

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027204.D
 Acq On : 25 Feb 2022 21:11
 Operator : JC/MD
 Sample : PB142919ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#09

Quant Time: Feb 25 23:20:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	92789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57279	51.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.800%
35) Dibromofluoromethane	5.391	113	48610	50.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	8.653	98	181770	50.303	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.085	95	65436	47.176	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%

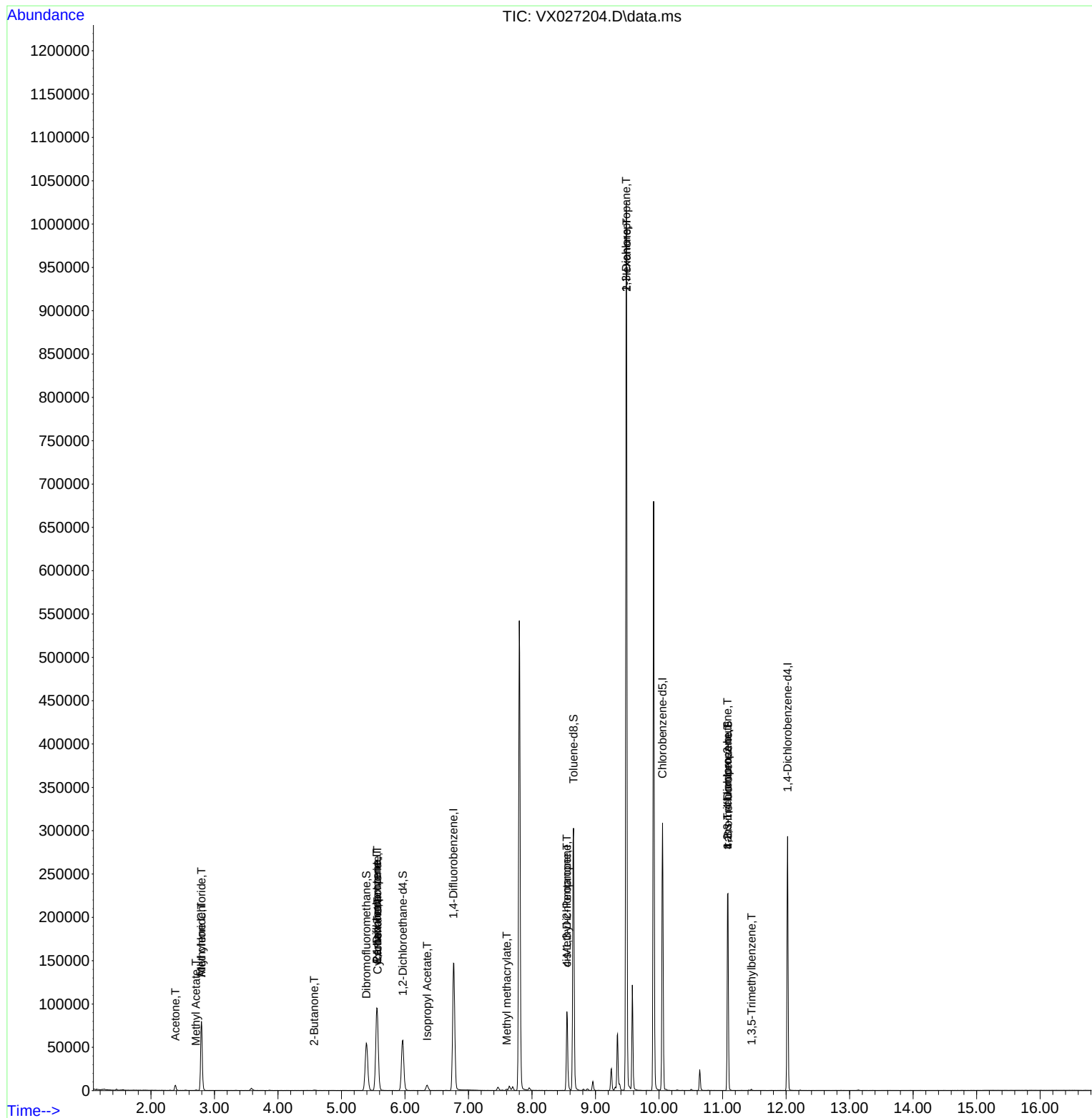
Target Compounds					Qvalue	
14) Allyl chloride	2.794	41	1393	0.876	ug/l #	25
16) Acetone	2.386	43	6658	13.608	ug/l	91
18) Methyl Acetate	2.709	43	703	0.557	ug/l	95
20) Methylene Chloride	2.794	84	36539	36.030	ug/l	96
25) 2-Butanone	4.568	43	999	1.282	ug/l	97
31) Cyclohexane	5.568	56	1672	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6602	4.681	ug/l #	51
38) Carbon Tetrachloride	5.562	117	9270	6.302	ug/l #	16
43) Isopropyl Acetate	6.348	43	8308	3.488	ug/l	99
48) Methyl methacrylate	7.604	41	2332	2.022	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	31189	20.144	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	15092	9.570	ug/l #	54
57) 1,3-Dichloropropane	9.482	76	9509	5.465	ug/l #	43
59) 2-Hexanone	9.488	43	128206	108.338	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	31906	25.955	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	811	0.221	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	31906	73.317	ug/l #	3

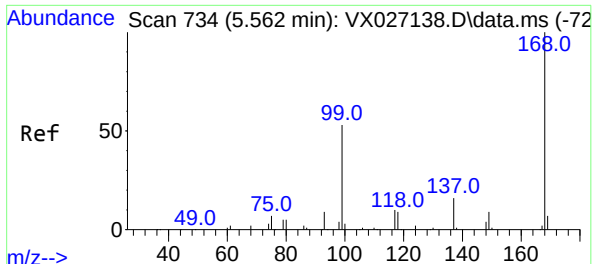
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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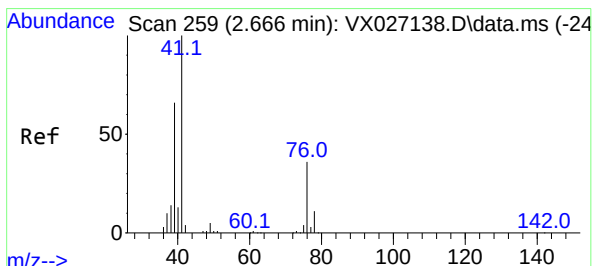
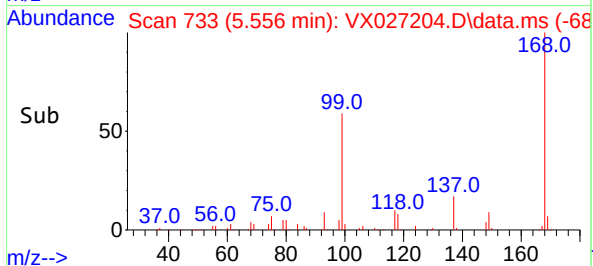
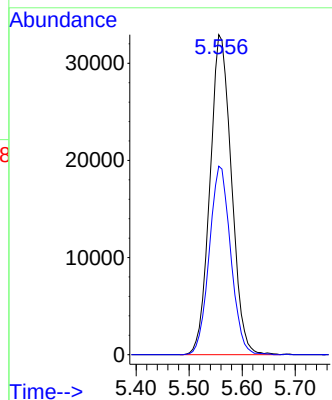
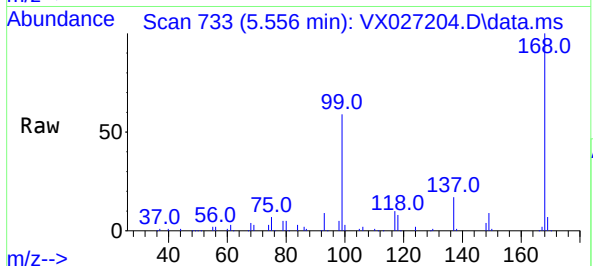




