
48) Methyl methacrylate	7.598	41	3807	2.025	ug/l #	16
49) 1,4-Dioxane	7.799	88	52	1.685	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	47045	20.904	ug/l #	50
52) Toluene	8.720	92	924	0.235	ug/l	93
54) cis-1,3-Dichloropropene	8.549	75	22129	9.029	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	12807	4.810	ug/l #	43
59) 2-Hexanone	9.482	43	181288	105.247	ug/l #	51
74) N-amyl acetate	10.774	43	630	0.231	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	48956	25.785	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48956	78.221	ug/l #	4

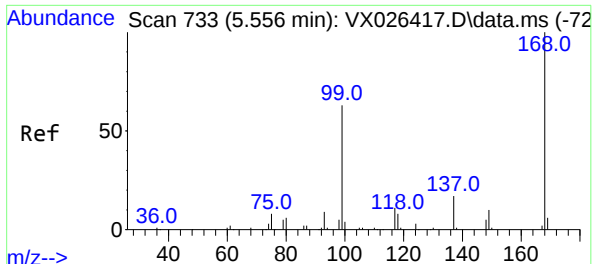
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\  
Data File : VX026594.D  
Acq On    : 26 Jan 2022  15:06  
Operator   : JC/MD  
Sample     : PB142265ZHE#04  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial   : 13   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

Quant Time: Jan 27 07:23:40 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

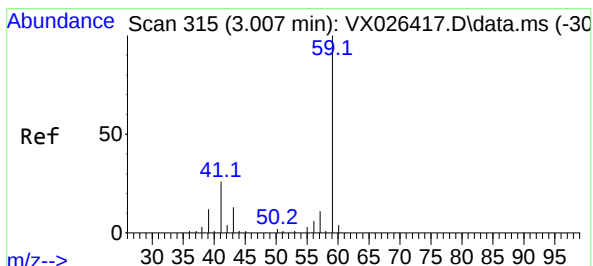
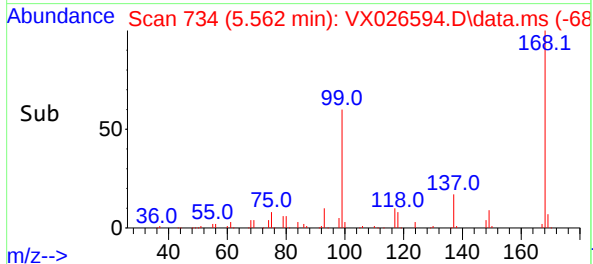
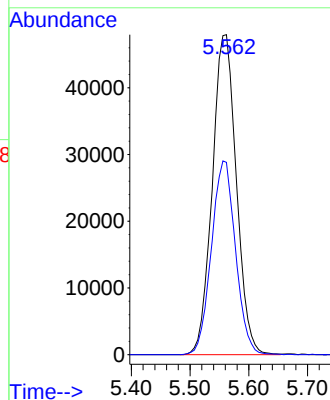
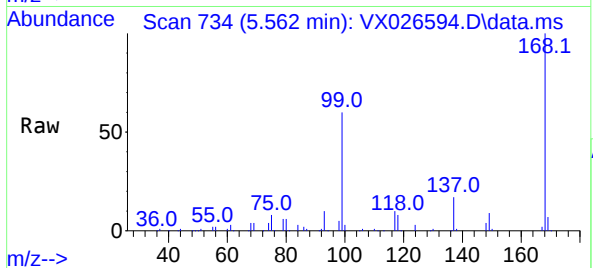




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

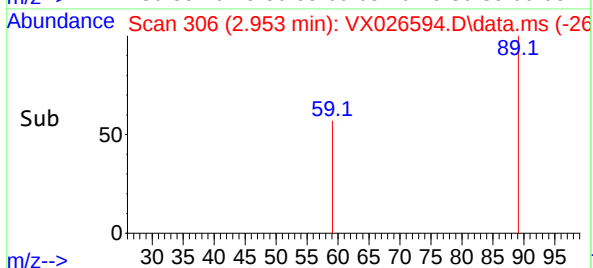
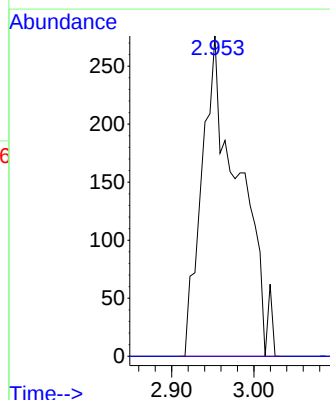
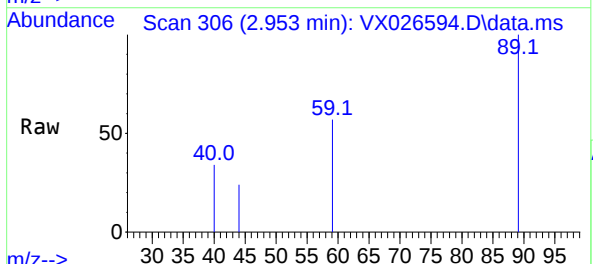
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

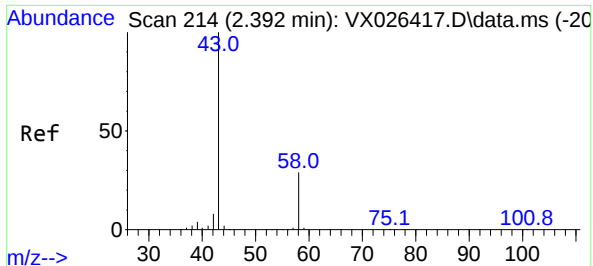
Tgt Ion:168 Resp: 136516
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#11
Tert butyl alcohol
Concen: 3.242 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 59 Resp: 860
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

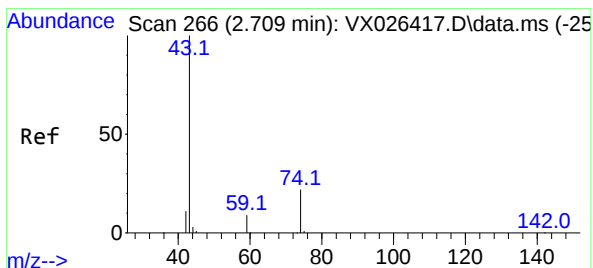
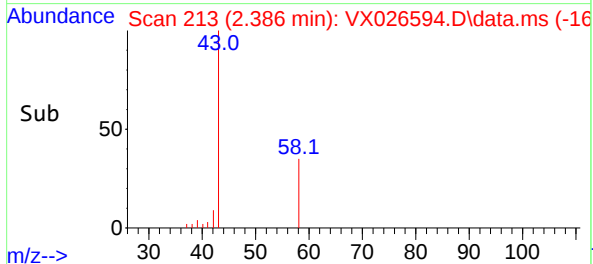
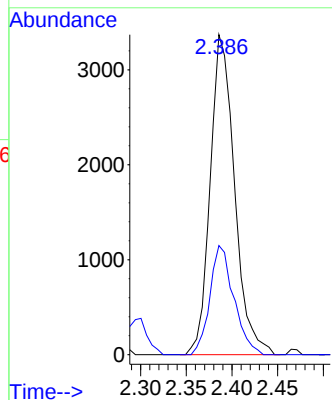
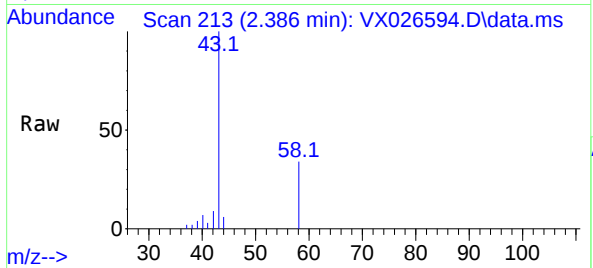




