

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027604.D
 Acq On : 21 Mar 2022 22:20
 Operator : JC/MD
 Sample : N2000-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 22 05:52:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

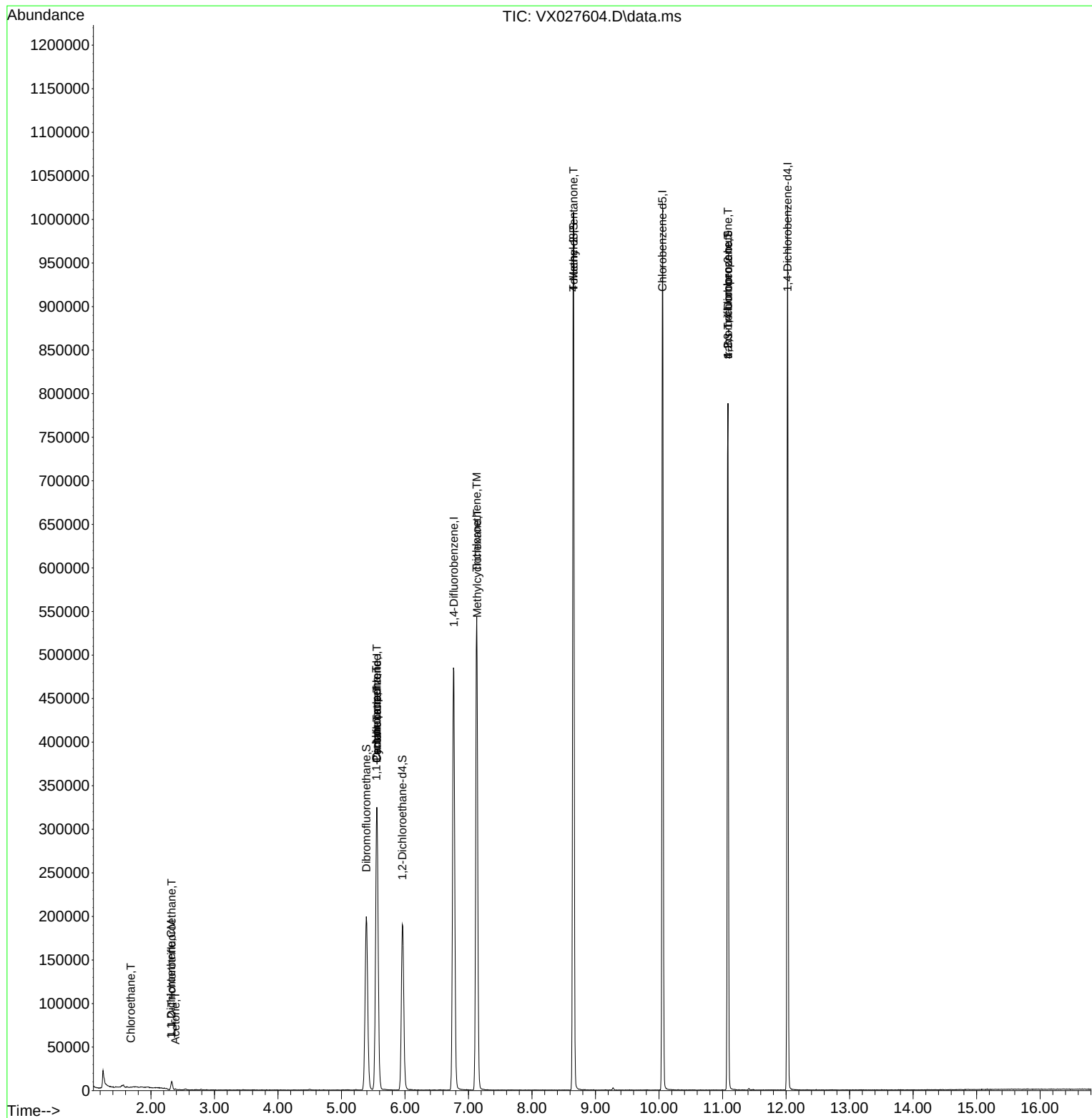
Internal Standards						
1) Pentafluorobenzene	5.556	168	326495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	534907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185284	46.067	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.140%
35) Dibromofluoromethane	5.391	113	178586	51.892	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.780%
50) Toluene-d8	8.653	98	628152	48.234	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.085	95	217685	45.477	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	469	Below Cal		88
6) Chloroethane	1.685	64	770	0.390 ug/l	#	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	3259	1.031 ug/l		97
12) 1,1-Dichloroethene	2.319	96	838	0.276 ug/l	#	94
16) Acetone	2.386	43	1040	0.634 ug/l		98
31) Cyclohexane	5.556	56	5236	1.048 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	21908	4.658 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	31477	5.850 ug/l	#	15
39) Methylcyclohexane	7.135	83	2384	0.403 ug/l	#	1
44) Trichloroethene	7.129	130	227576	55.562 ug/l		100
51) 4-Methyl-2-Pentanone	8.653	43	2197	0.456 ug/l	#	1
76) 1,2,3-Trichloropropane	11.085	75	101425	22.417 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	101425	68.082 ug/l	#	15

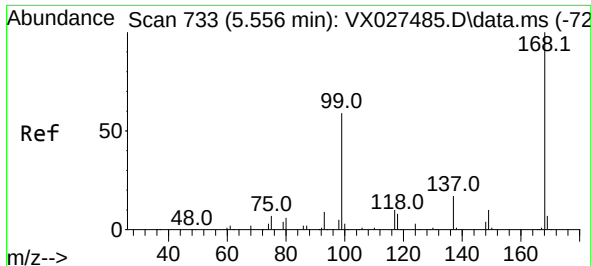
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX027604.D

Acq: 21 Mar 2022 22:20

Instrument :

