

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027384.D
 Acq On : 10 Mar 2022 18:16
 Operator : JC/MD
 Sample : N1889-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-031022

Quant Time: Mar 11 00:48:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

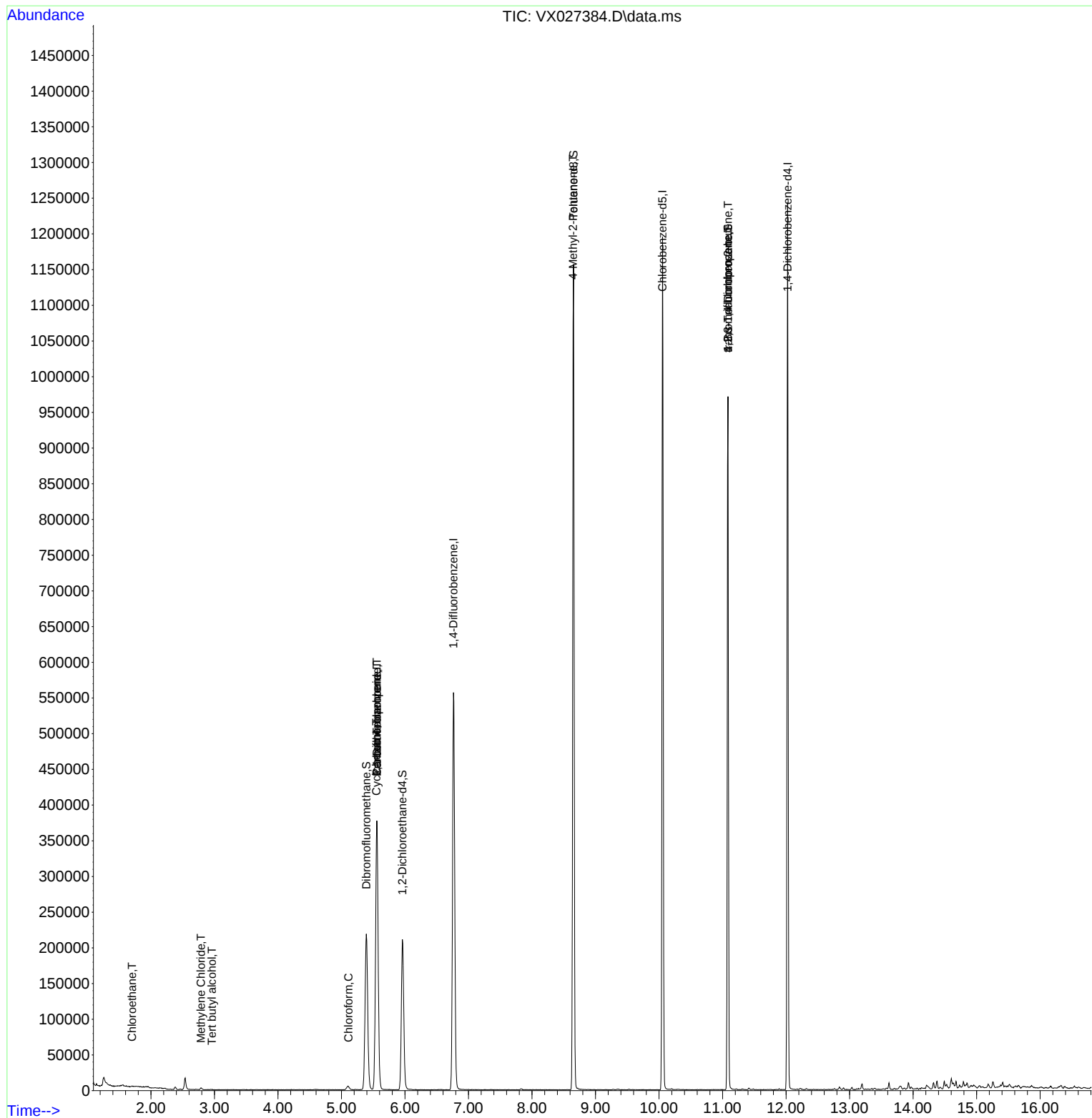
Internal Standards						
1) Pentafluorobenzene	5.555	168	385810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	620074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	581163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198371	44.091	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.180%		
35) Dibromofluoromethane	5.391	113	195937	48.971	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.940%		
50) Toluene-d8	8.652	98	728057	48.199	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.400%		
62) 4-Bromofluorobenzene	11.085	95	266646	46.316	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.640%		
Target Compounds						
5) Bromomethane	1.617	94	407	Below Cal	Qvalue 100	
6) Chloroethane	1.703	64	459	0.621 ug/l #	43	
11) Tert butyl alcohol	2.958	59	210	0.238 ug/l #	72	
16) Acetone	2.385	43	3572	Below Cal	88	
20) Methylene Chloride	2.788	84	1432	0.326 ug/l #	90	
30) Chloroform	5.110	83	6916	0.920 ug/l	91	
31) Cyclohexane	5.549	56	5724	0.910 ug/l #	1	
36) 1,1-Dichloropropene	5.555	75	24764	4.458 ug/l #	50	
38) Carbon Tetrachloride	5.555	117	36149	6.293 ug/l #	15	
51) 4-Methyl-2-Pentanone	8.646	43	2325	0.393 ug/l #	1	
76) 1,2,3-Trichloropropane	11.085	75	120735	20.087 ug/l #	39	
81) trans-1,4-Dichloro-2-b...	11.085	75	120735	64.964 ug/l #	15	