#16
Acetone
Concen: 6.427 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

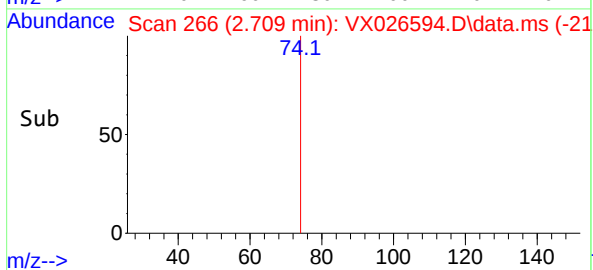
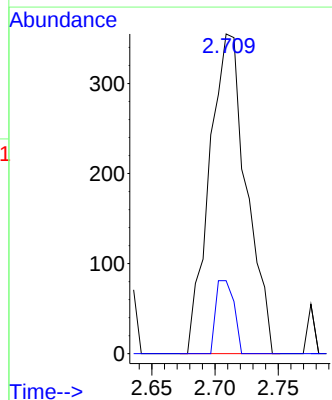
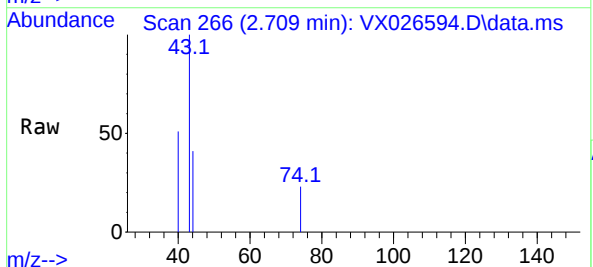
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

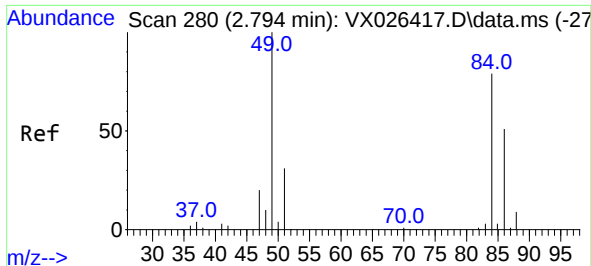
Tgt Ion: 43 Resp: 6250
Ion Ratio Lower Upper
43 100
58 34.1 23.0 34.6



#18
Methyl Acetate
Concen: 0.373 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
74 11.1 18.3 27.5#

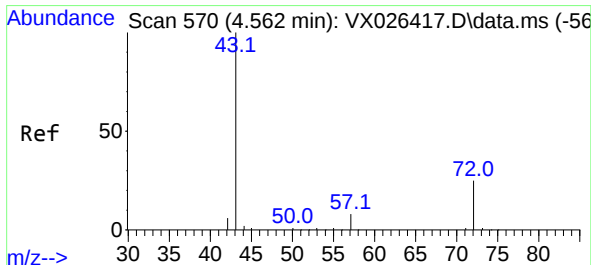
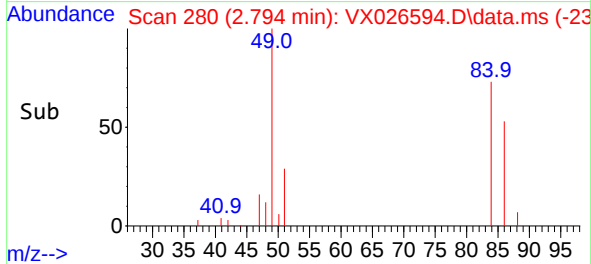
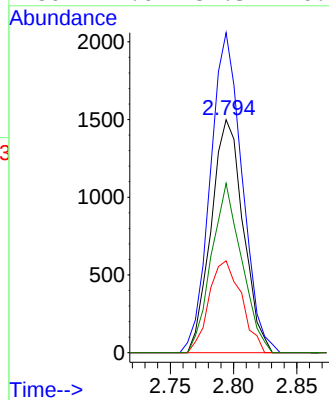
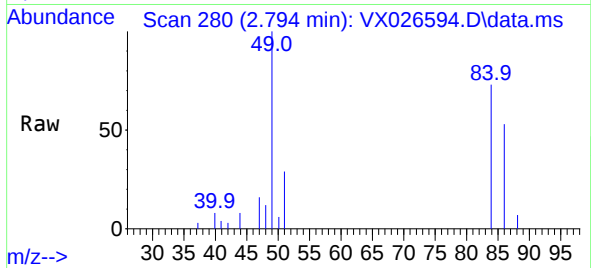




#20
Methylene Chloride
Concen: 1.644 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

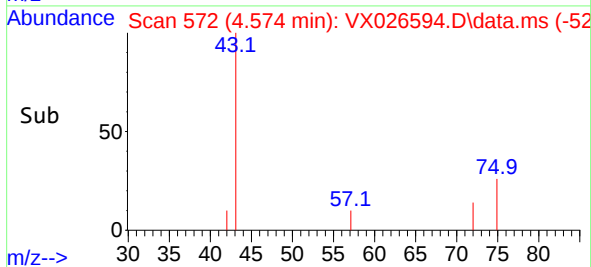
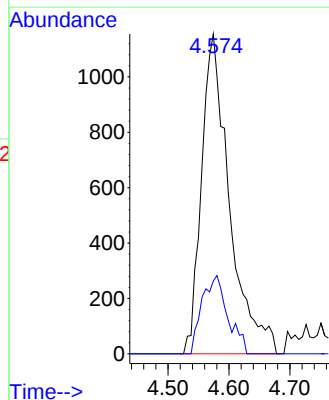
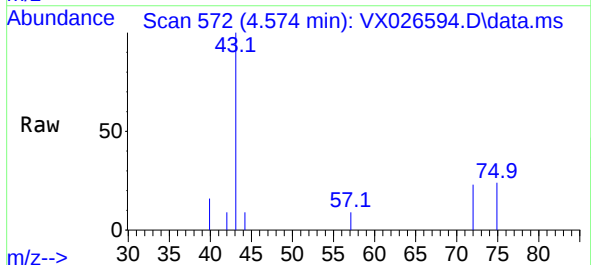
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

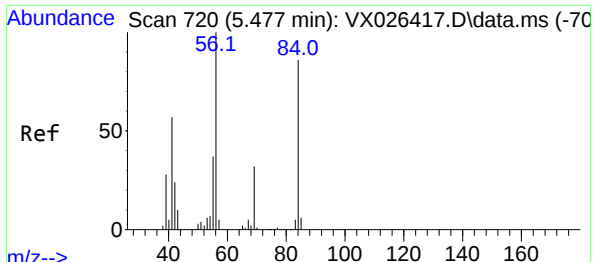
Tgt Ion:	84	Resp:	2641
Ion	Ratio	Lower	Upper
84	100		
49	137.4	101.5	152.3
51	39.4	31.2	46.8
86	72.6	51.3	76.9



#25
2-Butanone
Concen: 2.911 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

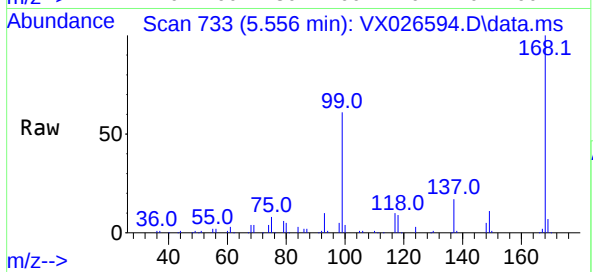
Tgt Ion:	43	Resp:	3682
Ion	Ratio	Lower	Upper
43	100		
72	22.8	20.4	30.6