MSVOA_X

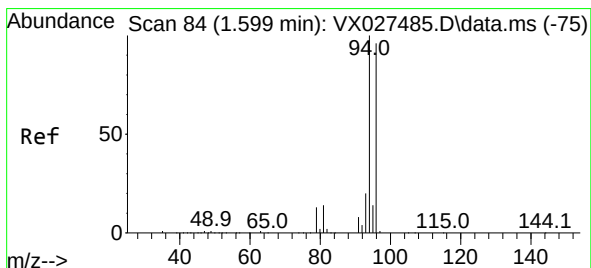
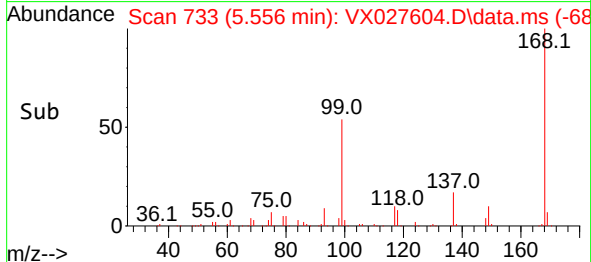
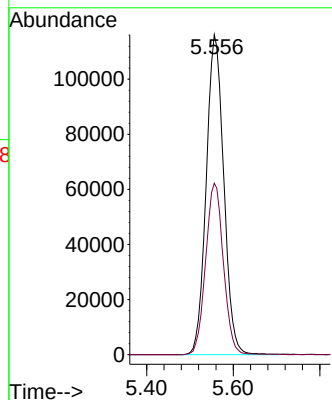
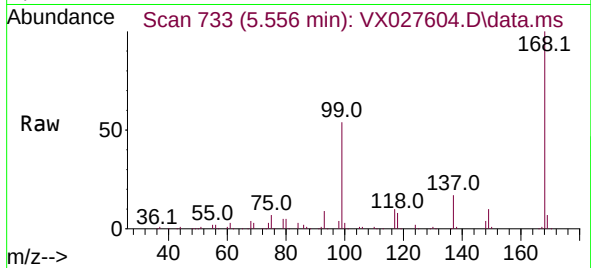
ClientSampleId :

Tgt Ion:168 Resp: 326495

Ion Ratio Lower Upper

168 100

99 53.6 41.7 62.5



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 87

Delta R.T. 0.019 min

Lab File: VX027604.D

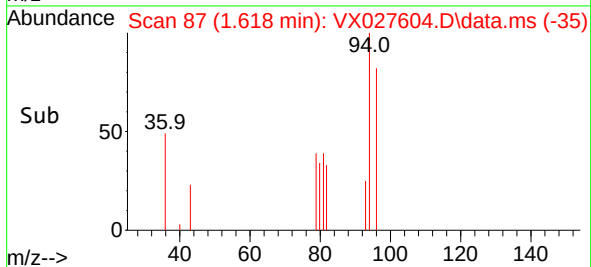
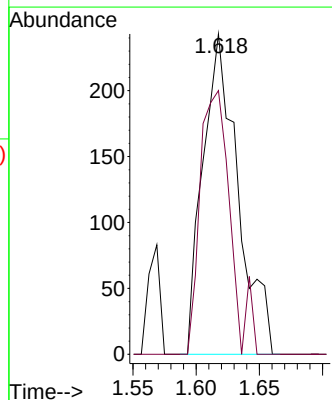
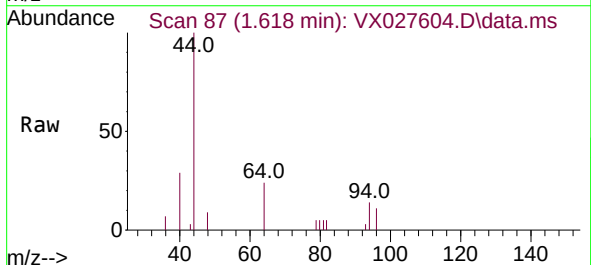
Acq: 21 Mar 2022 22:20

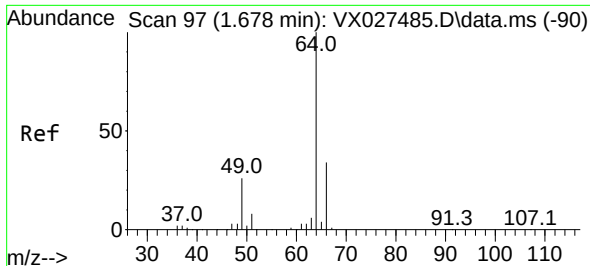
Tgt Ion: 94 Resp: 469

Ion Ratio Lower Upper

94 100

96 82.3 75.3 112.9

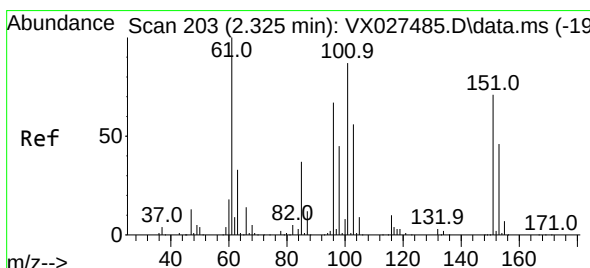
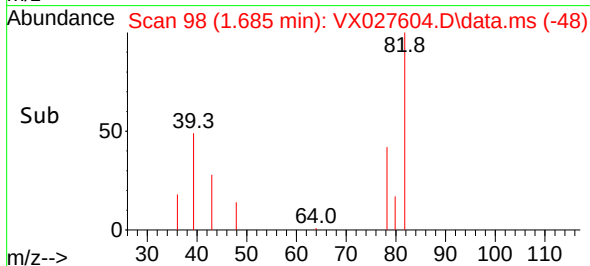
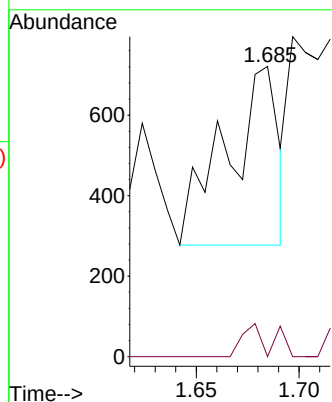
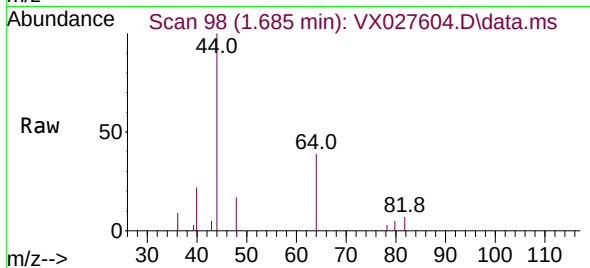




#6
Chloroethane
Concen: 0.390 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