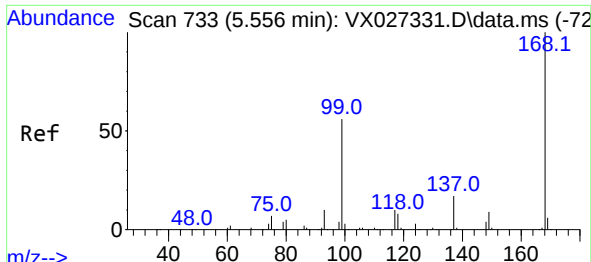
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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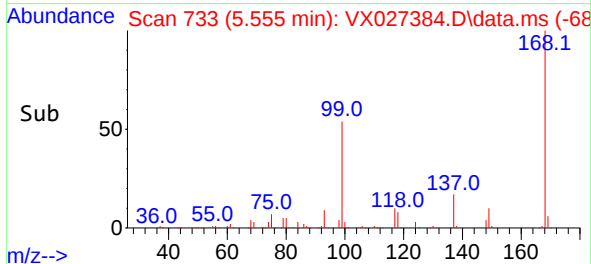
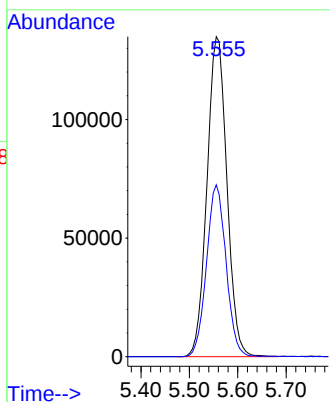
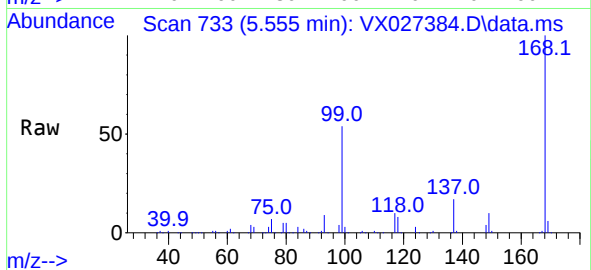