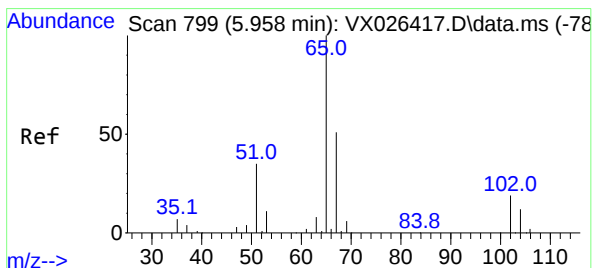
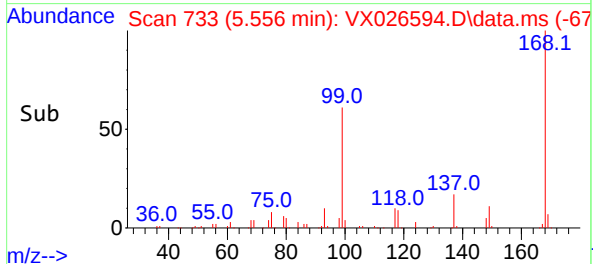
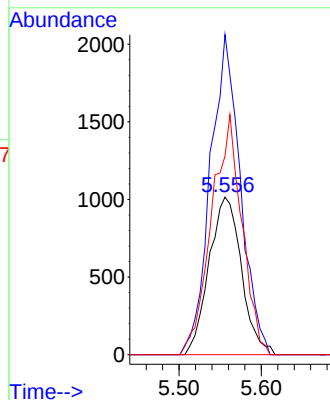
#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04



Tgt Ion: 56 Resp: 2783

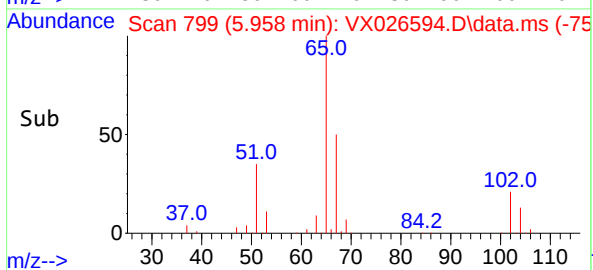
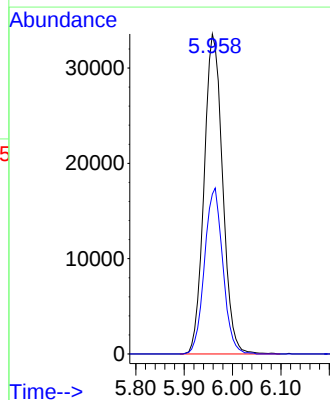
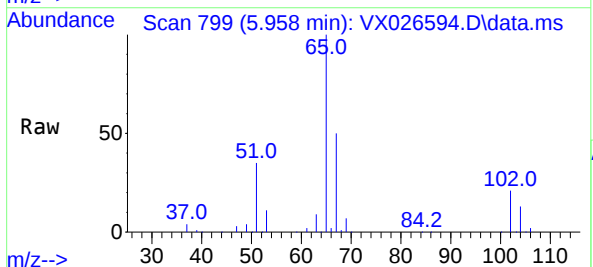
Ion	Ratio	Lower	Upper
56	100		
69	203.0	25.8	38.6#
84	125.9	68.9	103.3#

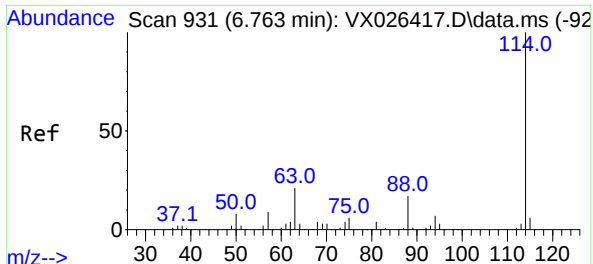


#33
1,2-Dichloroethane-d4
Concen: 46.876 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 65 Resp: 89394

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.8

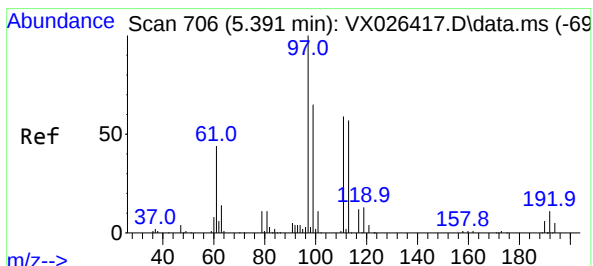
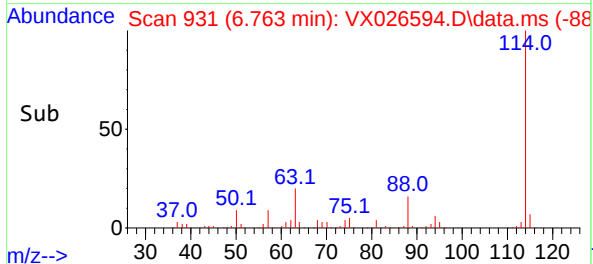
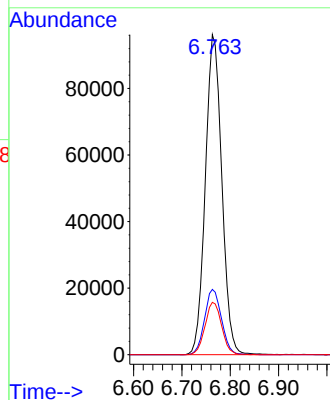
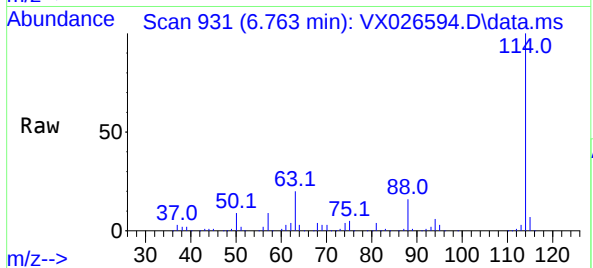




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

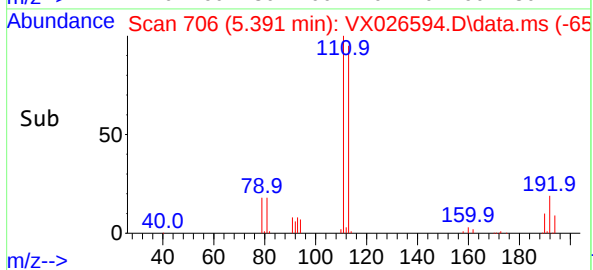
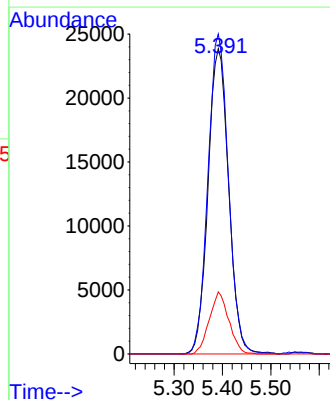
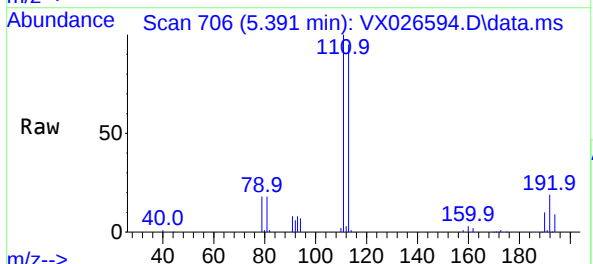
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

