

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026598.D
 Acq On : 26 Jan 2022 16:38
 Operator : JC/MD
 Sample : PB142265ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#08

Quant Time: Jan 27 07:25:12 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)

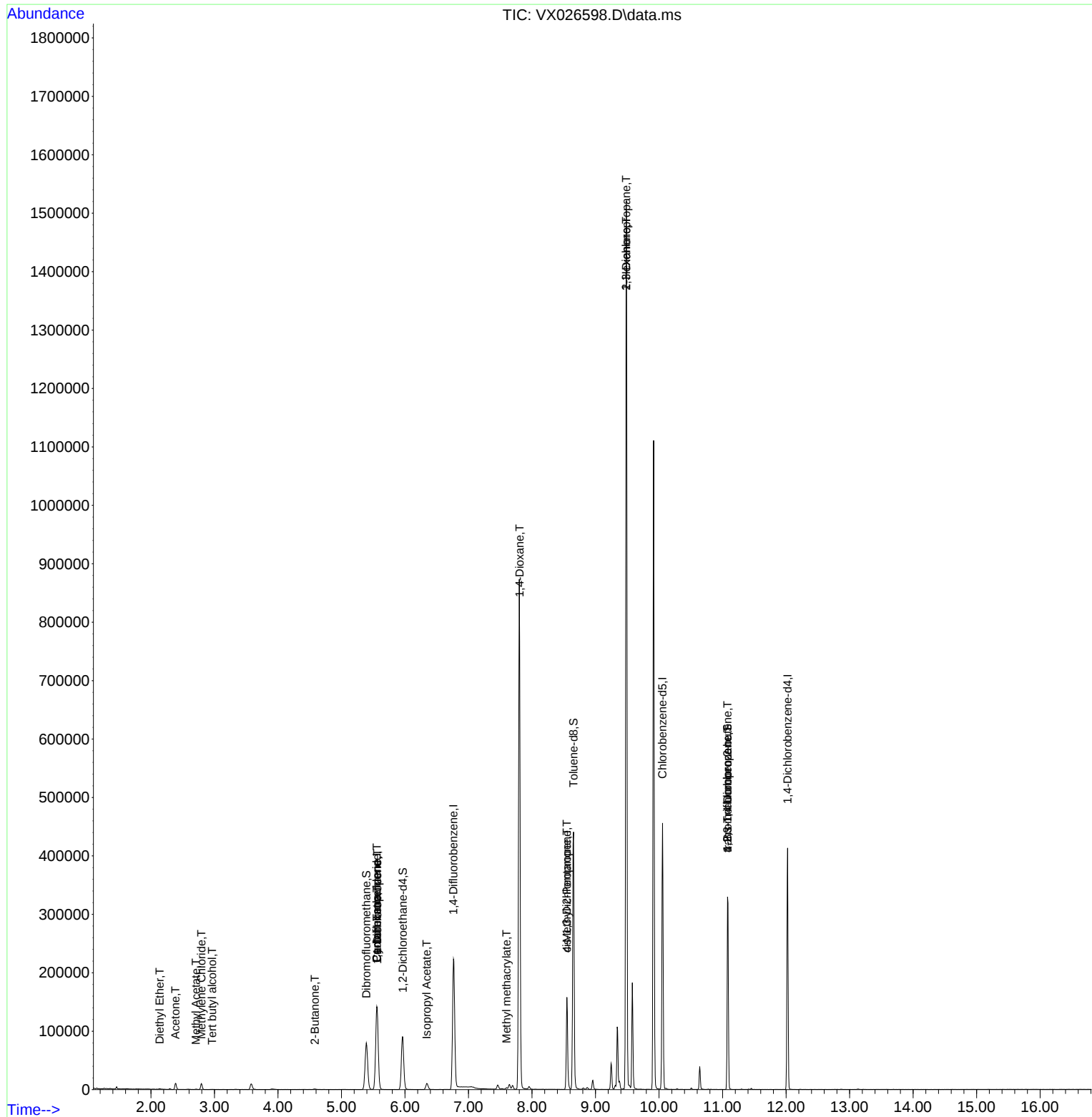
Internal Standards						
1) Pentafluorobenzene	5.556	168	133460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89023	47.751	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.500%
35) Dibromofluoromethane	5.391	113	70074	48.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.653	98	264430	50.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.700%
62) 4-Bromofluorobenzene	11.079	95	93517	50.128	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.260%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	234	0.276	ug/l #	1
11) Tert butyl alcohol	2.965	59	173	0.667	ug/l #	75
16) Acetone	2.386	43	12581	13.233	ug/l	97
18) Methyl Acetate	2.709	43	962	0.509	ug/l #	81
20) Methylene Chloride	2.794	84	4303	2.739	ug/l	96
25) 2-Butanone	4.580	43	1925	1.557	ug/l	90
31) Cyclohexane	5.556	56	2779	1.011	ug/l #	10
36) 1,1-Dichloropropene	5.562	75	10460	4.547	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14220	6.009	ug/l #	16
43) Isopropyl Acetate	6.342	43	14758	3.926	ug/l	99
48) Methyl methacrylate	7.598	41	4089	2.195	ug/l #	16
49) 1,4-Dioxane	7.805	88	121	3.958	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	54348	24.374	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	24589	10.126	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	13631	5.167	ug/l #	43
59) 2-Hexanone	9.482	43	195123	114.333	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47274	25.510	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47274	77.439	ug/l #	3

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

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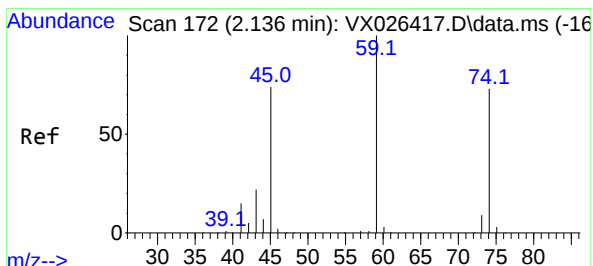
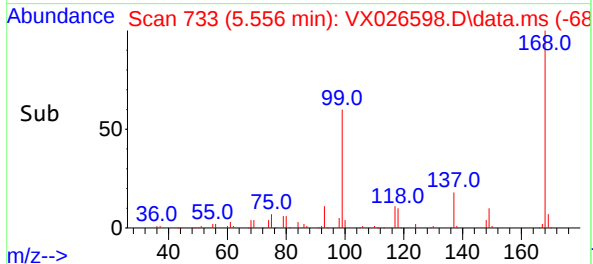
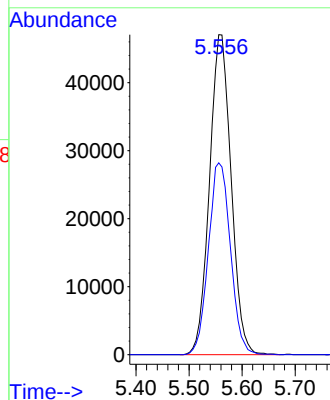
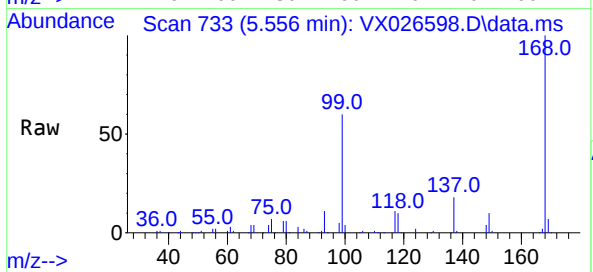