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

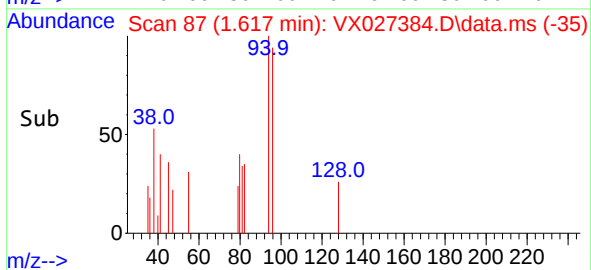
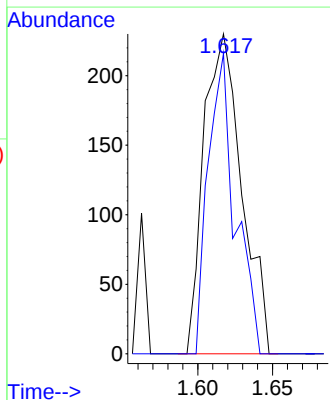
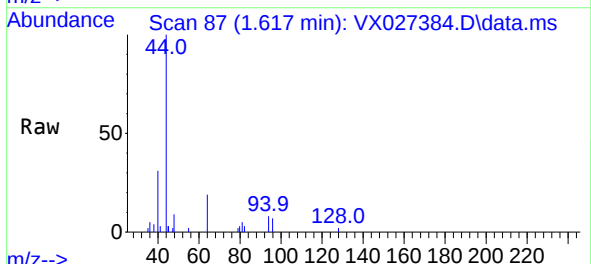
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-031022

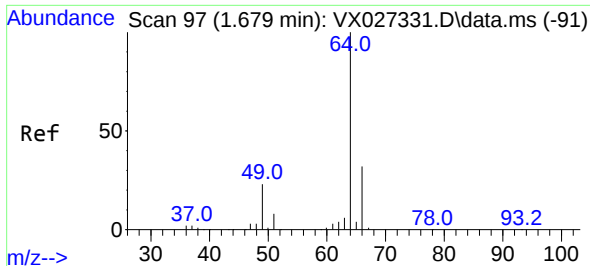
Tgt Ion:168 Resp: 385810
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Tgt Ion: 94 Resp: 407
Ion Ratio Lower Upper
94 100
96 93.9 75.3 112.9

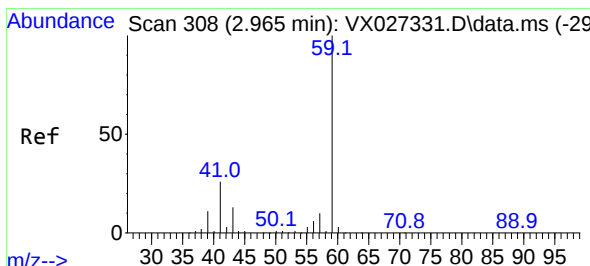
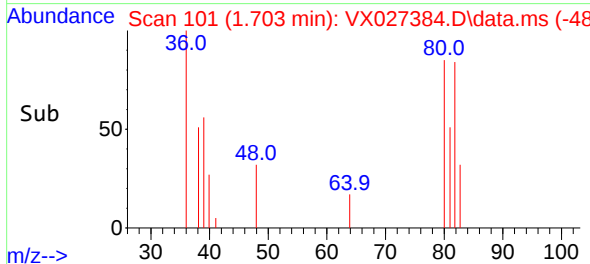
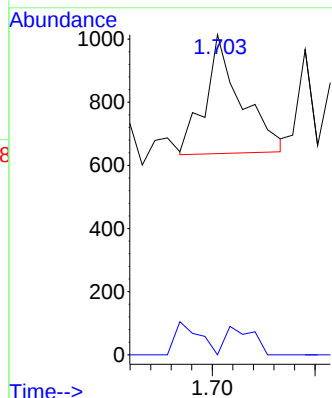
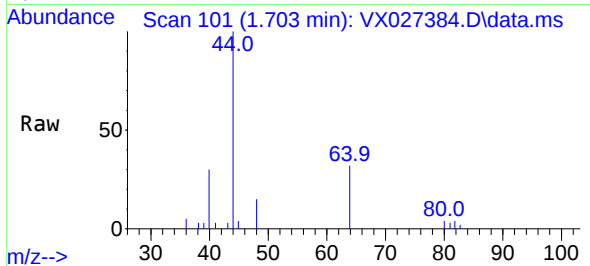