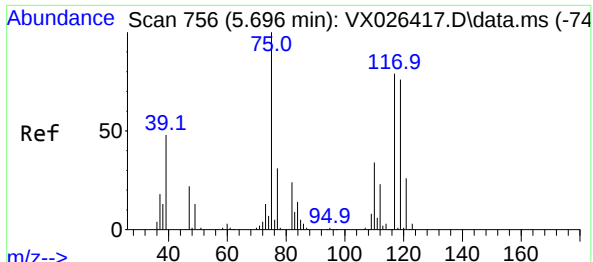
Tgt Ion:114 Resp: 227776
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.056 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion:113 Resp: 70686
Ion Ratio Lower Upper
113 100
111 103.8 81.2 121.8
192 19.2 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.481 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX026594.D

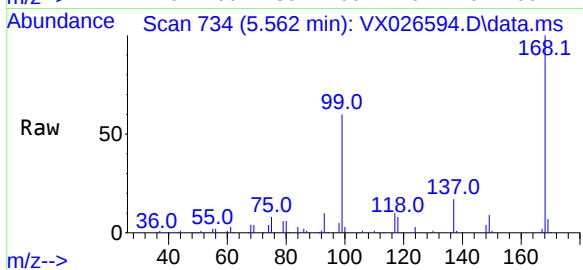
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Instrument :

MSVOA_X

ClientSampleId :

PB142265ZHE#04



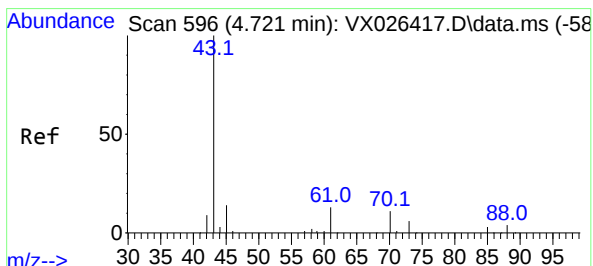
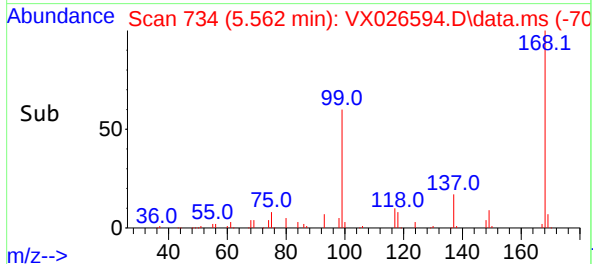
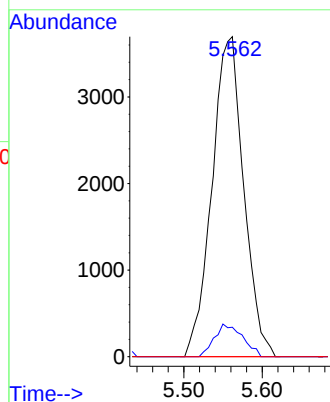
Tgt Ion: 75 Resp: 10404

Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 1.568 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.146 min

Lab File: VX026594.D

Acq: 26 Jan 2022 15:06

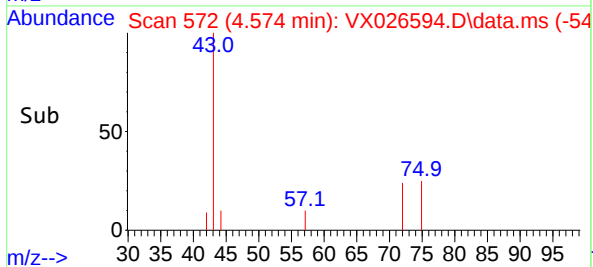
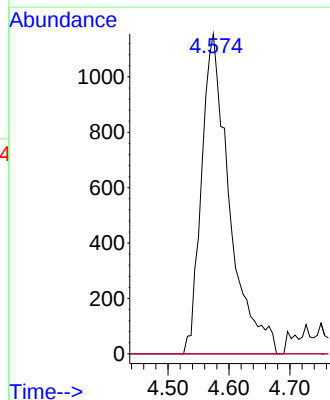
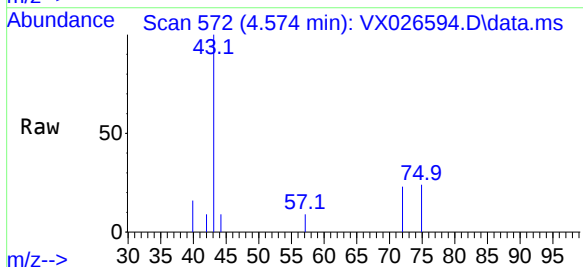
Tgt Ion: 43 Resp: 3682

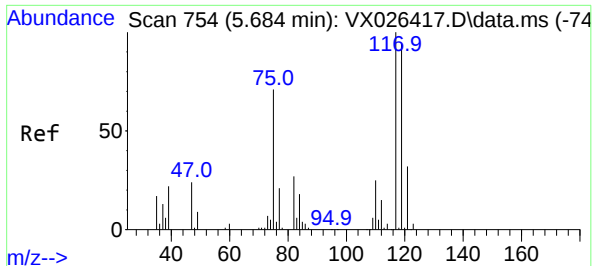
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

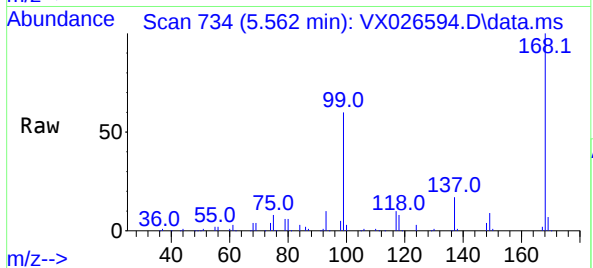
70 0.0 8.5 12.7#



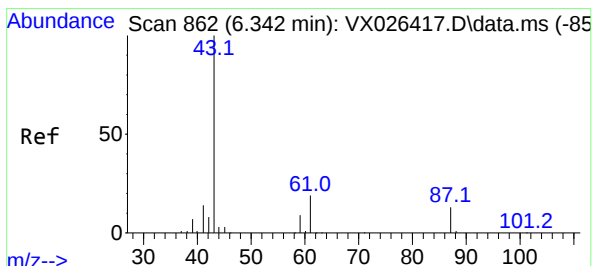
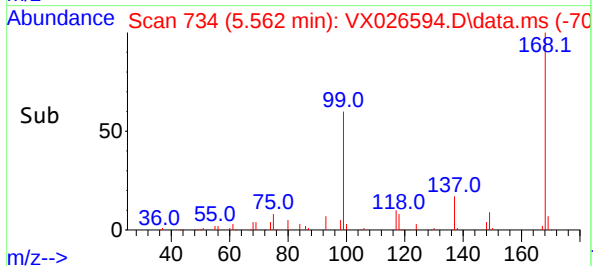
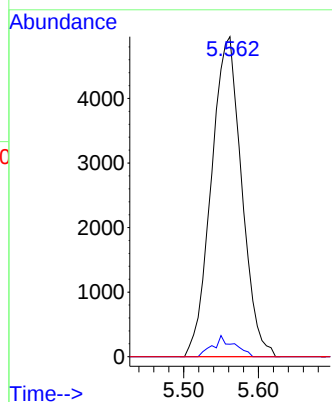


