

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027200.D
 Acq On : 25 Feb 2022 19:37
 Operator : JC/MD
 Sample : PB142919ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#05

Quant Time: Feb 25 23:20:02 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)

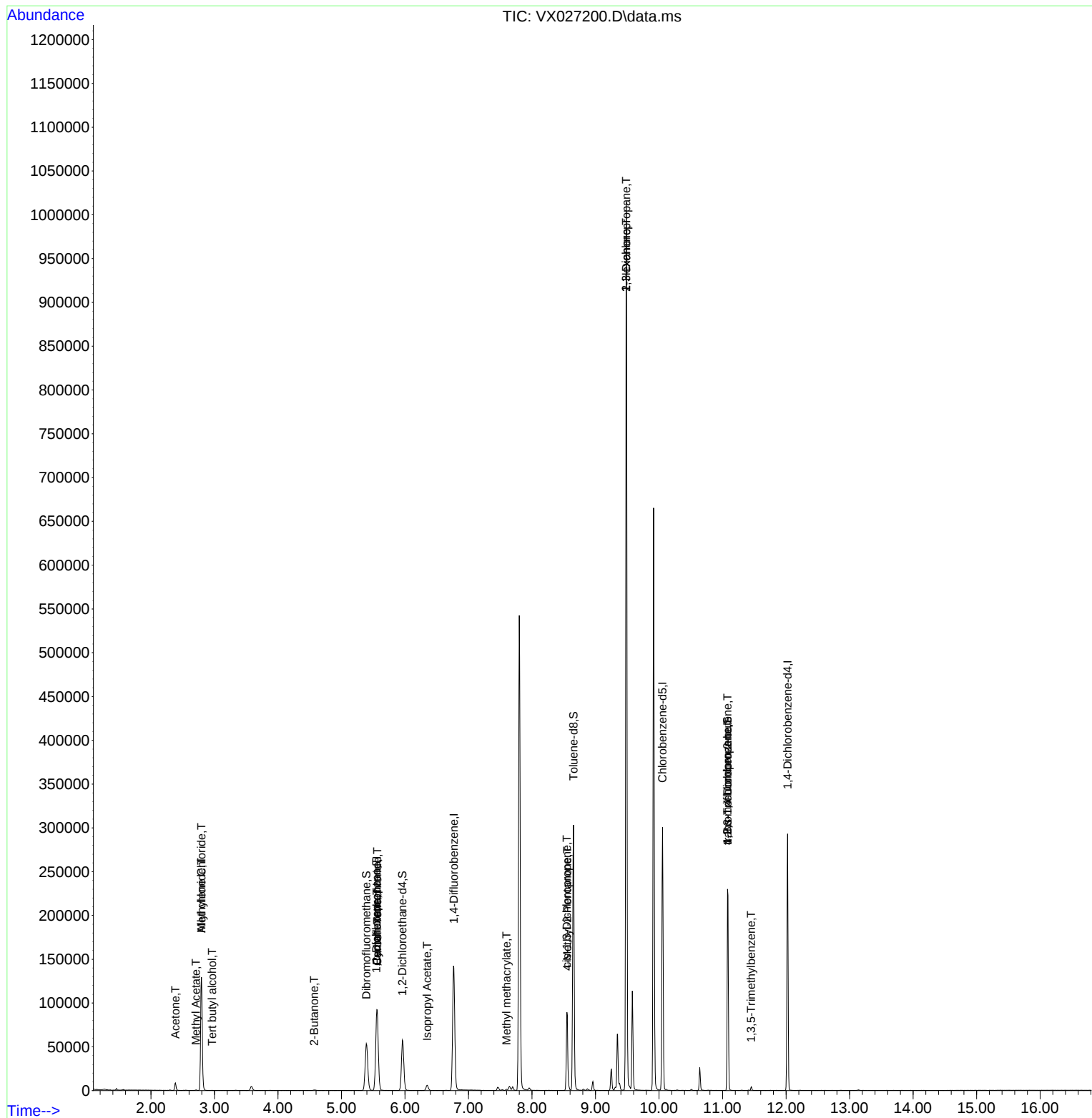
Internal Standards						
1) Pentafluorobenzene	5.556	168	91512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	150077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54459	49.550	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.100%
35) Dibromofluoromethane	5.391	113	47702	51.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	8.653	98	177885	51.070	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.140%
62) 4-Bromofluorobenzene	11.079	95	65168	48.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	63	0.295	ug/l #	75
14) Allyl chloride	2.794	41	2183	1.392	ug/l #	25
16) Acetone	2.386	43	8830	18.298	ug/l	97
18) Methyl Acetate	2.709	43	696	0.559	ug/l #	84
20) Methylene Chloride	2.794	84	58299	58.289	ug/l	95
25) 2-Butanone	4.568	43	1225	1.594	ug/l #	83
31) Cyclohexane	5.556	56	1612	0.979	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6703	4.930	ug/l #	51
38) Carbon Tetrachloride	5.562	117	8991	6.341	ug/l #	17
43) Isopropyl Acetate	6.348	43	8271	3.602	ug/l	99
48) Methyl methacrylate	7.598	41	2371	2.133	ug/l #	16
51) 4-Methyl-2-Pentanone	8.555	43	31656	21.210	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	14863	9.777	ug/l #	54
57) 1,3-Dichloropropane	9.482	76	9208	5.490	ug/l #	43
59) 2-Hexanone	9.482	43	120855	105.947	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	30884	25.186	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2067	0.564	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	30884	71.294	ug/l #	3

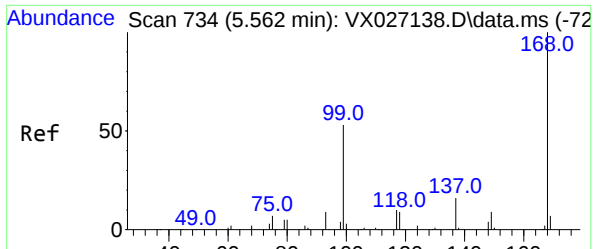
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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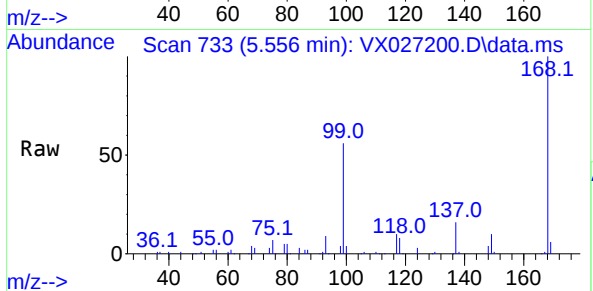
Quant Time: Feb 25 23:20:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



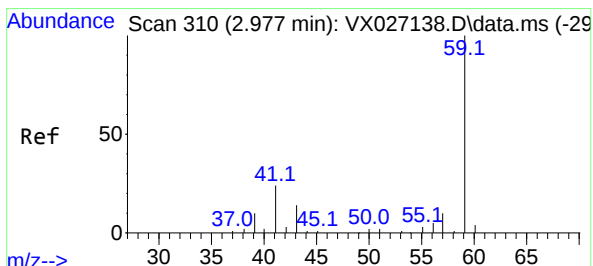
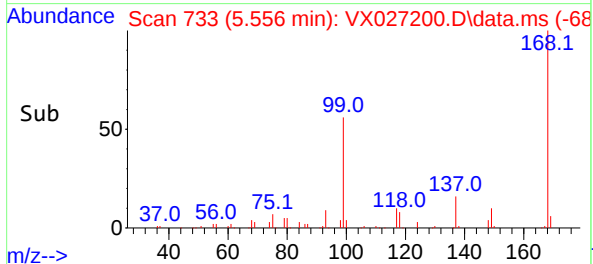
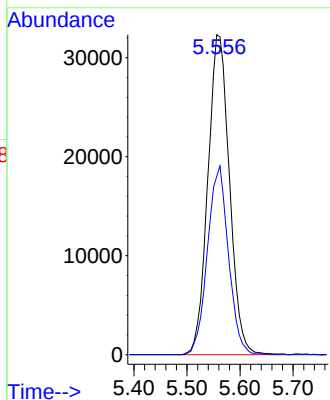


