

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027085.D
 Acq On : 17 Feb 2022 18:05
 Operator : JC/MD
 Sample : PB142725ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142725ZHE#04

Quant Time: Feb 18 03:53:29 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)

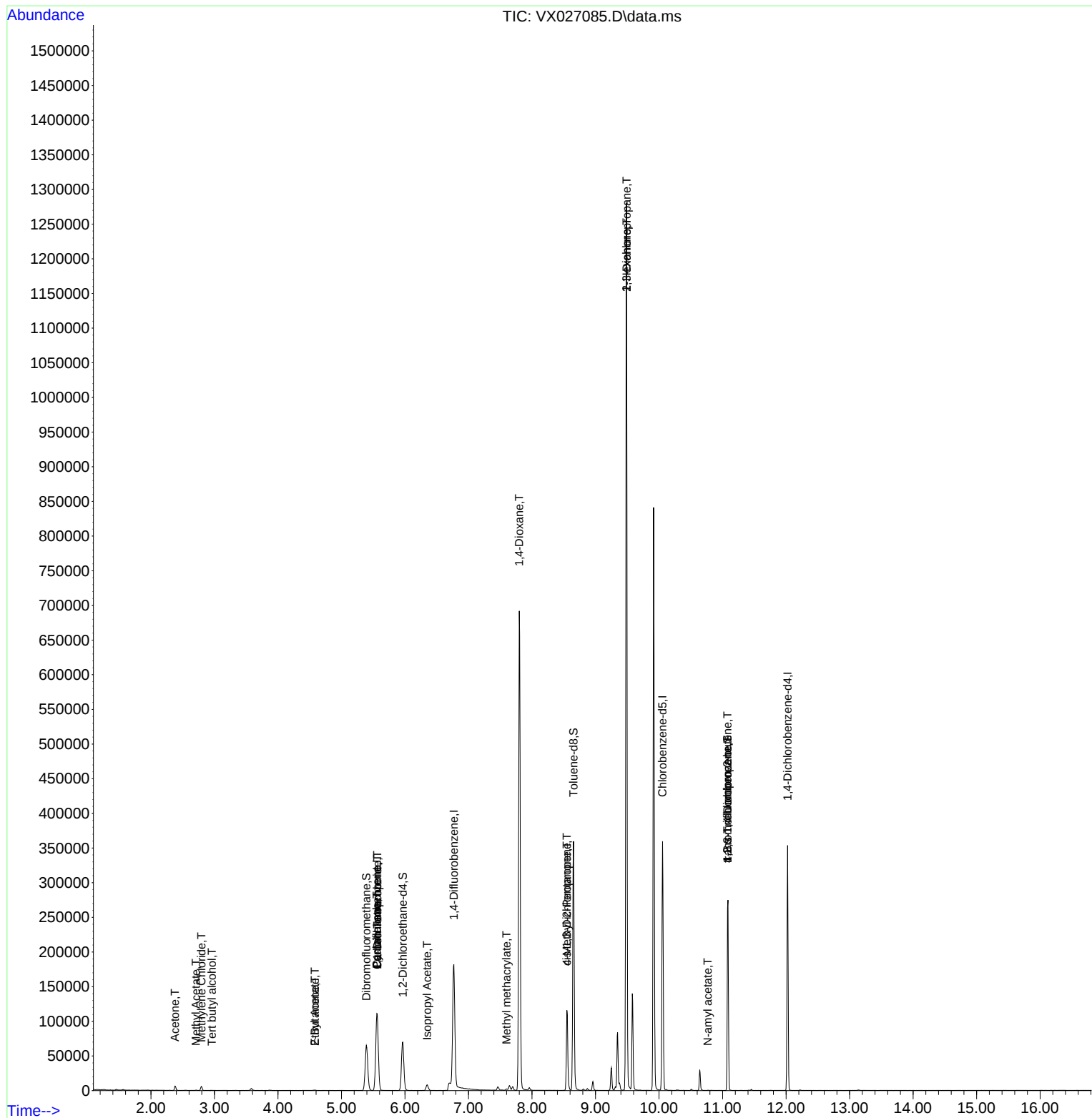
Internal Standards						
1) Pentafluorobenzene	5.556	168	107424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	185232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68624	53.217	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.440%			
35) Dibromofluoromethane	5.391	113	57336	51.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	8.653	98	212183	52.379	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.760%			
62) 4-Bromofluorobenzene	11.079	95	75876	53.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.400%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.855	64	45	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	181	0.777	ug/l #	75
16) Acetone	2.380	43	6935	12.245	ug/l	96
18) Methyl Acetate	2.709	43	830	0.509	ug/l #	79
20) Methylene Chloride	2.794	84	2571	2.095	ug/l #	94
25) 2-Butanone	4.580	43	1320	1.447	ug/l	98
31) Cyclohexane	5.556	56	2003	0.978	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	8126	4.668	ug/l #	50
37) Ethyl Acetate	4.580	43	1320	0.667	ug/l #	69
38) Carbon Tetrachloride	5.562	117	11014	6.033	ug/l #	18
43) Isopropyl Acetate	6.348	43	11148	3.662	ug/l	98
48) Methyl methacrylate	7.598	41	3482	2.308	ug/l #	16
49) 1,4-Dioxane	7.799	88	51	1.962	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	40580	21.998	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18984	10.106	ug/l #	57
57) 1,3-Dichloropropane	9.488	76	11014	5.274	ug/l #	43
59) 2-Hexanone	9.488	43	153413	113.697	ug/l #	52
74) N-amyl acetate	10.768	43	465	0.213	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	36732	24.228	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	36732	74.005	ug/l #	3

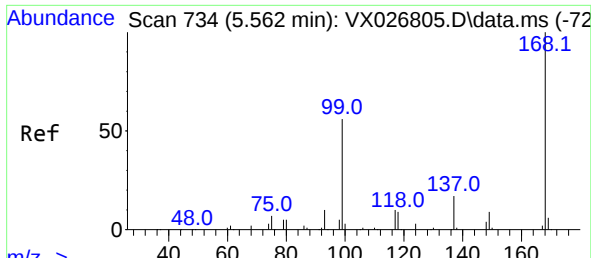
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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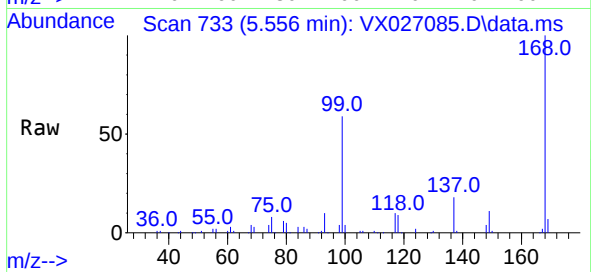
Quant Time: Feb 18 03:53:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
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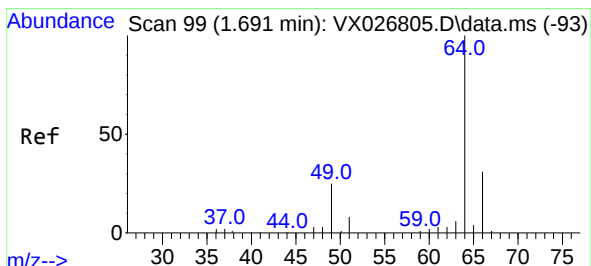
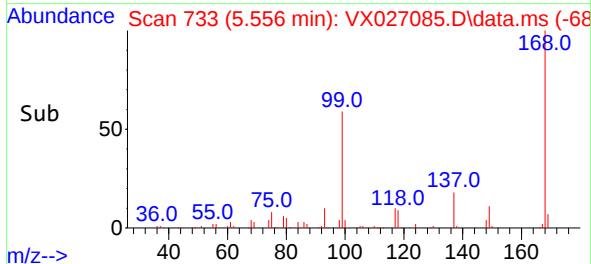
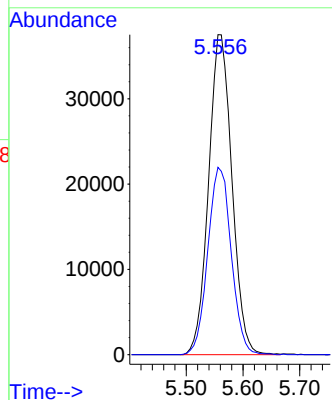