#6
Chloroethane
Concen: 0.621 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

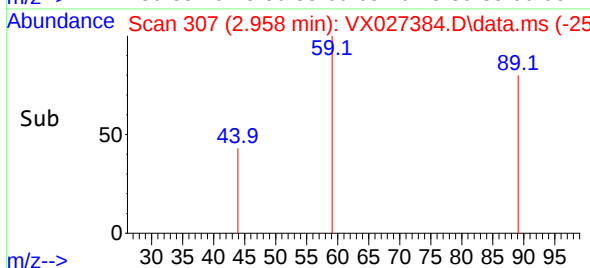
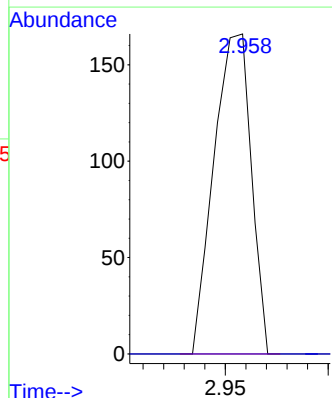
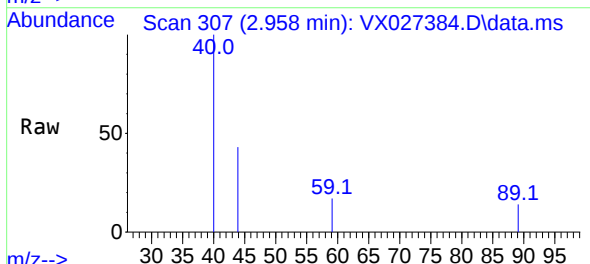
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-031022

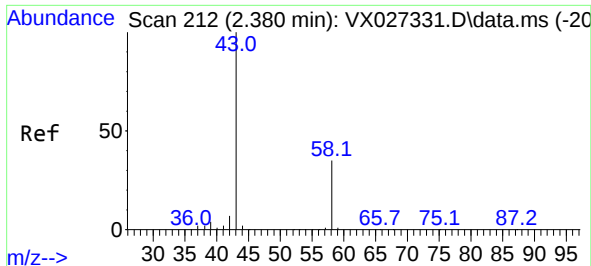
Tgt Ion: 64 Resp: 459
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 0.238 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.007 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

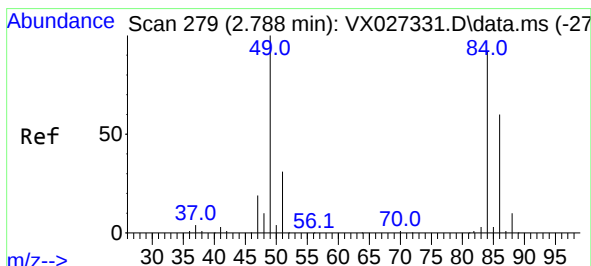
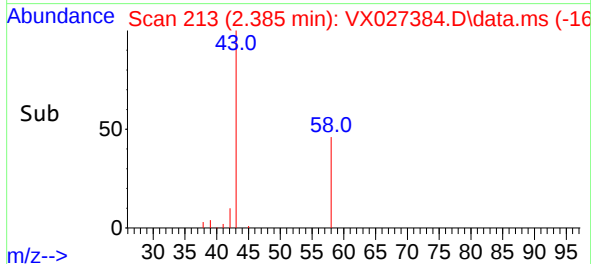
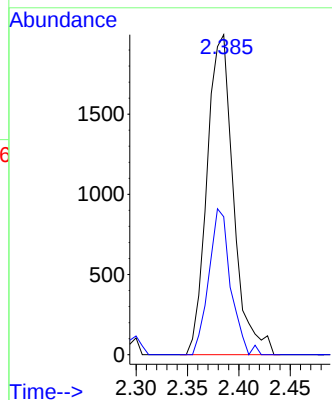
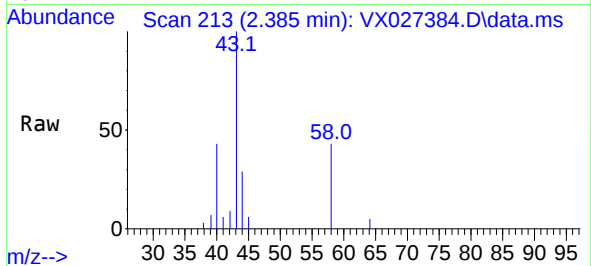