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

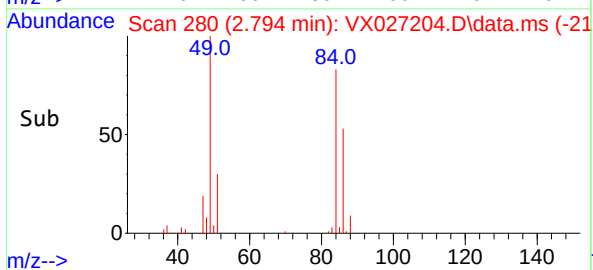
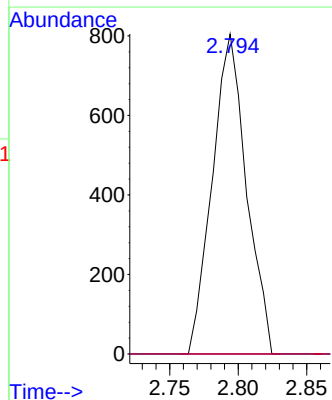
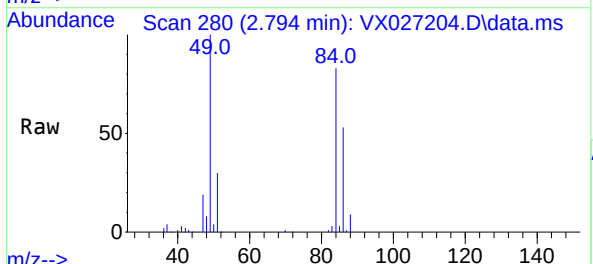
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#09

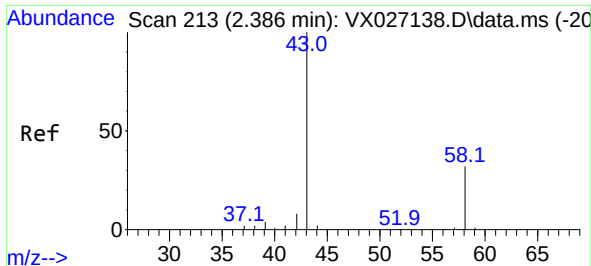
Tgt Ion:168 Resp: 92789
Ion Ratio Lower Upper
168 100
99 58.9 50.3 75.5



#14
Allyl chloride
Concen: 0.876 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.128 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Tgt Ion: 41 Resp: 1393
Ion Ratio Lower Upper
41 100
39 0.0 54.2 81.4#
76 0.0 25.2 37.8#

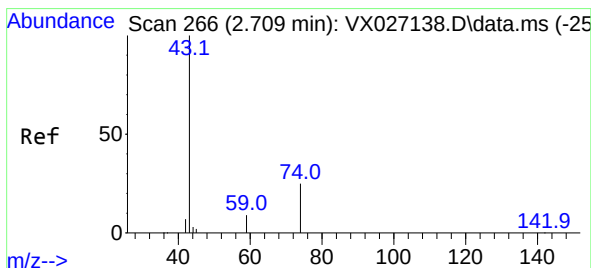
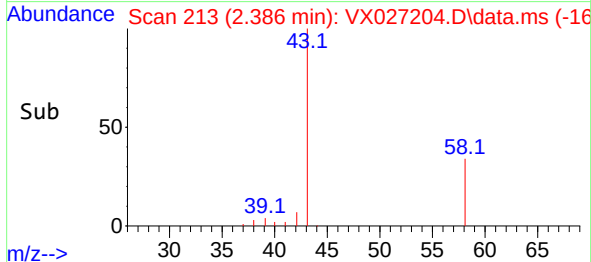
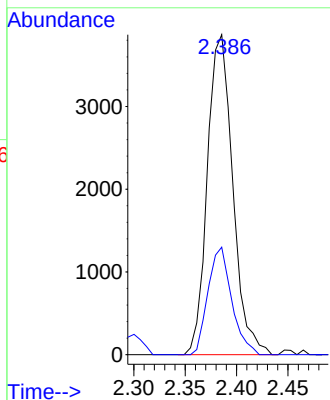
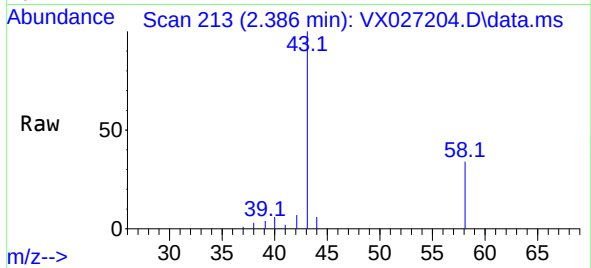




#16
Acetone
Concen: 13.608 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

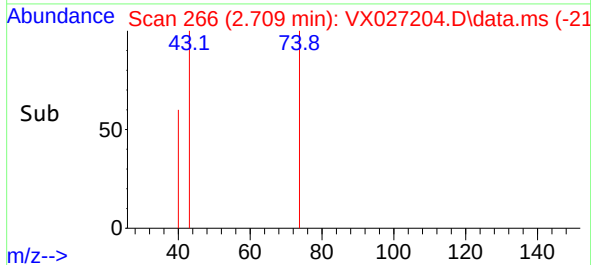
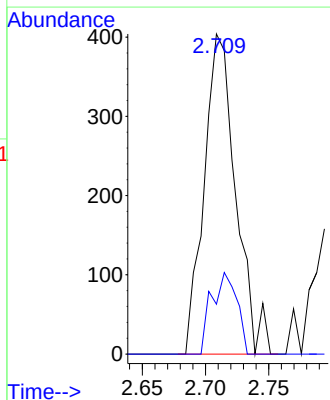
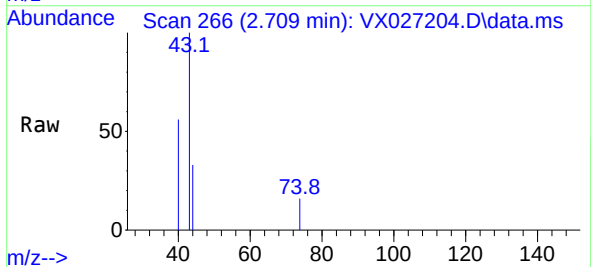
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#09

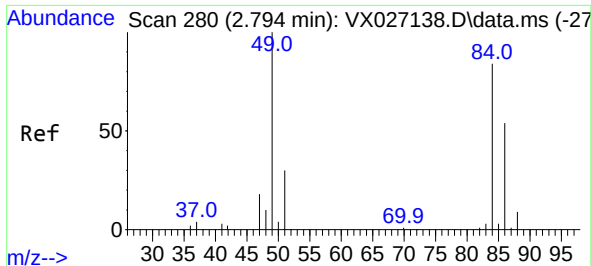
Tgt Ion: 43 Resp: 6658
Ion Ratio Lower Upper
43 100
58 33.6 23.0 34.6



#18
Methyl Acetate
Concen: 0.557 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
74 20.3 18.3 27.5