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

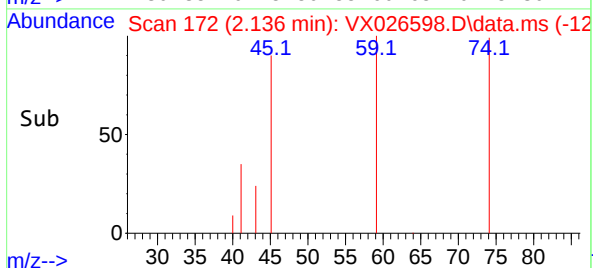
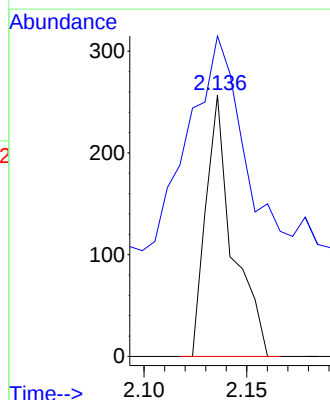
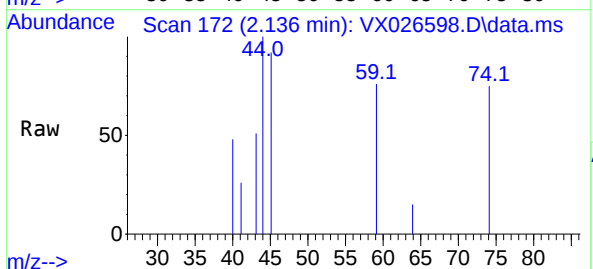
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#08

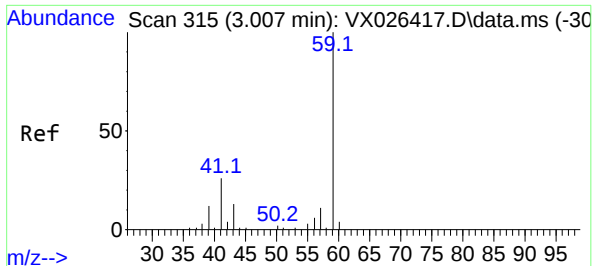
Tgt Ion:168 Resp: 133460
Ion Ratio Lower Upper
168 100
99 60.0 50.3 75.5



#8
Diethyl Ether
Concen: 0.276 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

Tgt Ion: 74 Resp: 234
Ion Ratio Lower Upper
74 100
45 325.6 50.7 152.1#





#11

Tert butyl alcohol

Concen: 0.667 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

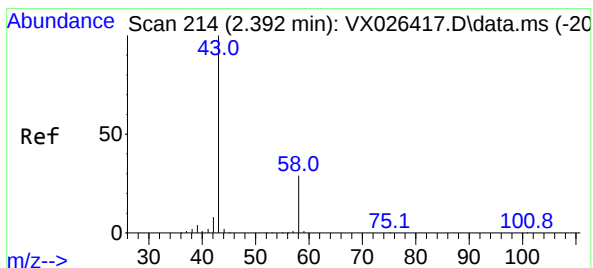
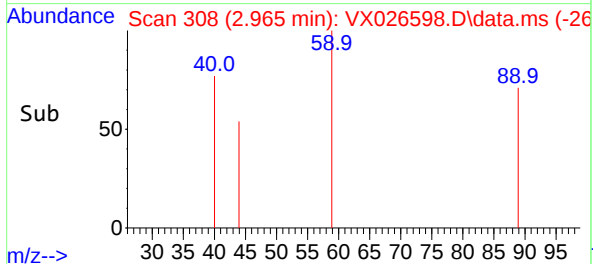
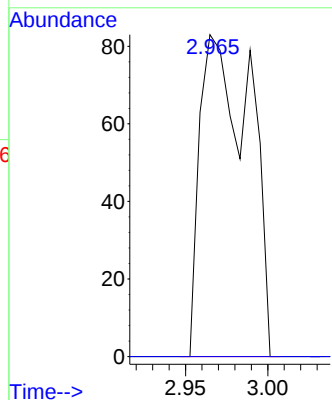
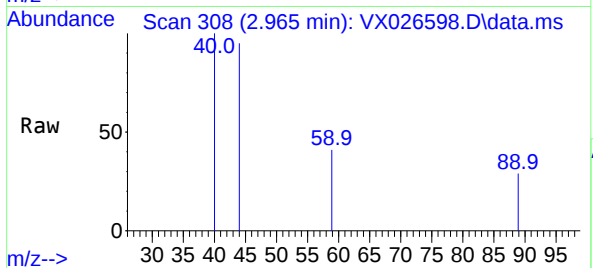
PB142265ZHE#08

Tgt Ion: 59 Resp: 173

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 13.233 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026598.D

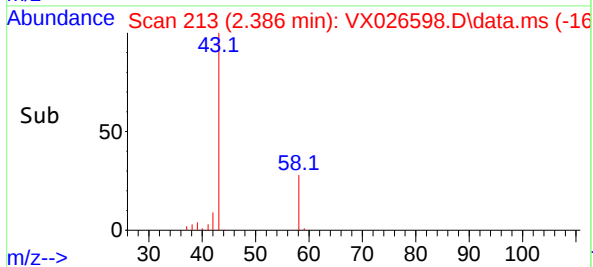
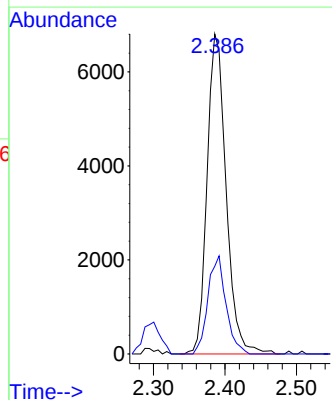
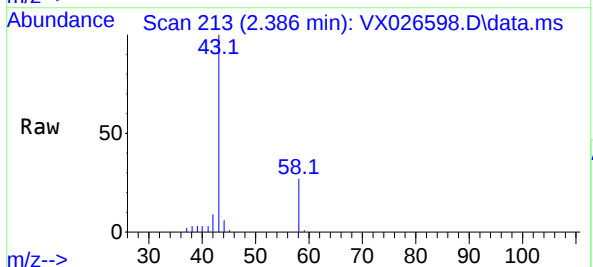
Acq: 26 Jan 2022 16:38