#16
Acetone
Concen: Below Cal
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

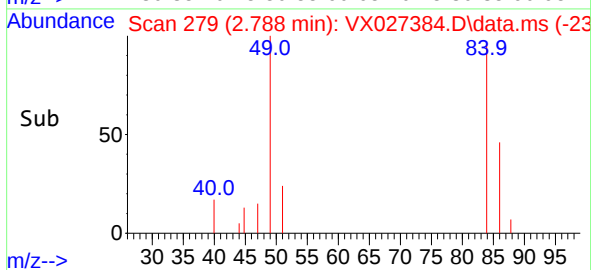
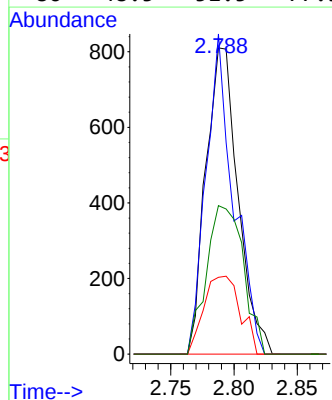
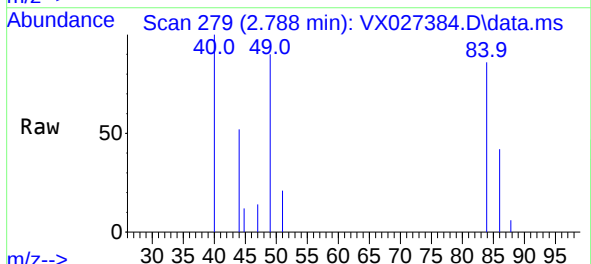
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-031022

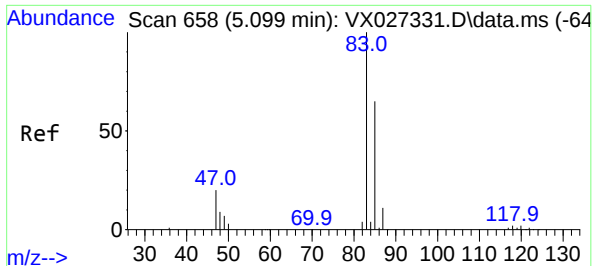
Tgt Ion: 43 Resp: 3572
Ion Ratio Lower Upper
43 100
58 43.1 28.8 43.2



#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Tgt Ion: 84 Resp: 1432
Ion Ratio Lower Upper
84 100
49 104.6 85.5 128.3
51 25.1 26.6 39.8#
86 48.5 51.5 77.3#





