

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027202.D
 Acq On : 25 Feb 2022 20:24
 Operator : JC/MD
 Sample : PB142919ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#07

Quant Time: Feb 25 23:20:29 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)

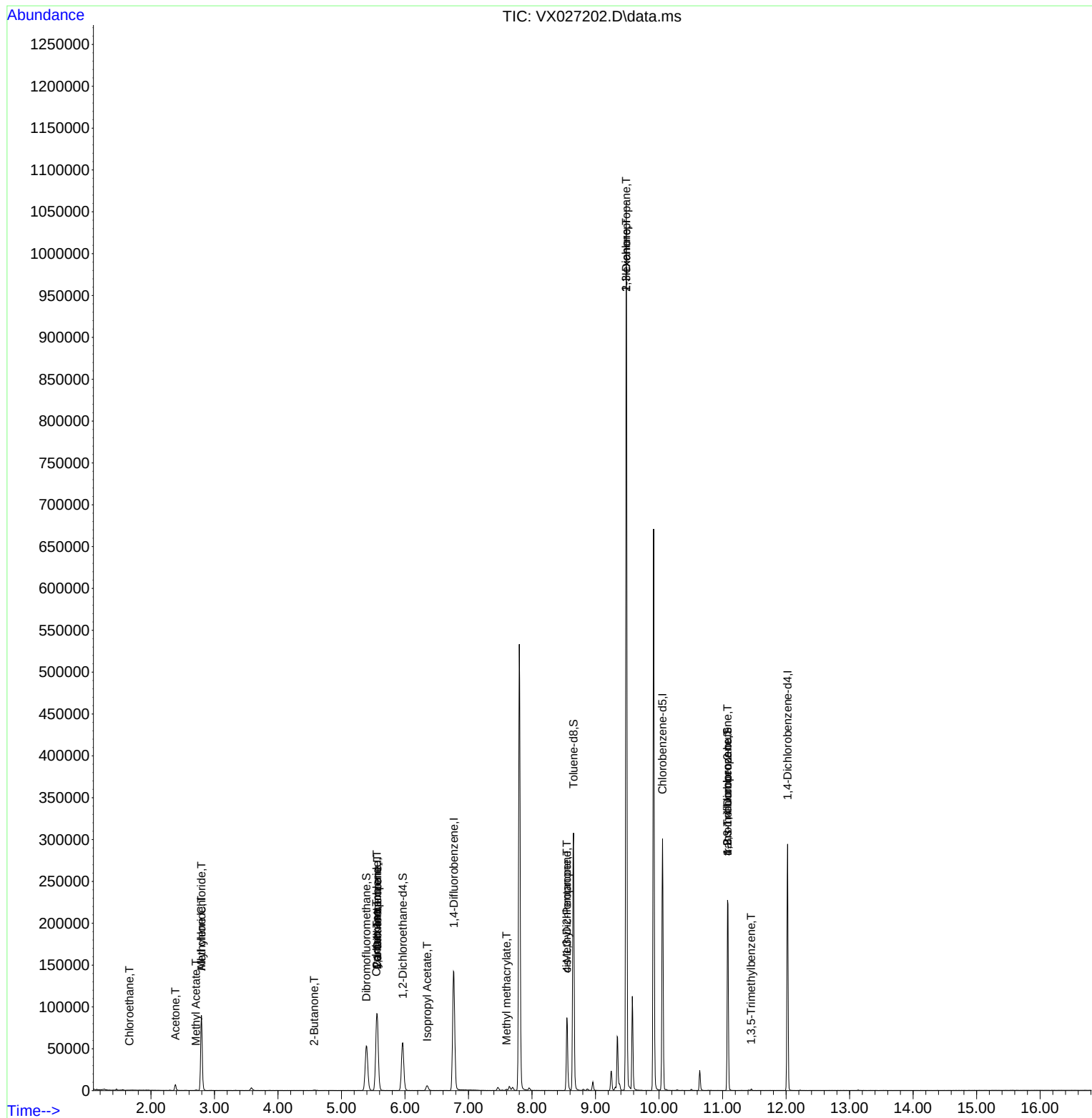
Internal Standards						
1) Pentafluorobenzene	5.562	168	90705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	151073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55490	50.938	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.880%
35) Dibromofluoromethane	5.391	113	47725	50.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	8.653	98	181920	51.884	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.760%
62) 4-Bromofluorobenzene	11.079	95	63917	47.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.980%
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	109	0.211	ug/l #	43
14) Allyl chloride	2.794	41	1517	0.976	ug/l #	25
16) Acetone	2.386	43	7496	15.672	ug/l	94
18) Methyl Acetate	2.709	43	779	0.631	ug/l #	89
20) Methylene Chloride	2.794	84	40157	40.507	ug/l	93
25) 2-Butanone	4.568	43	523	0.687	ug/l	91
31) Cyclohexane	5.550	56	1637	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6476	4.732	ug/l #	52
38) Carbon Tetrachloride	5.556	117	9040	6.333	ug/l #	17
43) Isopropyl Acetate	6.348	43	8064	3.489	ug/l	98
48) Methyl methacrylate	7.598	41	2331	2.083	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	29595	19.698	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	14045	9.178	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	9208	5.454	ug/l #	43
59) 2-Hexanone	9.482	43	123288	107.367	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	30545	24.731	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	1080	0.293	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	30545	70.097	ug/l #	3

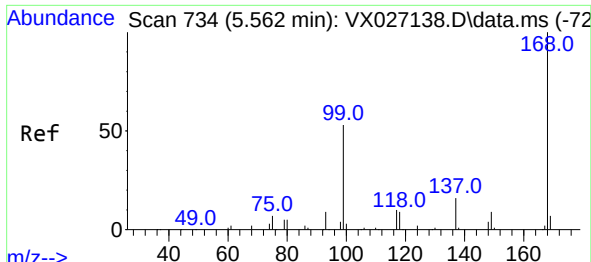
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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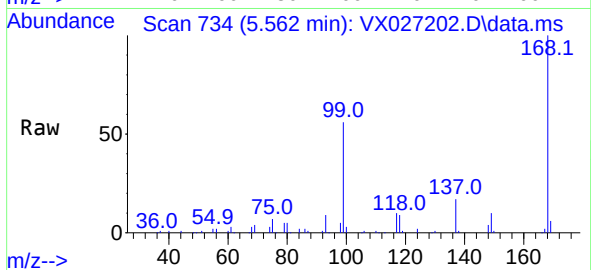
Quant Time: Feb 25 23:20:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
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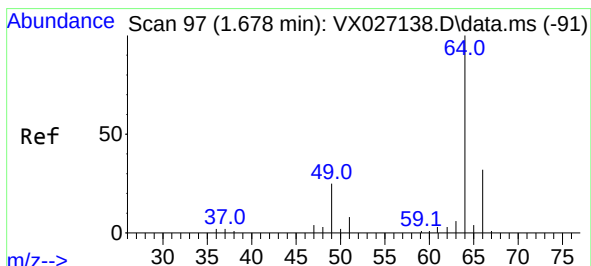
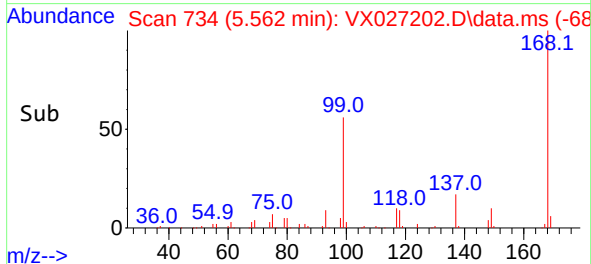
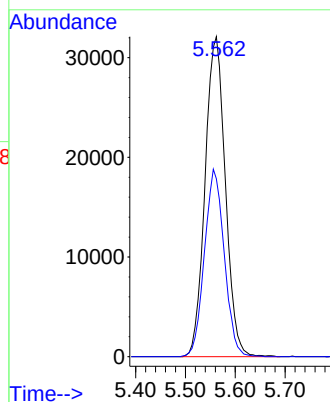