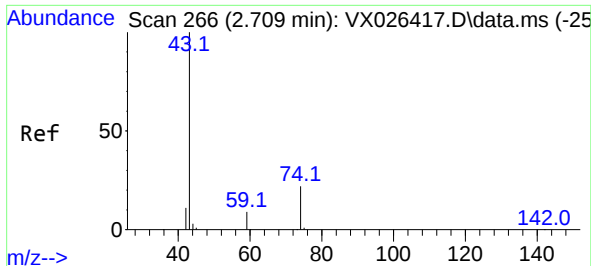
Tgt Ion: 43 Resp: 12581

Ion Ratio Lower Upper

43 100

58 27.4 23.0 34.6

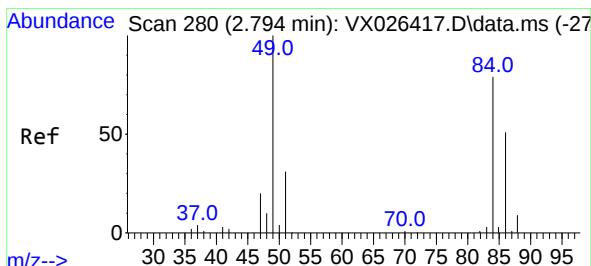
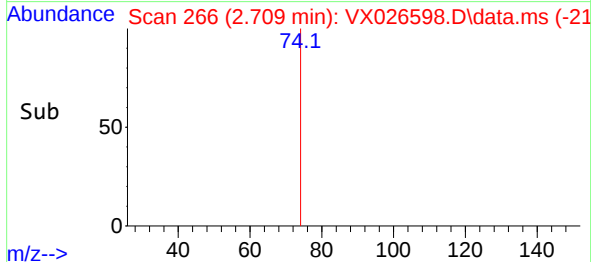
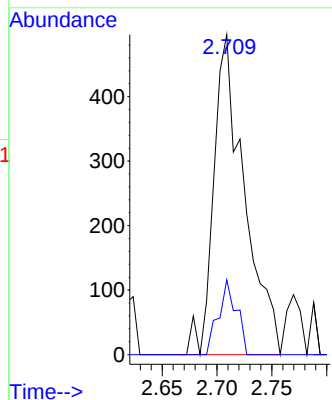
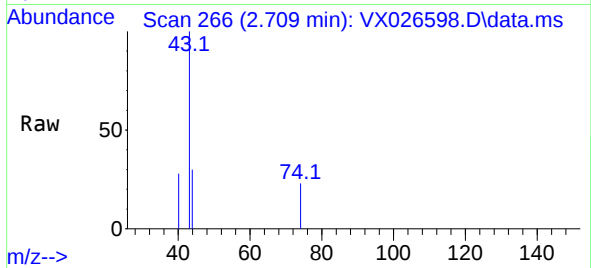




#18
Methyl Acetate
Concen: 0.509 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

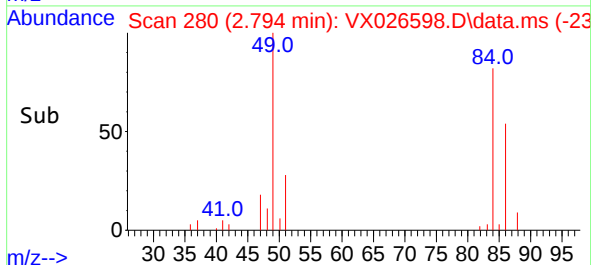
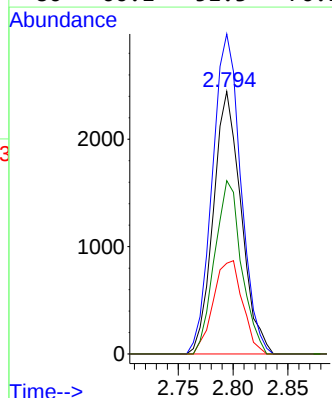
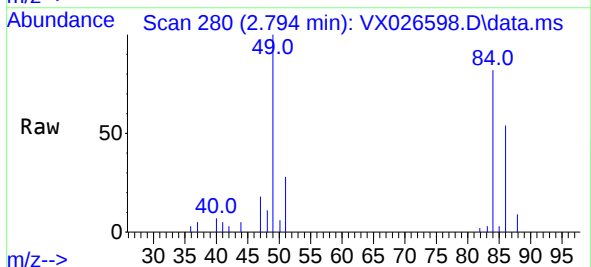
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#08

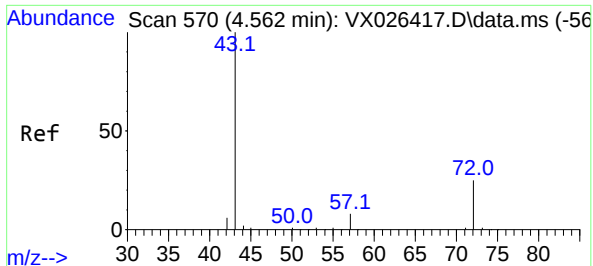
Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
74 13.8 18.3 27.5#



#20
Methylene Chloride
Concen: 2.739 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

Tgt Ion: 84 Resp: 4303
Ion Ratio Lower Upper
84 100
49 122.0 101.5 152.3
51 34.6 31.2 46.8
86 66.1 51.3 76.9





#25

2-Butanone

Concen: 1.557 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

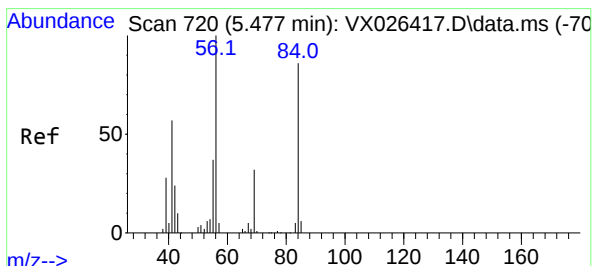
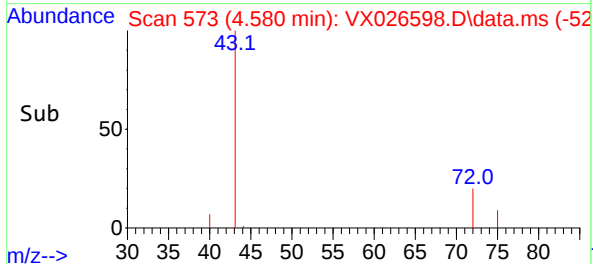
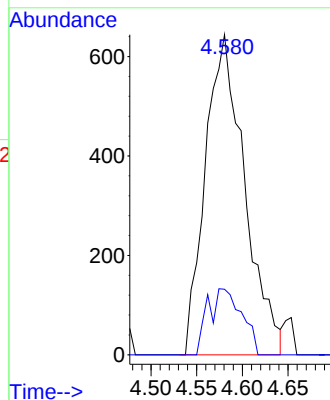
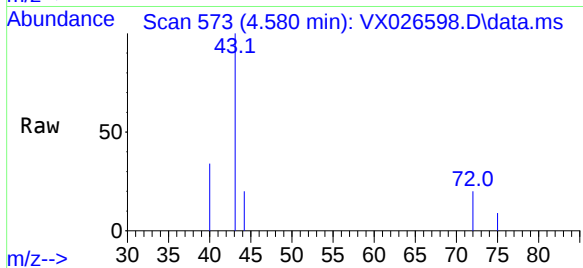
PB142265ZHE#08

Tgt Ion: 43 Resp: 1925

Ion Ratio Lower Upper

43 100

72 20.5 20.4 30.6



#31

Cyclohexane

Concen: 1.011 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

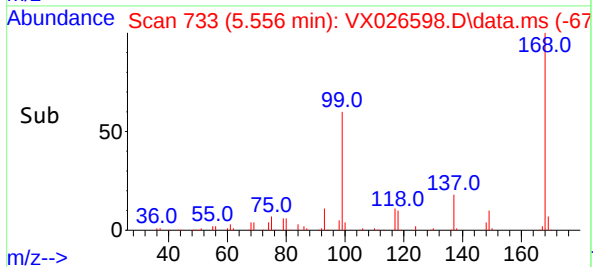
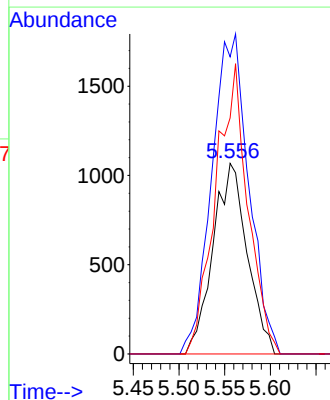
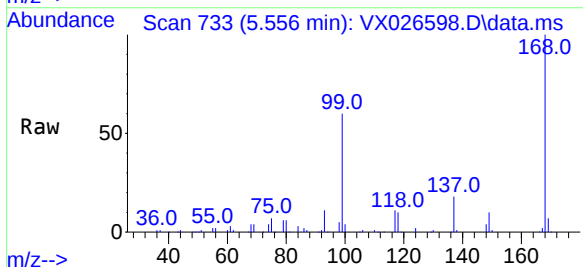
Tgt Ion: 56 Resp: 2779