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#04

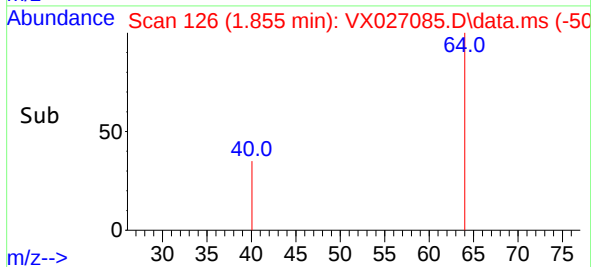
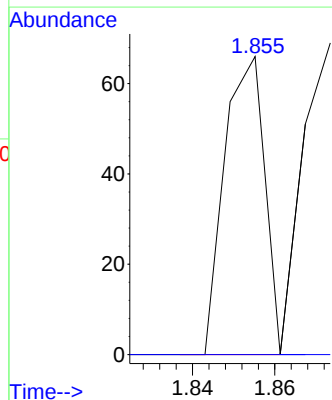
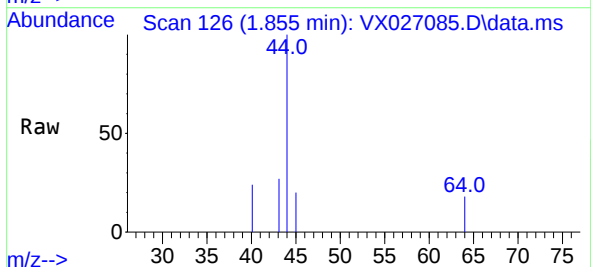


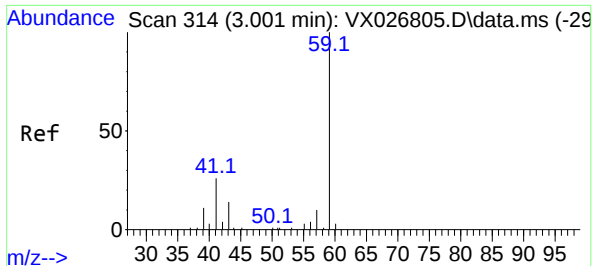
Tgt Ion:168 Resp: 107424
Ion Ratio Lower Upper
168 100
99 58.6 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.855 min Scan# 126
Delta R.T. 0.164 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.777 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

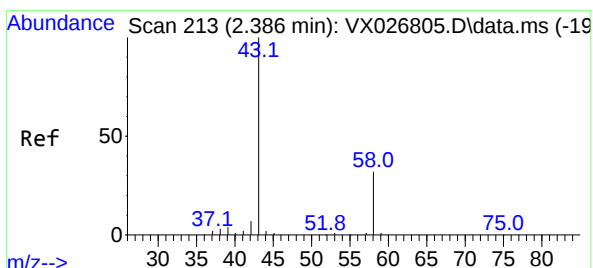
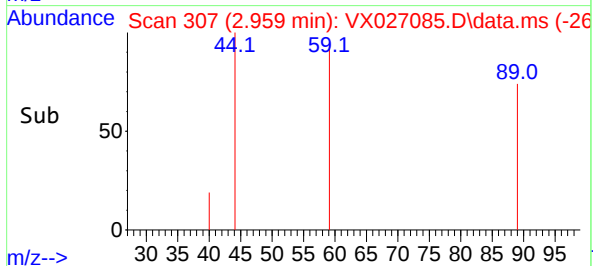
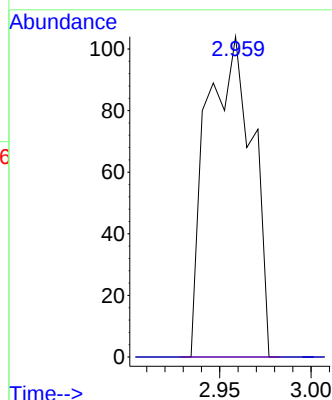
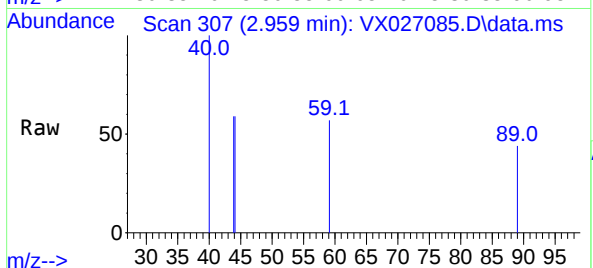
PB142725ZHE#04

Tgt Ion: 59 Resp: 181

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 12.245 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX027085.D

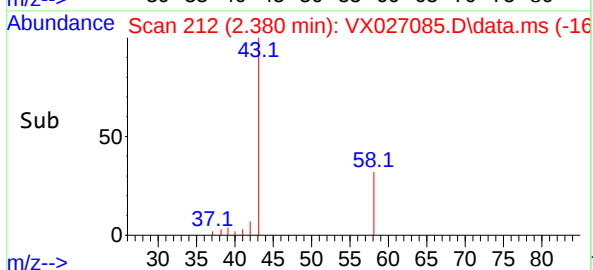
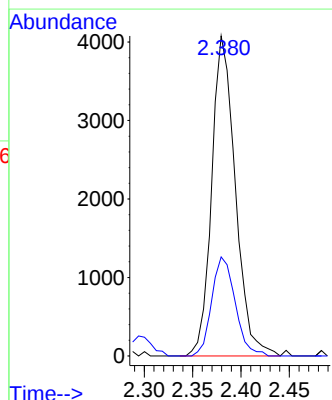
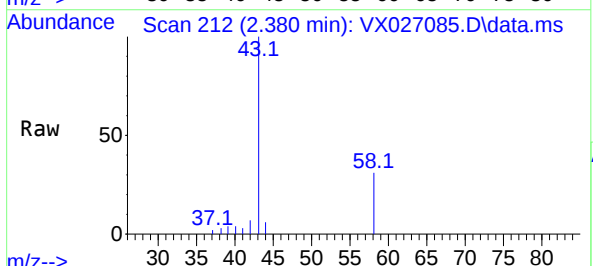
Acq: 17 Feb 2022 18:05

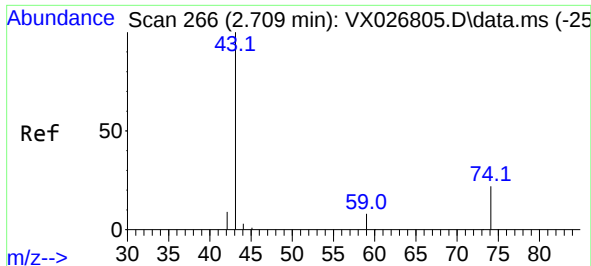
Tgt Ion: 43 Resp: 6935

Ion Ratio Lower Upper

43 100

58 31.0 23.0 34.6





#18

Methyl Acetate

Concen: 0.509 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

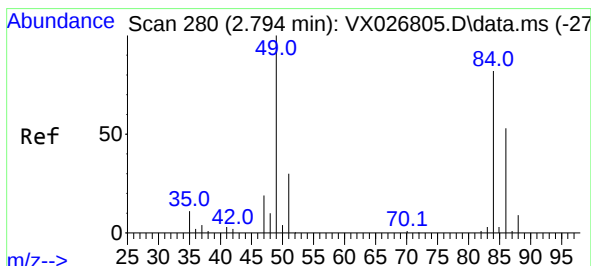
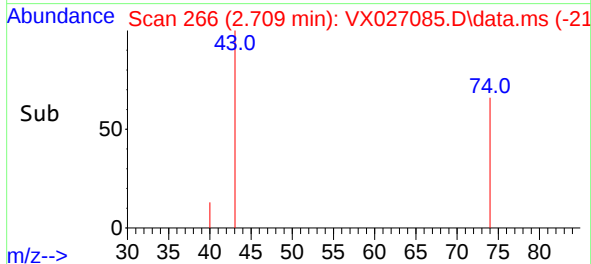
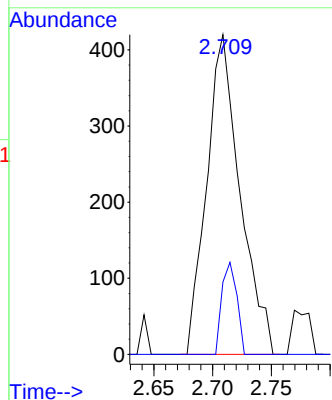
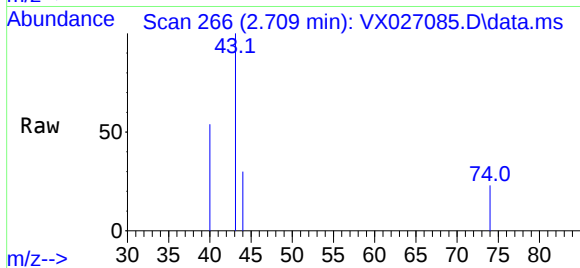
PB142725ZHE#04

Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

74 12.9 18.3 27.5#



#20

Methylene Chloride

Concen: 2.095 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

Tgt Ion: 84 Resp: 2571

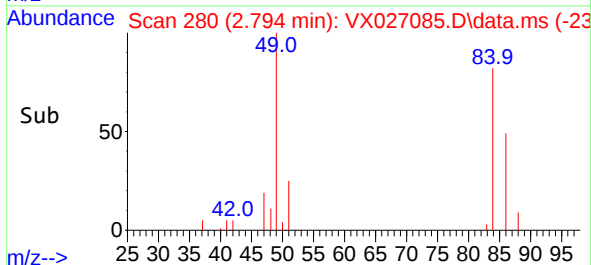
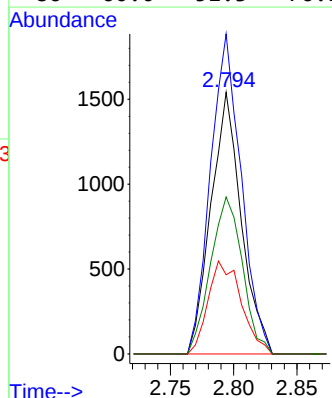
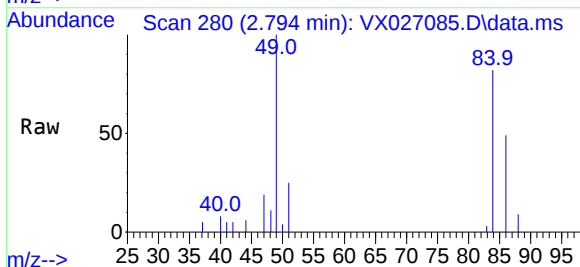
Ion Ratio Lower Upper

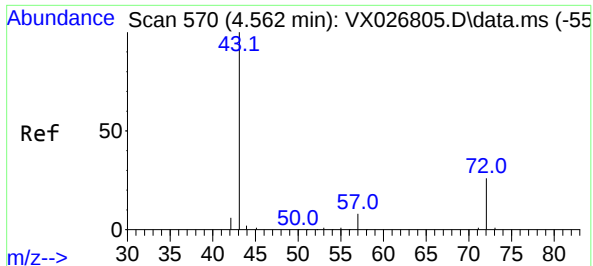
84 100

49 122.3 101.5 152.3

51 30.2 31.2 46.8#

86 60.0 51.3 76.9





#25

2-Butanone

Concen: 1.447 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

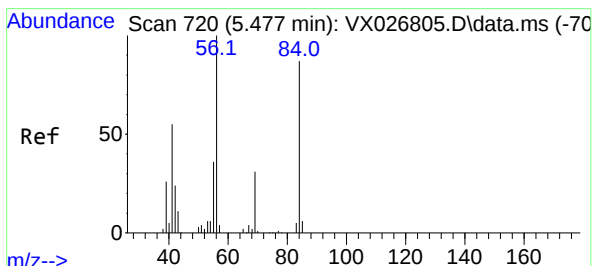
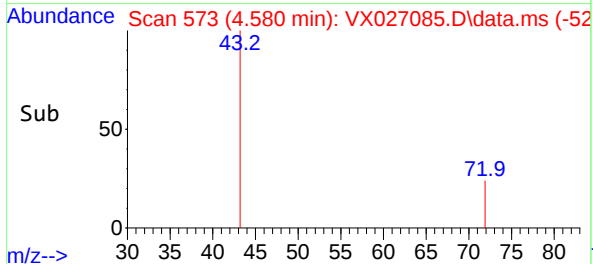
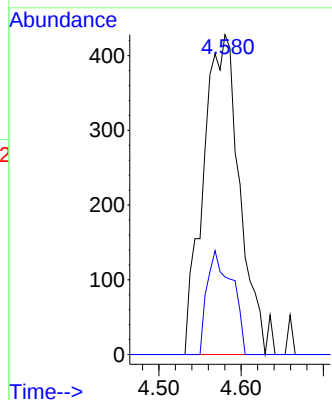
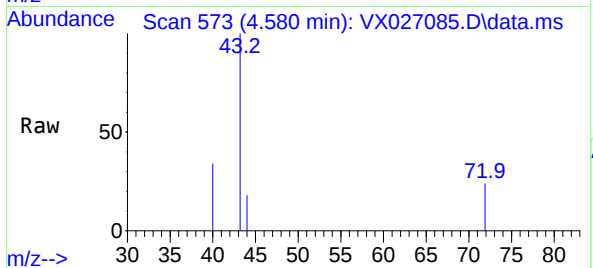
PB142725ZHE#04

Tgt Ion: 43 Resp: 1320

Ion Ratio Lower Upper

43 100

72 24.3 20.4 30.6



#31

Cyclohexane

Concen: 0.978 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

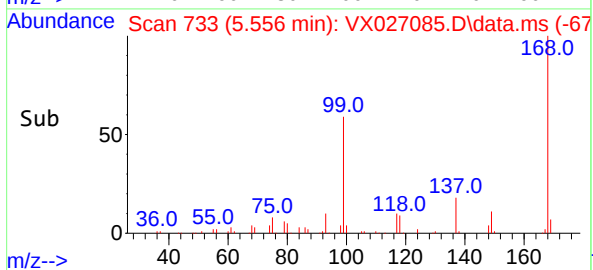
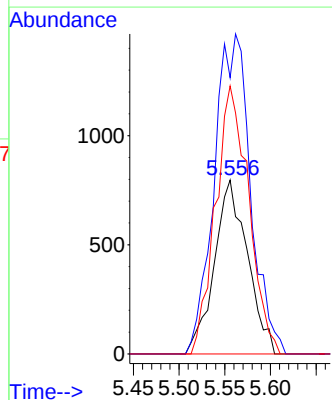
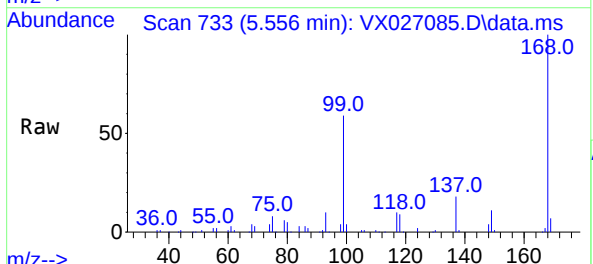
Tgt Ion: 56 Resp: 2003

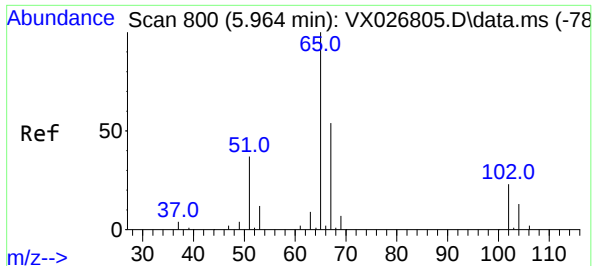
Ion Ratio Lower Upper

56 100

69 158.8 25.8 38.6#

84 154.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.217 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