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#07

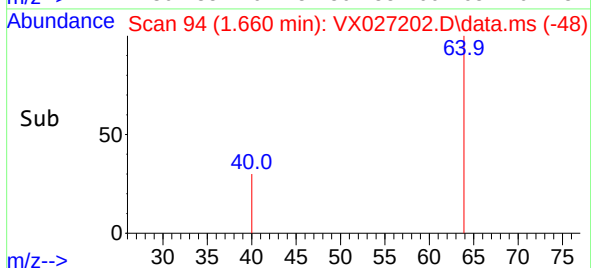
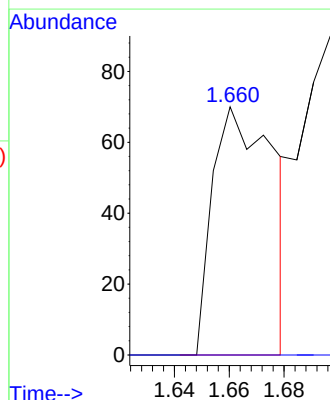
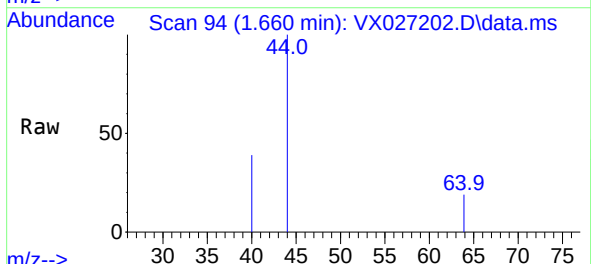


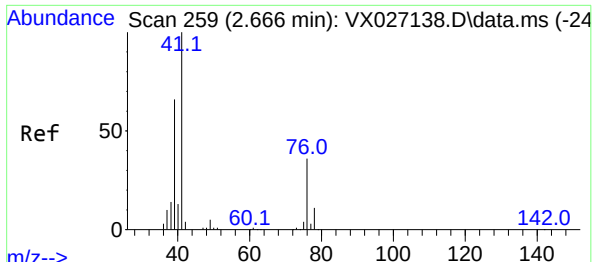
Tgt Ion:168 Resp: 90705
Ion Ratio Lower Upper
168 100
99 55.6 50.3 75.5



#6
Chloroethane
Concen: 0.211 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

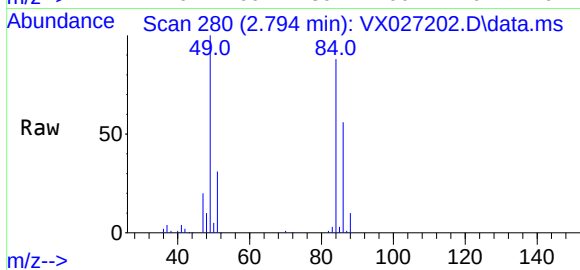
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



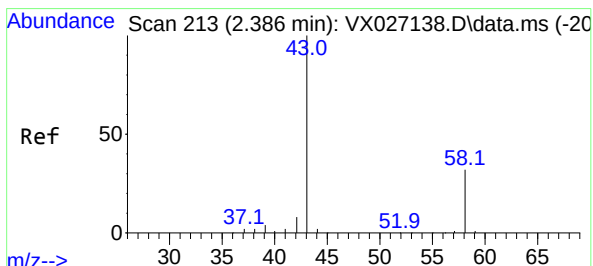
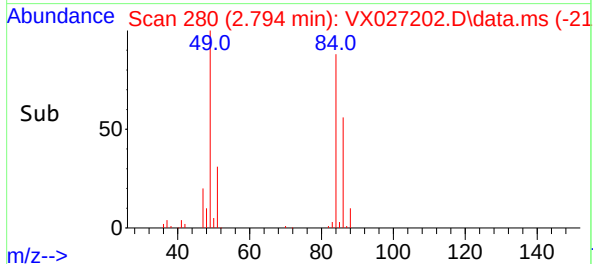
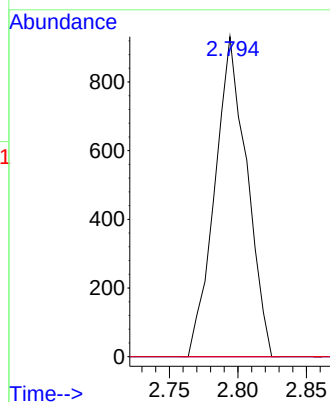


#14
 Allyl chloride
 Concen: 0.976 ug/l
 RT: 2.794 min Scan# 214
 Delta R.T. 0.128 min
 Lab File: VX027202.D
 Acq: 25 Feb 2022 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#07

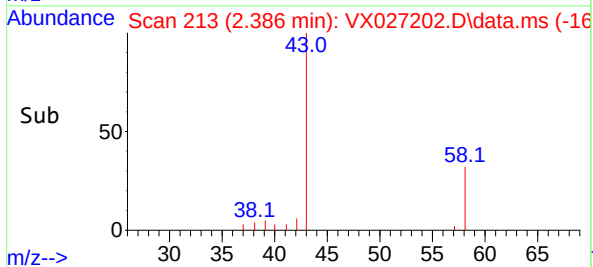
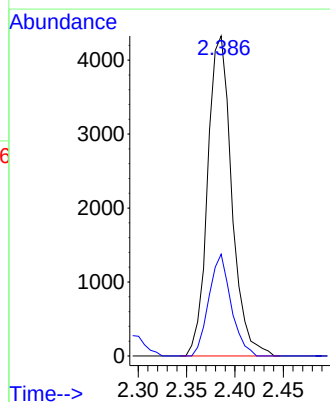
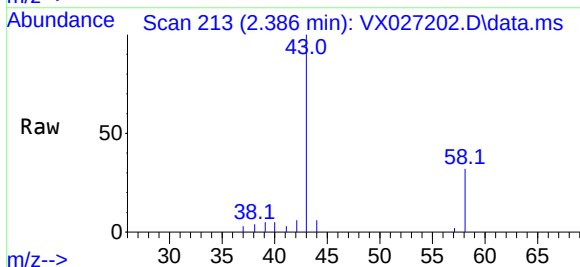


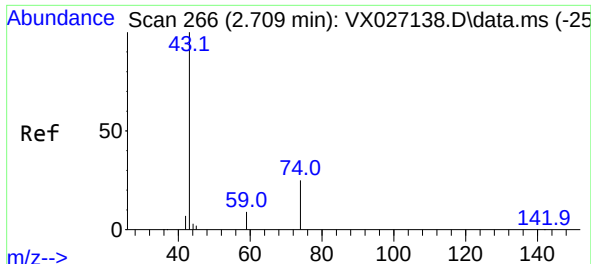
Tgt Ion: 41 Resp: 1517
 Ion Ratio Lower Upper
 41 100
 39 0.0 54.2 81.4#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 15.672 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX027202.D
 Acq: 25 Feb 2022 20:24