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#05

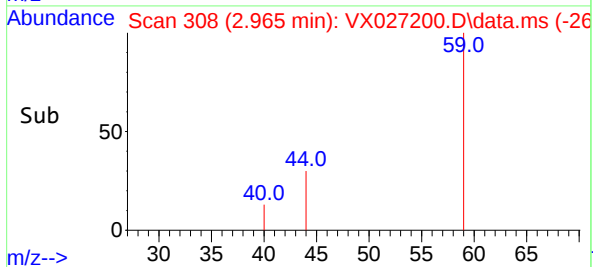
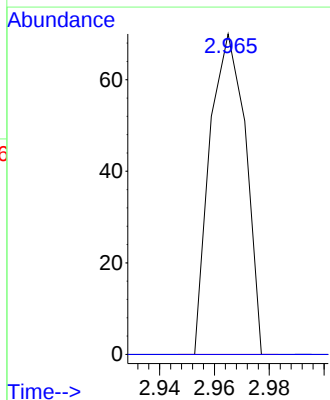
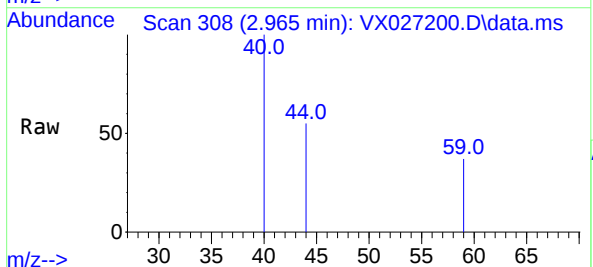


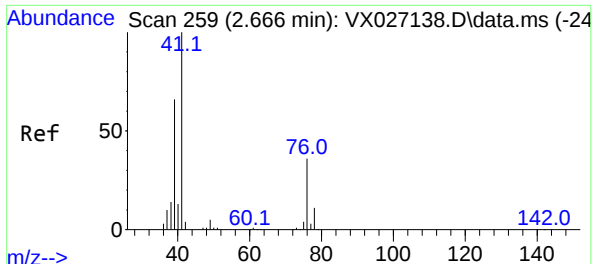
Tgt Ion:168 Resp: 91512
Ion Ratio Lower Upper
168 100
99 55.8 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.295 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#14

Allyl chloride

Concen: 1.392 ug/l

RT: 2.794 min Scan# 2183

Delta R.T. 0.128 min

Lab File: VX027200.D

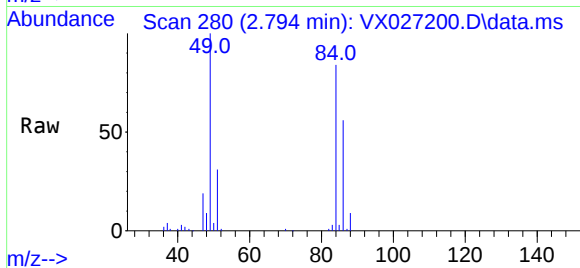
Acq: 25 Feb 2022 19:37

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#05



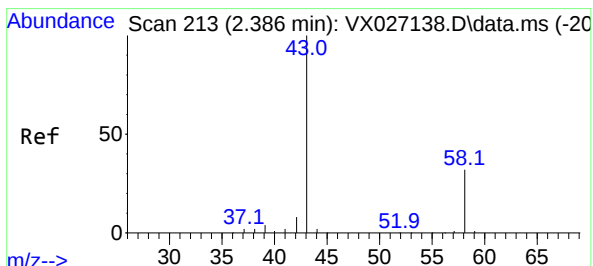
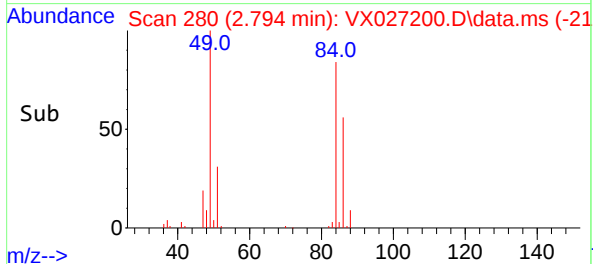
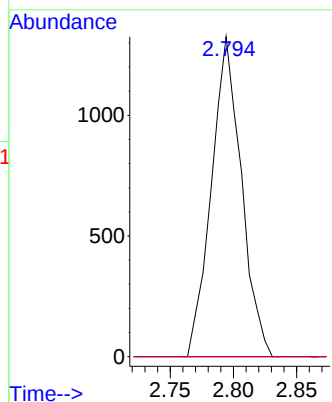
Tgt Ion: 41 Resp: 2183

Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 0.0 25.2 37.8#



#16

Acetone

Concen: 18.298 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX027200.D

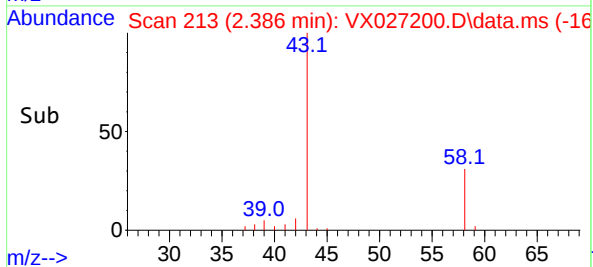
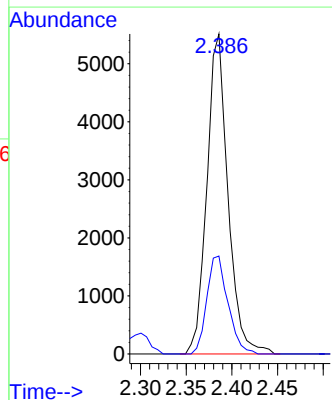
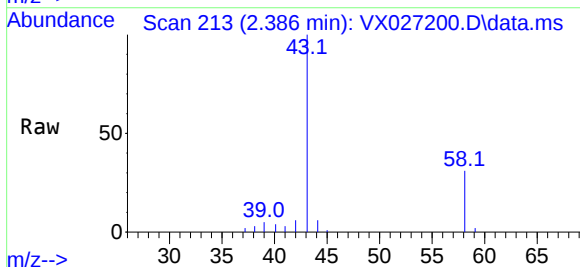
Acq: 25 Feb 2022 19:37