#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

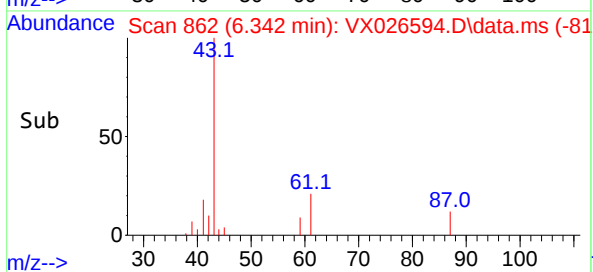
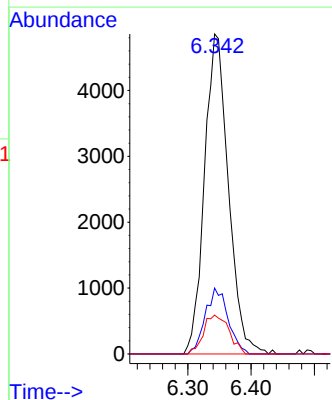
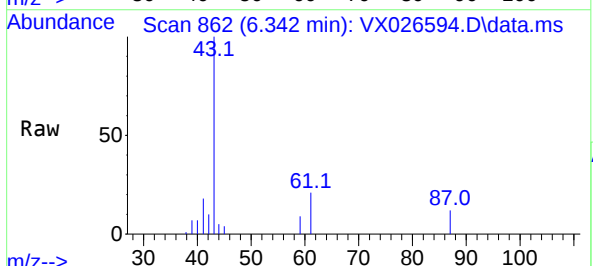


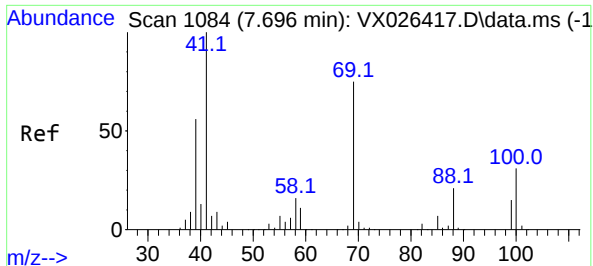
Tgt Ion:117 Resp: 13979
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.371 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 43 Resp: 12790
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 12.9 10.2 15.2





#48

Methyl methacrylate

Concen: 2.025 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX026594.D

Acq: 26 Jan 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

PB142265ZHE#04

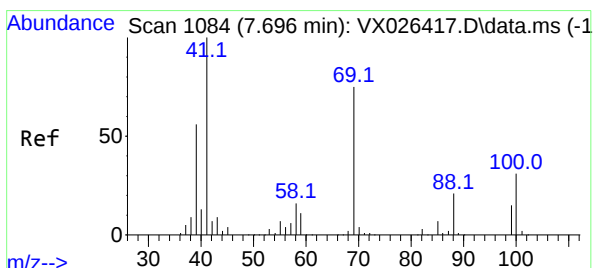
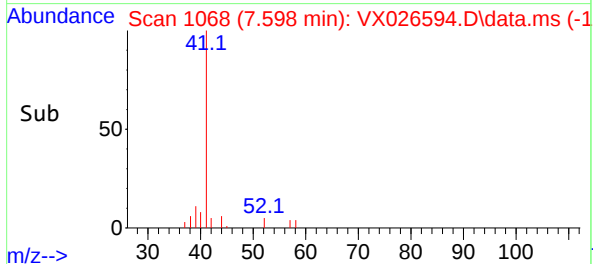
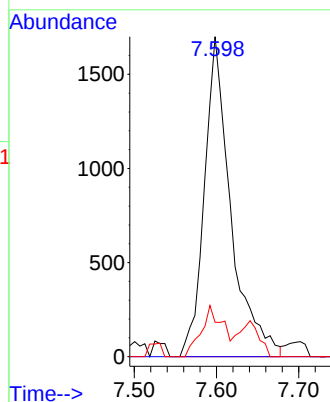
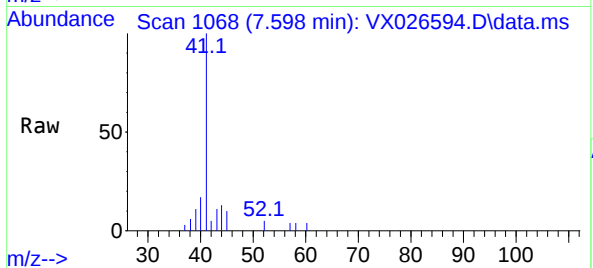
Tgt Ion: 41 Resp: 3807

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: 1.685 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026594.D

Acq: 26 Jan 2022 15:06

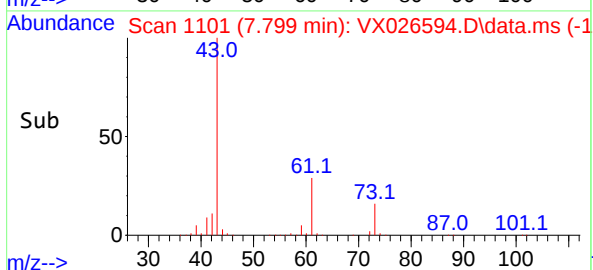
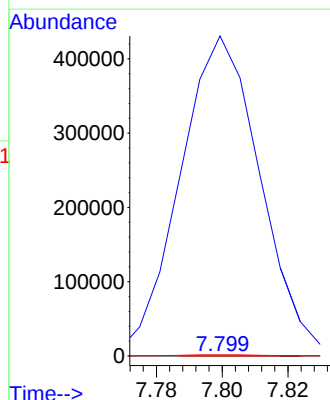
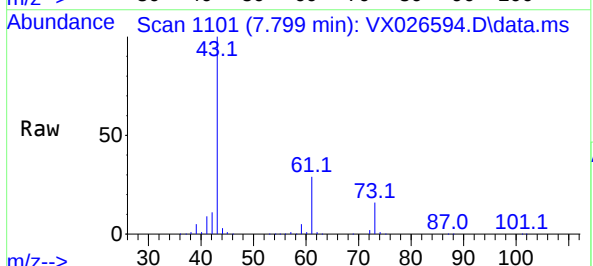
Tgt Ion: 88 Resp: 52

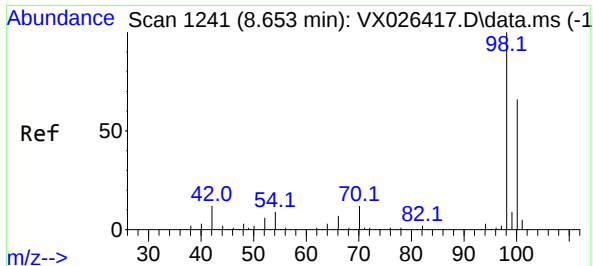
Ion Ratio Lower Upper

88 100

43 1423061.5 29.9 44.9#

58 5596.2 57.8 86.6#

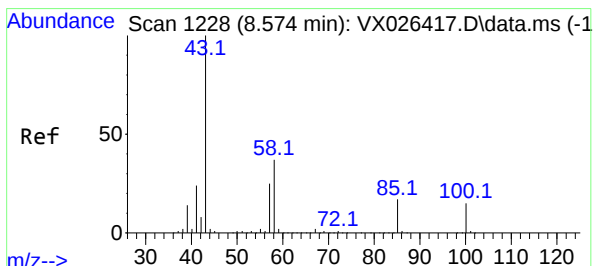
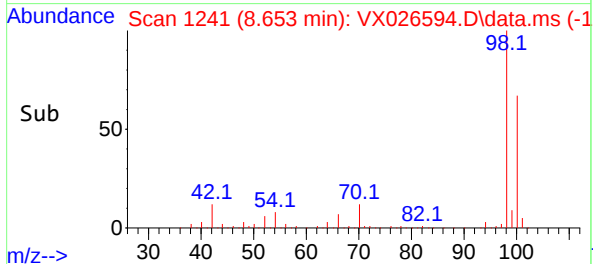
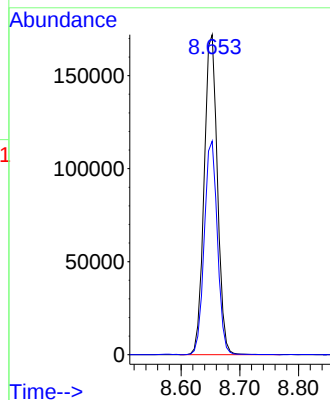
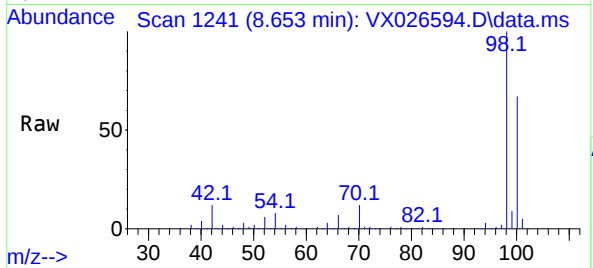