Tgt Ion: 43 Resp: 7496
 Ion Ratio Lower Upper
 43 100
 58 31.8 23.0 34.6

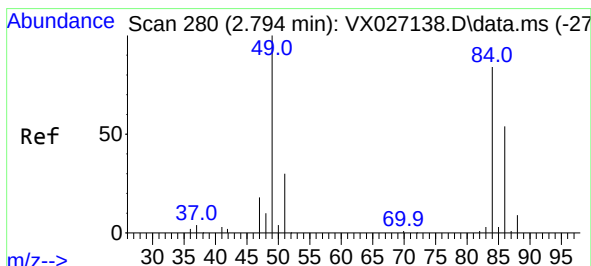
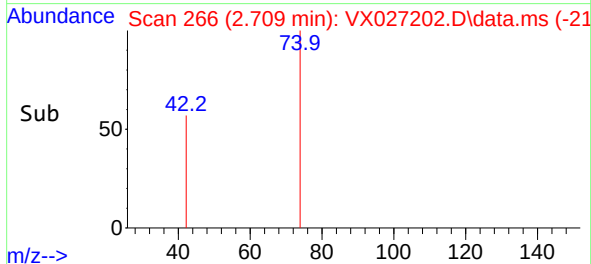
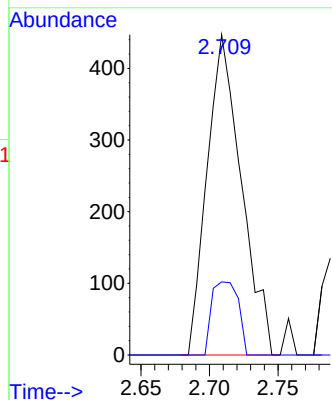
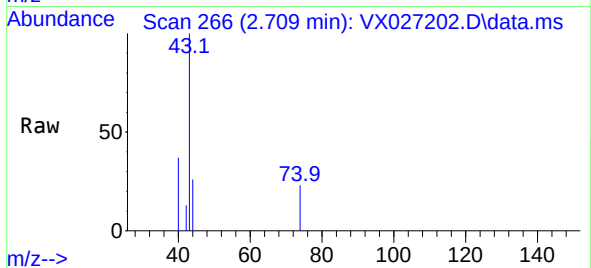




#18
Methyl Acetate
Concen: 0.631 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

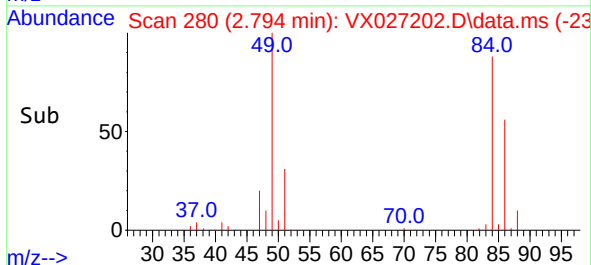
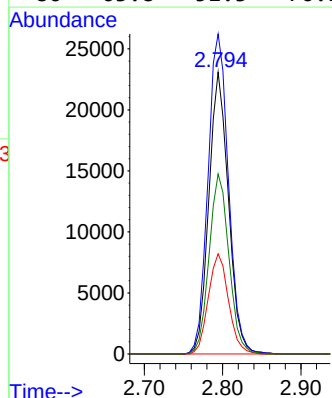
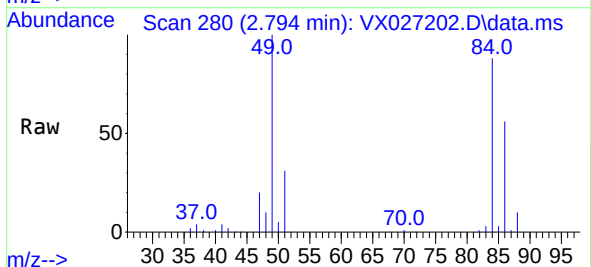
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#07

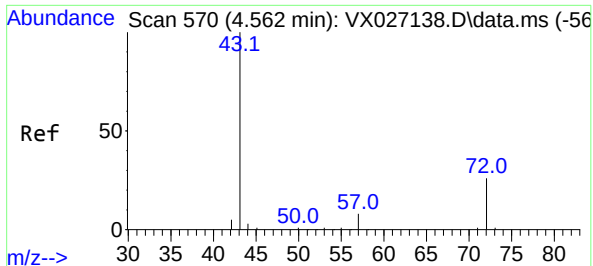
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
74 17.6 18.3 27.5#



#20
Methylene Chloride
Concen: 40.507 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Tgt Ion: 84 Resp: 40157
Ion Ratio Lower Upper
84 100
49 113.5 101.5 152.3
51 35.6 31.2 46.8
86 63.8 51.3 76.9





#25

2-Butanone

Concen: 0.687 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027202.D

Acq: 25 Feb 2022 20:24

Instrument :

MSVOA_X

ClientSampleId :

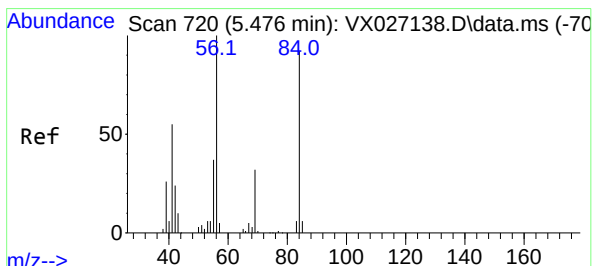
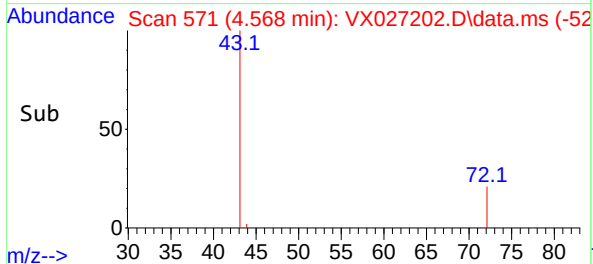
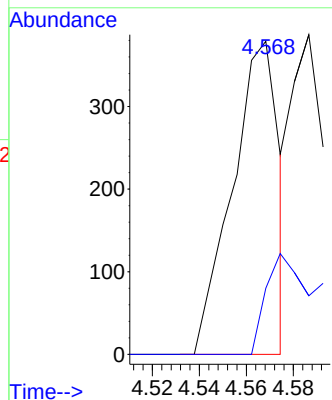
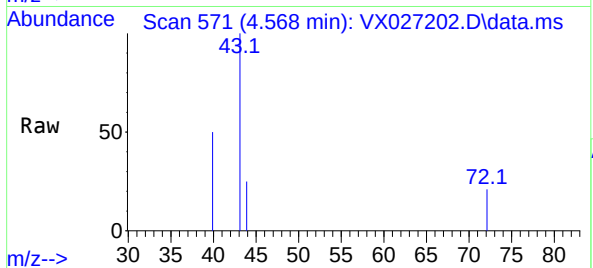
PB142919ZHE#07

Tgt Ion: 43 Resp: 523

Ion Ratio Lower Upper

43 100

72 21.1 20.4 30.6



#31

Cyclohexane

Concen: 1.003 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.074 min

Lab File: VX027202.D

Acq: 25 Feb 2022 20:24

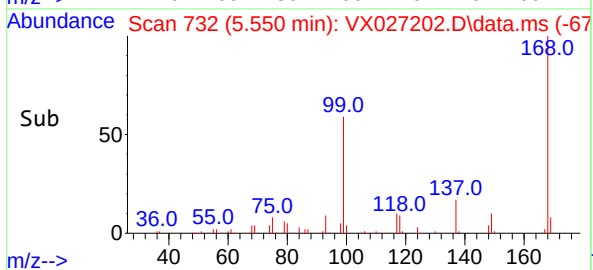
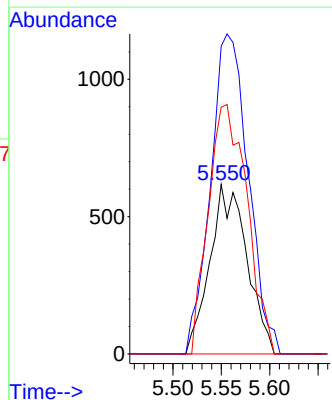
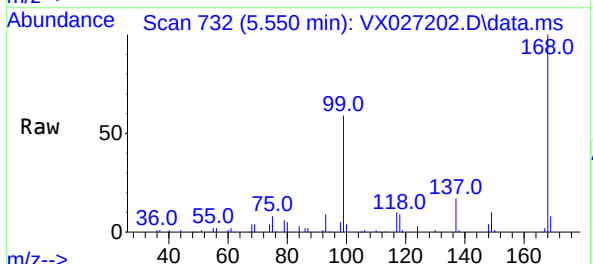
Tgt Ion: 56 Resp: 1637