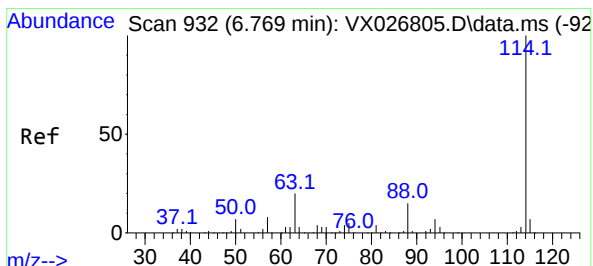
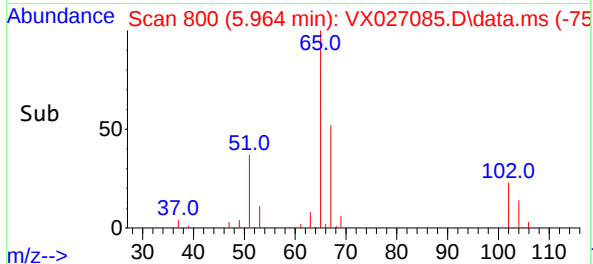
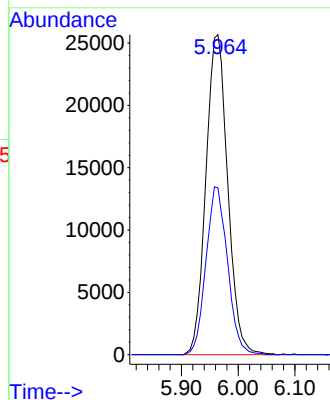
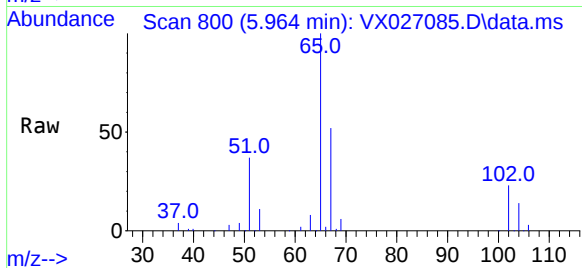
PB142725ZHE#04

Tgt Ion: 65 Resp: 68624

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

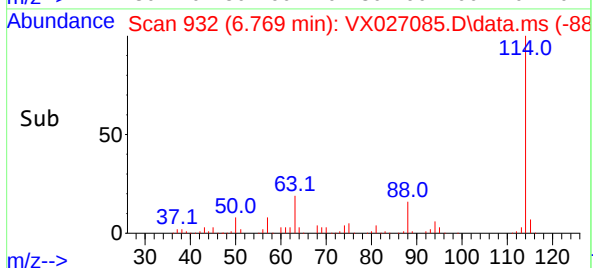
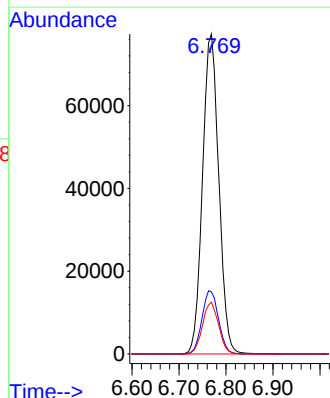
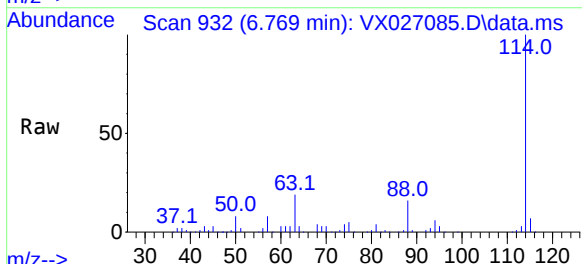
Tgt Ion: 114 Resp: 185232

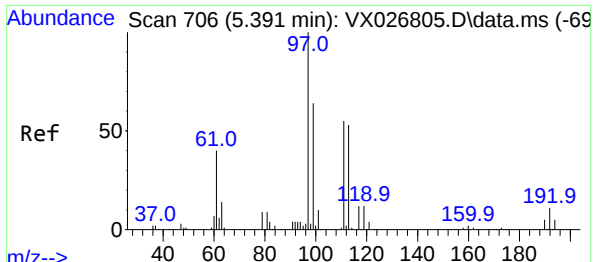
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.955 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX027085.D

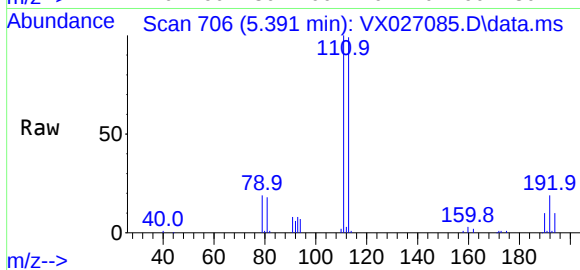
Acq: 17 Feb 2022 18:05

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MSVOA_X

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PB142725ZHE#04



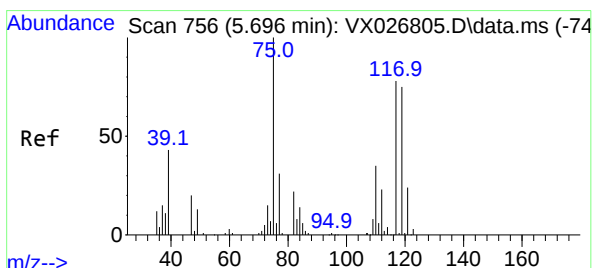
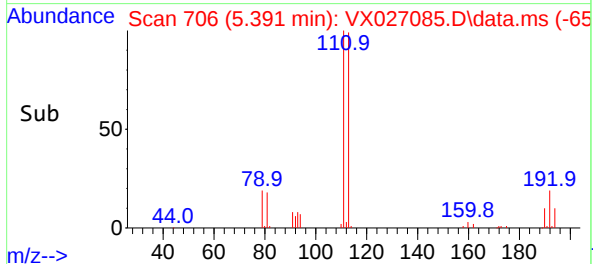
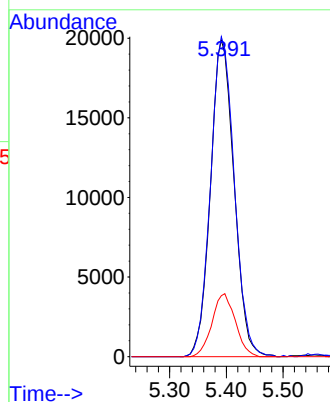
Tgt Ion:113 Resp: 57336

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

192 19.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.668 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

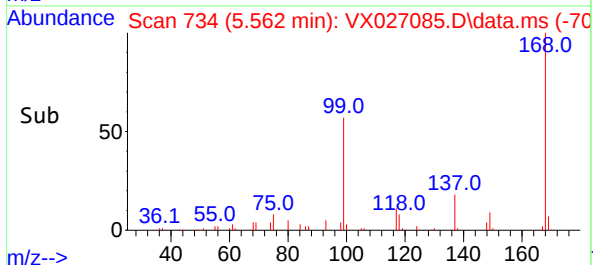
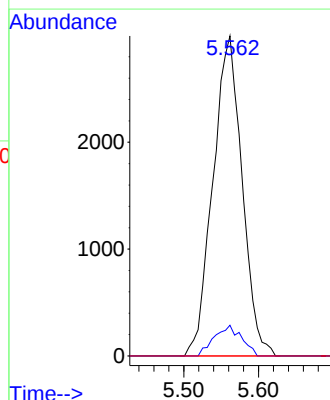
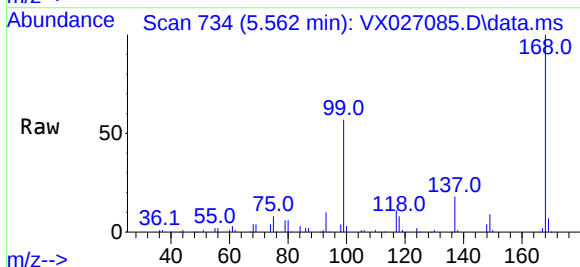
Tgt Ion: 75 Resp: 8126

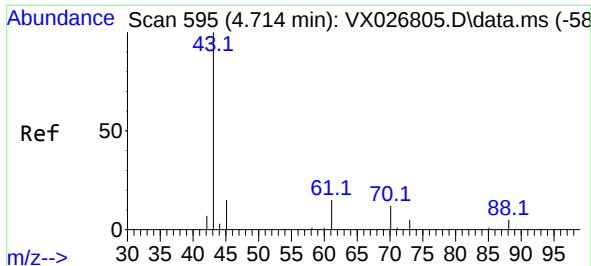
Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.667 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX027085.D