#50
Toluene-d8
Concen: 50.955 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

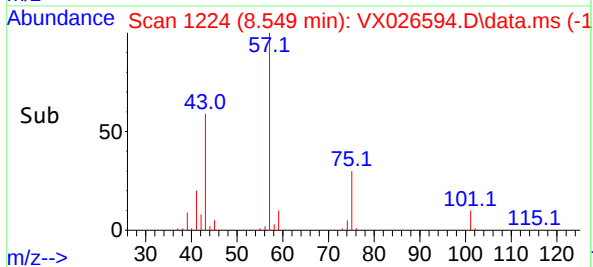
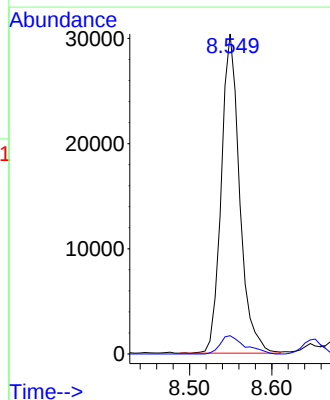
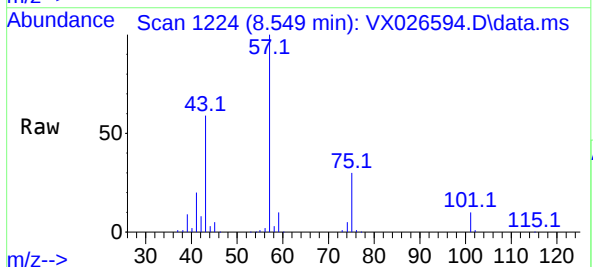
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

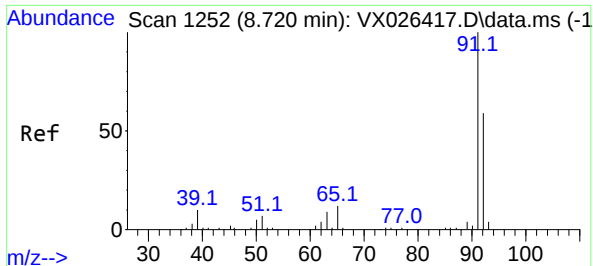
Tgt Ion: 98 Resp: 270089
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 20.904 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 43 Resp: 47045
Ion Ratio Lower Upper
43 100
58 7.7 30.5 45.7#

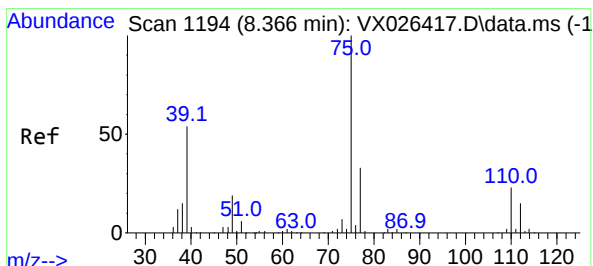
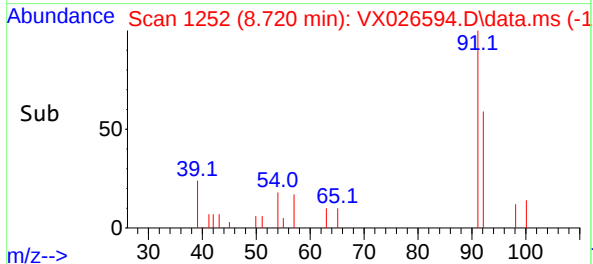
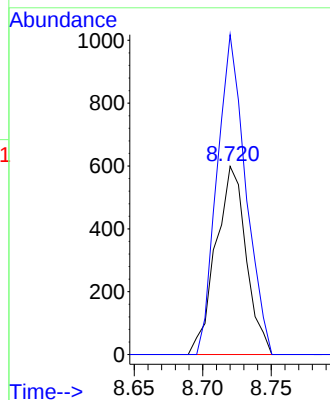
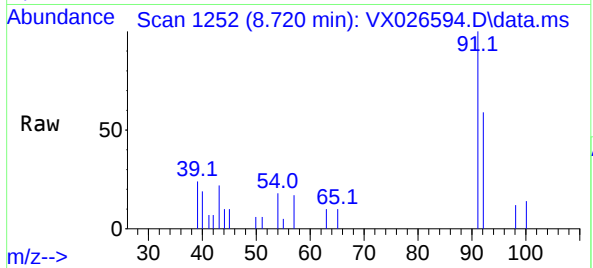




#52
Toluene
Concen: 0.235 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

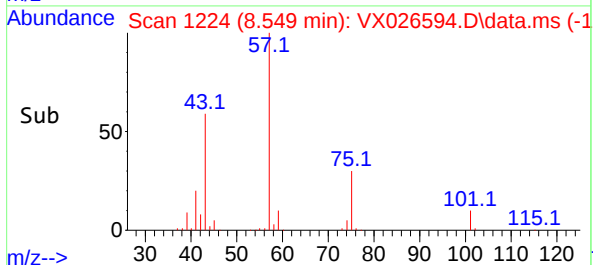
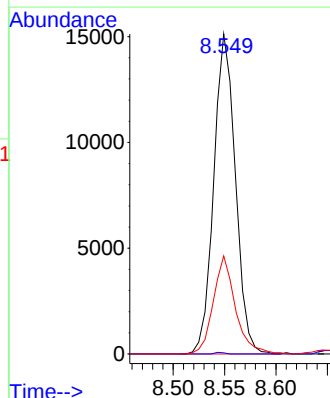
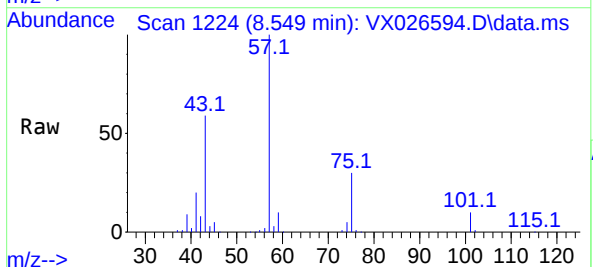
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

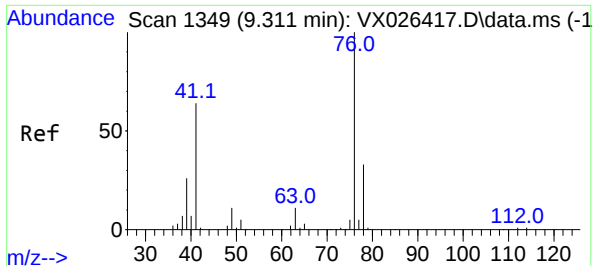
Tgt Ion: 92 Resp: 924
Ion Ratio Lower Upper
92 100
91 160.3 135.7 203.5



#54
cis-1,3-Dichloropropene
Concen: 9.029 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 75 Resp: 22129
Ion Ratio Lower Upper
75 100
77 0.4 26.2 39.2#
39 30.6 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.810 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026594.D