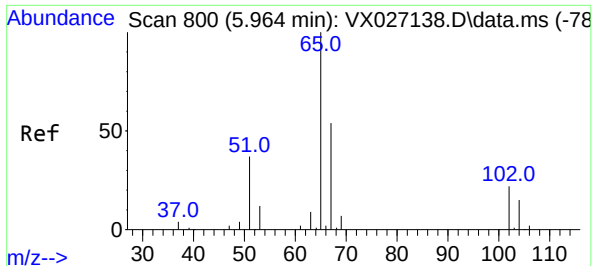
Ion Ratio Lower Upper

56 100

69 181.5 25.8 38.6#

84 145.5 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.938 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027202.D

Acq: 25 Feb 2022 20:24

Instrument :

MSVOA_X

ClientSampleId :

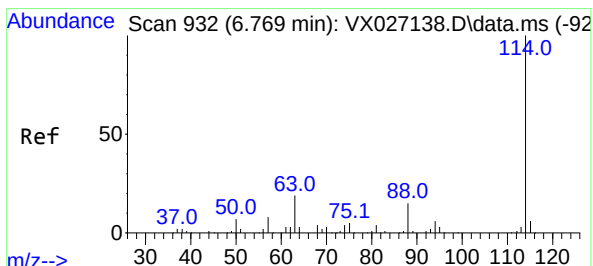
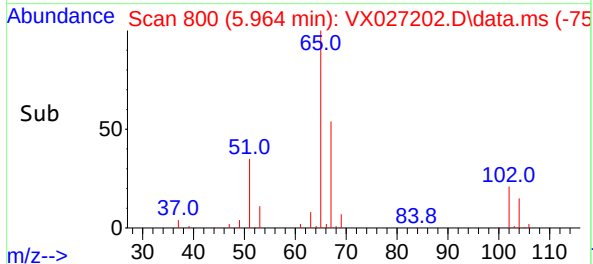
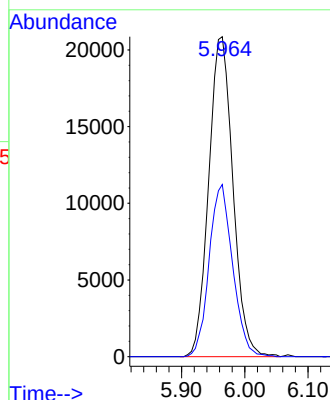
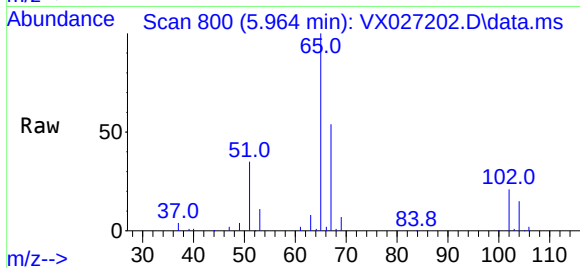
PB142919ZHE#07

Tgt Ion: 65 Resp: 55490

Ion Ratio Lower Upper

65 100

67 52.2 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: VX027202.D

Acq: 25 Feb 2022 20:24

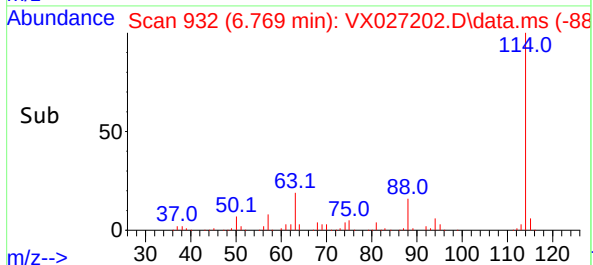
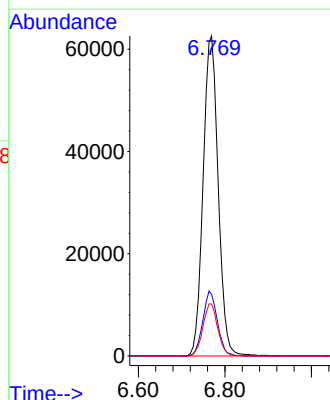
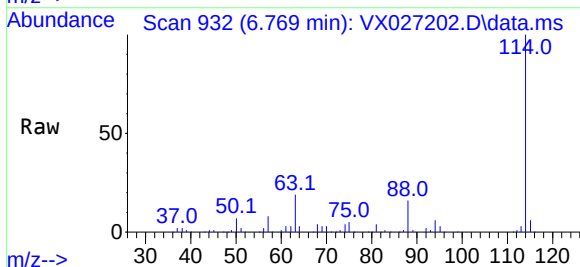
Tgt Ion: 114 Resp: 151073

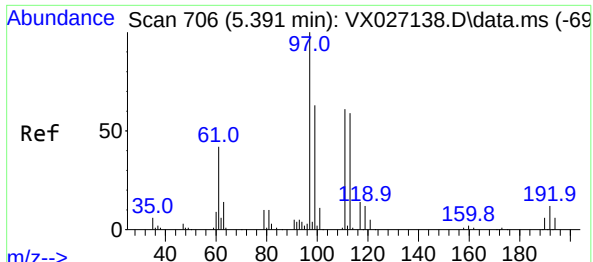
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

88 16.3 0.0 33.0

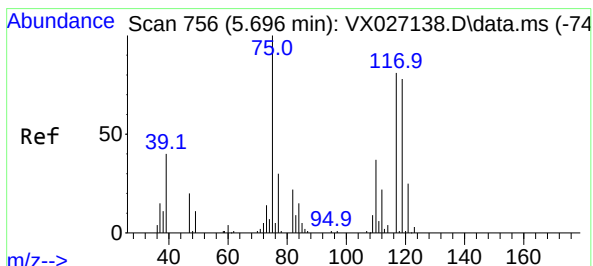
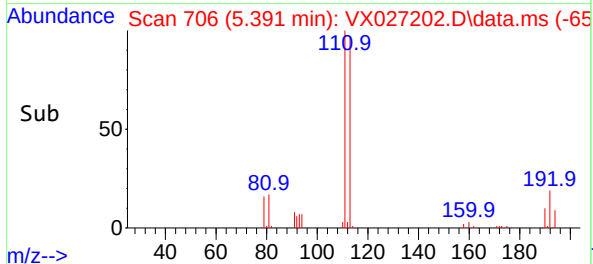
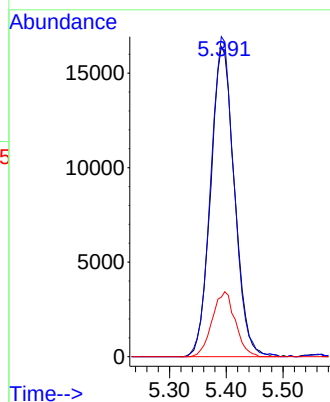
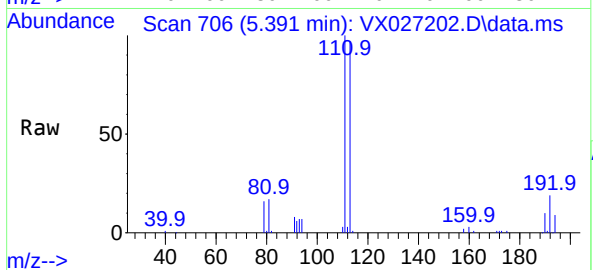




#35
Dibromofluoromethane
Concen: 50.894 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