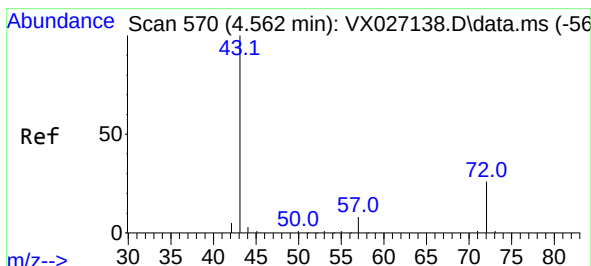
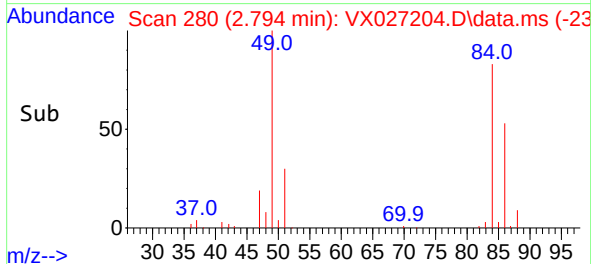
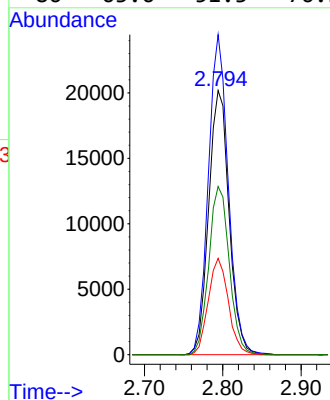
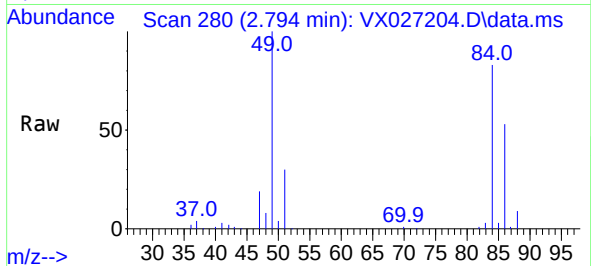


#20
Methylene Chloride
Concen: 36.030 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#09

Tgt Ion: 84 Resp: 36539

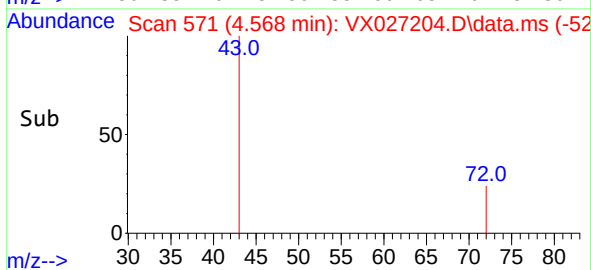
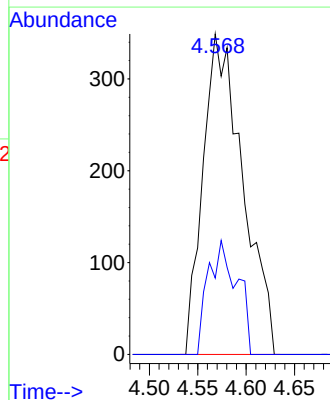
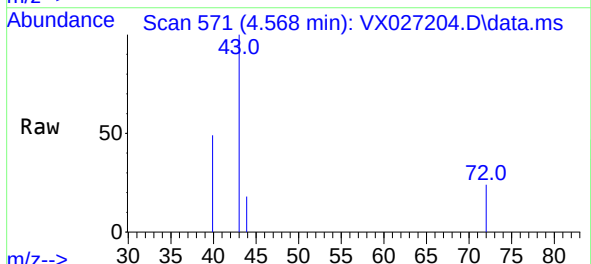
Ion	Ratio	Lower	Upper
84	100		
49	121.1	101.5	152.3
51	36.5	31.2	46.8
86	63.6	51.3	76.9

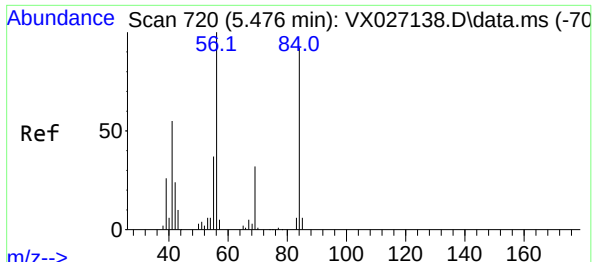


#25
2-Butanone
Concen: 1.282 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Tgt Ion: 43 Resp: 999

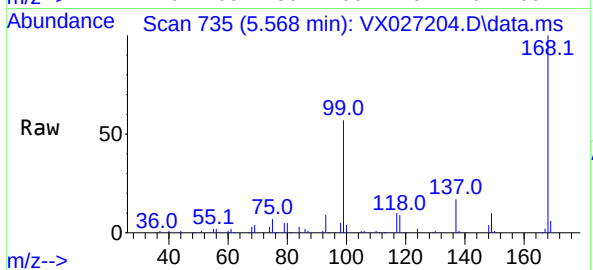
Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.4	30.6





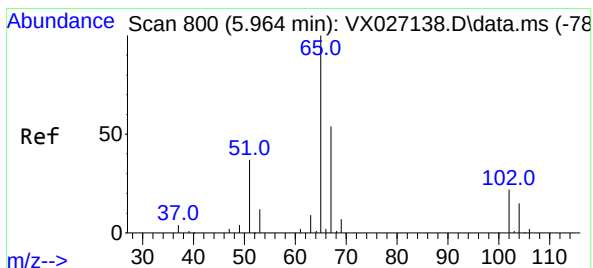
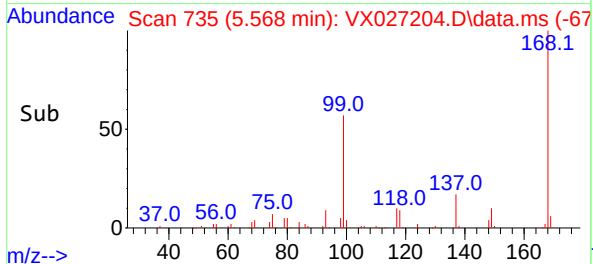
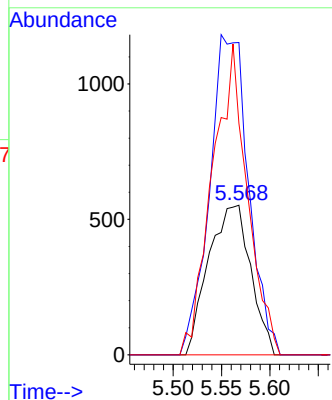
#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.092 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#09



Tgt Ion: 56 Resp: 1672

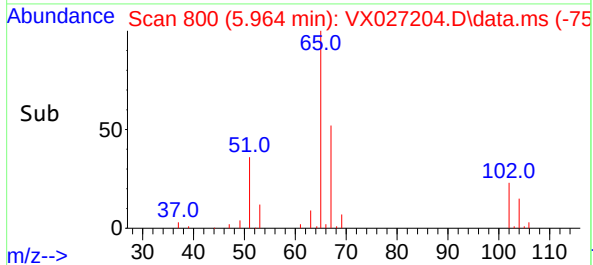
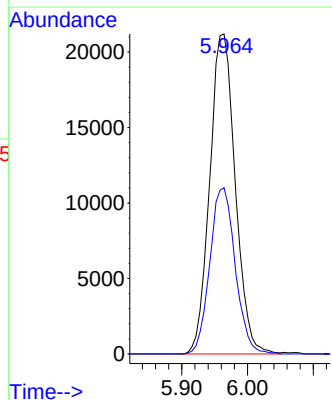
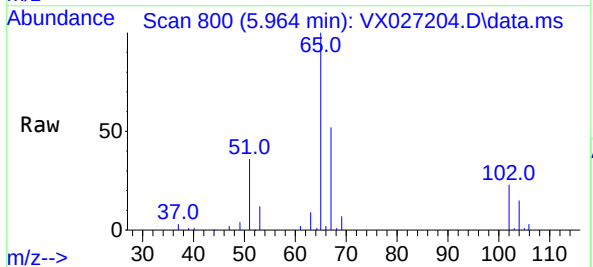
Ion	Ratio	Lower	Upper
56	100		
69	208.9	25.8	38.6#
84	154.9	68.9	103.3#