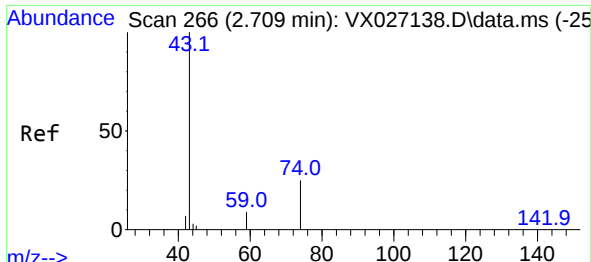
Tgt Ion: 43 Resp: 8830

Ion Ratio Lower Upper

43 100

58 30.6 23.0 34.6

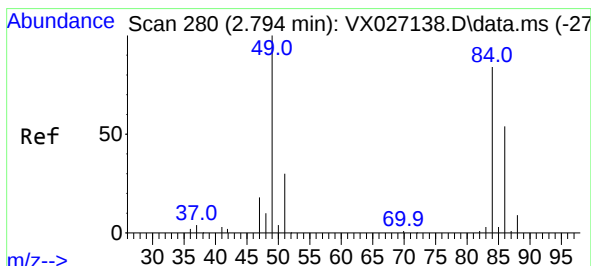
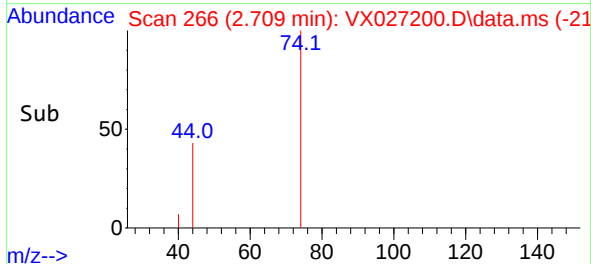
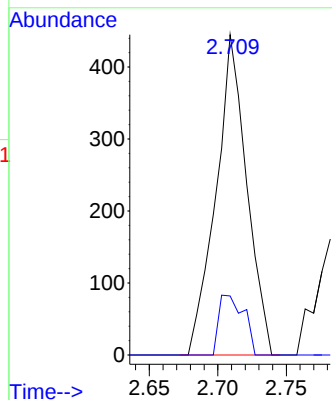
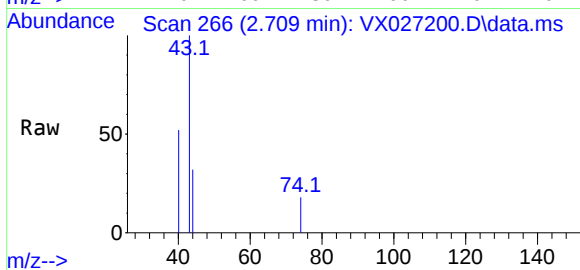




#18
Methyl Acetate
Concen: 0.559 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

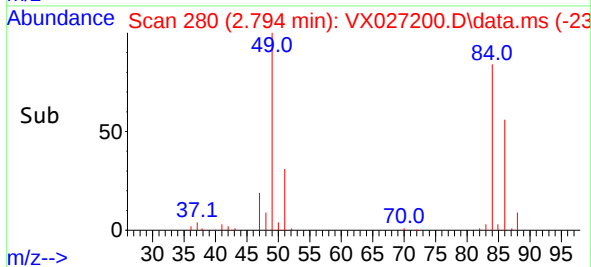
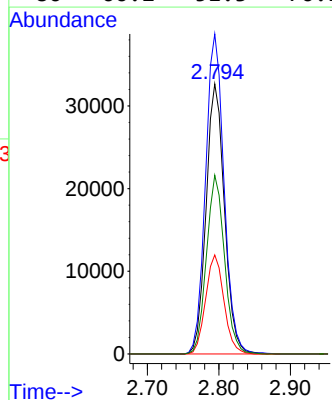
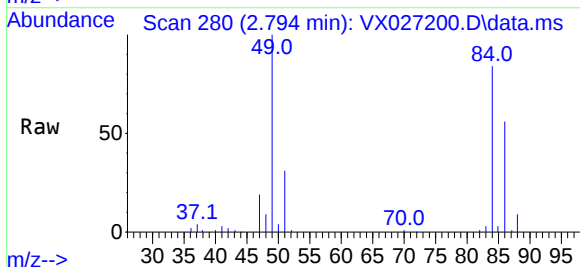
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#05

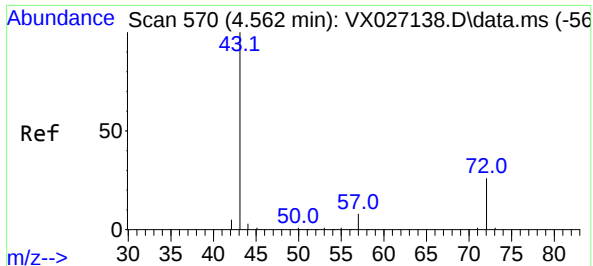
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
74 15.1 18.3 27.5#



#20
Methylene Chloride
Concen: 58.289 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 84 Resp: 58299
Ion Ratio Lower Upper
84 100
49 118.5 101.5 152.3
51 36.7 31.2 46.8
86 66.2 51.3 76.9

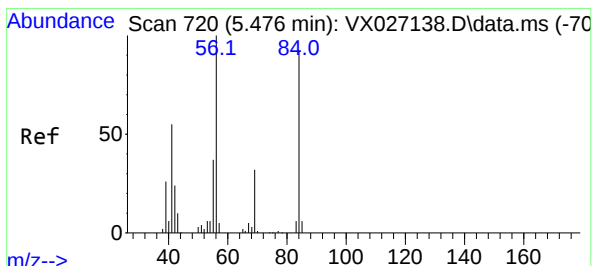
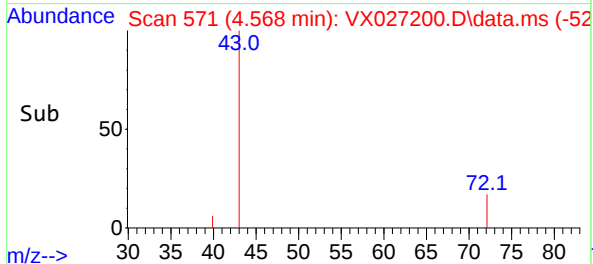
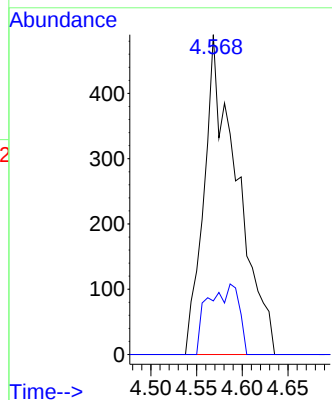
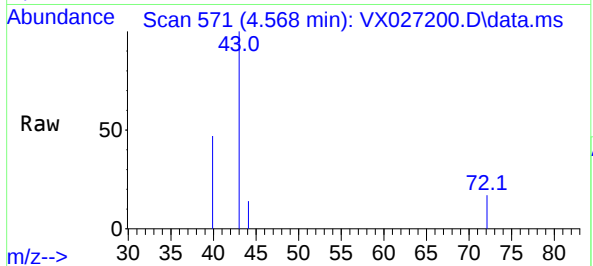




#25
2-Butanone
Concen: 1.594 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

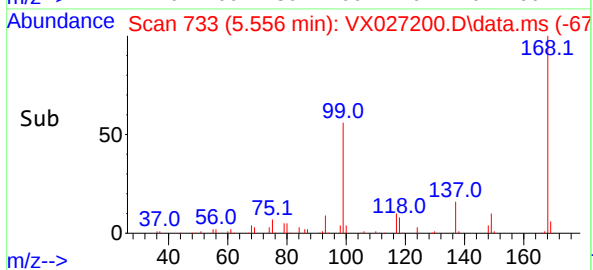
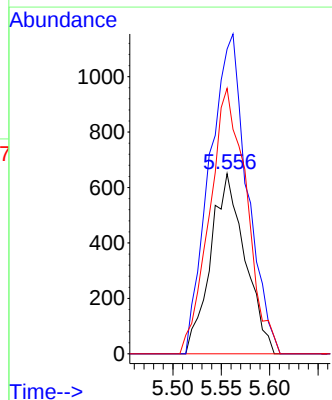
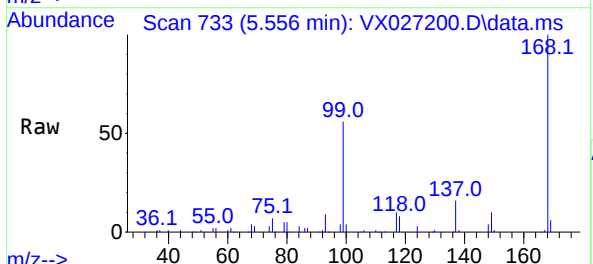
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#05