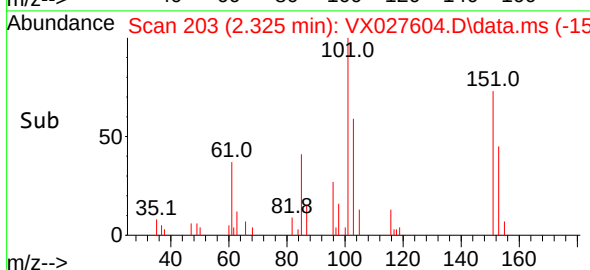
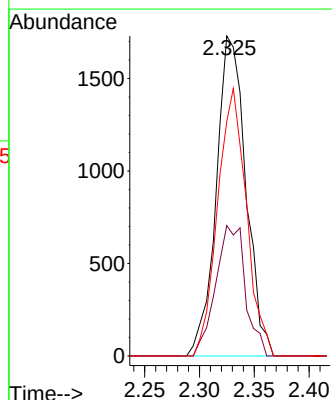
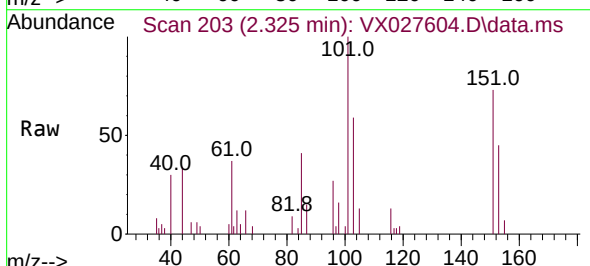
Instrument :
MSVOA_X
ClientSampleId :

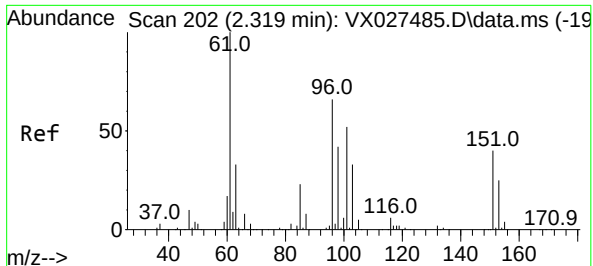
Tgt Ion: 64 Resp: 770
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.031 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

Tgt Ion: 101 Resp: 3259
Ion Ratio Lower Upper
101 100
85 40.9 33.5 50.3
151 81.1 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.276 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

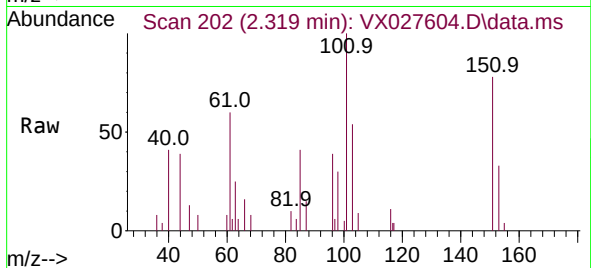
Lab File: VX027604.D

Acq: 21 Mar 2022 22:20

Instrument :

MSVOA_X

ClientSampleId :



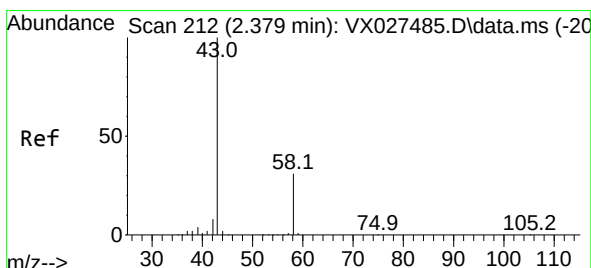
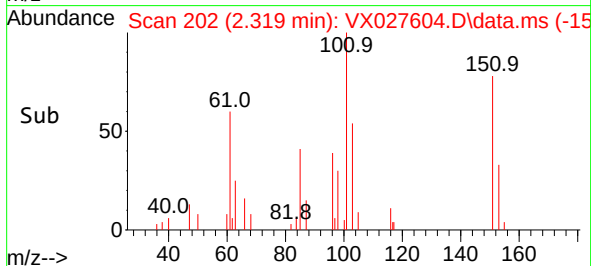
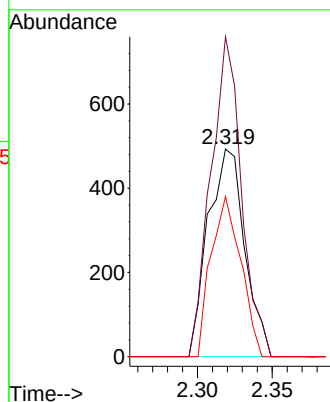
Tgt Ion: 96 Resp: 838

Ion Ratio Lower Upper

96 100

61 154.2 124.6 187.0

98 77.1 51.0 76.4#



#16

Acetone

Concen: 0.634 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027604.D

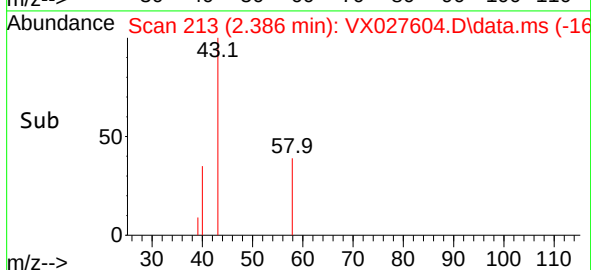
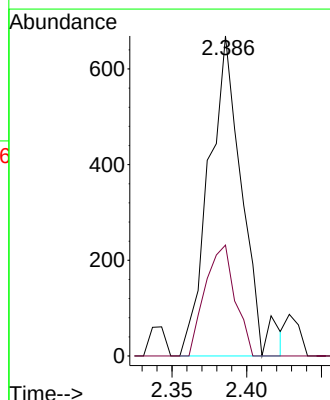
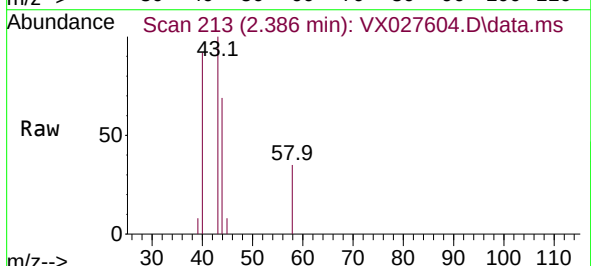
Acq: 21 Mar 2022 22:20