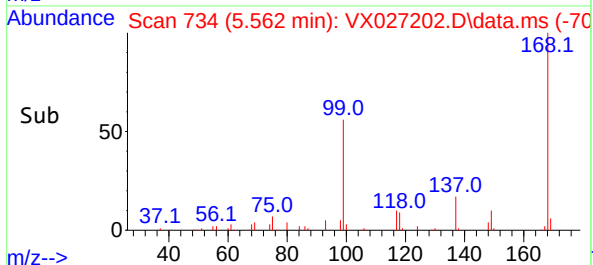
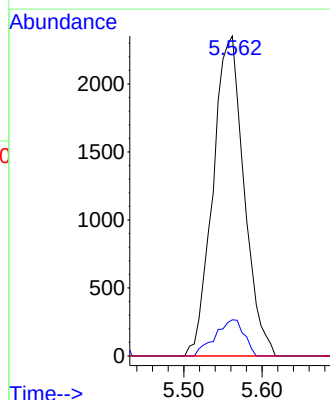
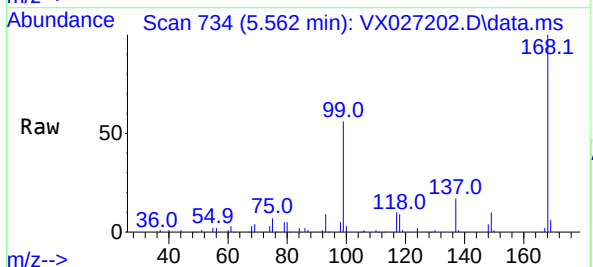
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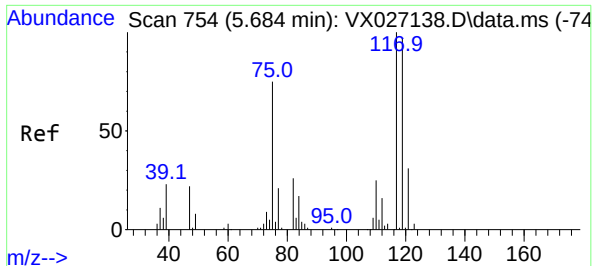
Tgt Ion:113 Resp: 47725
Ion Ratio Lower Upper
113 100
111 101.2 81.2 121.8
192 20.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Tgt Ion: 75 Resp: 6476
Ion Ratio Lower Upper
75 100
110 10.5 17.2 51.6#
77 0.0 24.6 36.8#

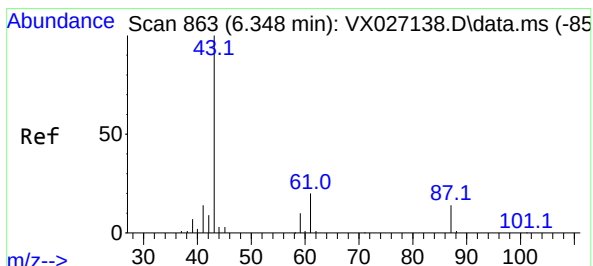
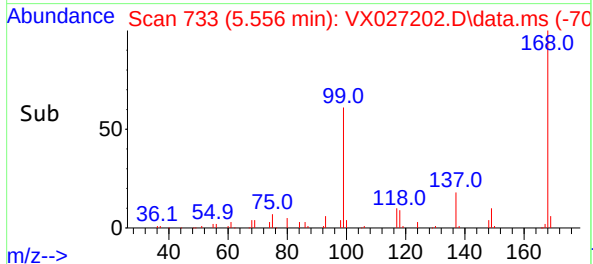
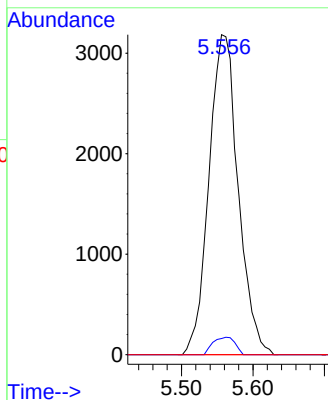
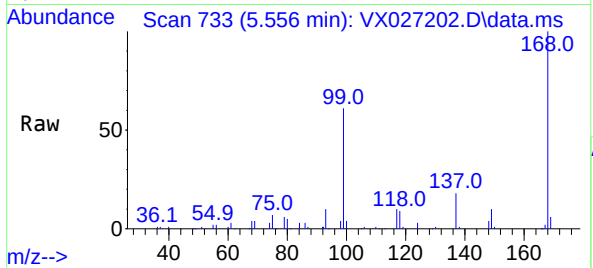




#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

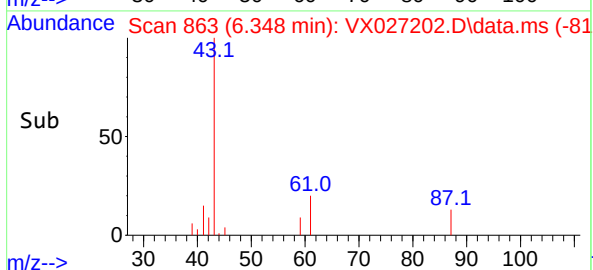
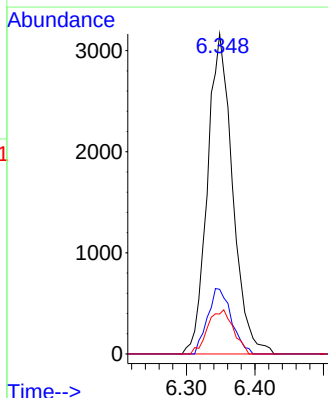
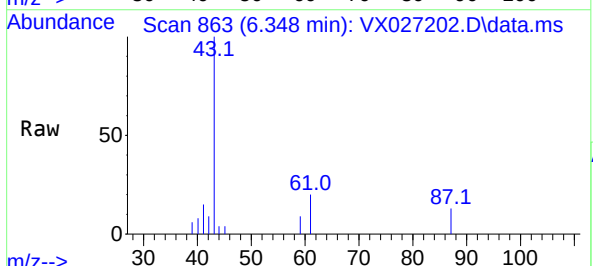
Instrument :
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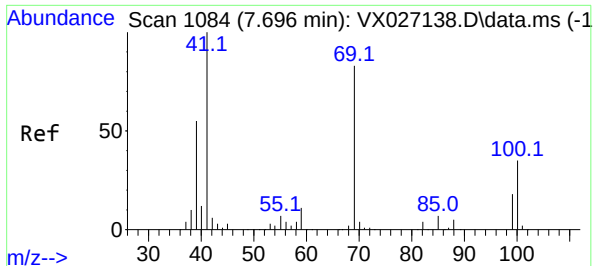
Tgt Ion:117 Resp: 9040
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.489 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Tgt Ion: 43 Resp: 8064
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 14.1 10.2 15.2





#48

Methyl methacrylate

Concen: 2.083 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX027202.D

Acq: 25 Feb 2022 20:24

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#07

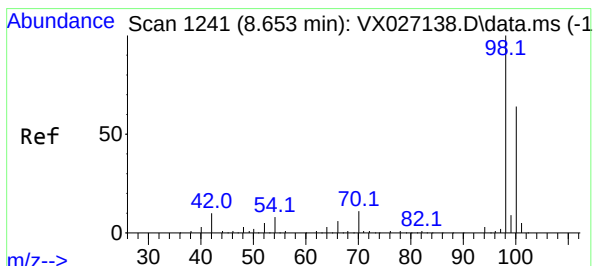
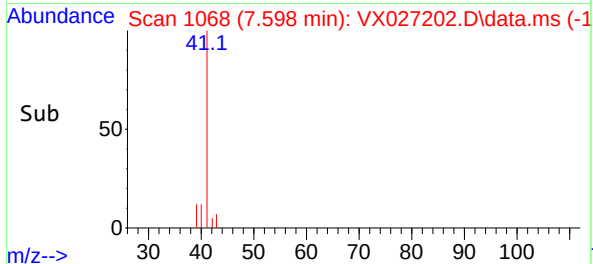
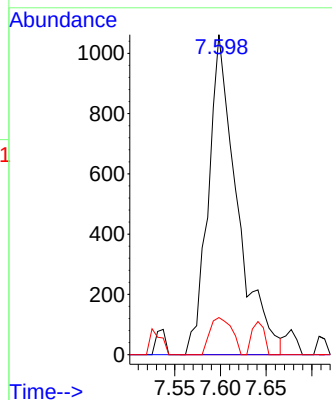
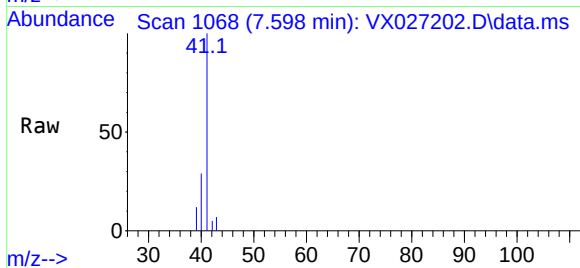
Tgt Ion: 41 Resp: 2331