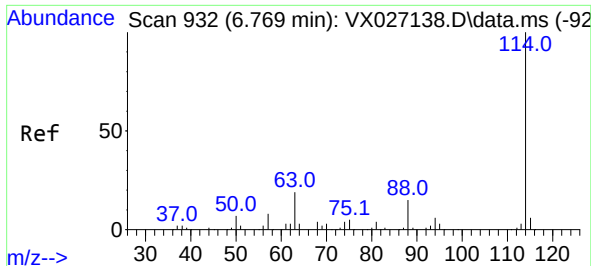


#33
1,2-Dichloroethane-d4
Concen: 51.399 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Tgt Ion: 65 Resp: 57279

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX027204.D

Acq: 25 Feb 2022 21:11

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#09

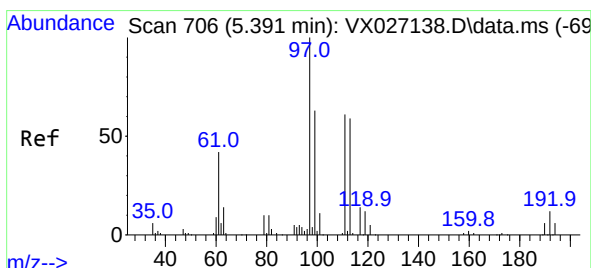
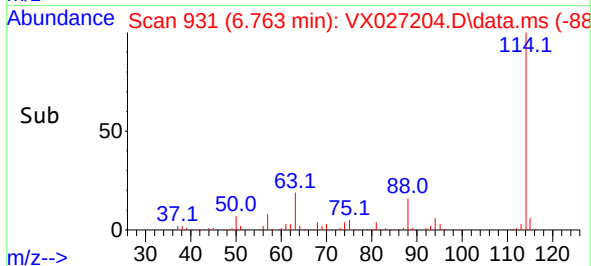
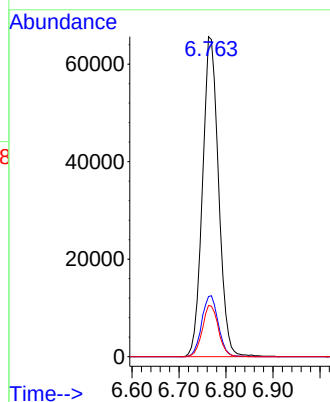
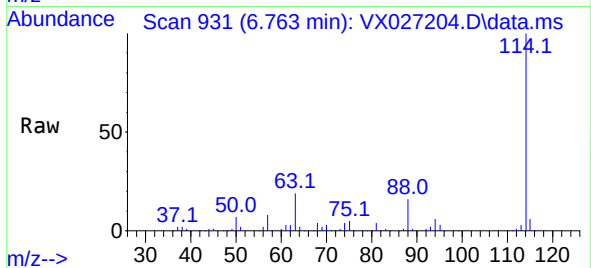
Tgt Ion:114 Resp: 155692

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.8

88 16.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.300 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027204.D

Acq: 25 Feb 2022 21:11

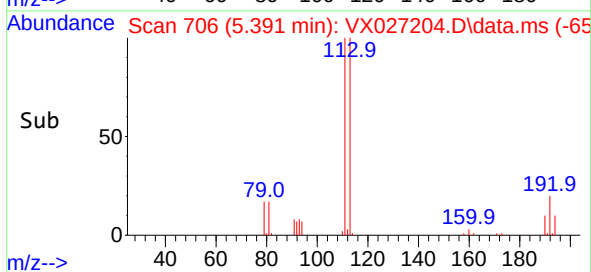
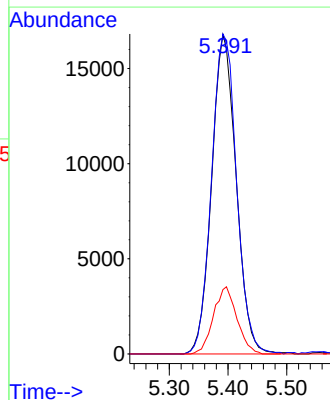
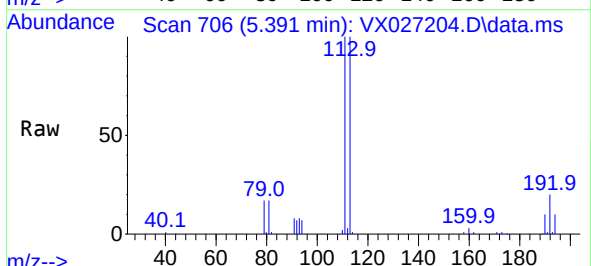
Tgt Ion:113 Resp: 48610

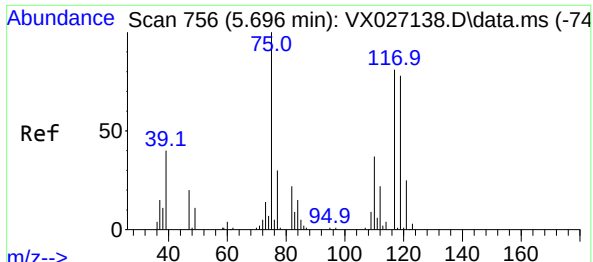
Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

192 20.1 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.681 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027204.D

Acq: 25 Feb 2022 21:11

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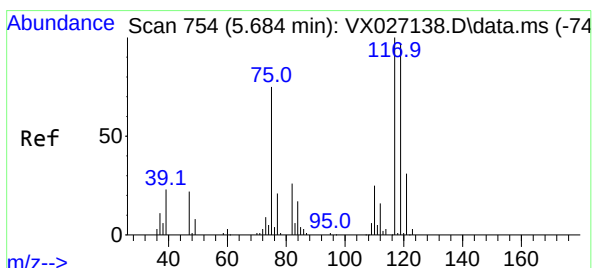
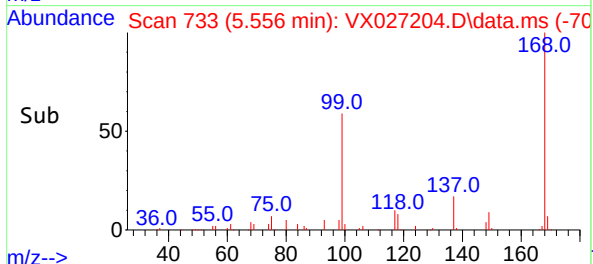
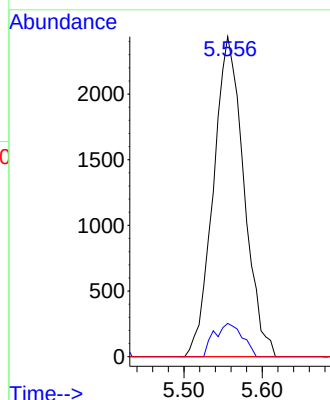
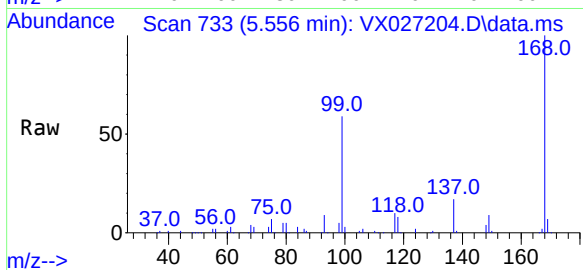
Tgt Ion: 75 Resp: 6602