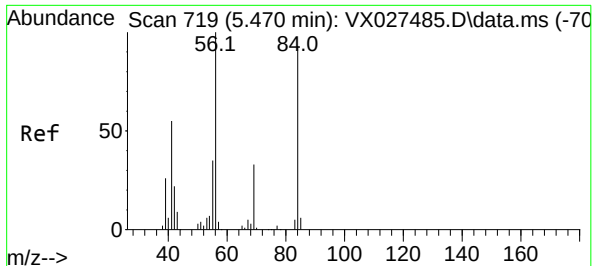
Tgt Ion: 43 Resp: 1040

Ion Ratio Lower Upper

43 100

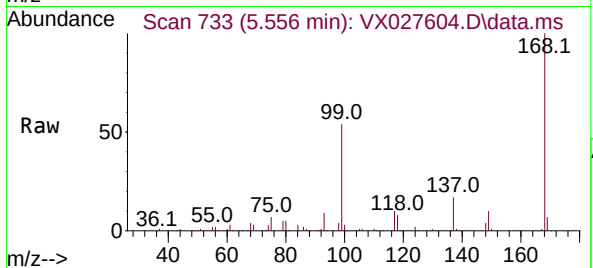
58 34.7 28.8 43.2



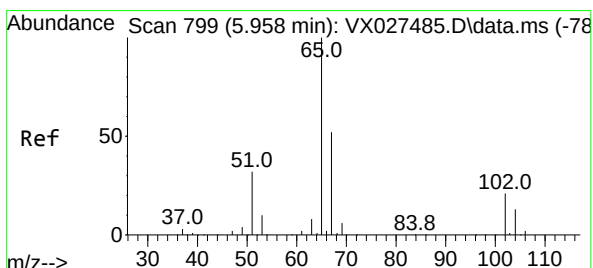
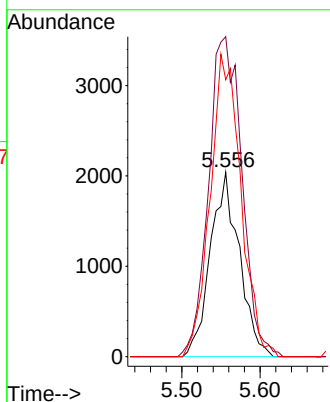
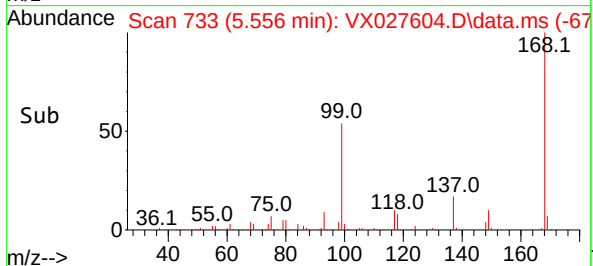


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

Instrument :
MSVOA_X
ClientSampleId :

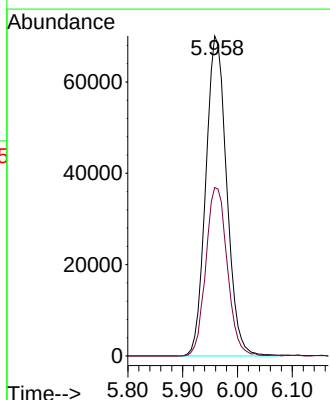
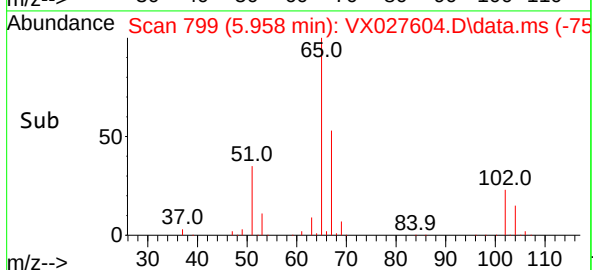
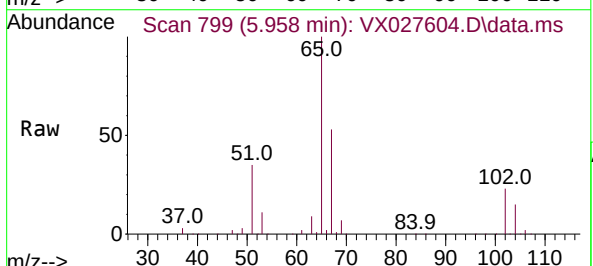


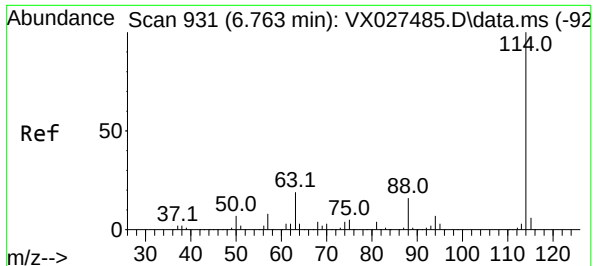
Tgt Ion: 56 Resp: 5236
Ion Ratio Lower Upper
56 100
69 173.5 26.7 40.1#
84 150.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 46.067 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

Tgt Ion: 65 Resp: 185284
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.4

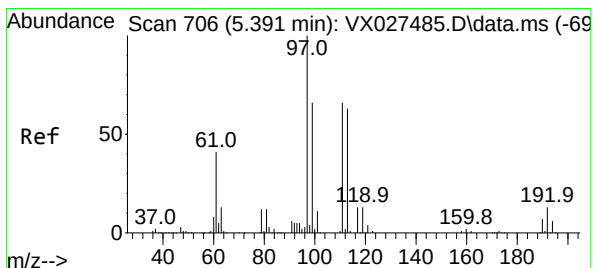
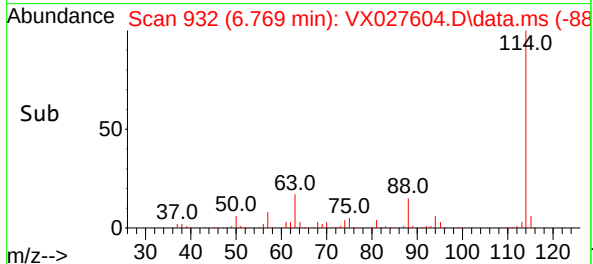
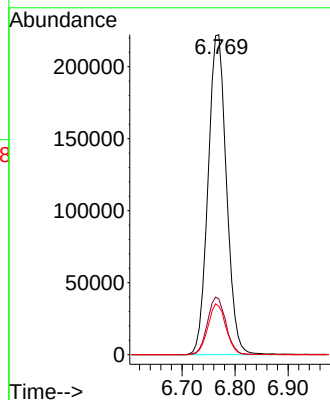
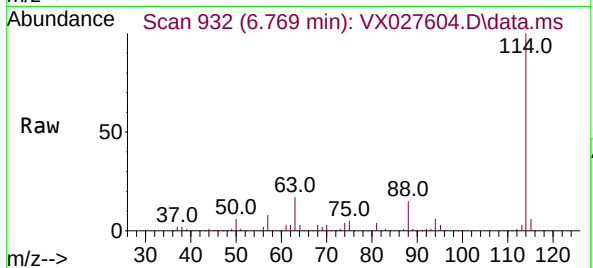