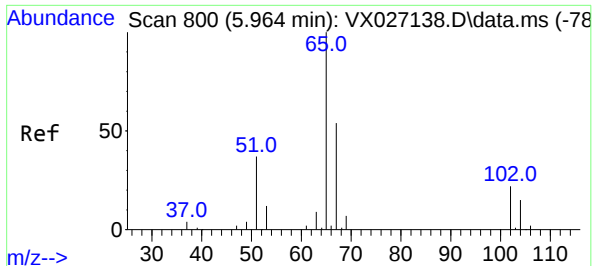
Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
72 16.7 20.4 30.6#



#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 56 Resp: 1612
Ion Ratio Lower Upper
56 100
69 169.1 25.8 38.6#
84 147.4 68.9 103.3#

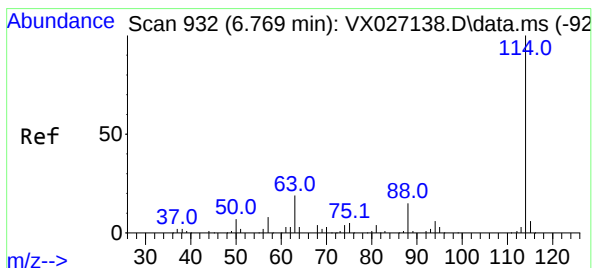
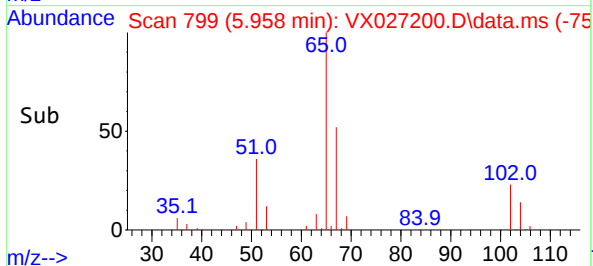
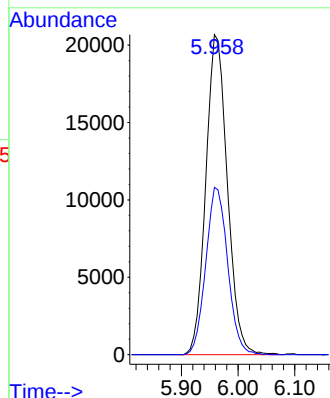
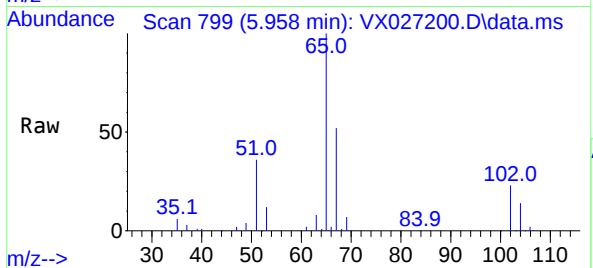




#33
1,2-Dichloroethane-d4
Concen: 49.550 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

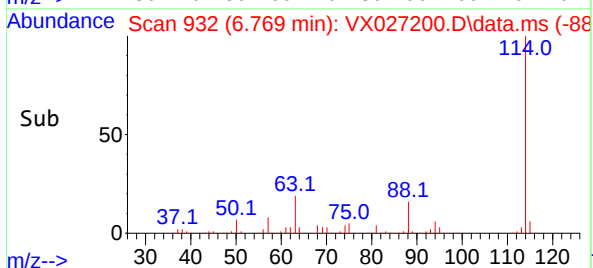
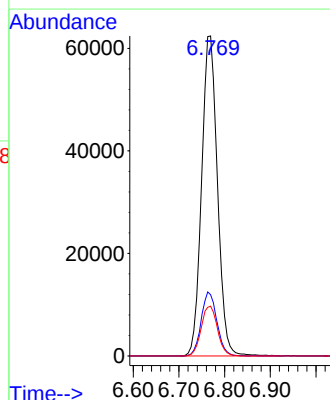
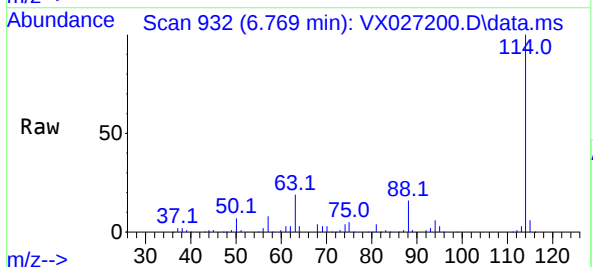
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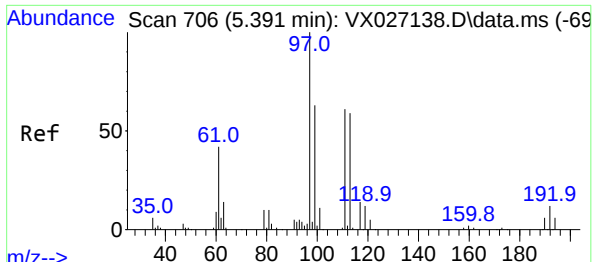
Tgt Ion: 65 Resp: 54459
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 114 Resp: 150077
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.8
88 15.6 0.0 33.0

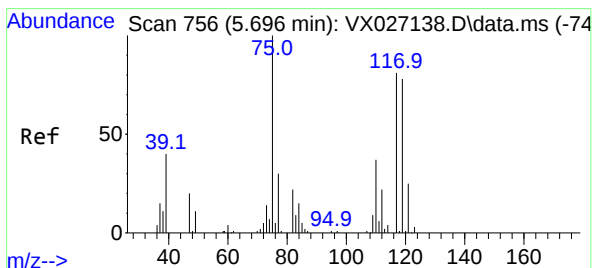
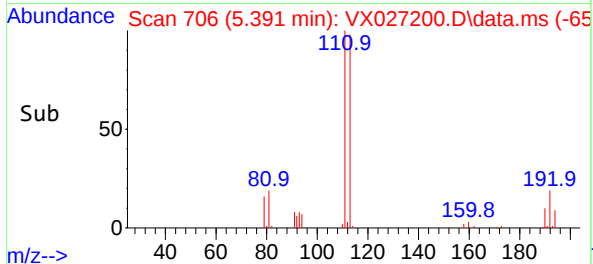
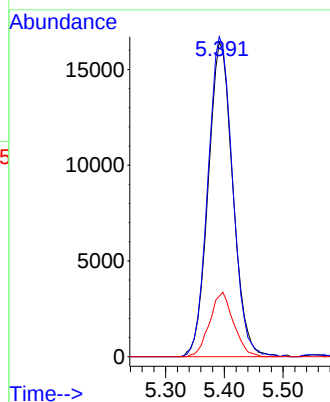
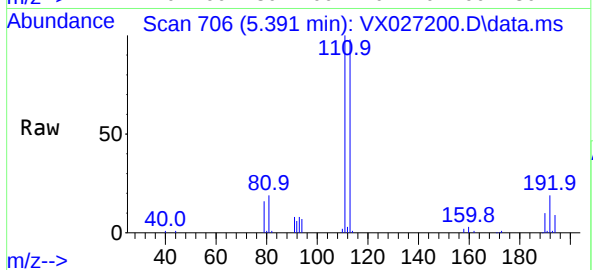




#35
Dibromofluoromethane
Concen: 51.207 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