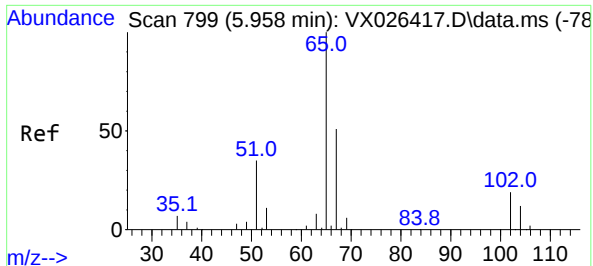
Ion Ratio Lower Upper

56 100

69 155.9 25.8 38.6#

84 123.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.751 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

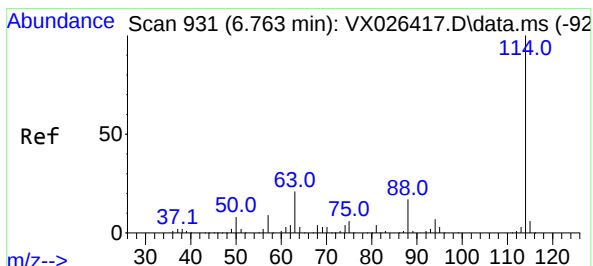
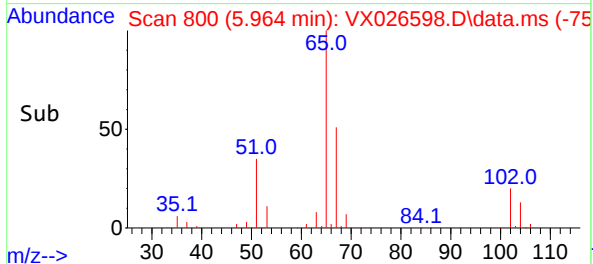
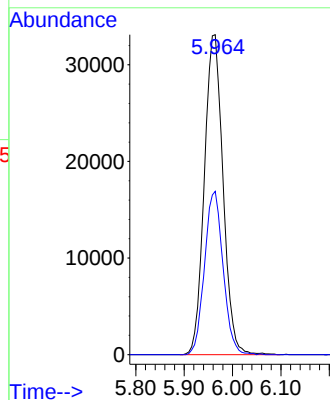
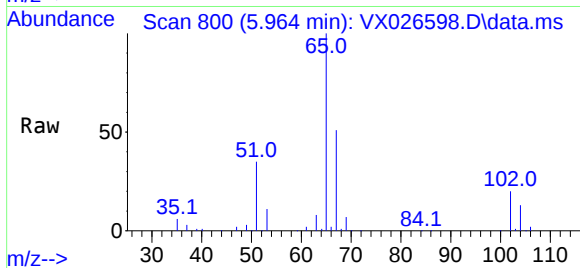
PB142265ZHE#08

Tgt Ion: 65 Resp: 89023

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

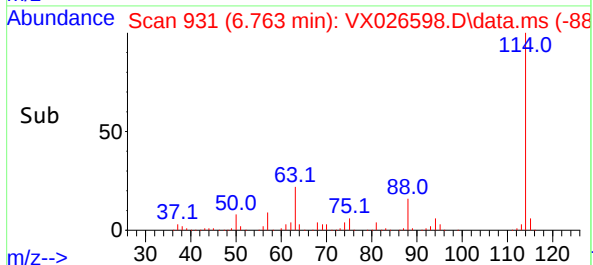
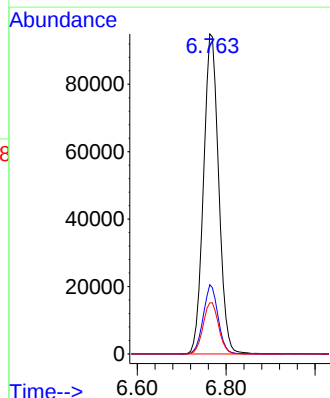
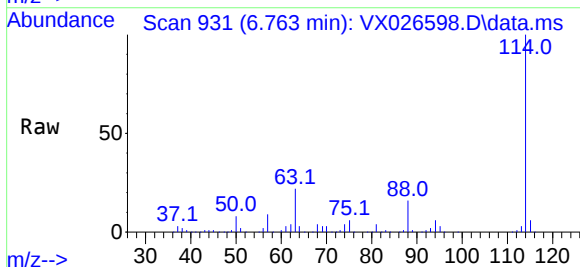
Tgt Ion: 114 Resp: 225675

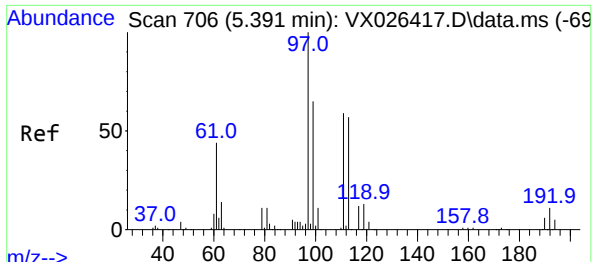
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.8

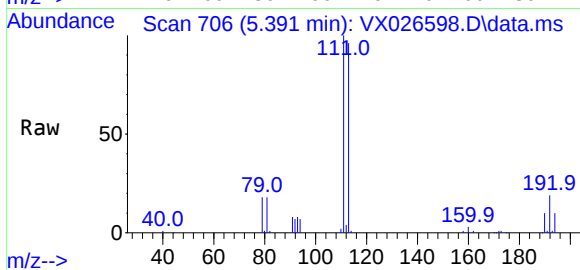
88 15.9 0.0 33.0



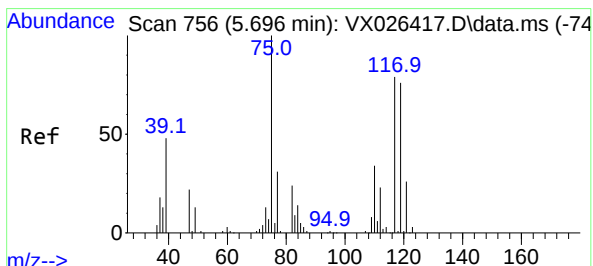
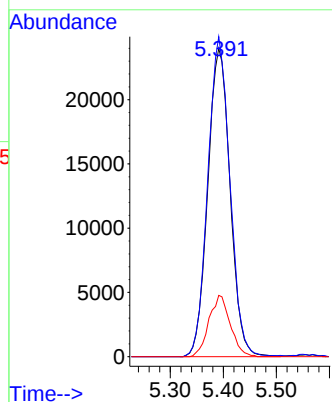
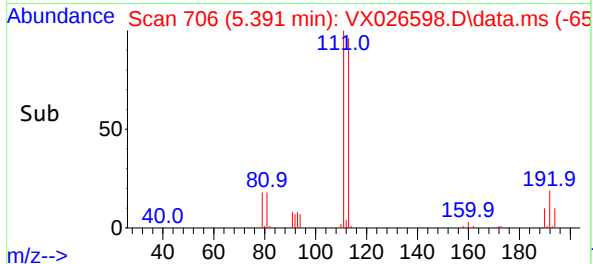


#35
Dibromofluoromethane
Concen: 48.084 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