Ion Ratio Lower Upper

75 100

110 9.6 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.302 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX027204.D

Acq: 25 Feb 2022 21:11

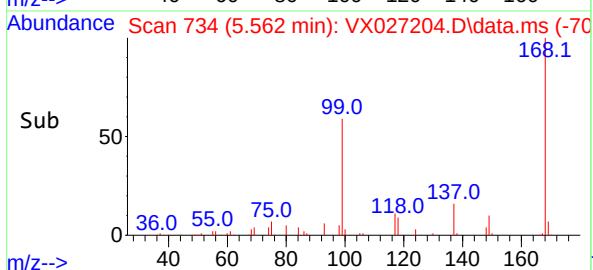
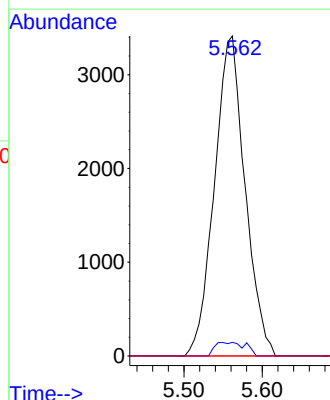
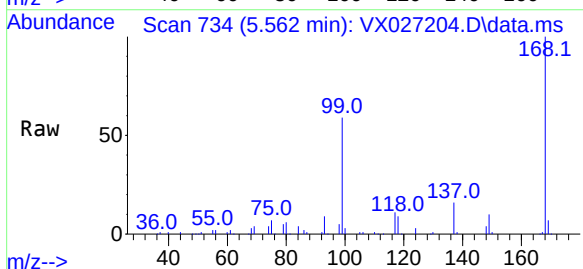
Tgt Ion: 117 Resp: 9270

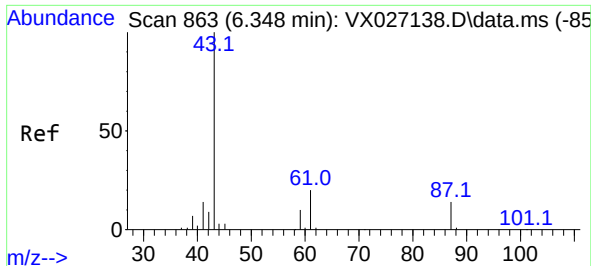
Ion Ratio Lower Upper

117 100

119 4.3 74.7 112.1#

121 0.0 25.4 38.0#

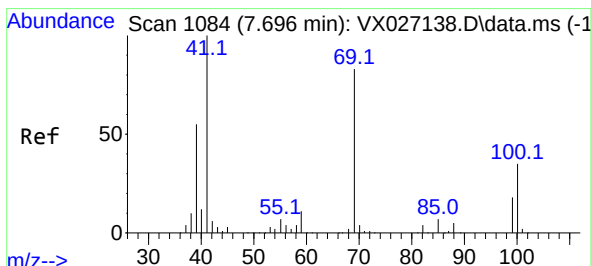
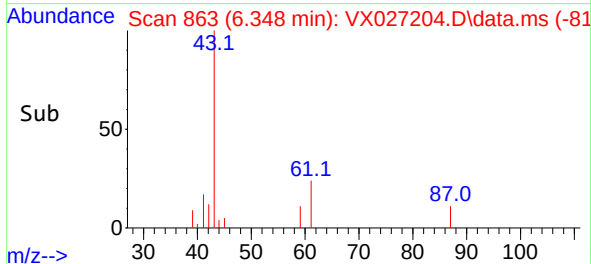
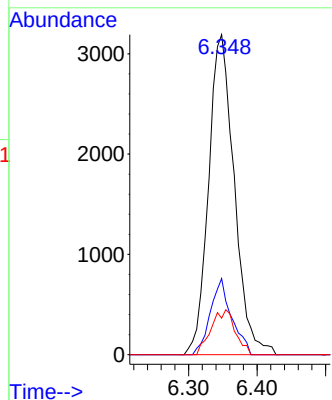
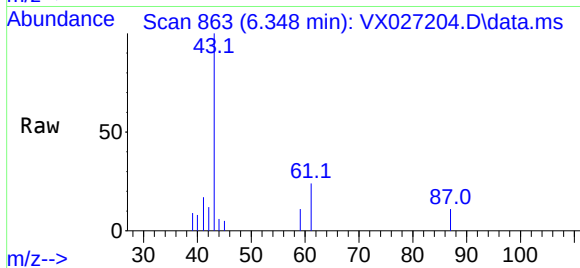




#43
Isopropyl Acetate
Concen: 3.488 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

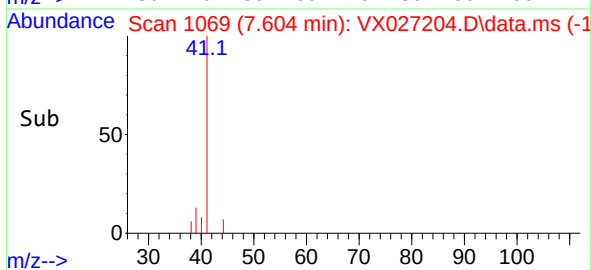
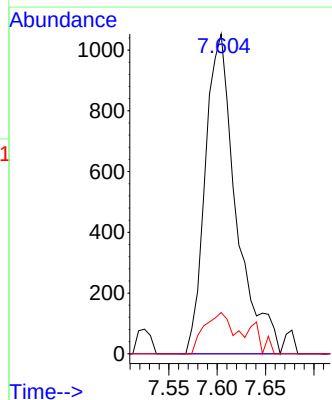
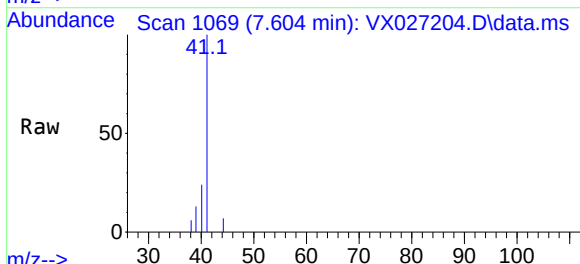
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PB142919ZHE#09

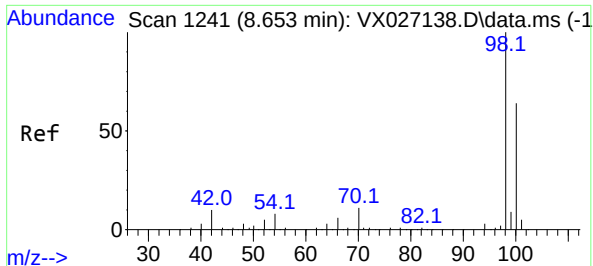
Tgt Ion:	43	Resp:	8308
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	13.2	10.2	15.2



#48
Methyl methacrylate
Concen: 2.022 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Tgt Ion:	41	Resp:	2332
Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.2	93.4#
39	0.0	45.4	68.0#