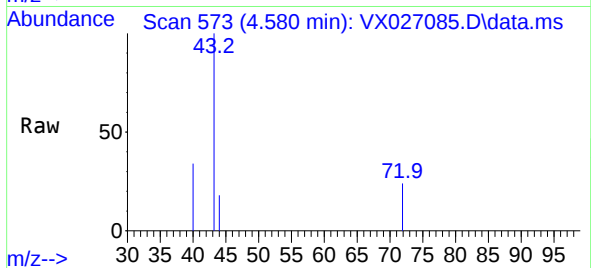
Acq: 17 Feb 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

PB142725ZHE#04



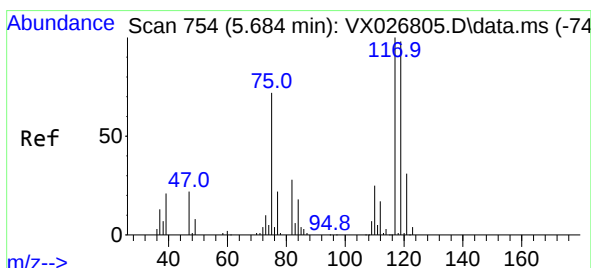
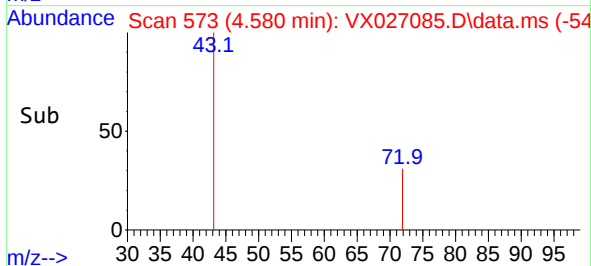
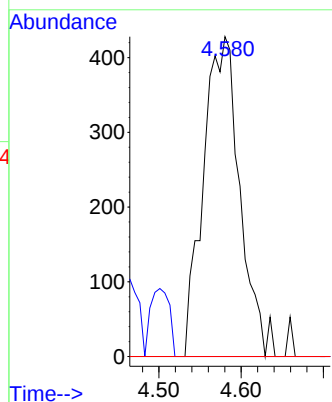
Tgt Ion: 43 Resp: 1320

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.033 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

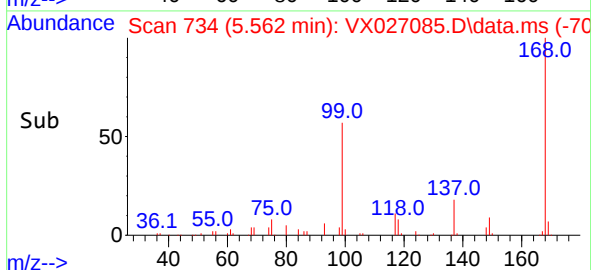
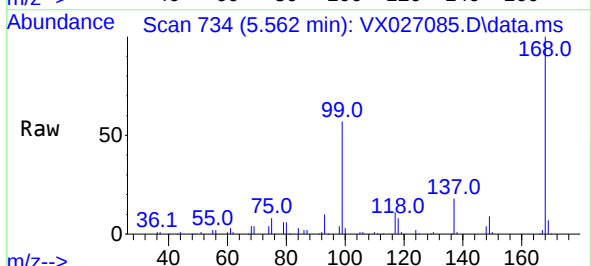
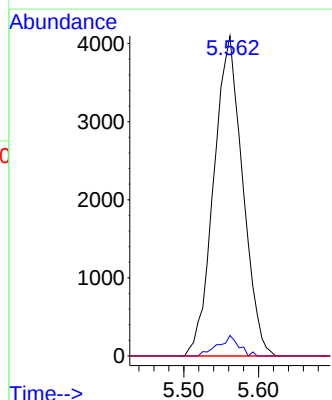
Tgt Ion: 117 Resp: 11014

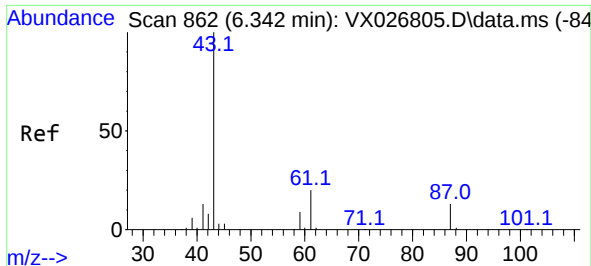
Ion Ratio Lower Upper

117 100

119 6.4 74.7 112.1#

121 0.0 25.4 38.0#

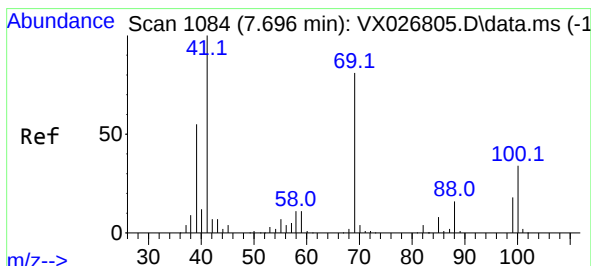
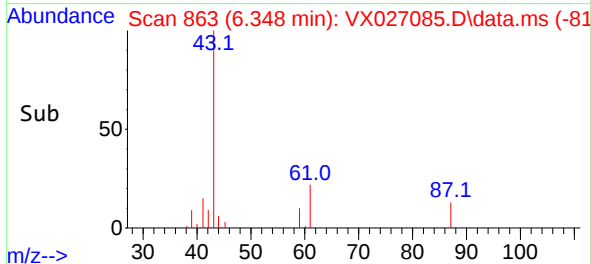
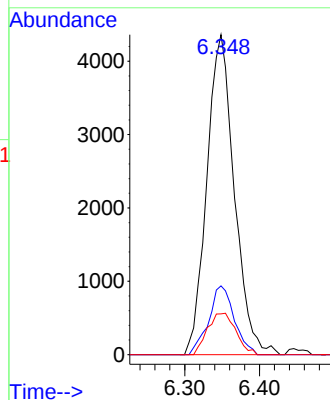
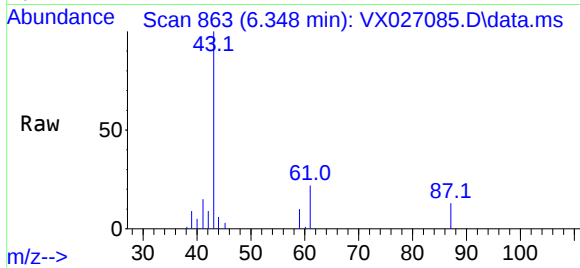




#43
Isopropyl Acetate
Concen: 3.662 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

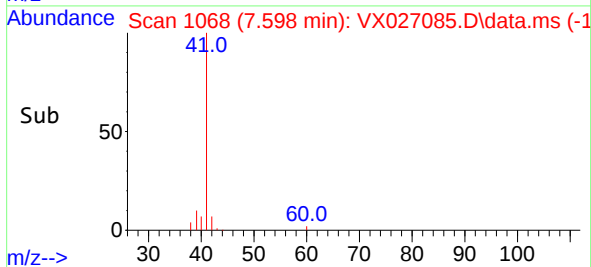
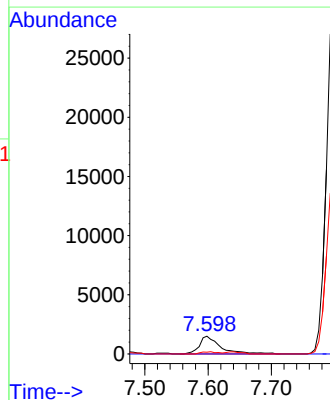
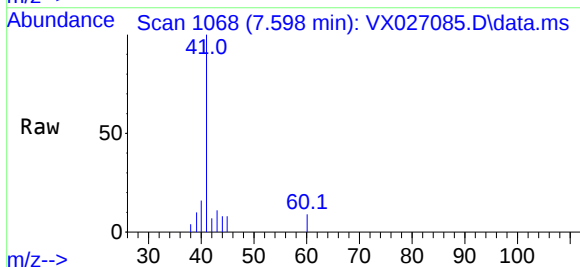
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#04

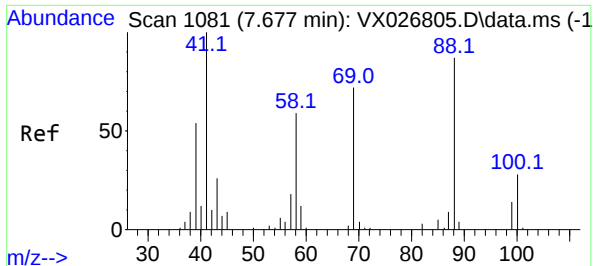
Tgt Ion: 43 Resp: 11148
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 13.4 10.2 15.2