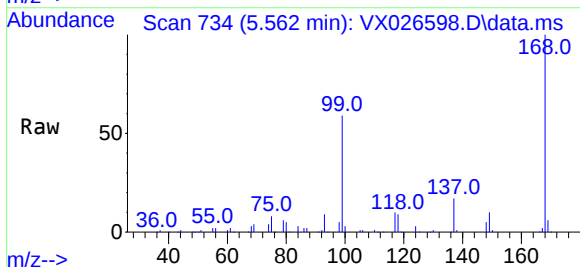
Instrument :
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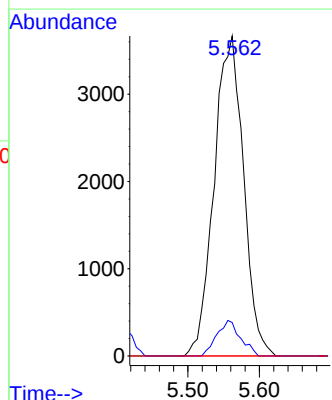
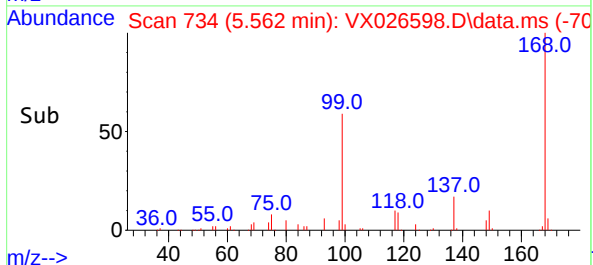
Tgt Ion:113 Resp: 70074
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.0 15.0 22.4

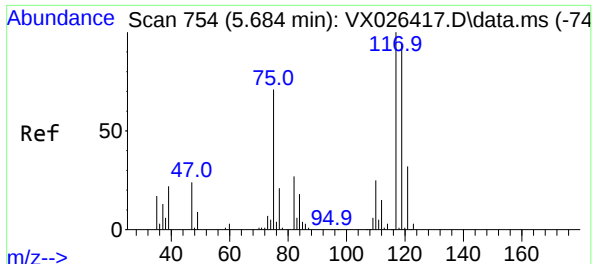


#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38



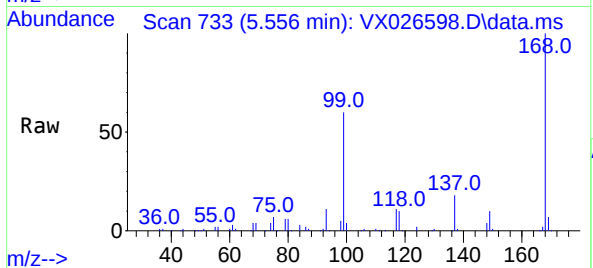
Tgt Ion: 75 Resp: 10460
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



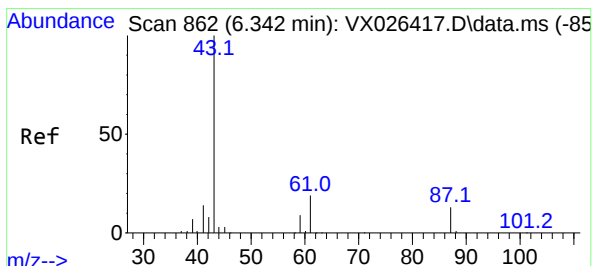
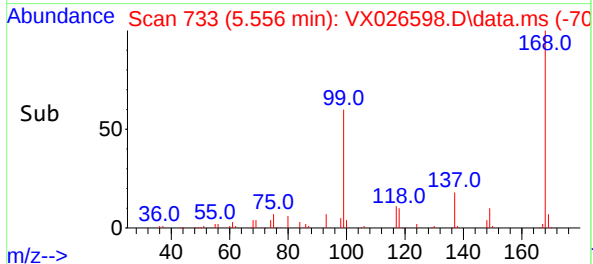
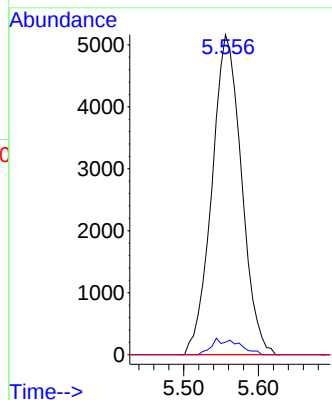


#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#08

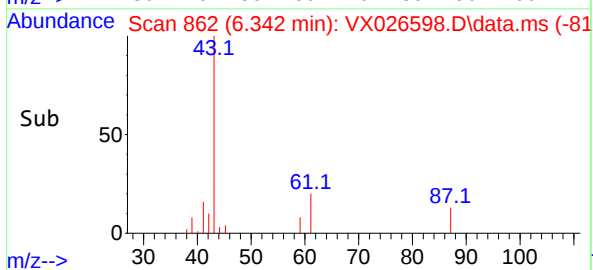
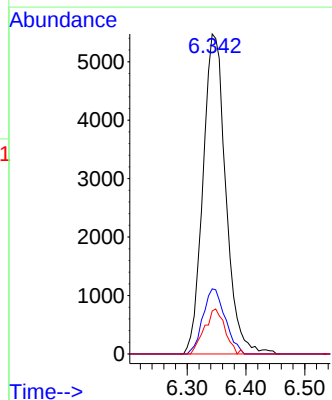
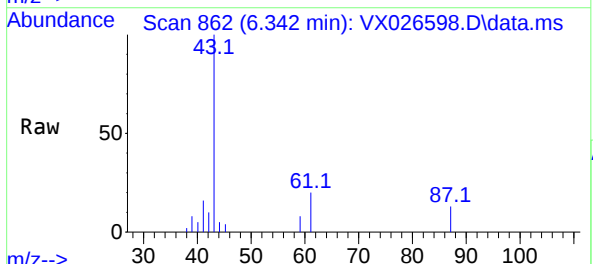


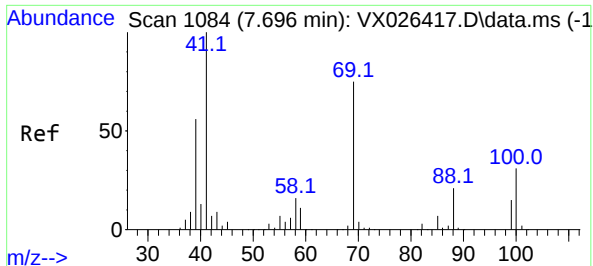
Tgt Ion:117 Resp: 14220
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.926 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

Tgt Ion: 43 Resp: 14758
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 12.7 10.2 15.2





#48

Methyl methacrylate

Concen: 2.195 ug/l

RT: 7.598 min Scan# 1102

Delta R.T. -0.098 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

PB142265ZHE#08

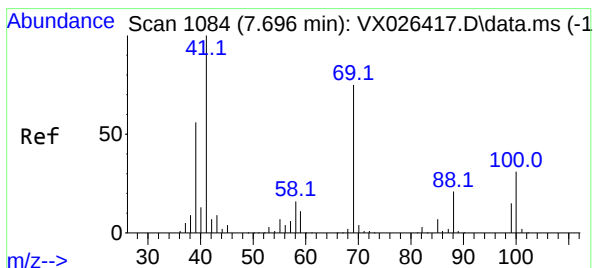
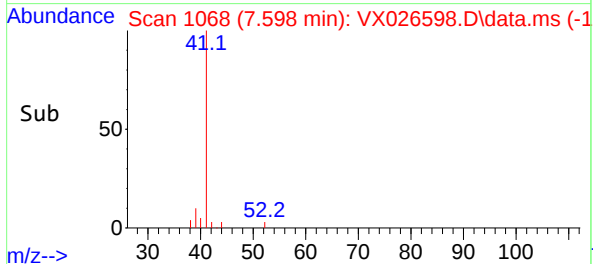
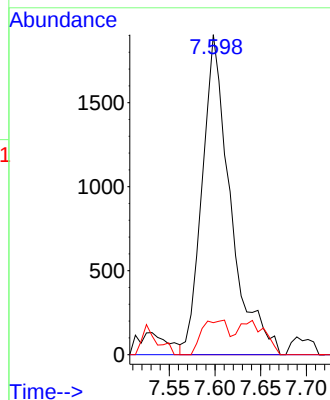
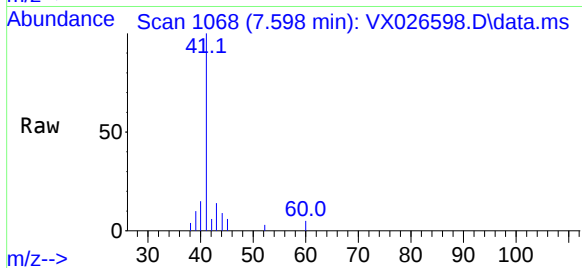
Tgt Ion: 41 Resp: 4089