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#50

Toluene-d8

Concen: 51.884 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027202.D

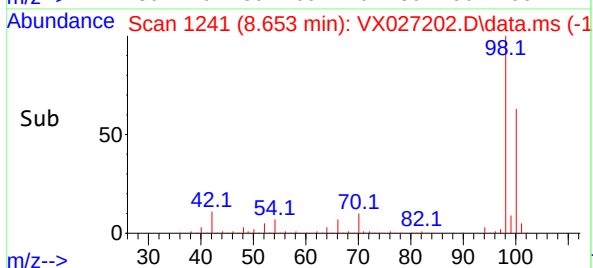
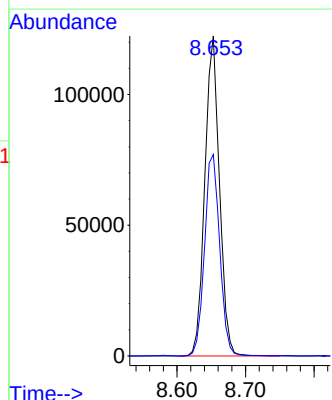
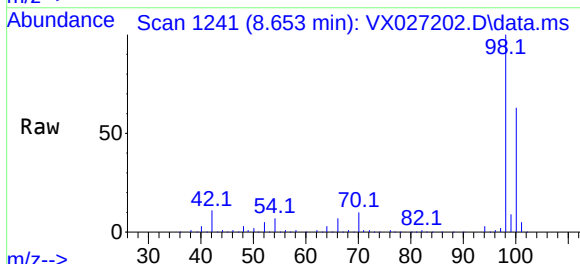
Acq: 25 Feb 2022 20:24

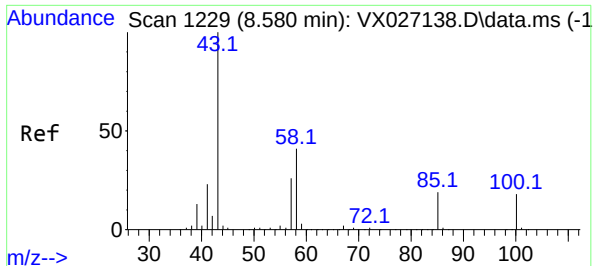
Tgt Ion: 98 Resp: 181920

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8

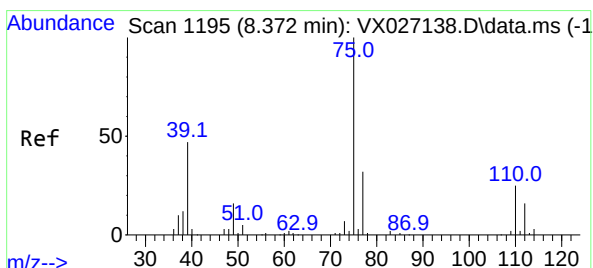
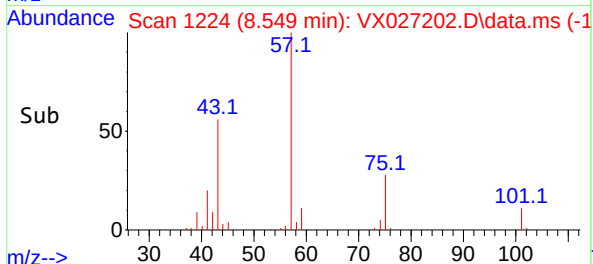
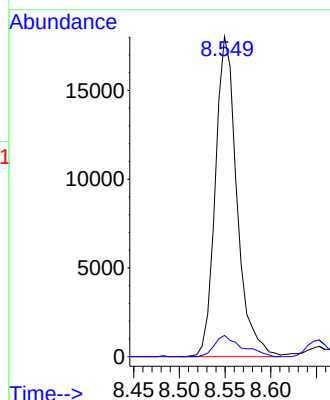
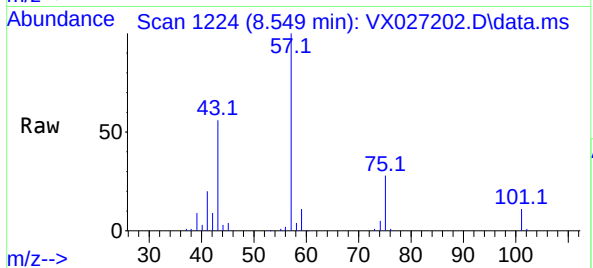




#51
4-Methyl-2-Pentanone
Concen: 19.698 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

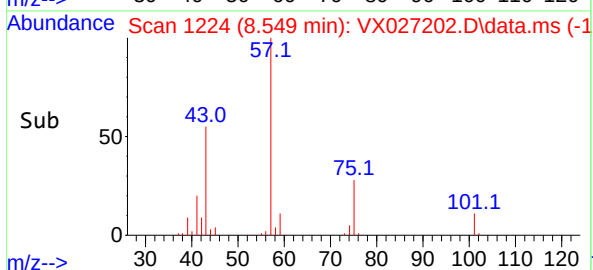
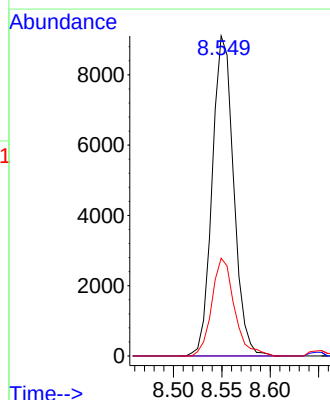
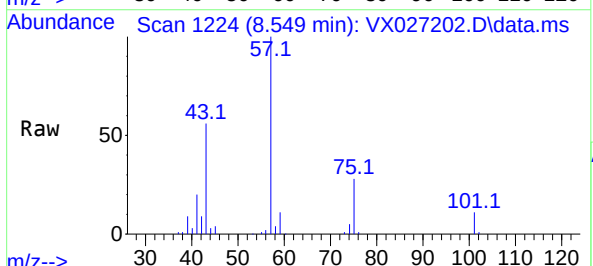
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#07

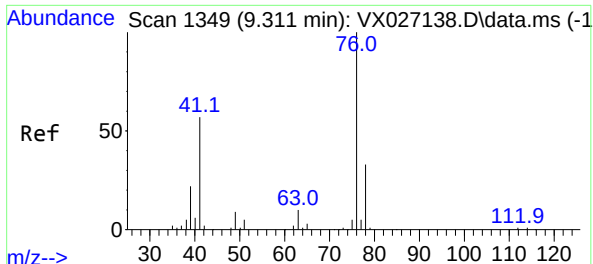
Tgt Ion: 43 Resp: 29595
Ion Ratio Lower Upper
43 100
58 8.4 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 9.178 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Tgt Ion: 75 Resp: 14045
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 30.6 43.5 65.3#