#48
Methyl methacrylate
Concen: 2.308 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

Tgt Ion: 41 Resp: 3482
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: 1.962 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.122 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

PB142725ZHE#04

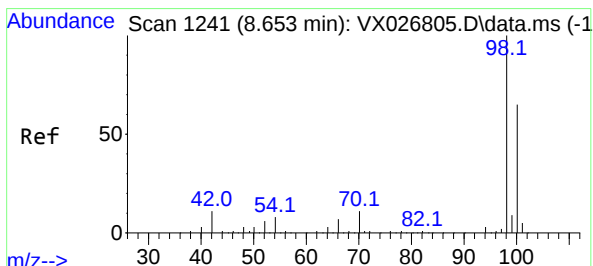
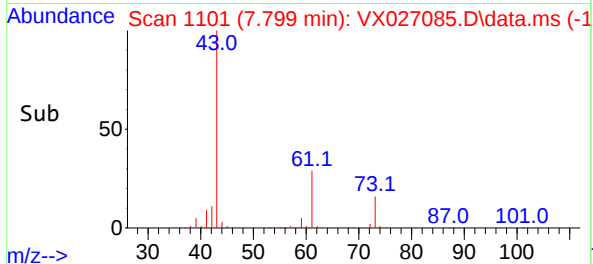
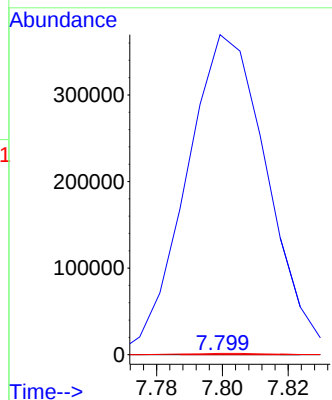
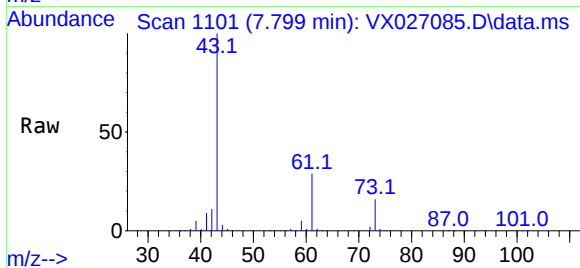
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 1258709.8 29.9 44.9#

58 4943.1 57.8 86.6#



#50

Toluene-d8

Concen: 52.379 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027085.D

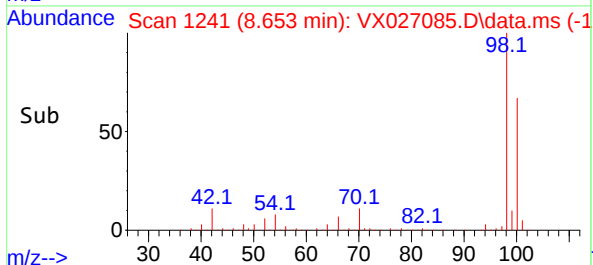
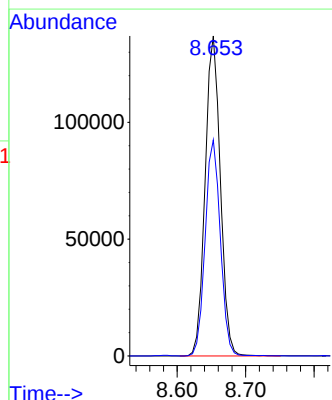
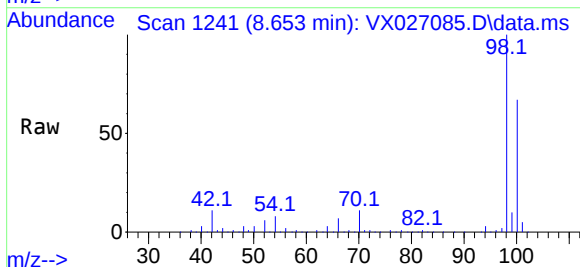
Acq: 17 Feb 2022 18:05

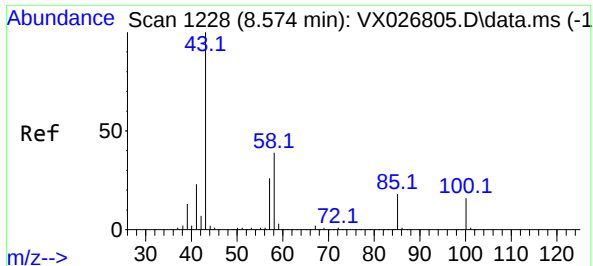
Tgt Ion: 98 Resp: 212183

Ion Ratio Lower Upper

98 100

100 67.2 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 21.998 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

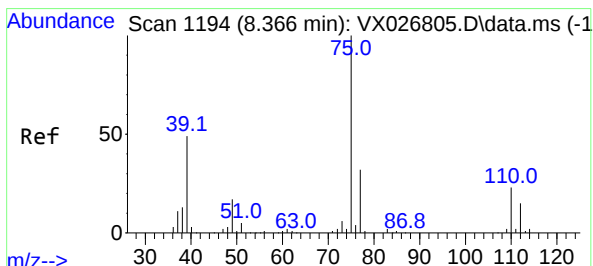
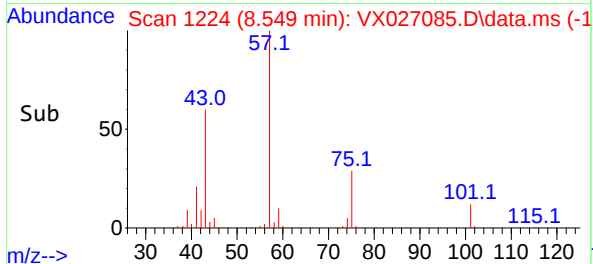
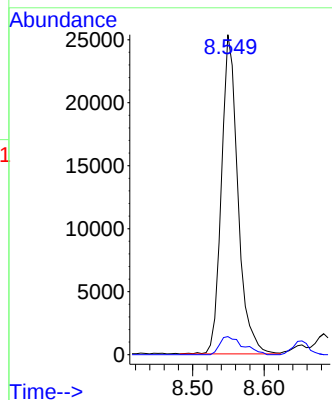
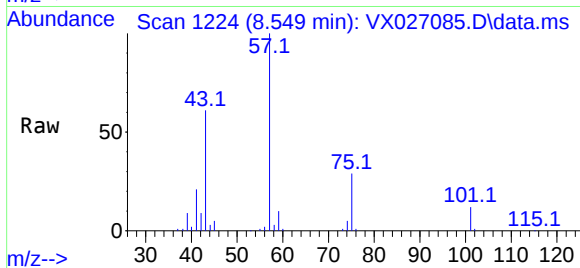
PB142725ZHE#04

Tgt Ion: 43 Resp: 40580

Ion Ratio Lower Upper

43 100

58 8.0 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 10.106 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX027085.D

Acq: 17 Feb 2022 18:05

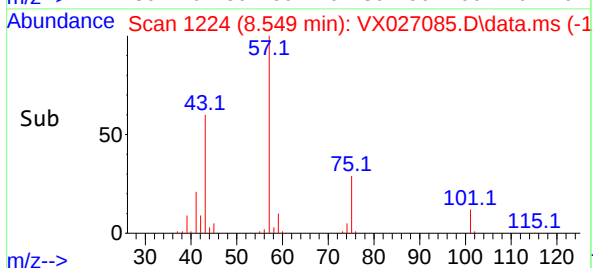
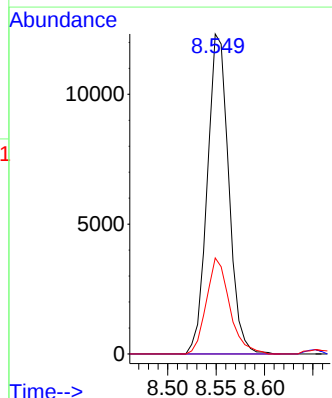
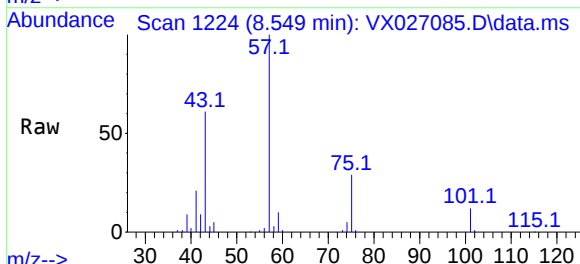
Tgt Ion: 75 Resp: 18984