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: 3.958 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

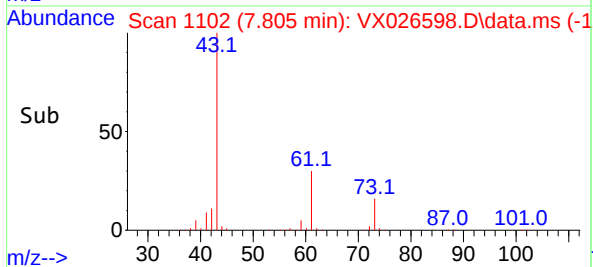
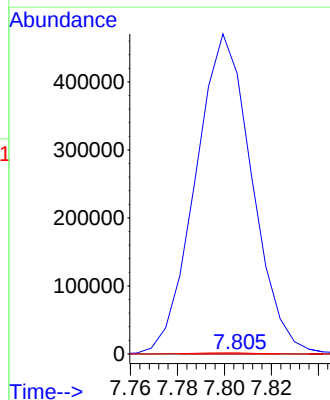
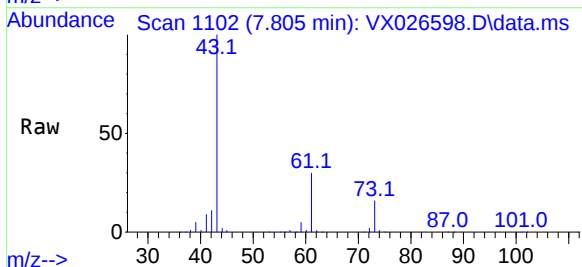
Tgt Ion: 88 Resp: 121

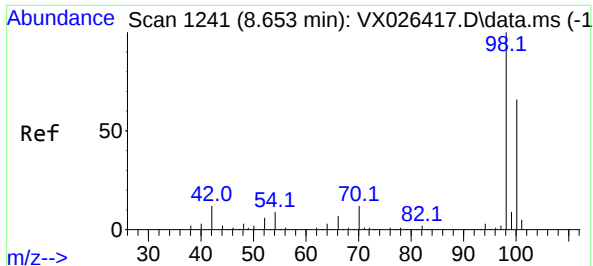
Ion Ratio Lower Upper

88 100

43 654884.3 29.9 44.9#

58 2529.8 57.8 86.6#

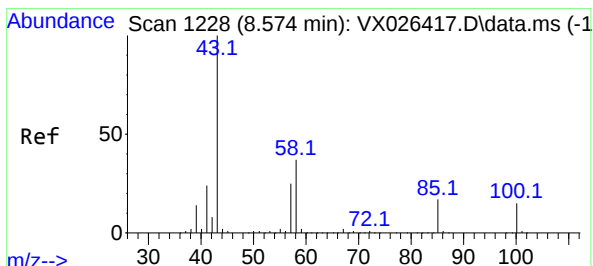
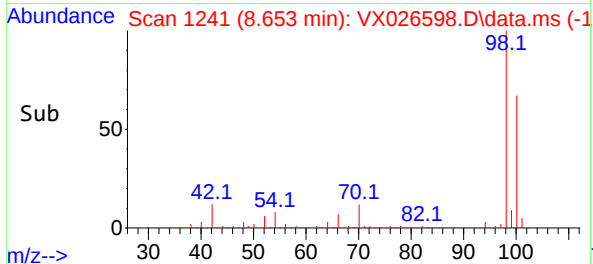
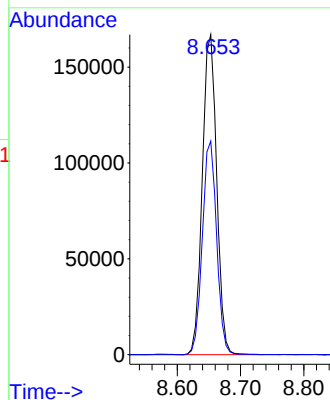
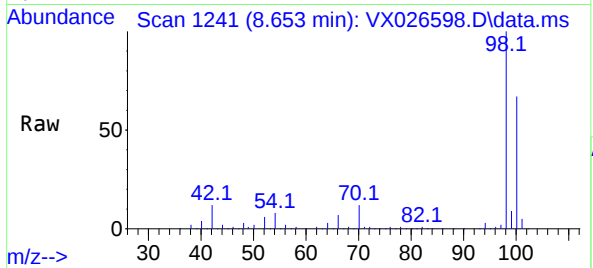




#50
Toluene-d8
Concen: 50.352 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

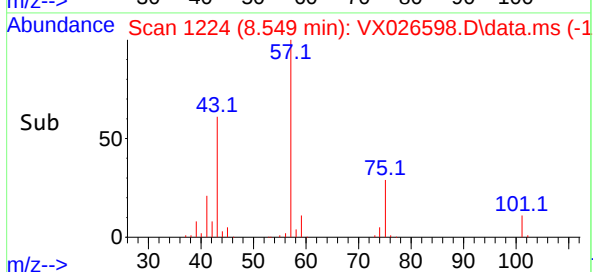
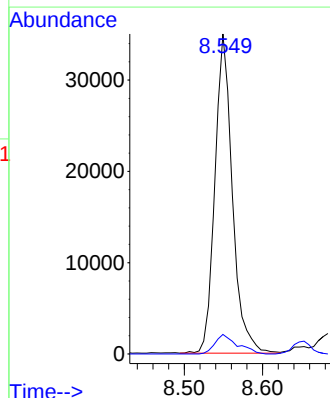
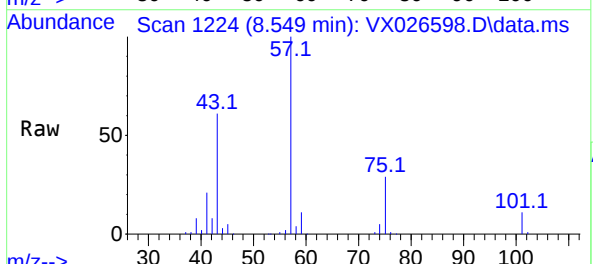
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#08

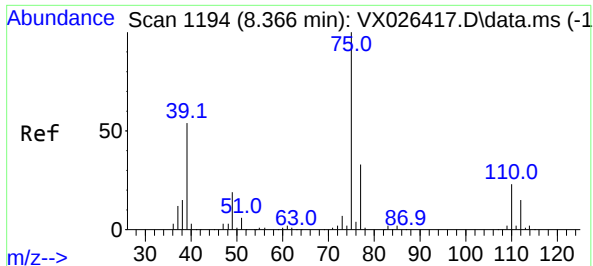
Tgt Ion: 98 Resp: 264430
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 24.374 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