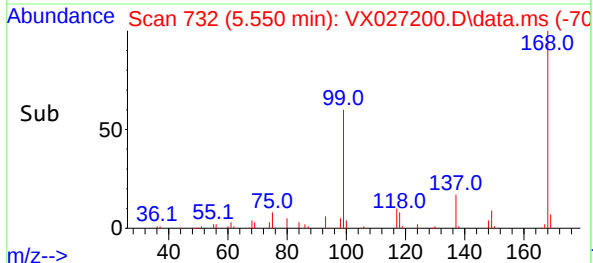
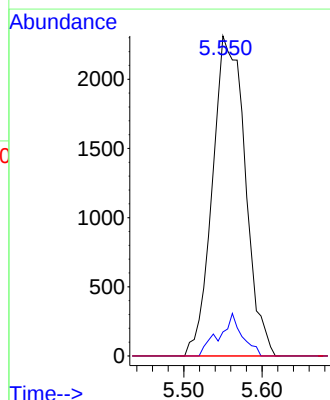
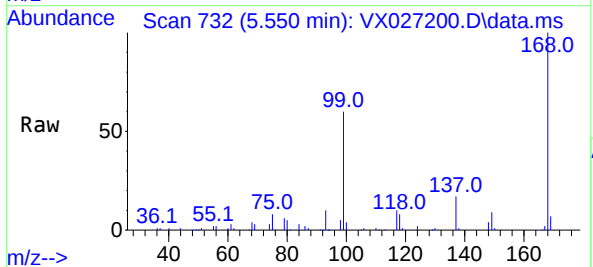
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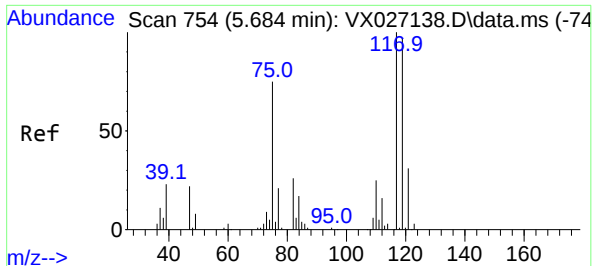
Tgt Ion:113 Resp: 47702
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 19.9 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

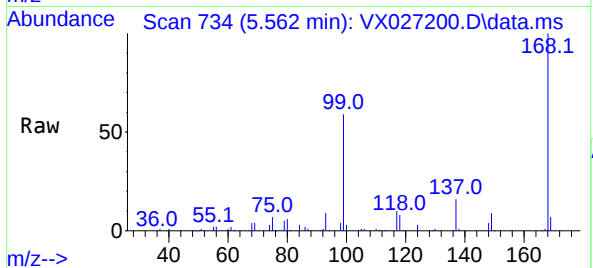
Tgt Ion: 75 Resp: 6703
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



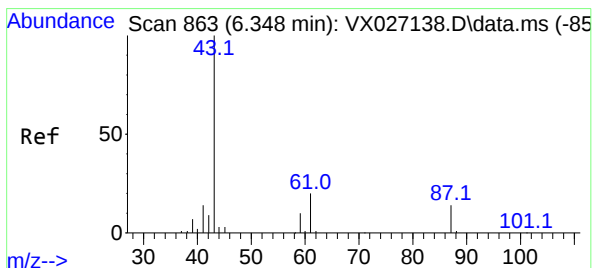
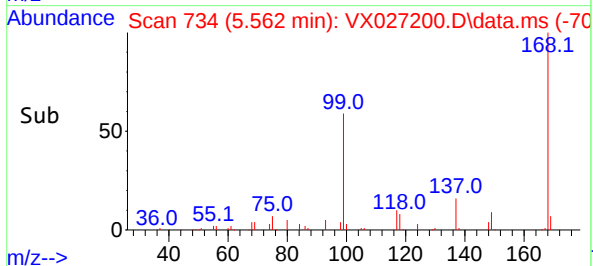
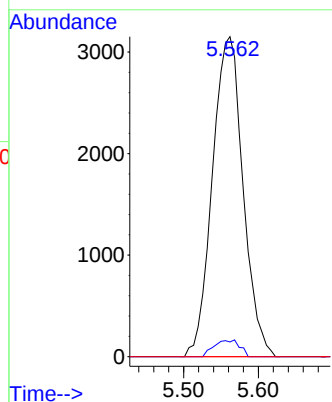


#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#05

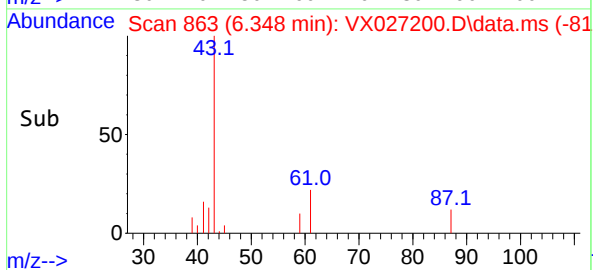
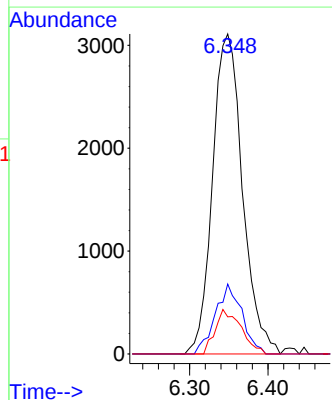
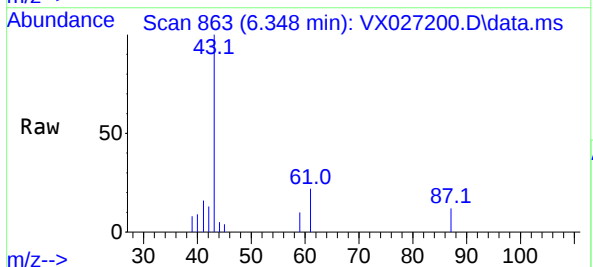


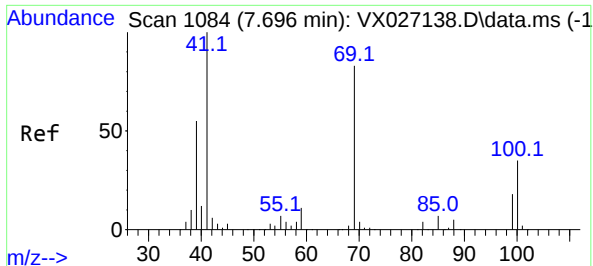
Tgt Ion:117 Resp: 8991
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.602 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 43 Resp: 8271
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 12.0 10.2 15.2





#48

Methyl methacrylate

Concen: 2.133 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX027200.D

Acq: 25 Feb 2022 19:37

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#05

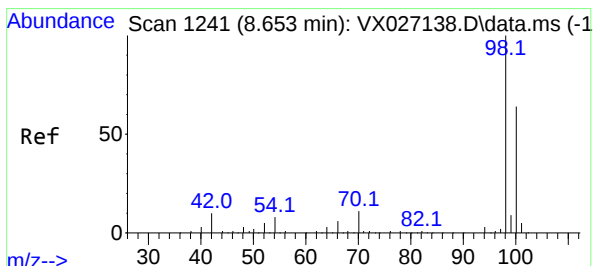
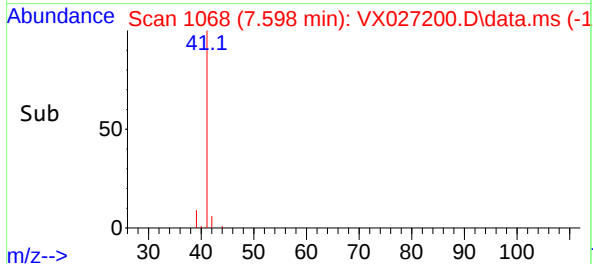
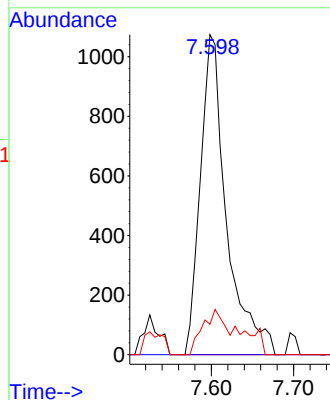
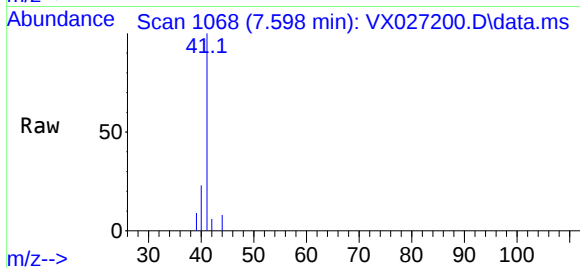
Tgt Ion: 41 Resp: 2371