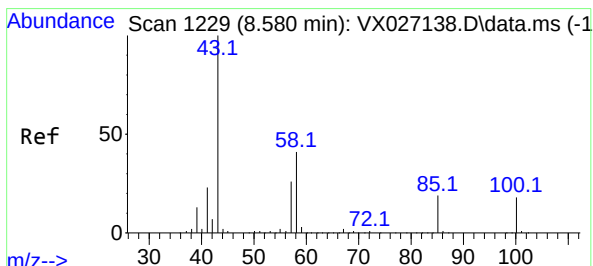
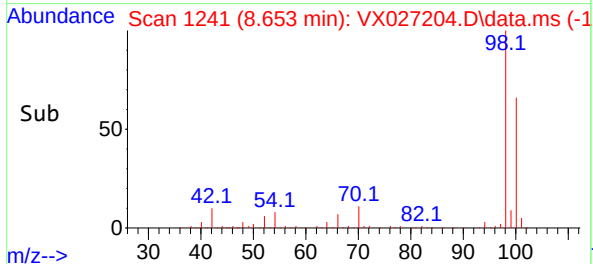
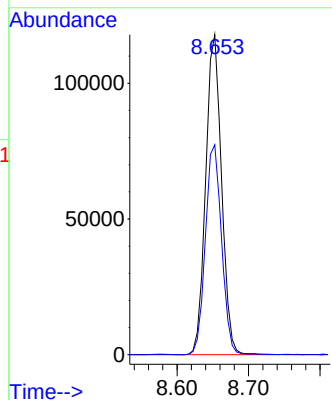
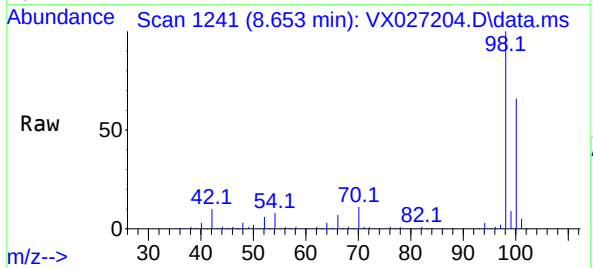




#50
Toluene-d8
Concen: 50.303 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

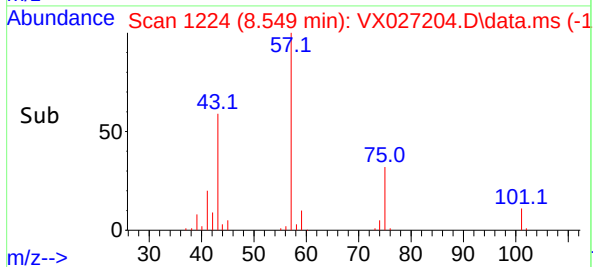
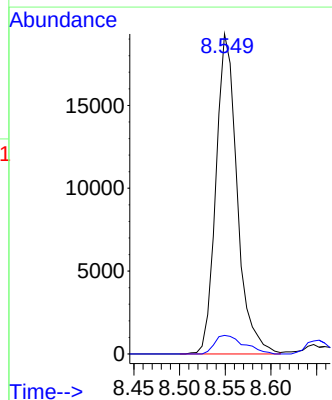
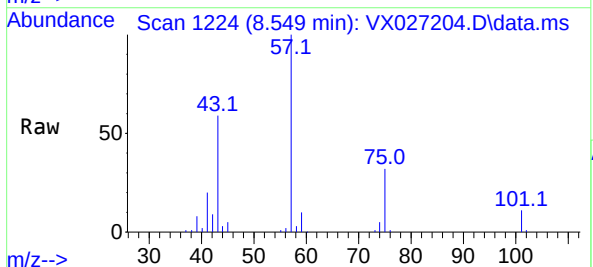
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#09

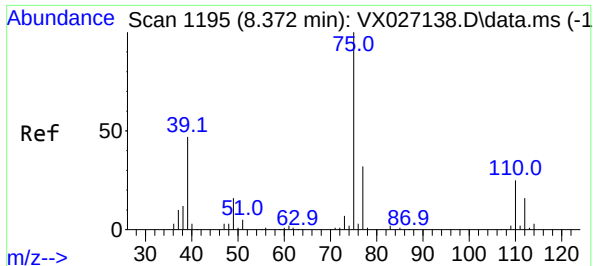
Tgt Ion: 98 Resp: 181770
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 20.144 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Tgt Ion: 43 Resp: 31189
Ion Ratio Lower Upper
43 100
58 8.1 30.5 45.7#

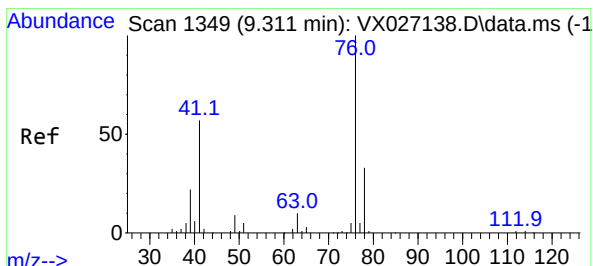
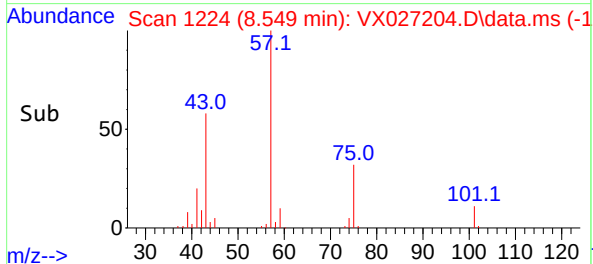
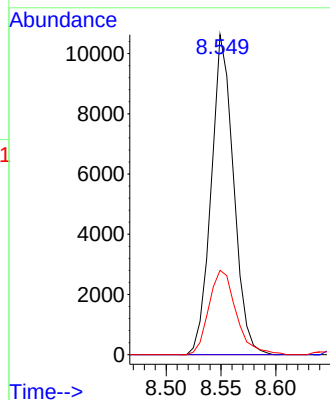
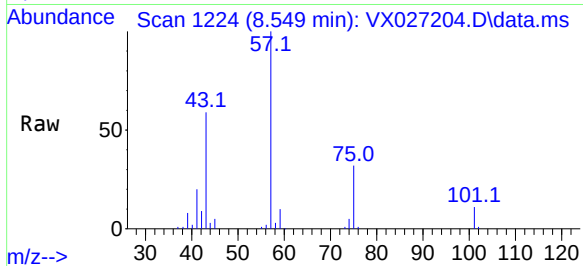




#54
cis-1,3-Dichloropropene
Concen: 9.570 ug/l
RT: 8.549 min Scan# 1195
Delta R.T. 0.177 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

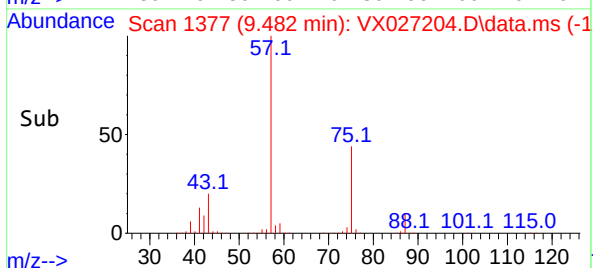
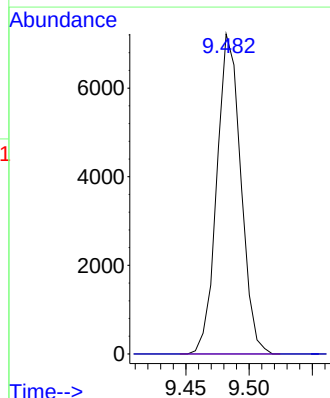
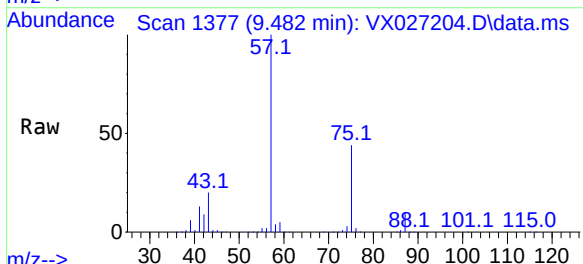
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#09