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

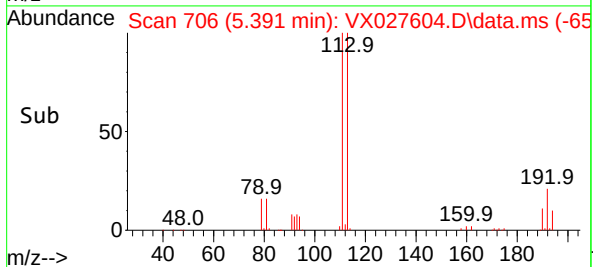
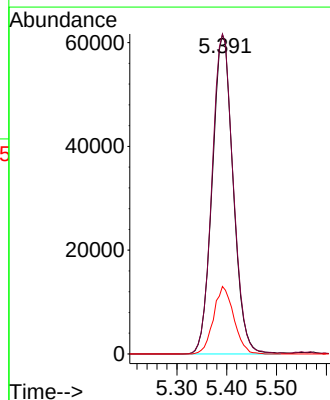
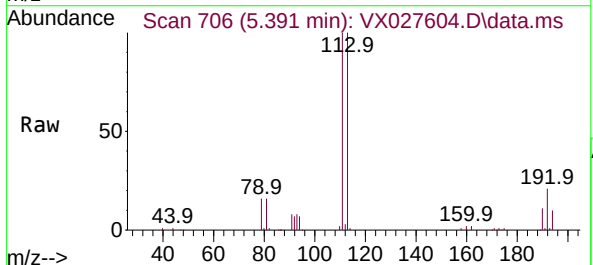
Instrument :
MSVOA_X
ClientSampleId :

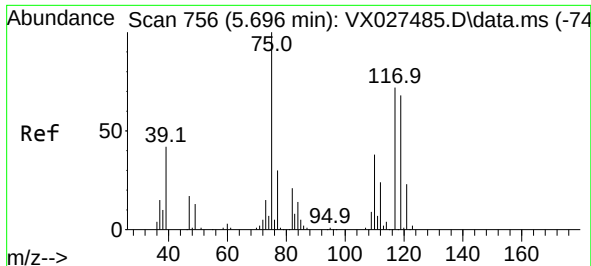
Tgt Ion:114 Resp: 534907
Ion Ratio Lower Upper
114 100
63 17.5 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.892 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

Tgt Ion:113 Resp: 178586
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 20.6 16.9 25.3

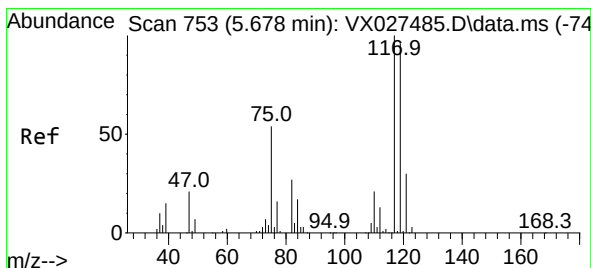
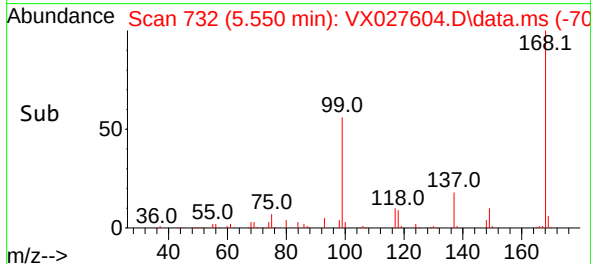
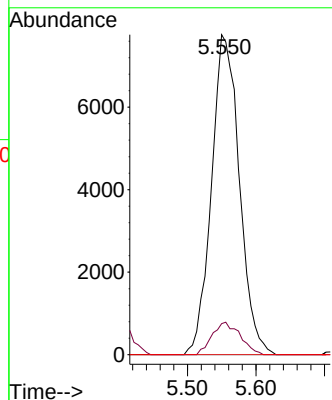
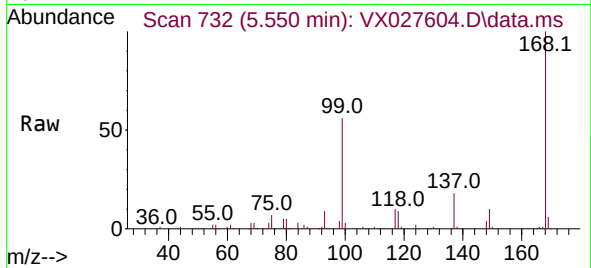




#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

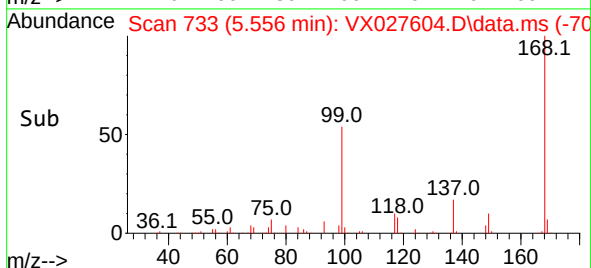
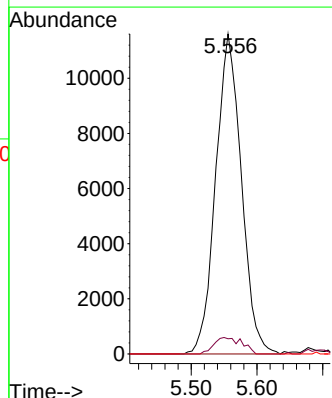
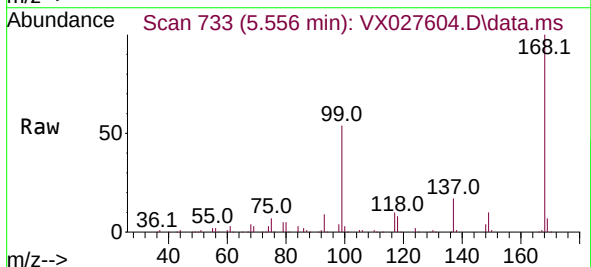
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MSVOA_X
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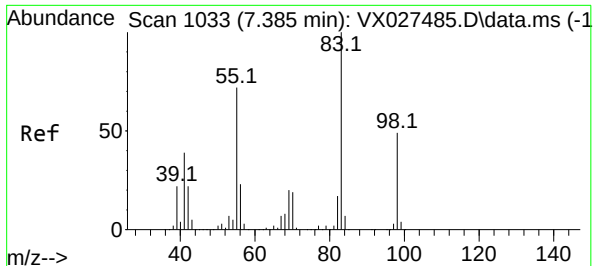
Tgt Ion: 75 Resp: 21908
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