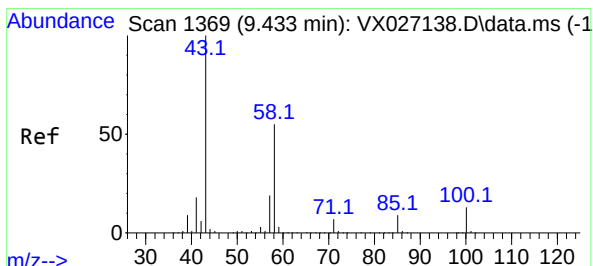
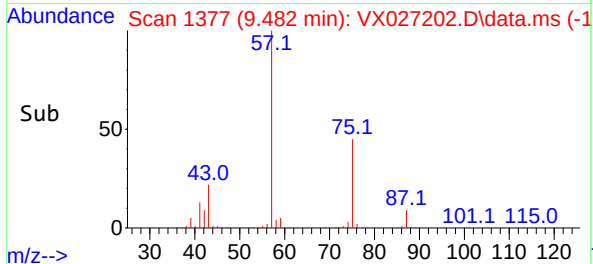
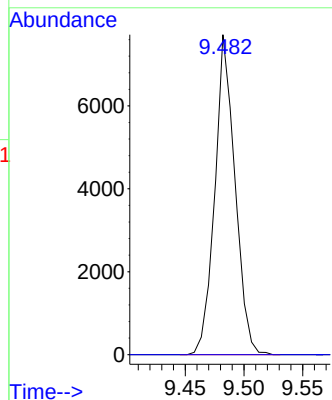
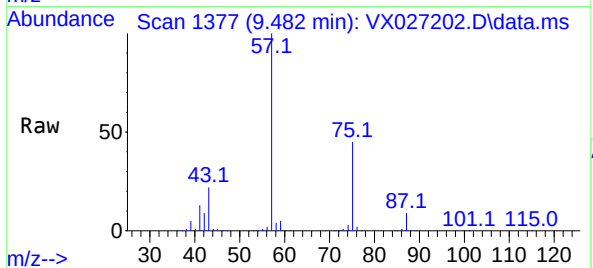




#57
1,3-Dichloropropane
Concen: 5.454 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

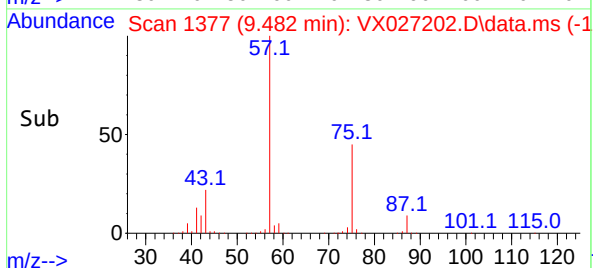
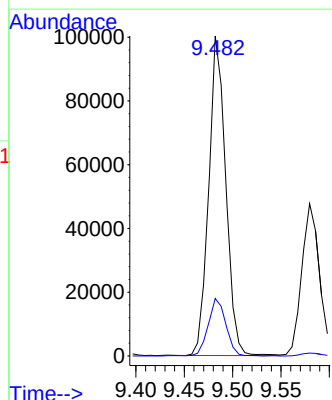
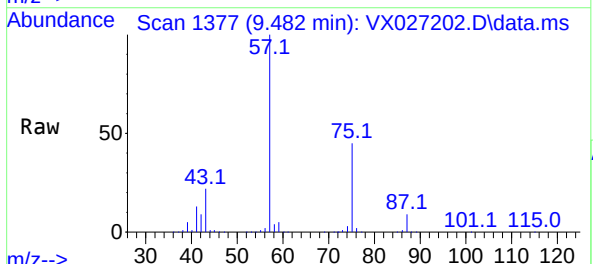
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#07

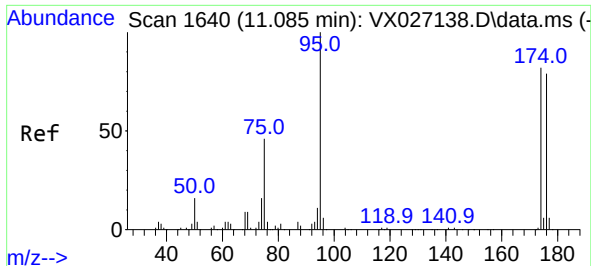
Tgt Ion: 76 Resp: 9208
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 107.367 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Tgt Ion: 43 Resp: 123288
Ion Ratio Lower Upper
43 100
58 18.7 26.4 79.2#

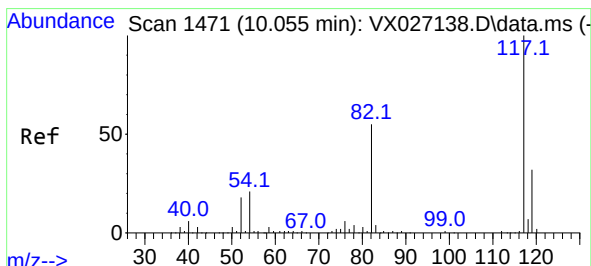
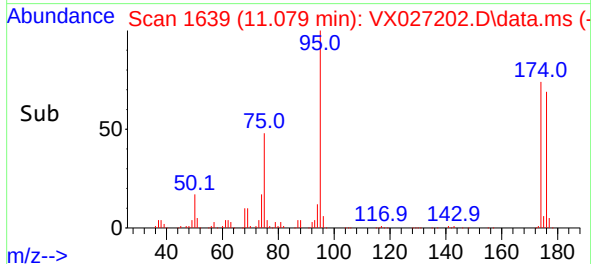
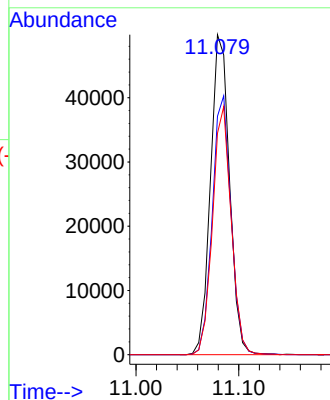
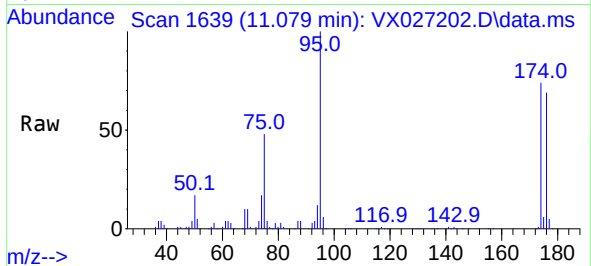




#62
4-Bromofluorobenzene
Concen: 47.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

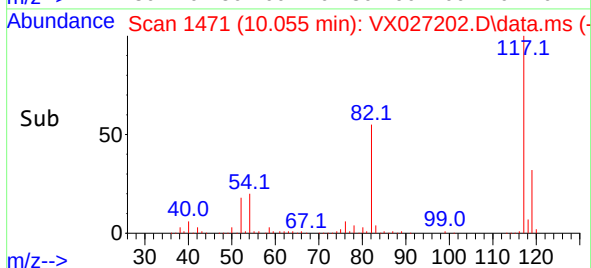
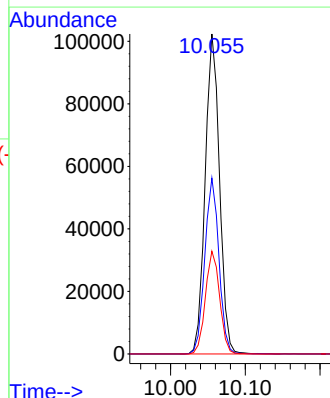
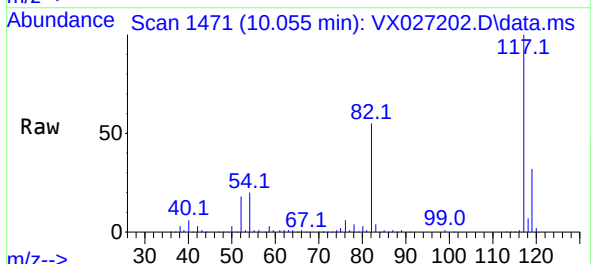
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#07