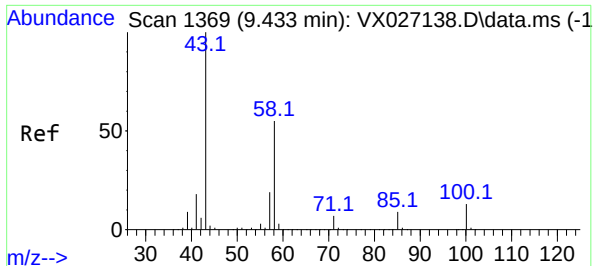
Tgt Ion: 75 Resp: 15092
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 26.3 43.5 65.3#



#57
1,3-Dichloropropane
Concen: 5.465 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Tgt Ion: 76 Resp: 9509
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 108.338 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX027204.D

Acq: 25 Feb 2022 21:11

Instrument :

MSVOA_X

ClientSampleId :

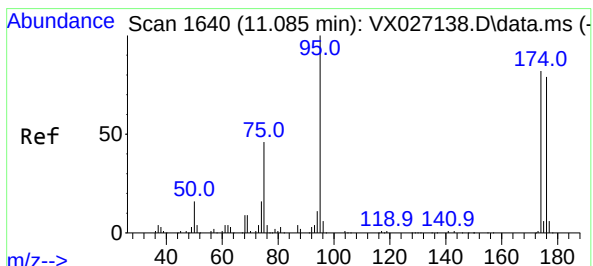
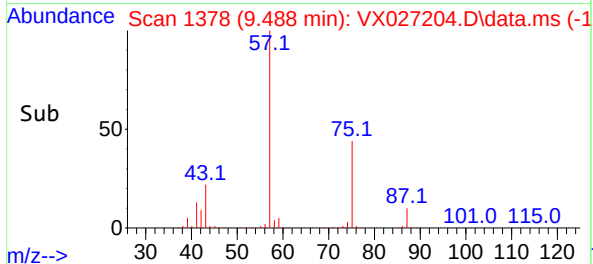
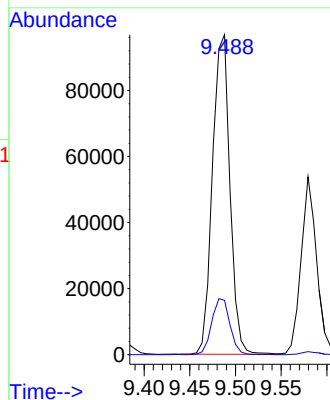
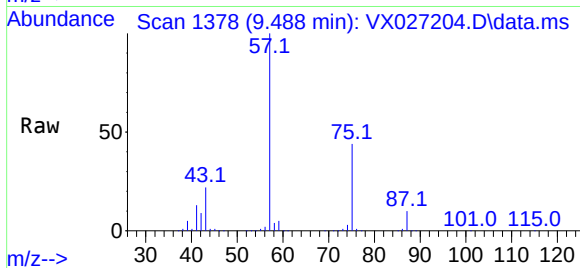
PB142919ZHE#09

Tgt Ion: 43 Resp: 128206

Ion Ratio Lower Upper

43 100

58 18.4 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 47.176 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027204.D

Acq: 25 Feb 2022 21:11

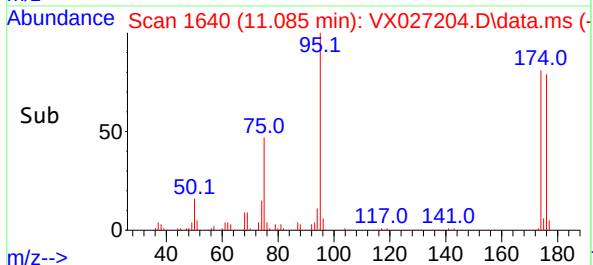
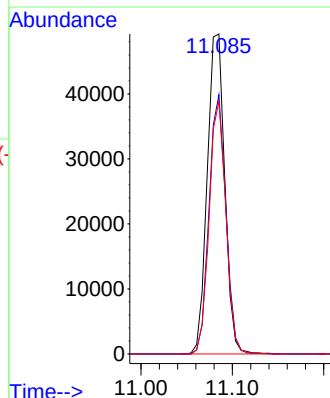
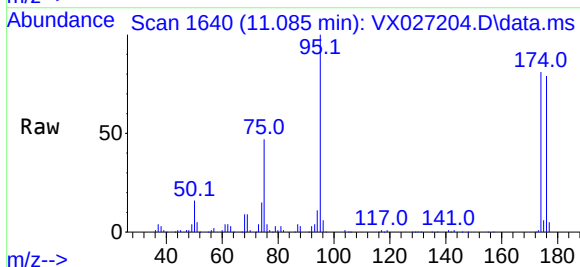
Tgt Ion: 95 Resp: 65436

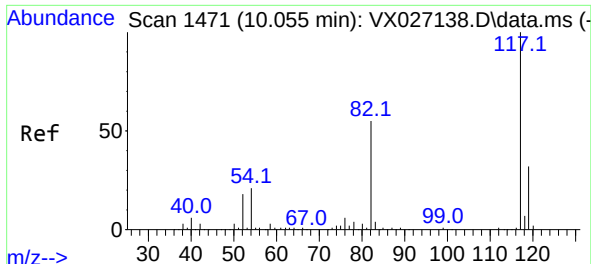
Ion Ratio Lower Upper

95 100

174 77.9 0.0 148.6

176 75.1 0.0 141.4

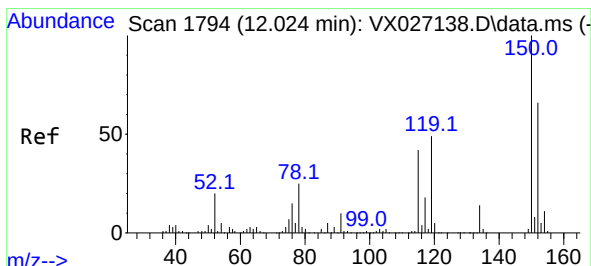
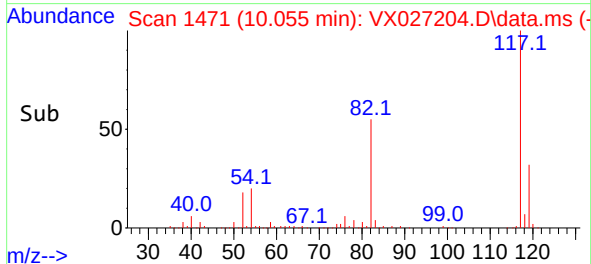
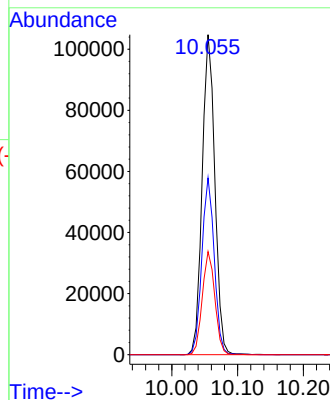
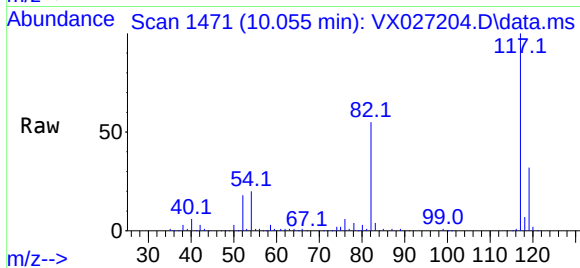