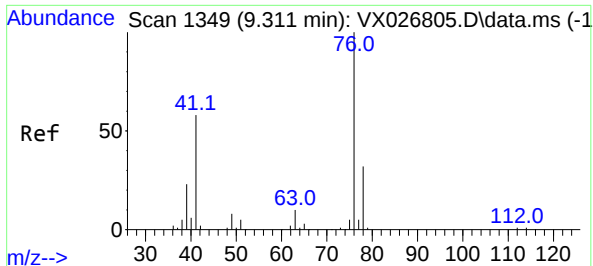
Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 30.0 43.5 65.3#

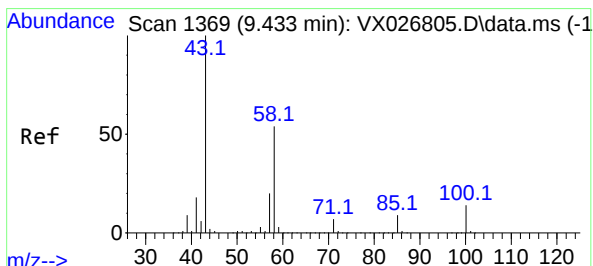
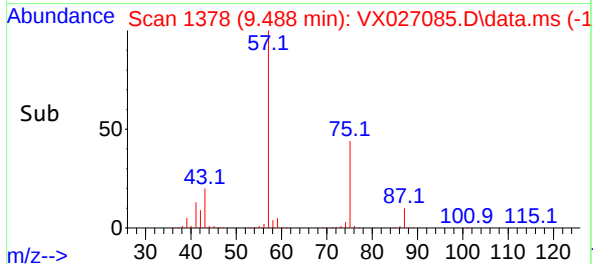
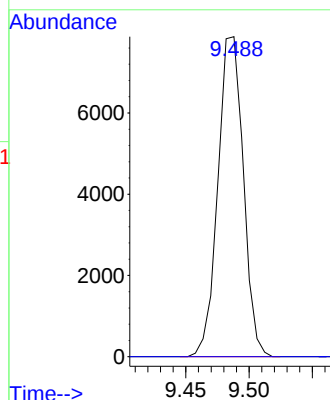
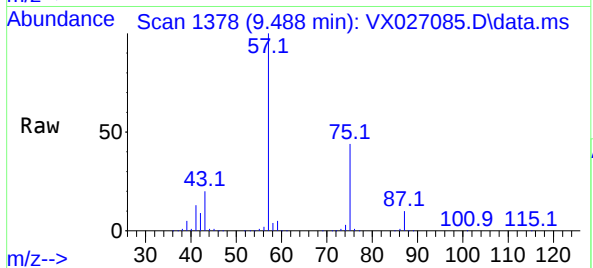




#57
1,3-Dichloropropane
Concen: 5.274 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

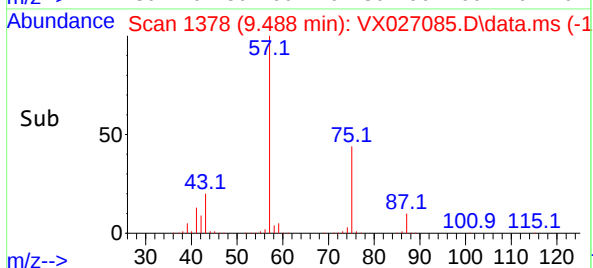
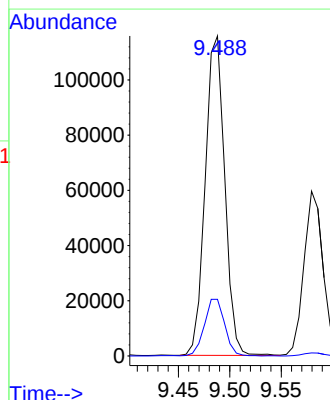
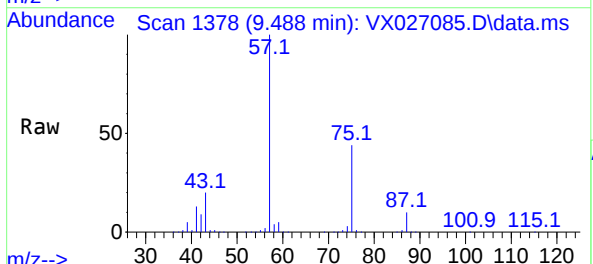
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#04

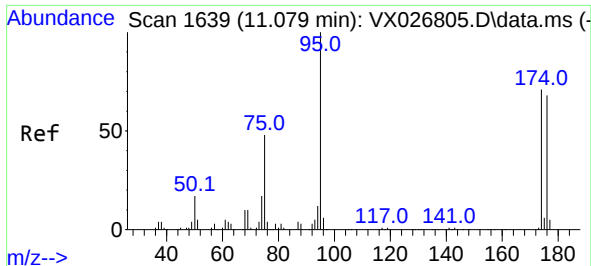
Tgt Ion: 76 Resp: 11014
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 113.697 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

Tgt Ion: 43 Resp: 153413
Ion Ratio Lower Upper
43 100
58 18.5 26.4 79.2#

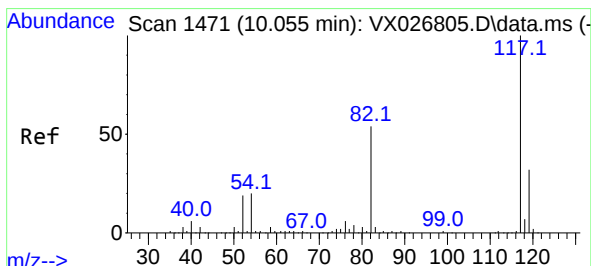
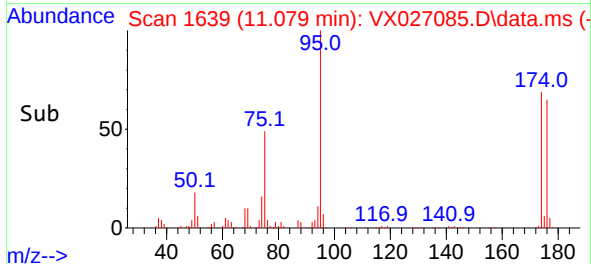
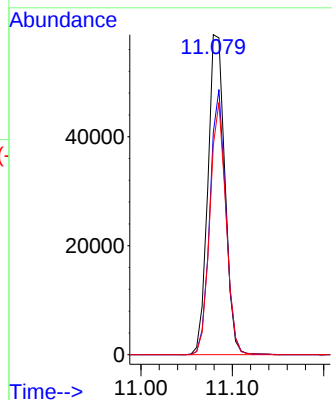
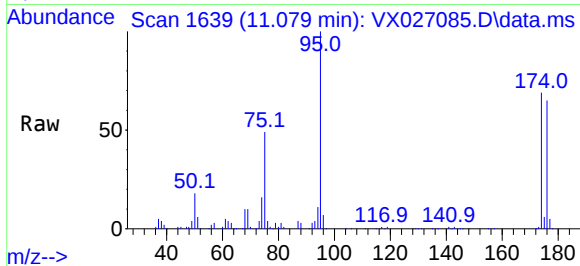




#62
4-Bromofluorobenzene
Concen: 53.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