Tgt Ion: 43 Resp: 54348
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#





#54

cis-1,3-Dichloropropene

Concen: 10.126 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

PB142265ZHE#08

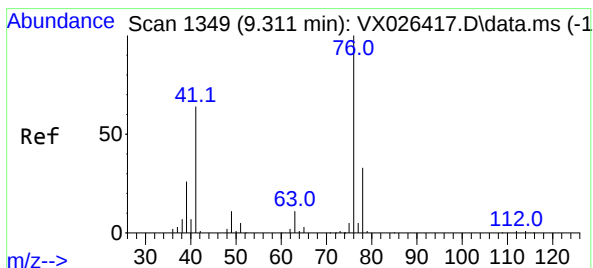
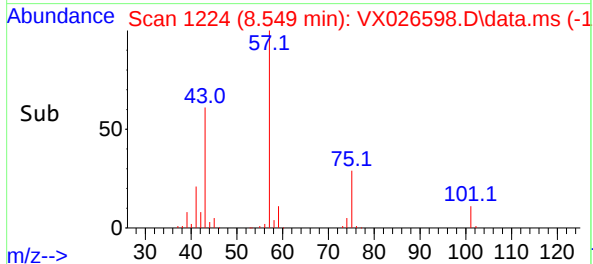
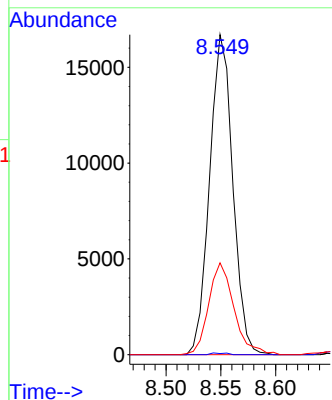
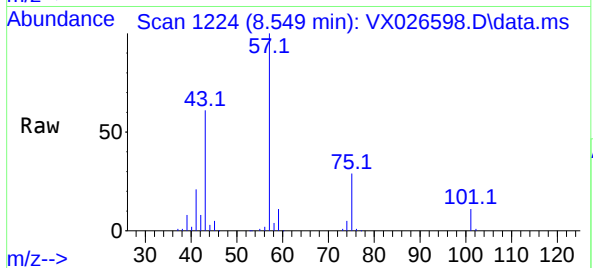
Tgt Ion: 75 Resp: 24589

Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

39 28.7 43.5 65.3#



#57

1,3-Dichloropropane

Concen: 5.167 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026598.D

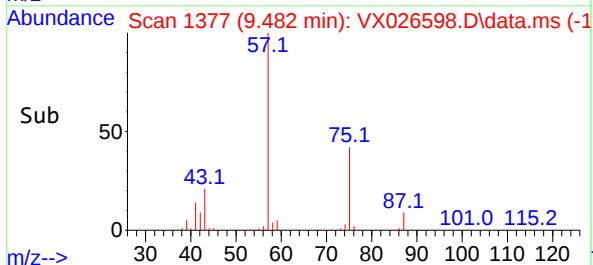
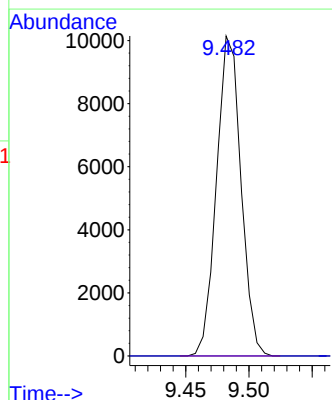
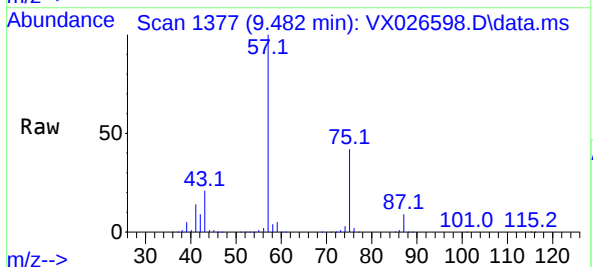
Acq: 26 Jan 2022 16:38

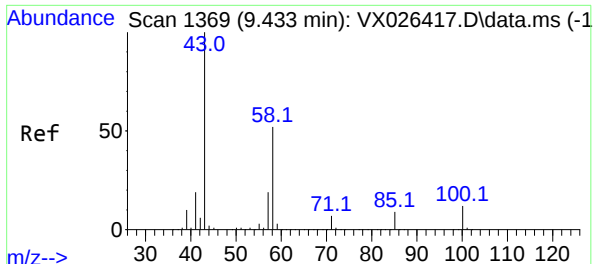
Tgt Ion: 76 Resp: 13631

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 114.333 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

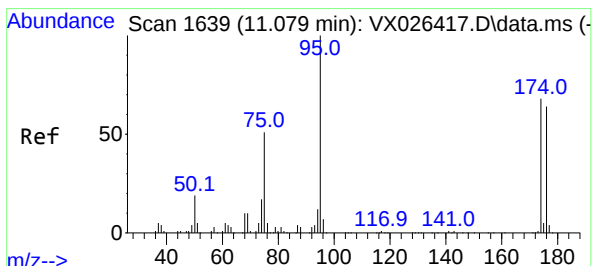
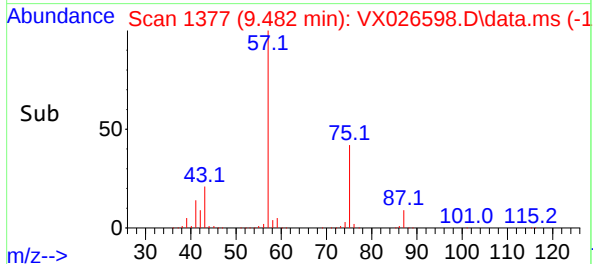
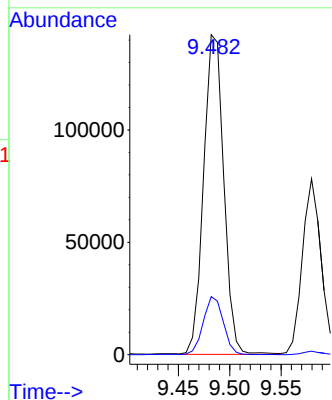
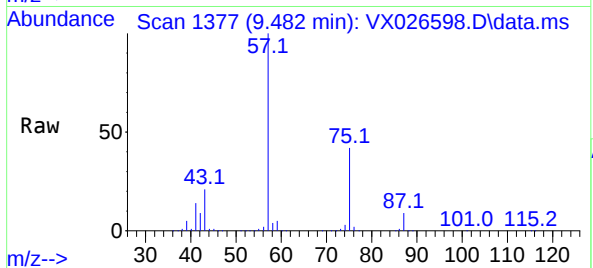
PB142265ZHE#08

Tgt Ion: 43 Resp: 195123

Ion Ratio Lower Upper

43 100

58 18.1 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 50.128 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026598.D

Acq: 26 Jan 2022 16:38

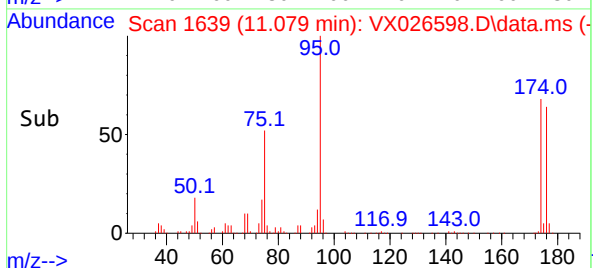
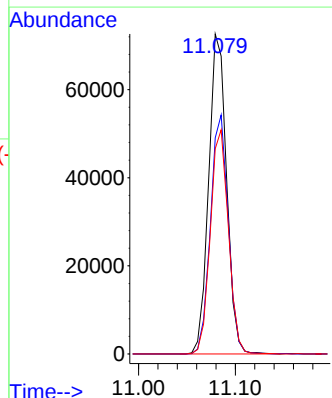
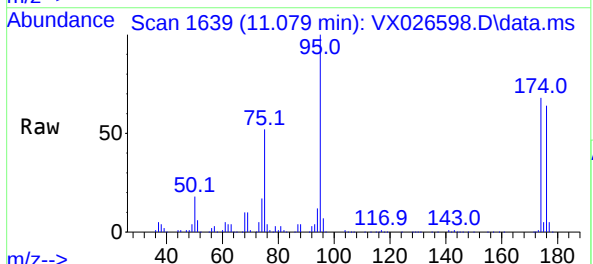
Tgt Ion: 95 Resp: 93517