Acq: 26 Jan 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

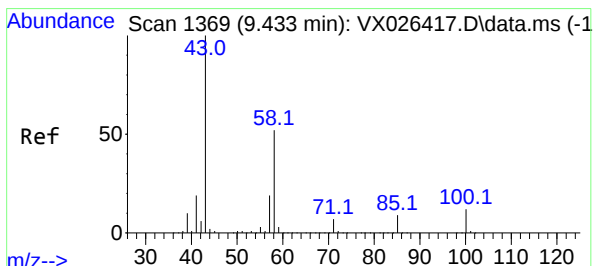
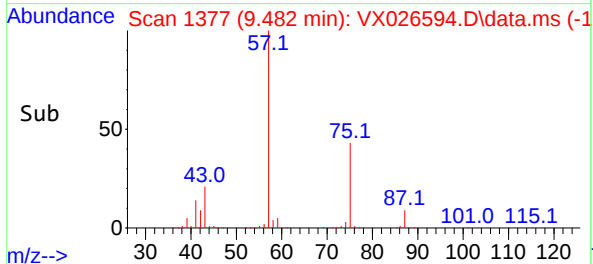
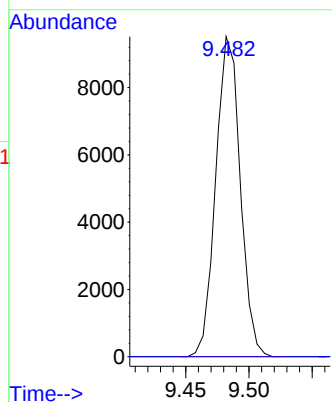
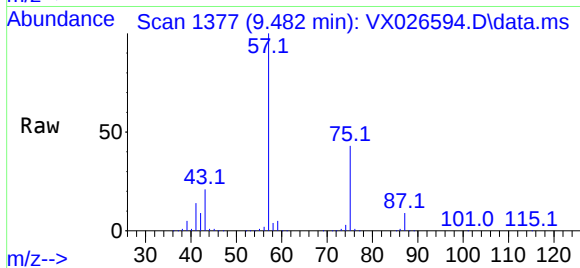
PB142265ZHE#04

Tgt Ion: 76 Resp: 12807

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 105.247 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026594.D

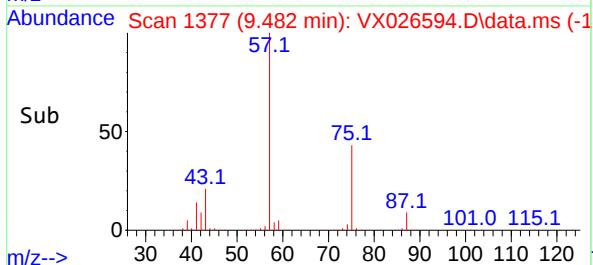
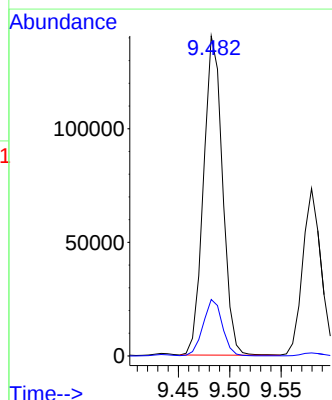
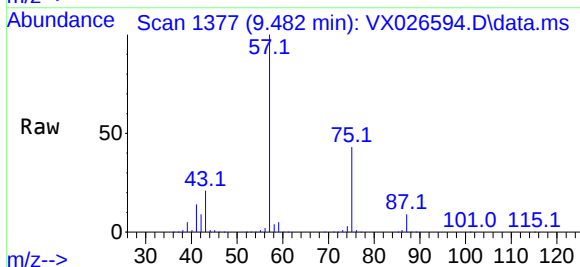
Acq: 26 Jan 2022 15:06

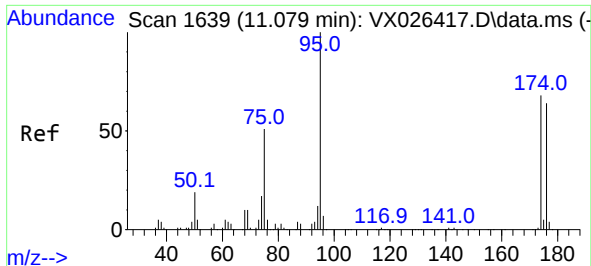
Tgt Ion: 43 Resp: 181288

Ion Ratio Lower Upper

43 100

58 18.1 26.4 79.2#

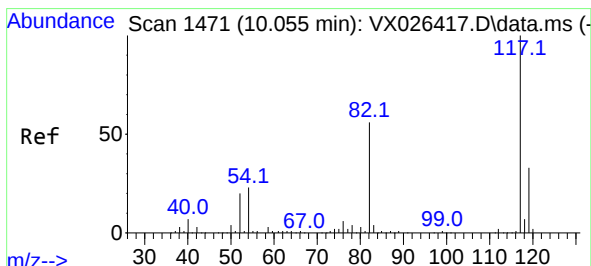
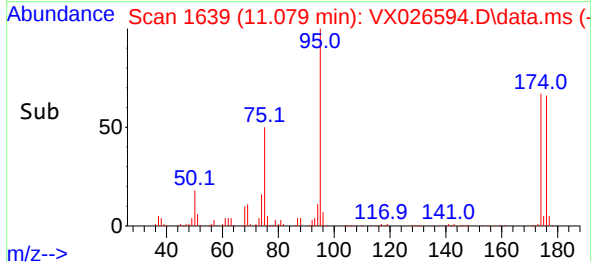
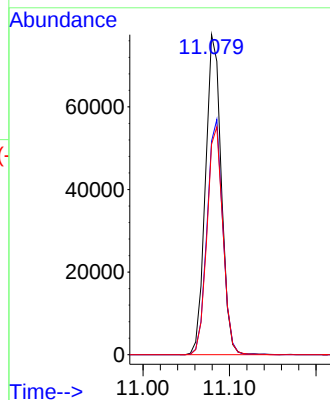
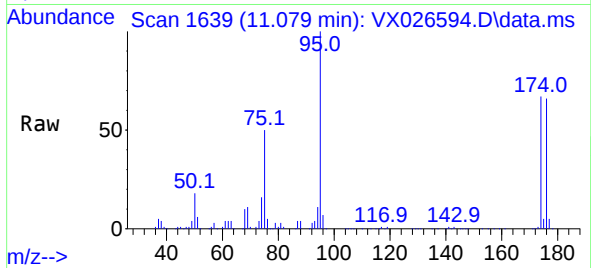




#62
4-Bromofluorobenzene
Concen: 52.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

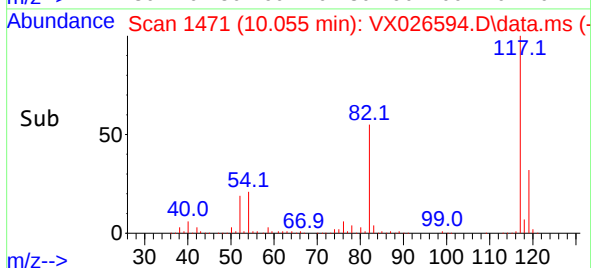
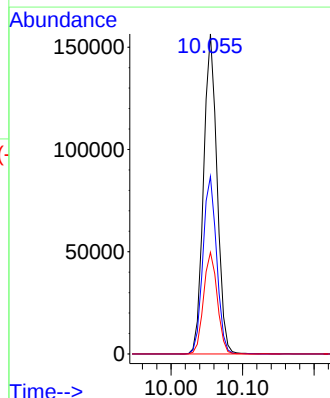
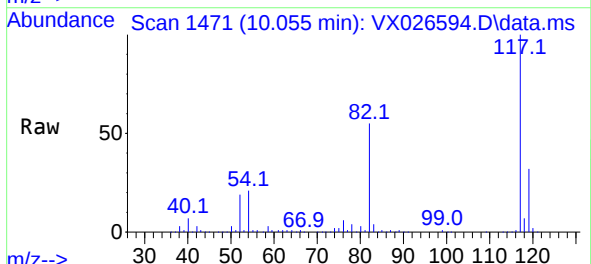
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