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#50

Toluene-d8

Concen: 51.070 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027200.D

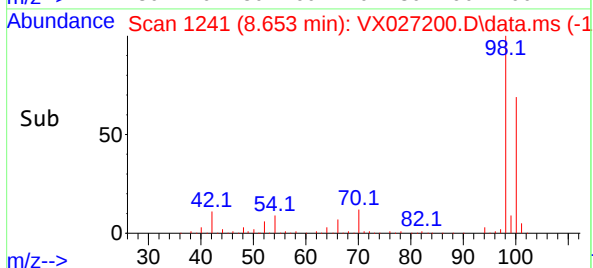
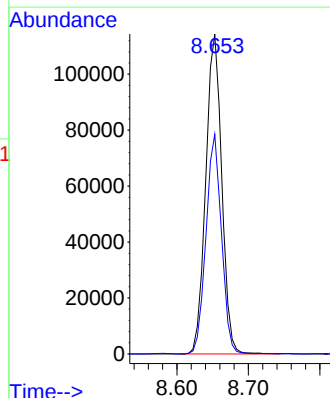
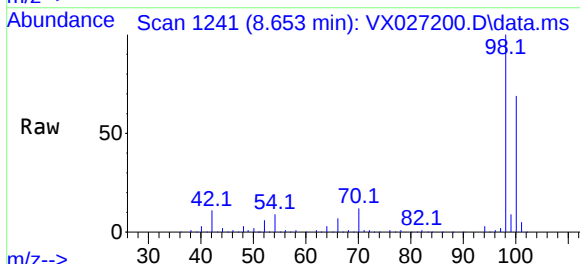
Acq: 25 Feb 2022 19:37

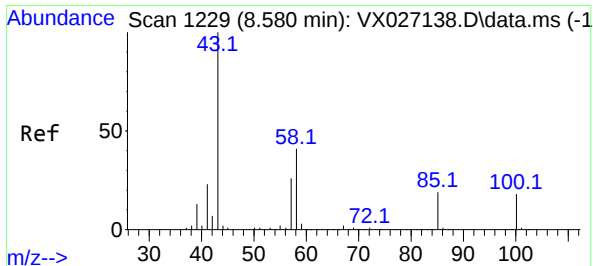
Tgt Ion: 98 Resp: 177885

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 21.210 ug/l

RT: 8.555 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX027200.D

Acq: 25 Feb 2022 19:37

Instrument :

MSVOA_X

ClientSampleId :

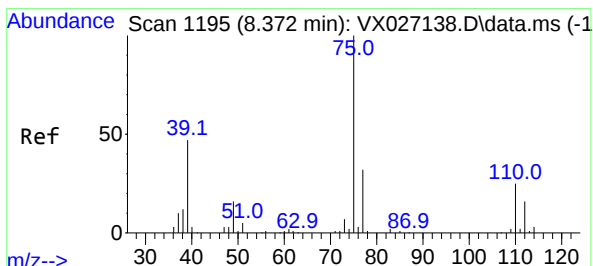
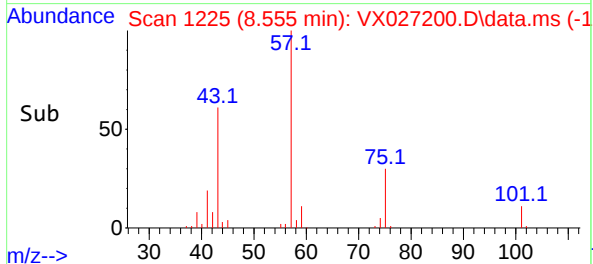
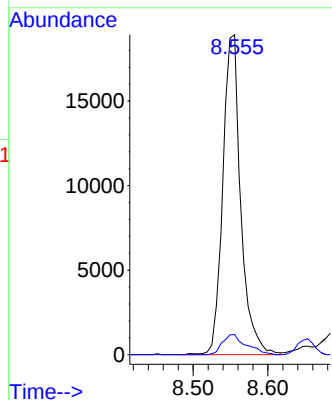
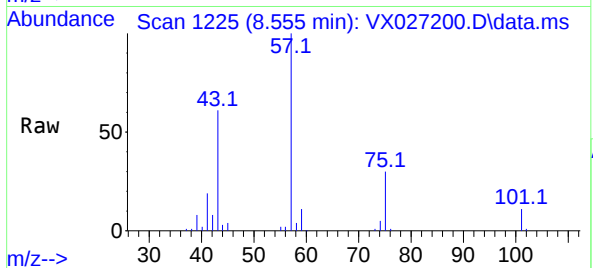
PB142919ZHE#05

Tgt Ion: 43 Resp: 31656

Ion Ratio Lower Upper

43 100

58 8.3 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 9.777 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX027200.D

Acq: 25 Feb 2022 19:37

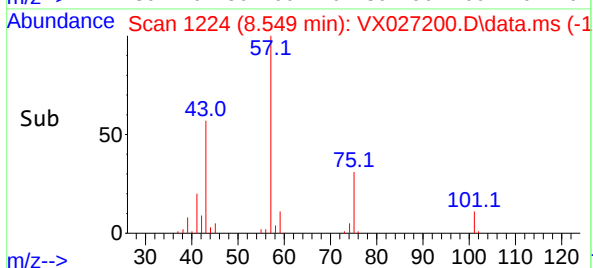
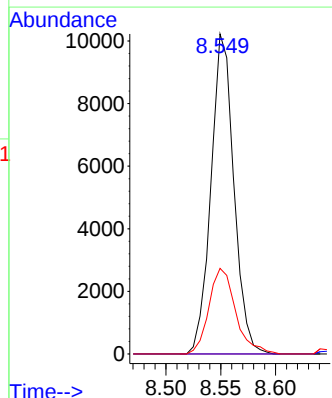
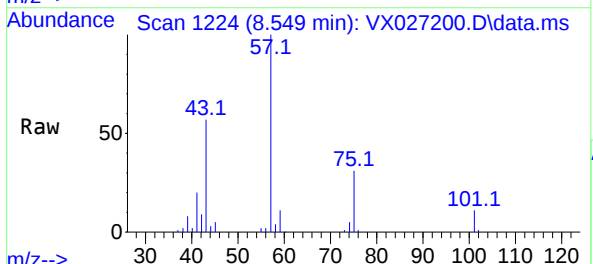
Tgt Ion: 75 Resp: 14863

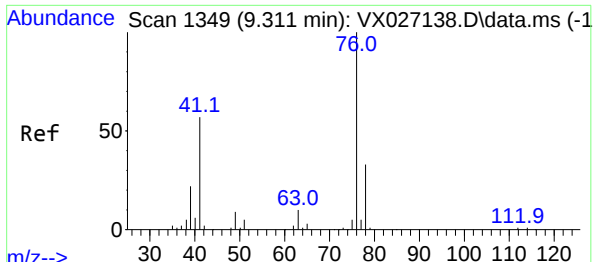
Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 26.8 43.5 65.3#