Tgt Ion: 117 Resp: 31477
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.403 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX027604.D

Acq: 21 Mar 2022 22:20

Instrument :

MSVOA_X

ClientSampleId :

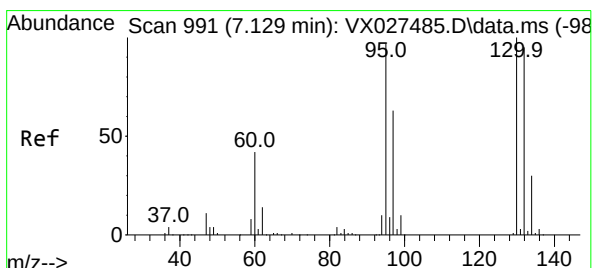
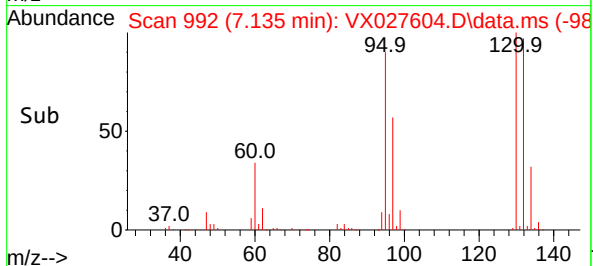
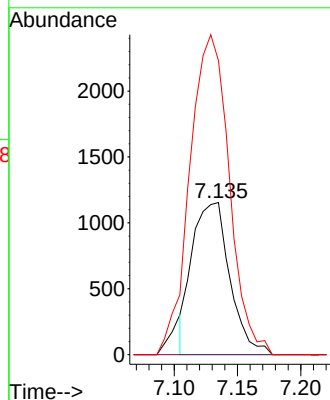
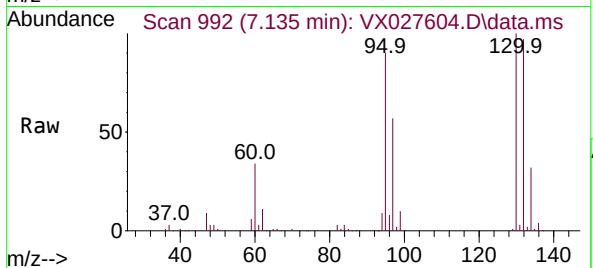
Tgt Ion: 83 Resp: 2384

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 193.3 37.4 56.2#



#44

Trichloroethene

Concen: 55.562 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027604.D

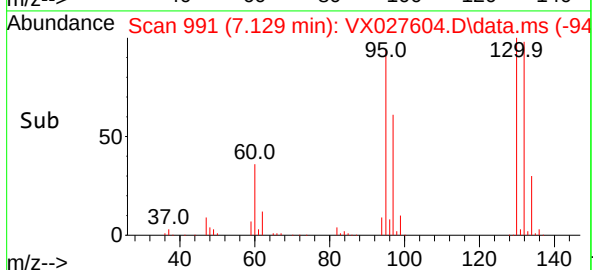
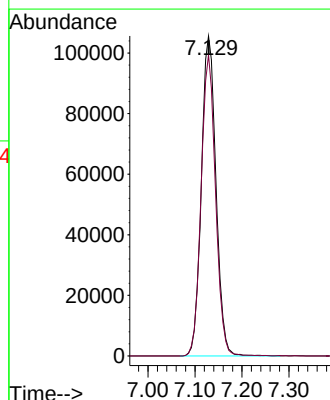
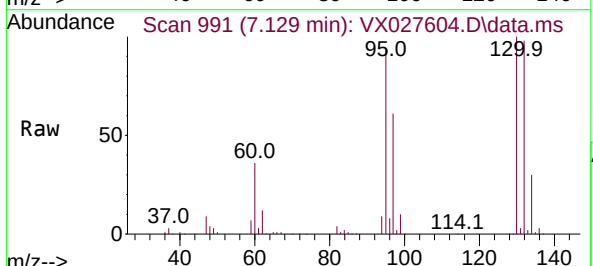
Acq: 21 Mar 2022 22:20

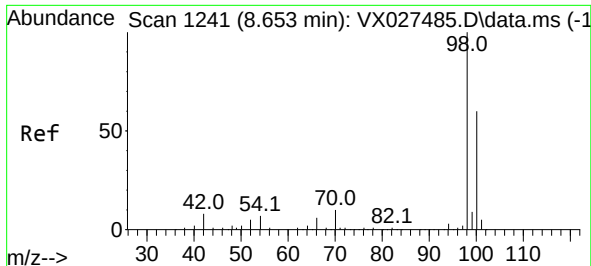
Tgt Ion:130 Resp: 227576

Ion Ratio Lower Upper

130 100

95 94.1 0.0 188.8

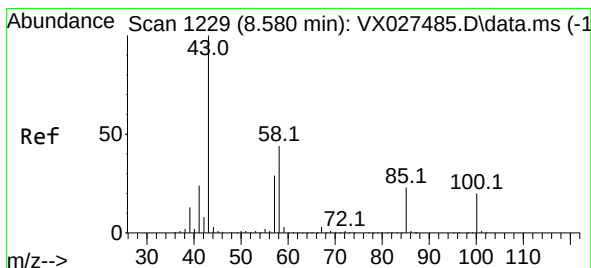
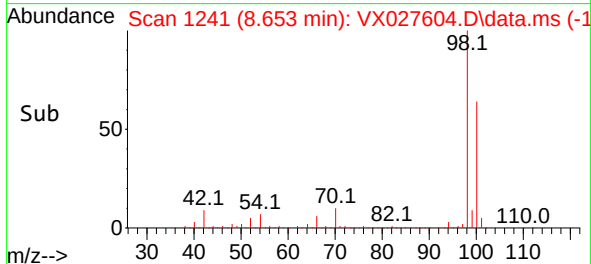
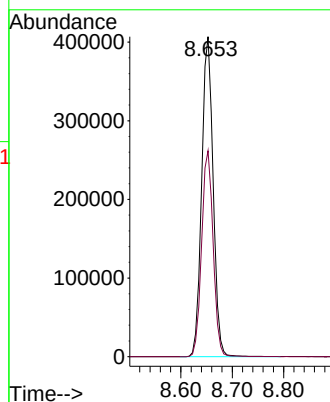
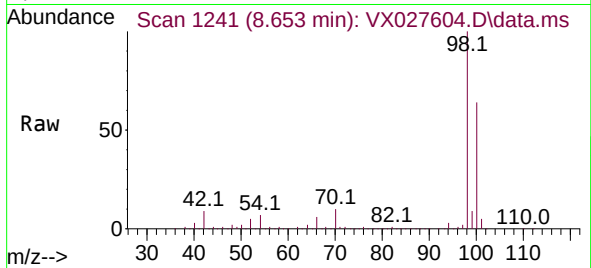