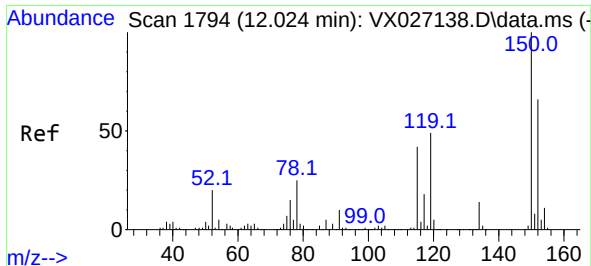
Tgt Ion: 95 Resp: 63917
Ion Ratio Lower Upper
95 100
174 79.9 0.0 148.6
176 76.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Tgt Ion: 117 Resp: 136147
Ion Ratio Lower Upper
117 100
82 55.0 45.2 67.8
119 32.1 26.2 39.2

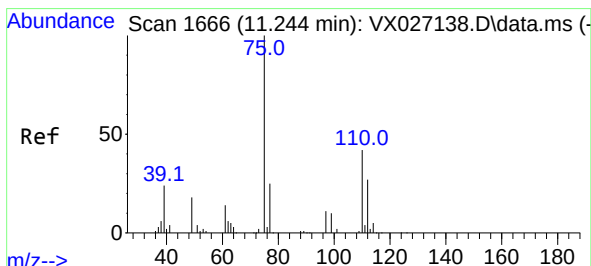
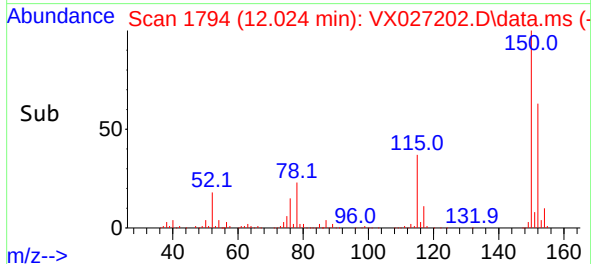
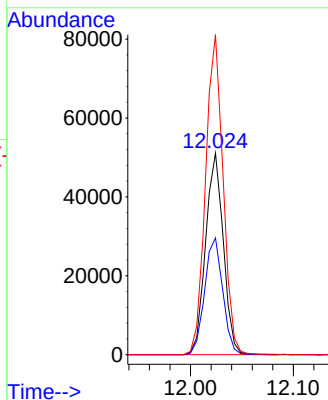
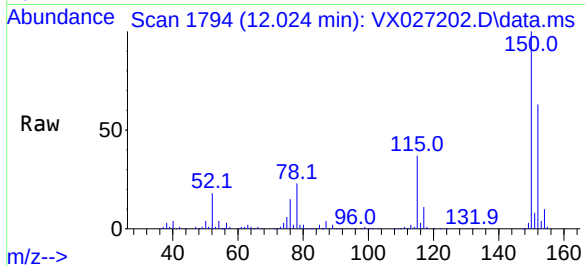




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

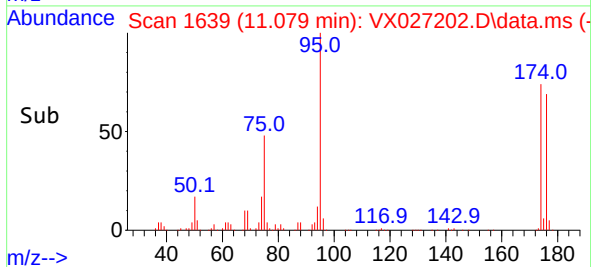
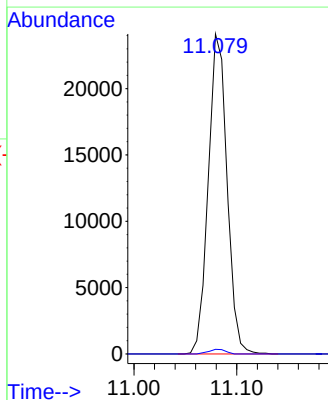
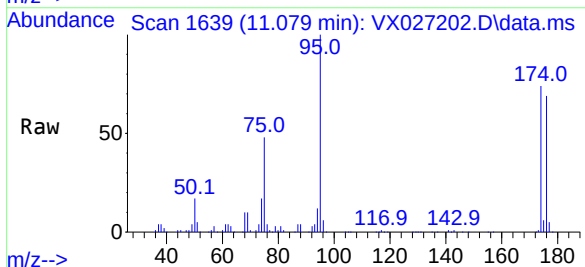
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#07

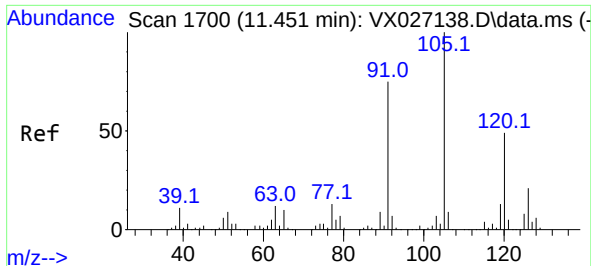
Tgt Ion:152 Resp: 61317
Ion Ratio Lower Upper
152 100
115 59.1 44.2 132.6
150 157.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Tgt Ion: 75 Resp: 30545
Ion Ratio Lower Upper
75 100
77 1.3 18.3 54.8#

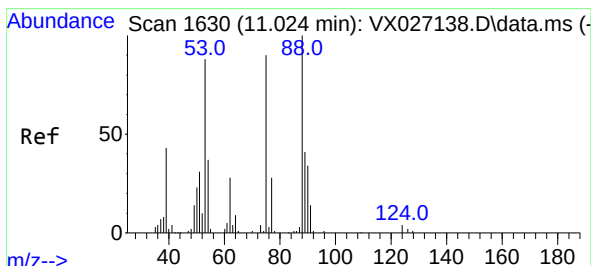
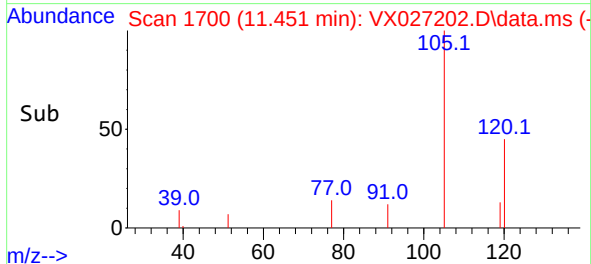
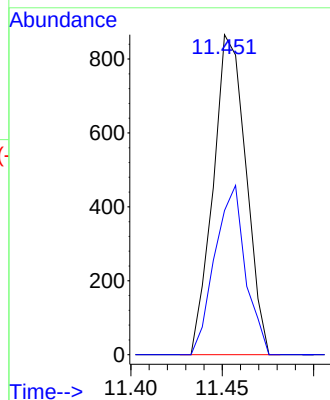
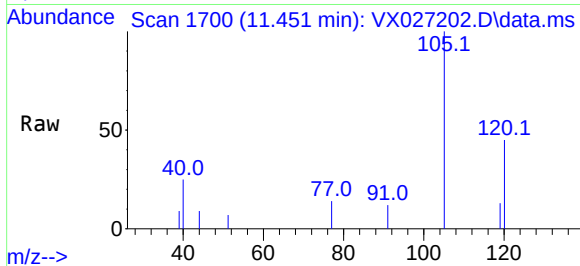




#80
1,3,5-Trimethylbenzene
Concen: 0.293 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#07

Tgt Ion:105 Resp: 1080
Ion Ratio Lower Upper
105 100
120 49.4 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 70.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027202.D
Acq: 25 Feb 2022 20:24

Tgt Ion: 75 Resp: 30545
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