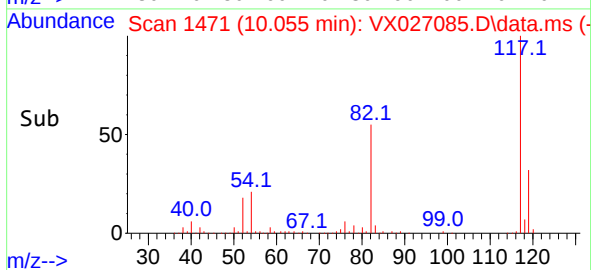
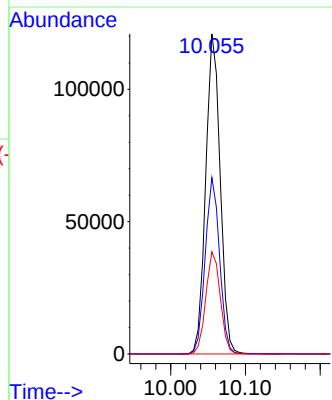
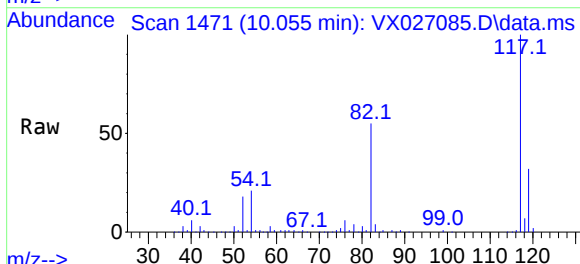
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#04

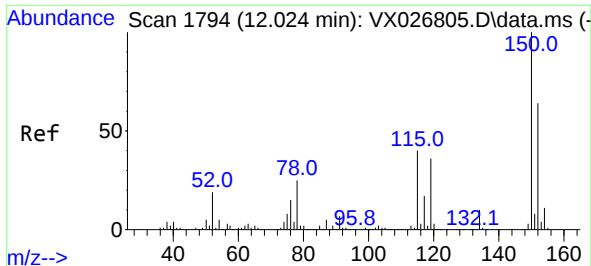
Tgt Ion: 95 Resp: 75876
Ion Ratio Lower Upper
95 100
174 77.3 0.0 148.6
176 74.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

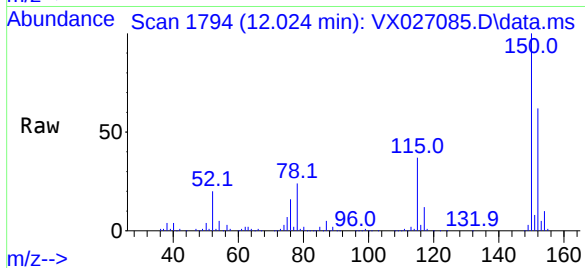
Tgt Ion: 117 Resp: 162815
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 31.9 26.2 39.2



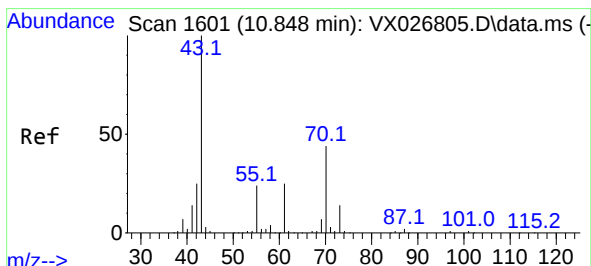
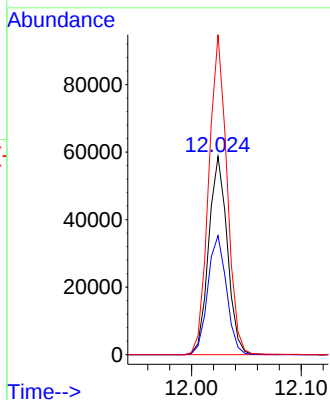
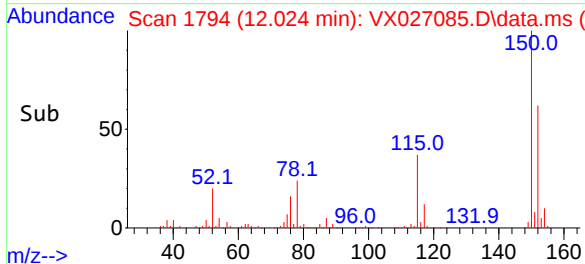


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

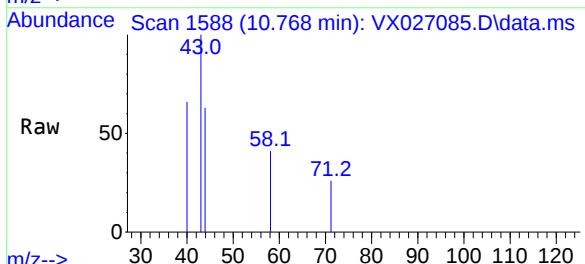
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#04



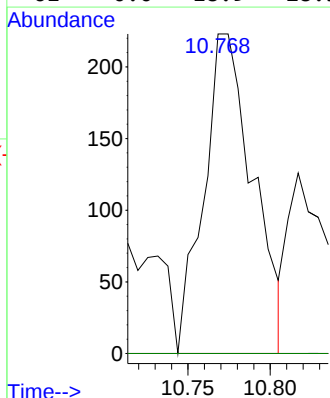
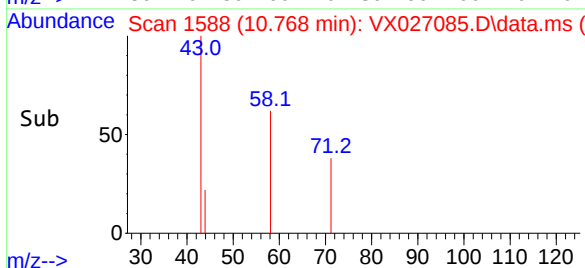
Tgt Ion:152 Resp: 69259
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 158.3 0.0 348.2

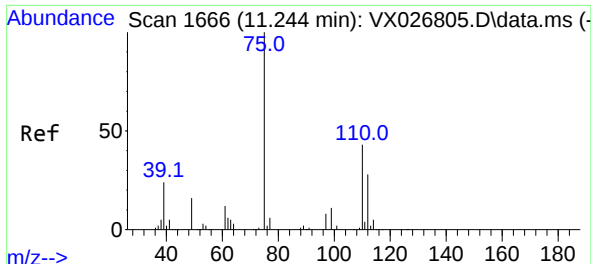


#74
N-ethyl acetate
Concen: 0.213 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.079 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05



Tgt Ion: 43 Resp: 465
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#

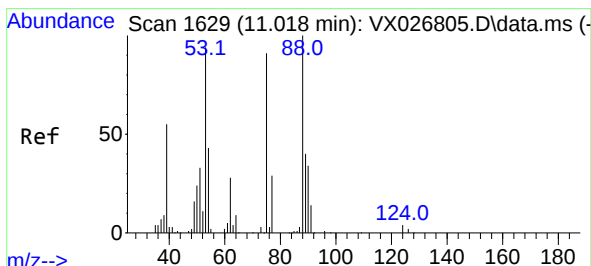
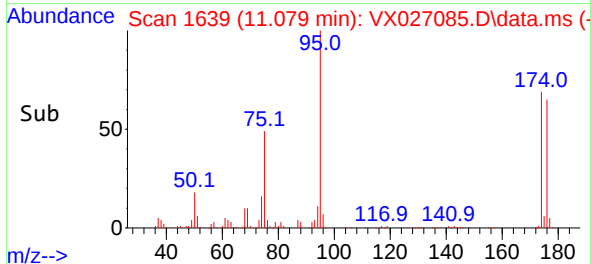
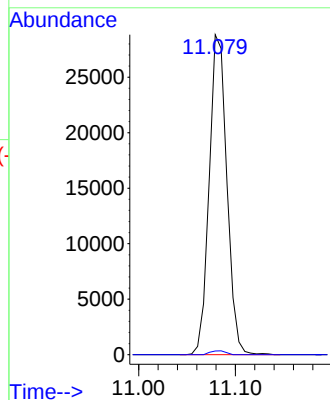
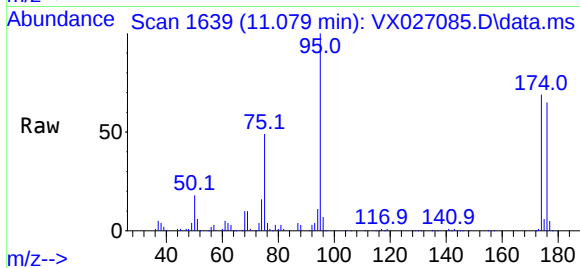




#76
1,2,3-Trichloropropane
Concen: 24.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#04

Tgt Ion: 75 Resp: 36732
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027085.D
Acq: 17 Feb 2022 18:05

Tgt Ion: 75 Resp: 36732
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