#50
Toluene-d8
Concen: 48.234 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

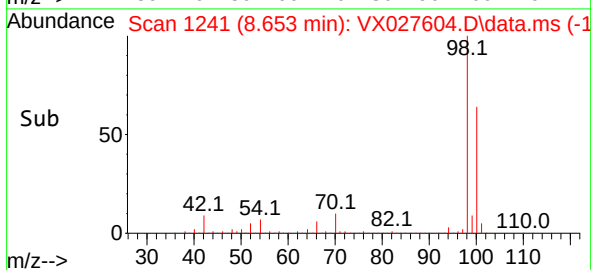
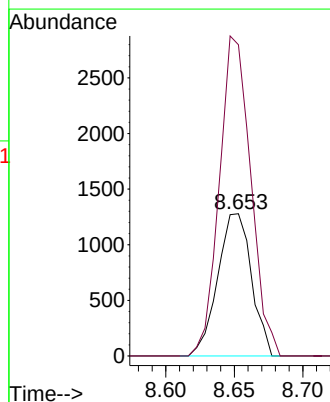
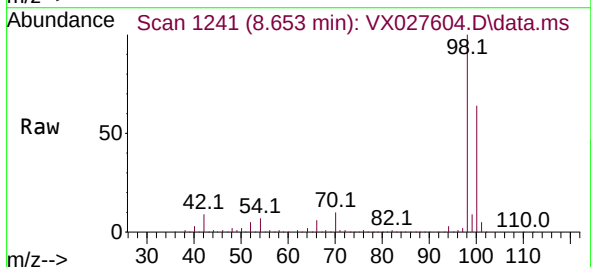
Instrument :
MSVOA_X
ClientSampleId :

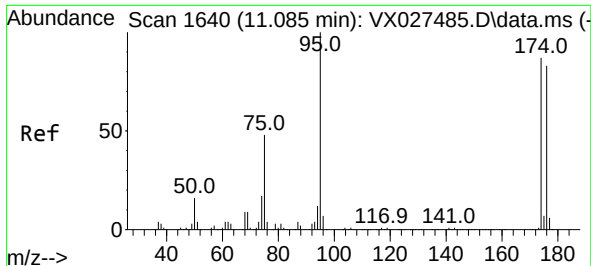
Tgt Ion: 98 Resp: 628152
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

Tgt Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
58 208.7 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 45.477 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027604.D

Acq: 21 Mar 2022 22:20

Instrument :

MSVOA_X

ClientSampleId :

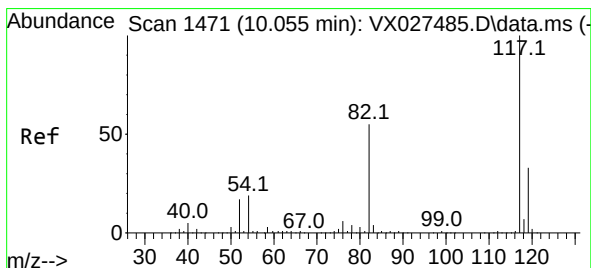
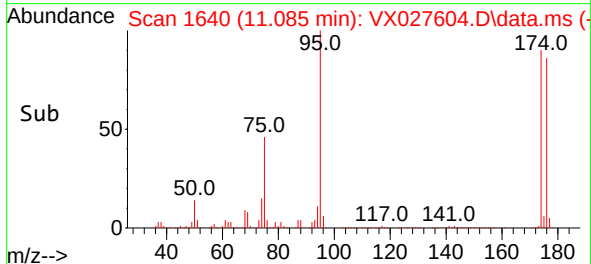
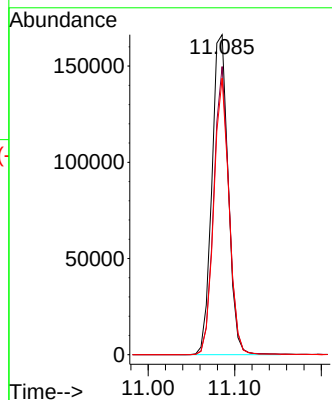
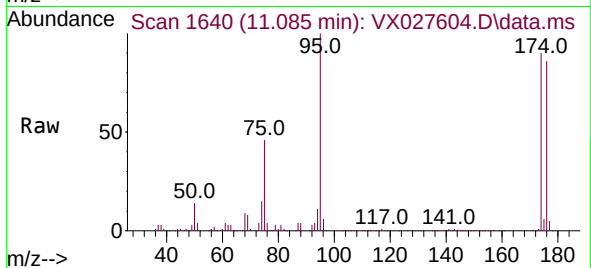
Tgt Ion: 95 Resp: 217685

Ion Ratio Lower Upper

95 100

174 84.0 0.0 163.0

176 81.2 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027604.D

Acq: 21 Mar 2022 22:20

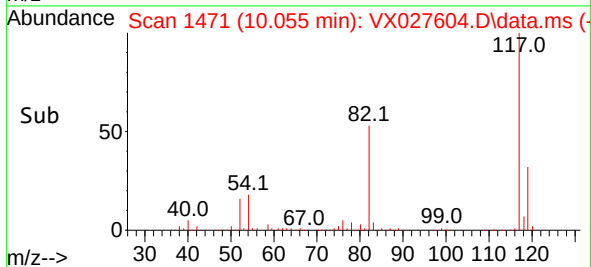
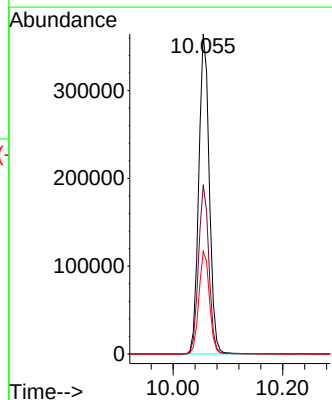
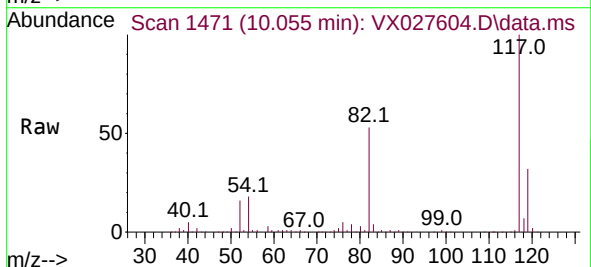
Tgt Ion: 117 Resp: 487906