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

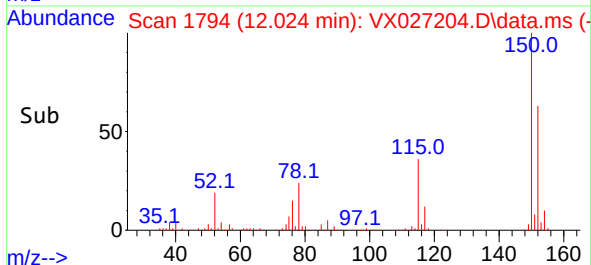
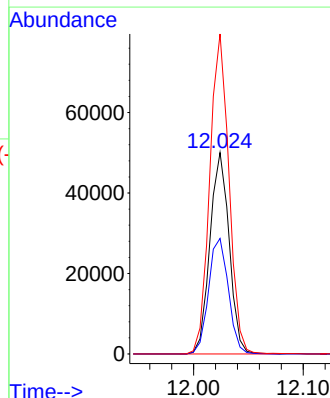
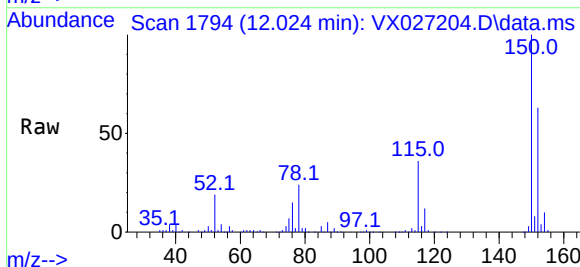
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#09

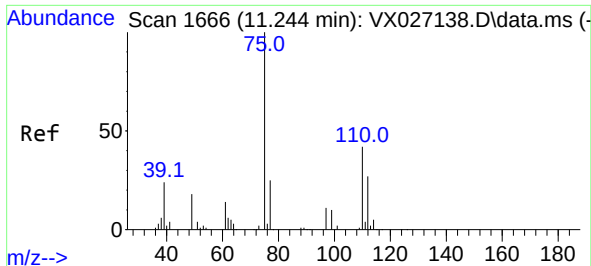
Tgt Ion:117 Resp: 140364
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

Tgt Ion:152 Resp: 61030
Ion Ratio Lower Upper
152 100
115 59.1 44.2 132.6
150 158.5 0.0 348.2

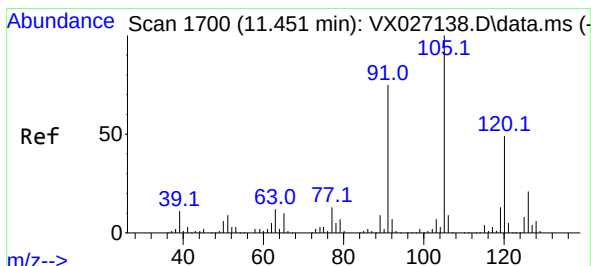
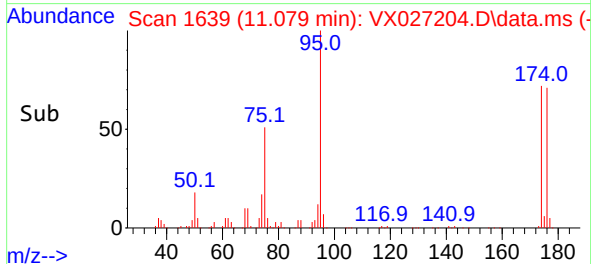
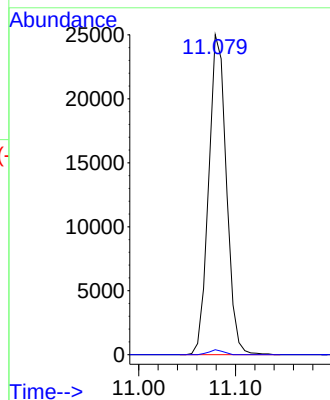
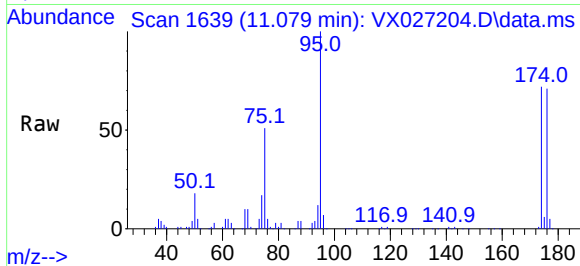




#76
1,2,3-Trichloropropane
Concen: 25.955 ug/l
RT: 11.079 min Scan# 110
Delta R.T. -0.165 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

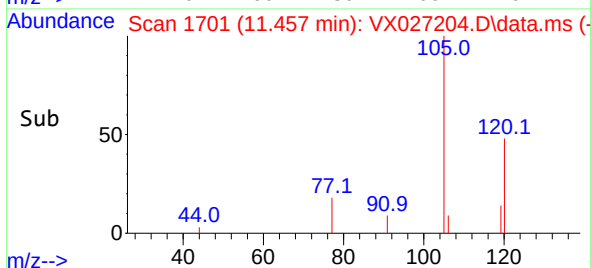
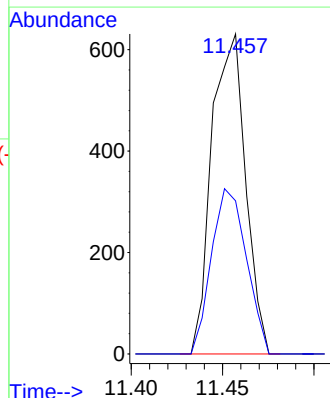
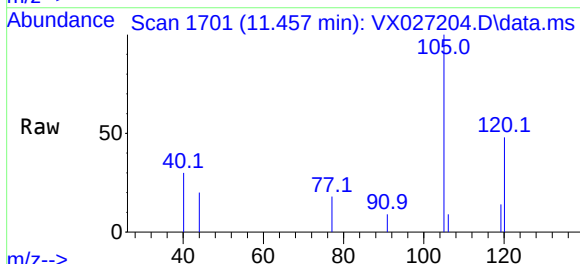
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#09

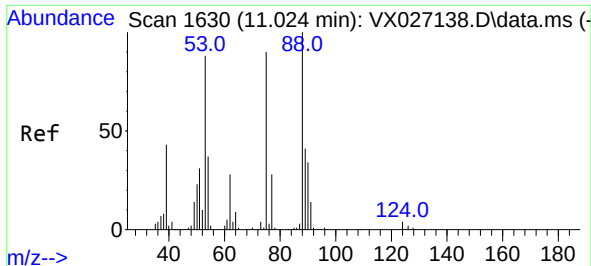
Tgt Ion: 75 Resp: 31906
Ion Ratio Lower Upper
75 100
77 1.3 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.221 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027204.D
Acq: 25 Feb 2022 21:11

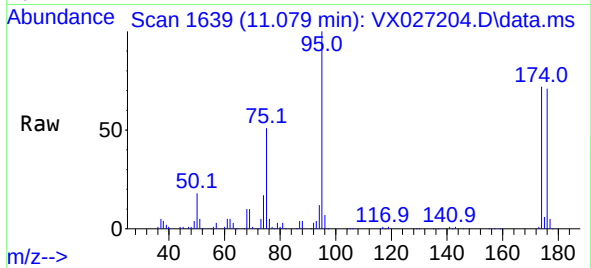
Tgt Ion: 105 Resp: 811
Ion Ratio Lower Upper
105 100
120 53.5 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.317 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX027204.D
 Acq: 25 Feb 2022 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#09



Tgt Ion: 75 Resp: 31906
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