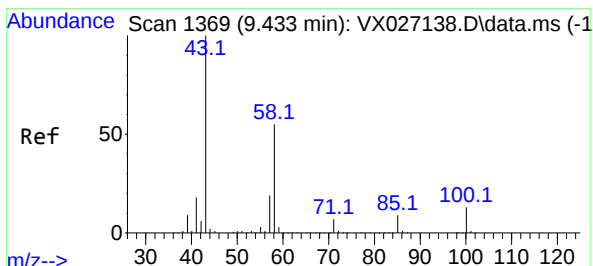
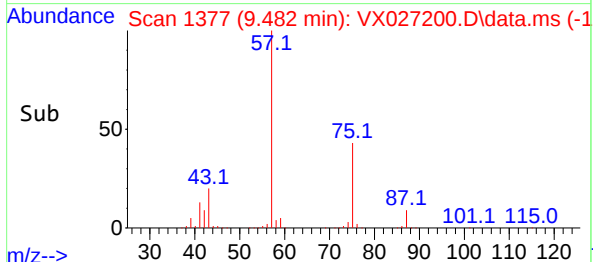
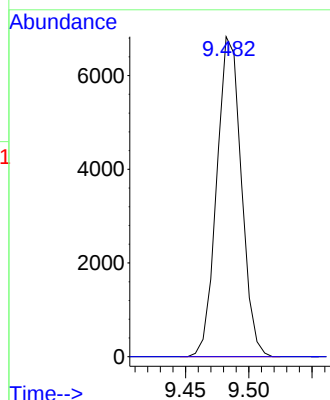
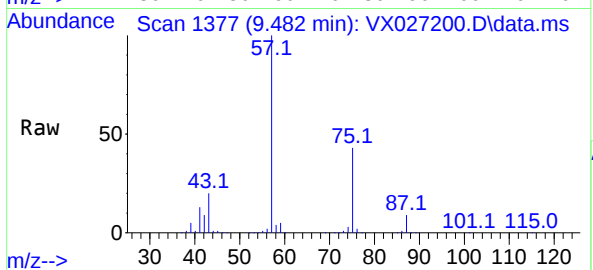




#57
1,3-Dichloropropane
Concen: 5.490 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

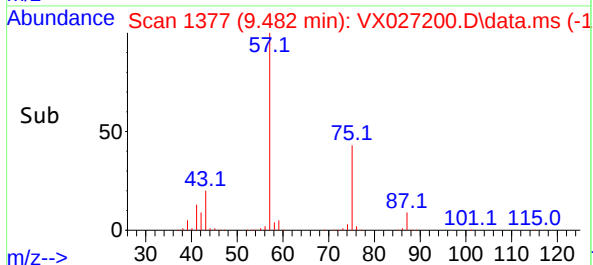
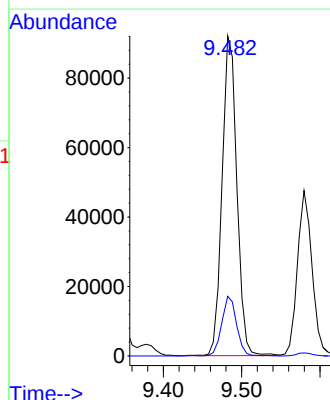
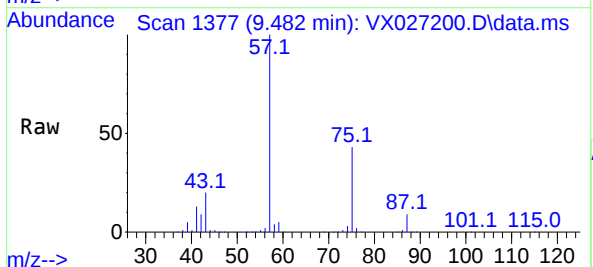
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#05

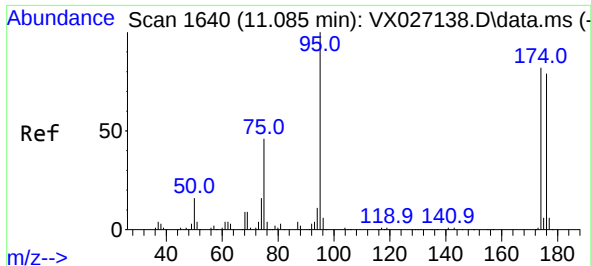
Tgt Ion: 76 Resp: 9208
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 105.947 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 43 Resp: 120855
Ion Ratio Lower Upper
43 100
58 18.8 26.4 79.2#

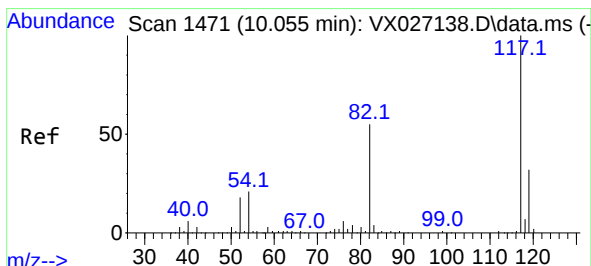
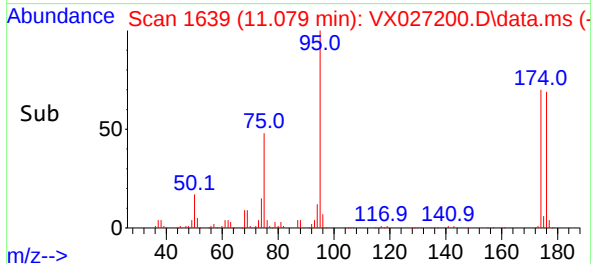
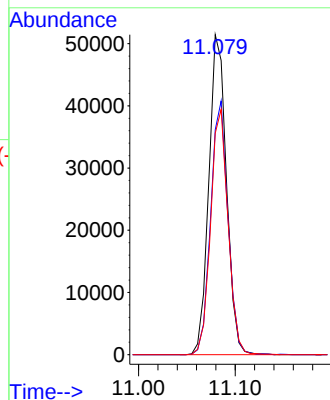
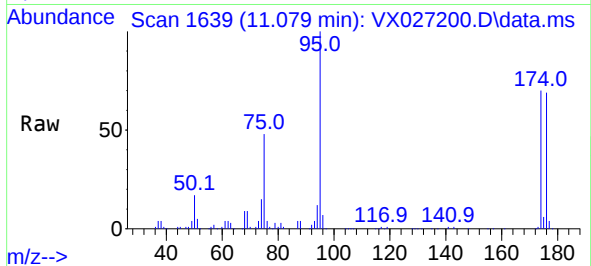




#62
4-Bromofluorobenzene
Concen: 48.741 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

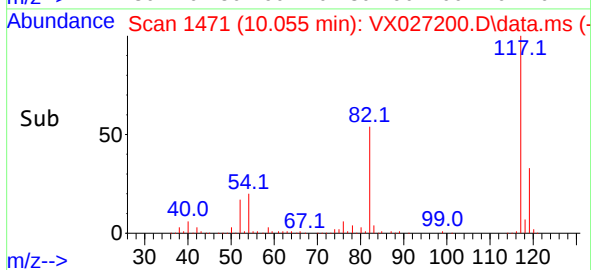
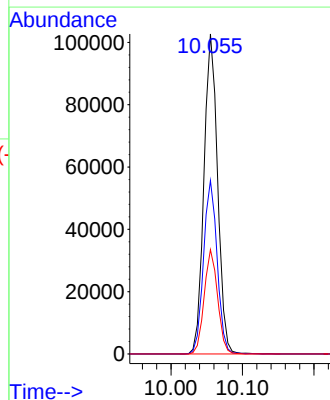
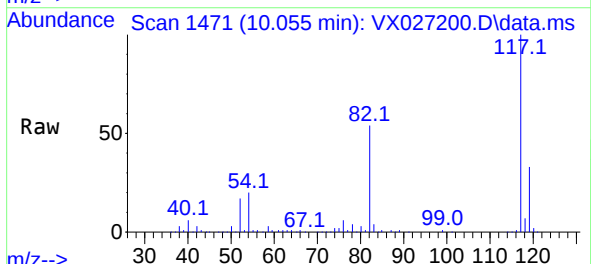
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#05