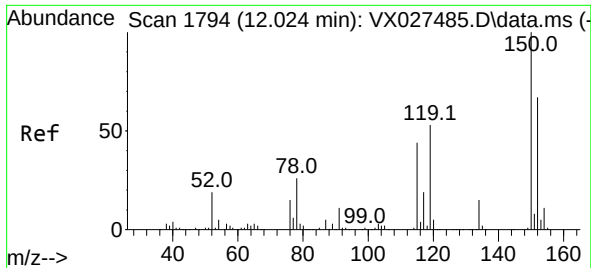
Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

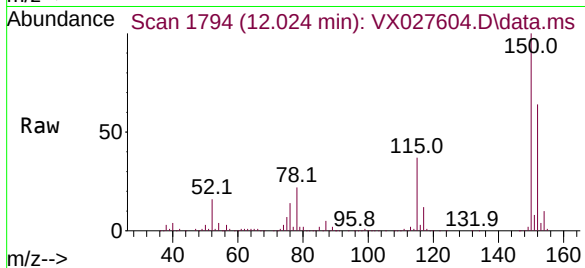
119 32.0 24.8 37.2



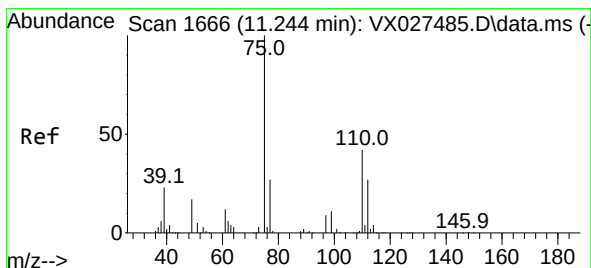
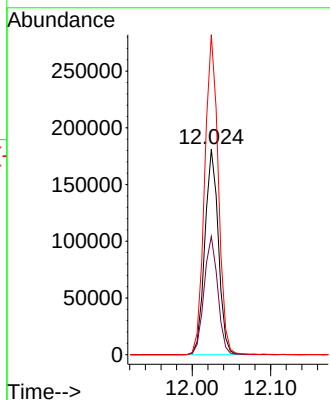
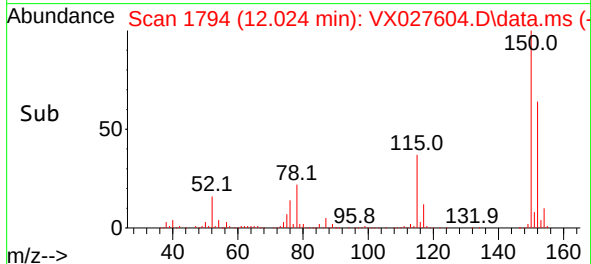


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

Instrument :
MSVOA_X
ClientSampleId :

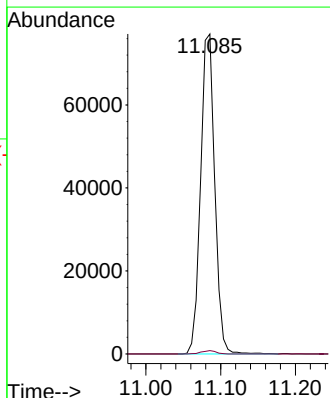
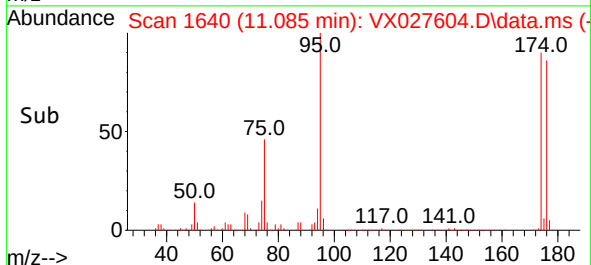
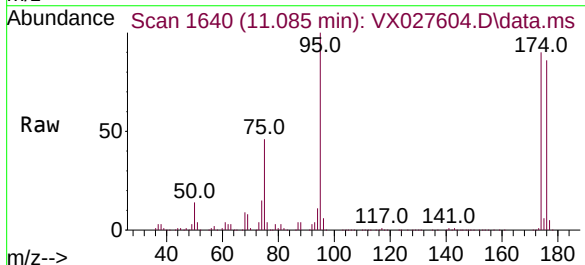


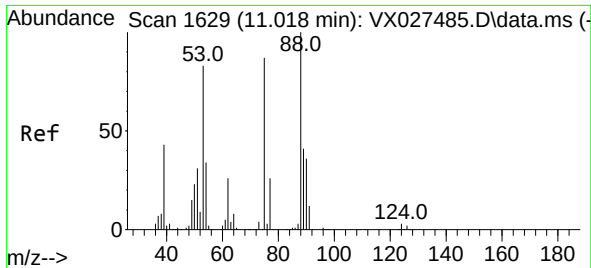
Tgt Ion:152 Resp: 216306
Ion Ratio Lower Upper
152 100
115 58.3 37.5 112.7
150 157.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.417 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027604.D
Acq: 21 Mar 2022 22:20

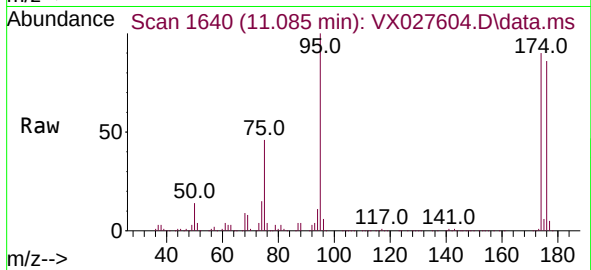
Tgt Ion: 75 Resp: 101425
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.082 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027604.D
 Acq: 21 Mar 2022 22:20

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 101425
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