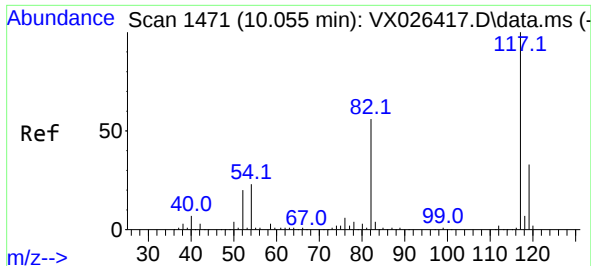
Ion Ratio Lower Upper

95 100

174 74.4 0.0 148.6

176 70.7 0.0 141.4

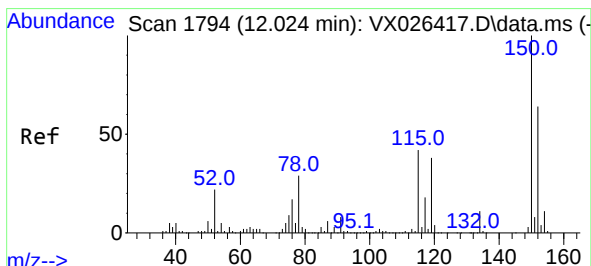
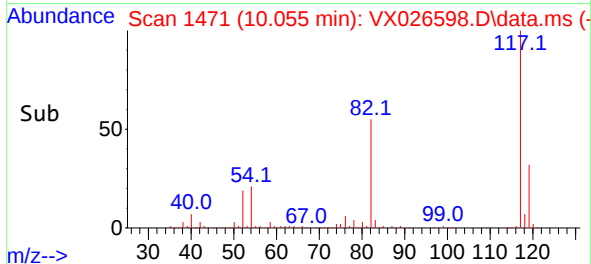
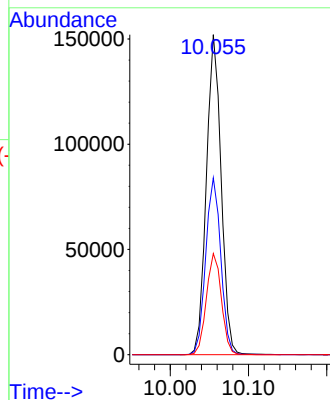
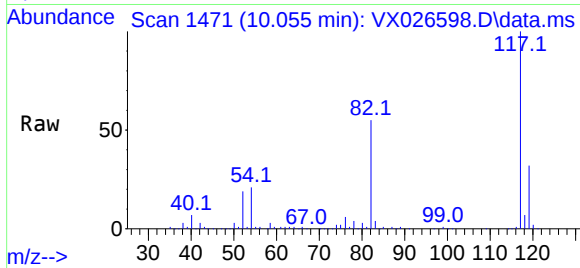




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

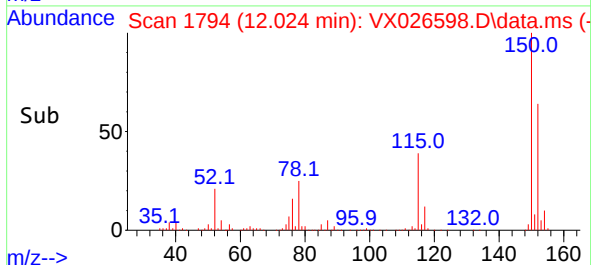
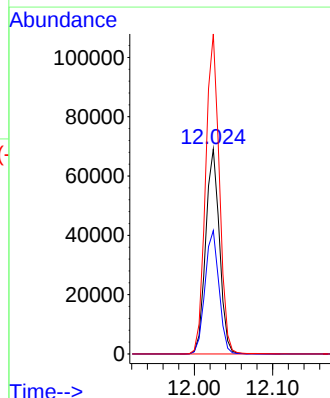
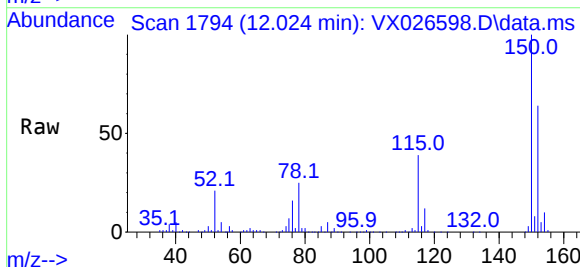
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#08

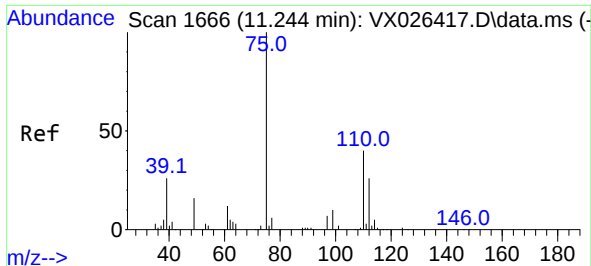
Tgt Ion:117 Resp: 198552
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

Tgt Ion:152 Resp: 84166
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 155.9 0.0 348.2

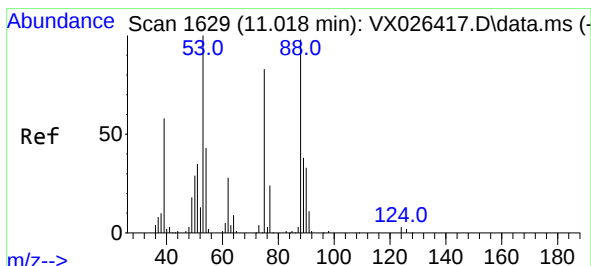
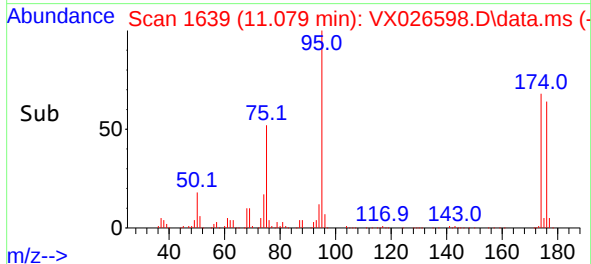
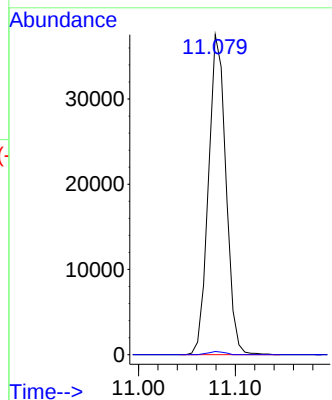
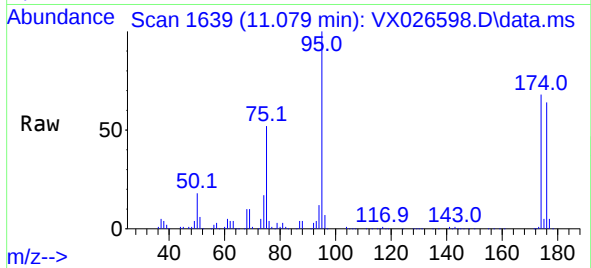




#76
1,2,3-Trichloropropane
Concen: 25.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#08

Tgt Ion: 75 Resp: 47274
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026598.D
Acq: 26 Jan 2022 16:38

Tgt Ion: 75 Resp: 47274
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