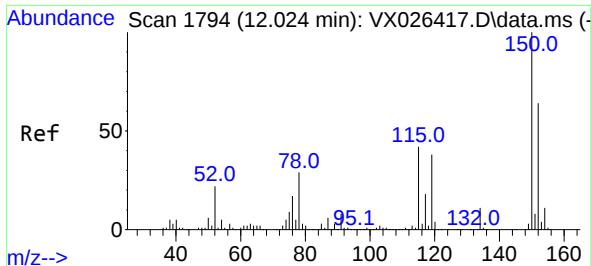
Tgt Ion: 95 Resp: 98215
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.6
176 71.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 117 Resp: 205247
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.8 26.2 39.2

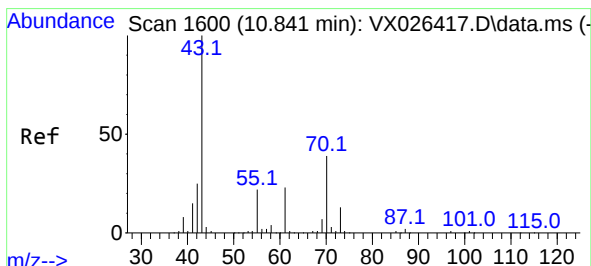
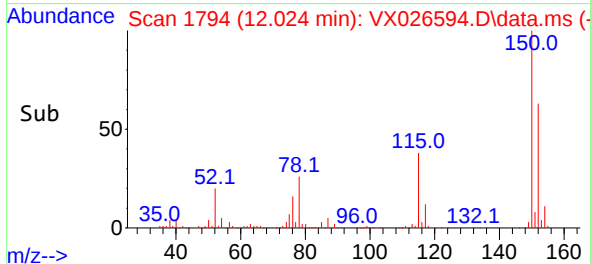
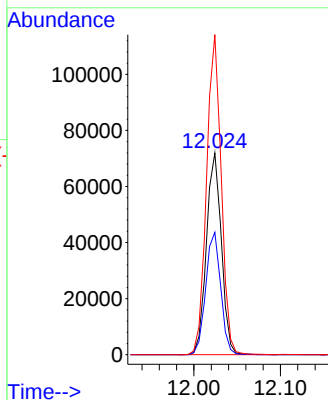
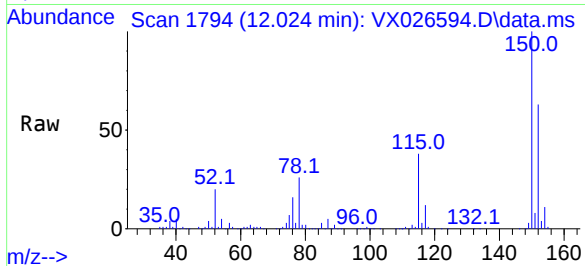




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

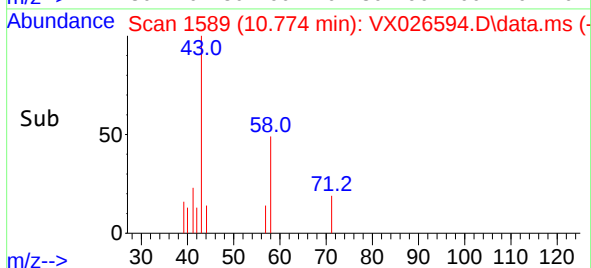
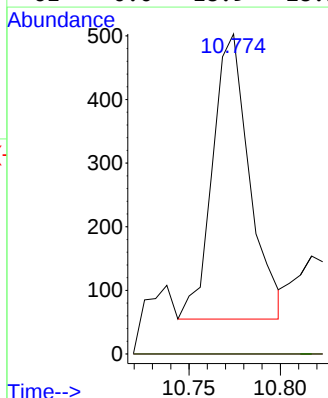
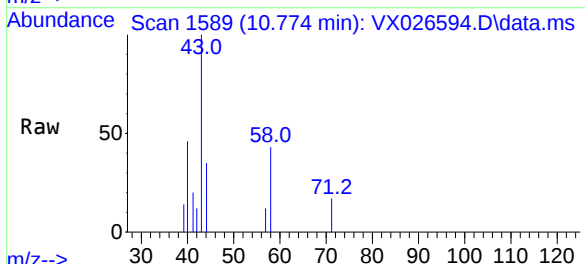
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

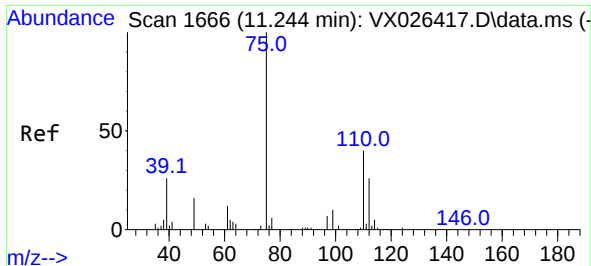
Tgt Ion:152 Resp: 86230
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 155.7 0.0 348.2



#74
N-ethyl acetate
Concen: 0.231 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 43 Resp: 630
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#

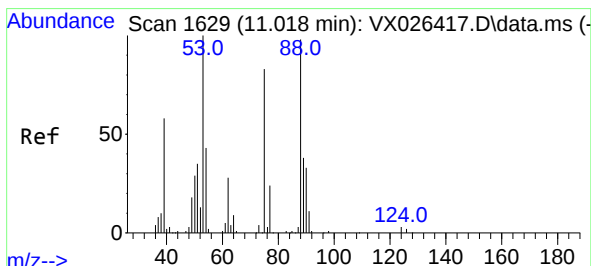
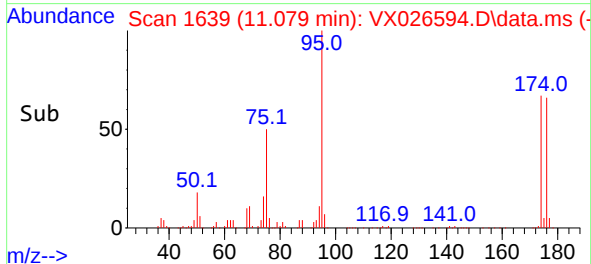
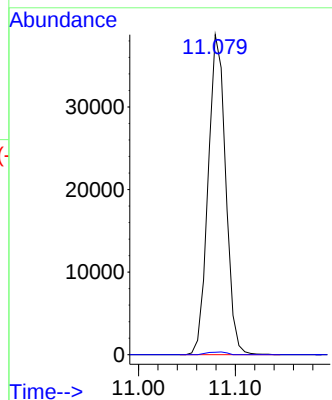
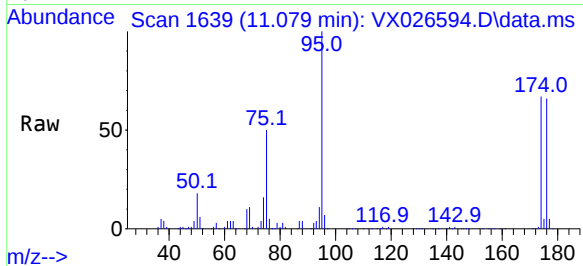




#76
1,2,3-Trichloropropane
Concen: 25.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#04

Tgt Ion: 75 Resp: 48956
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026594.D
Acq: 26 Jan 2022 15:06

Tgt Ion: 75 Resp: 48956
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