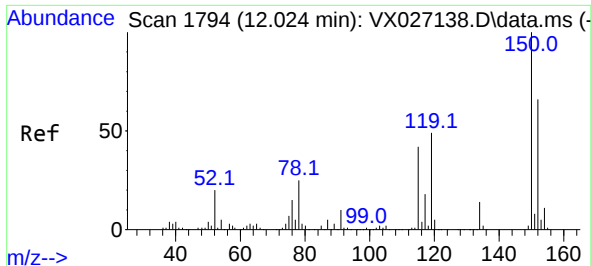
Tgt Ion: 95 Resp: 65168
Ion Ratio Lower Upper
95 100
174 77.8 0.0 148.6
176 75.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 117 Resp: 136372
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 32.6 26.2 39.2

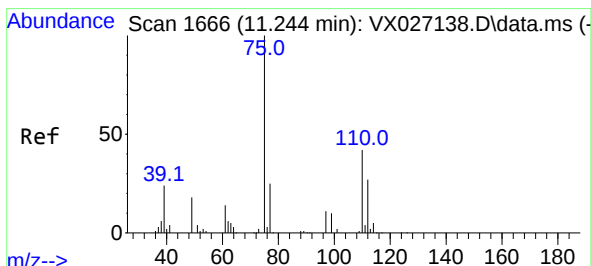
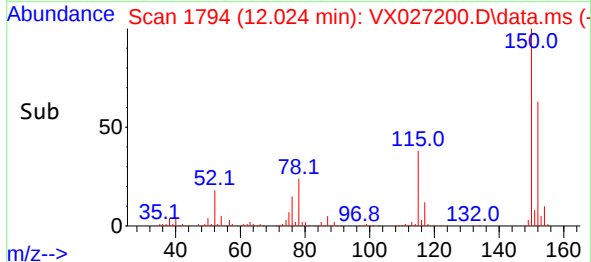
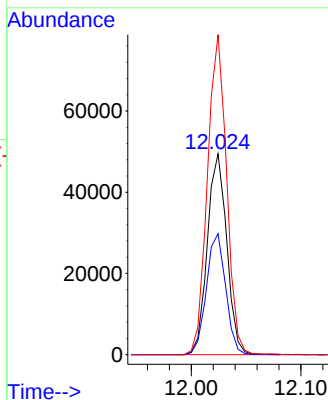
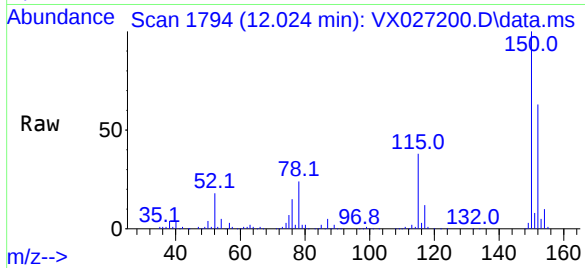




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

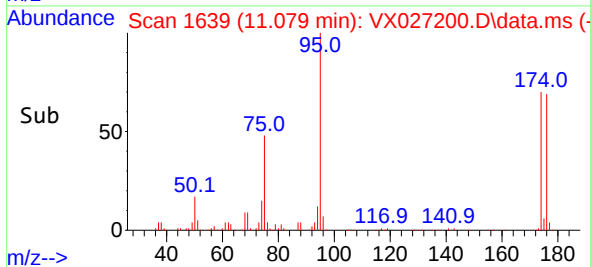
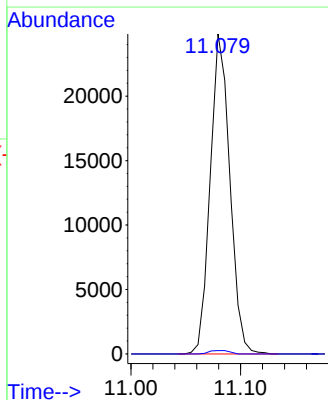
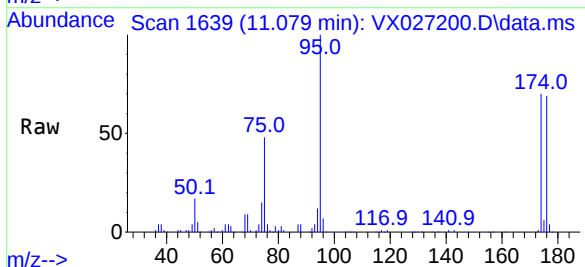
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#05

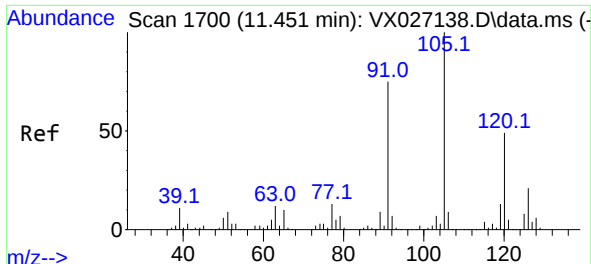
Tgt Ion:152 Resp: 60878
Ion Ratio Lower Upper
152 100
115 59.8 44.2 132.6
150 157.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.186 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 75 Resp: 30884
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

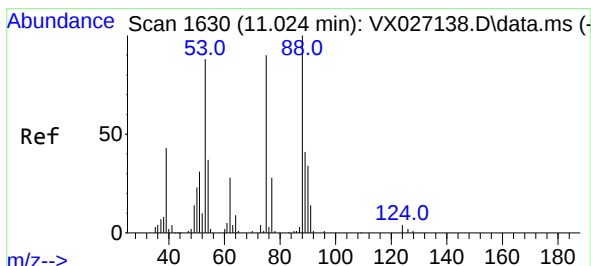
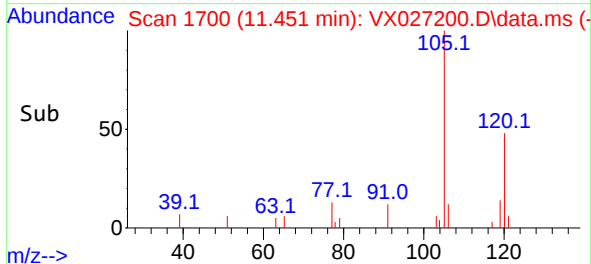
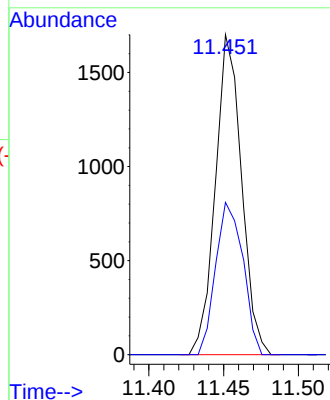
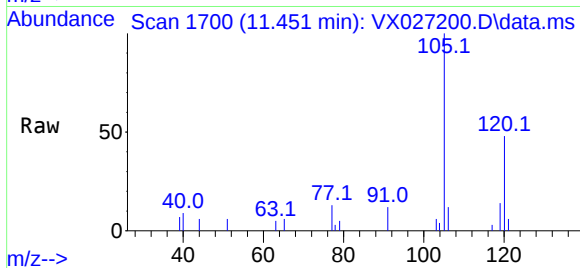




#80
1,3,5-Trimethylbenzene
Concen: 0.564 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#05

Tgt Ion:105 Resp: 2067
Ion Ratio Lower Upper
105 100
120 49.6 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 71.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027200.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 75 Resp: 30884
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