#30

Chloroform

Concen: 0.920 ug/l

RT: 5.110 min Scan# 6

Delta R.T. 0.011 min

Lab File: VX027384.D

Acq: 10 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

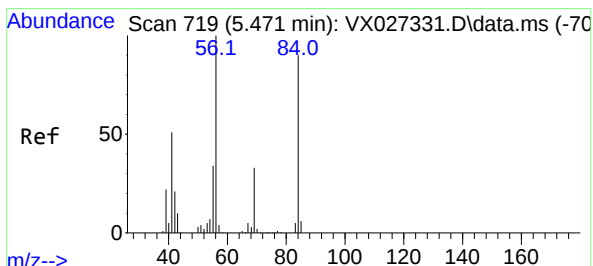
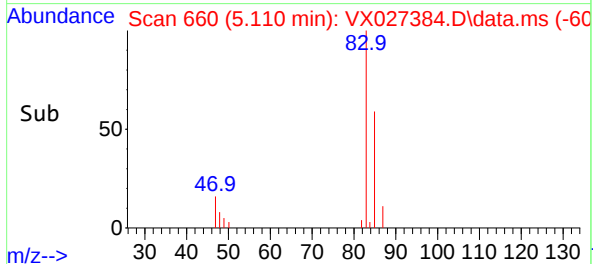
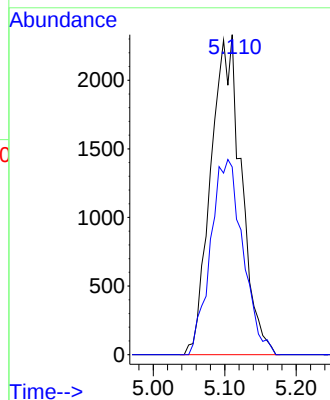
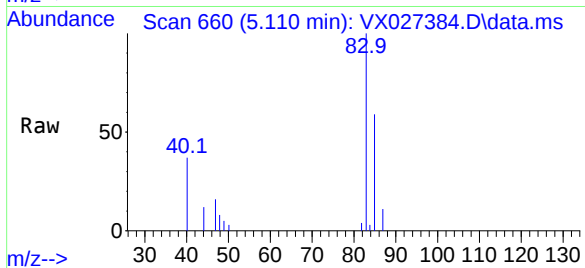
DUP-01-031022

Tgt Ion: 83 Resp: 6916

Ion Ratio Lower Upper

83 100

85 58.7 52.7 79.1



#31

Cyclohexane

Concen: 0.910 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.078 min

Lab File: VX027384.D

Acq: 10 Mar 2022 18:16

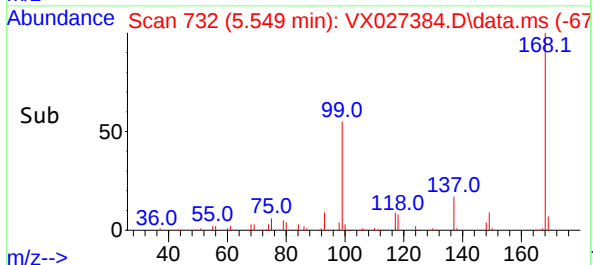
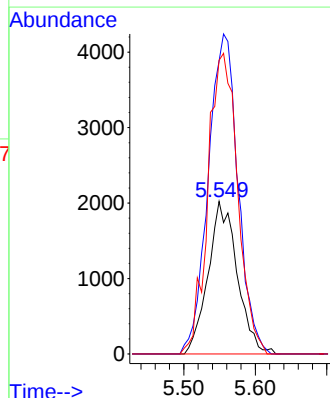
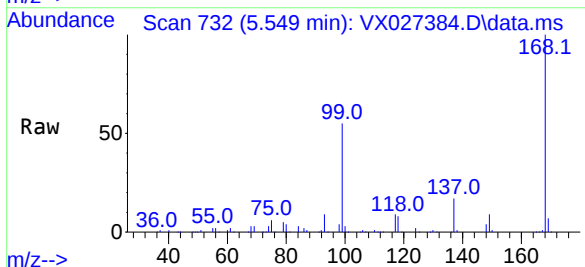
Tgt Ion: 56 Resp: 5724

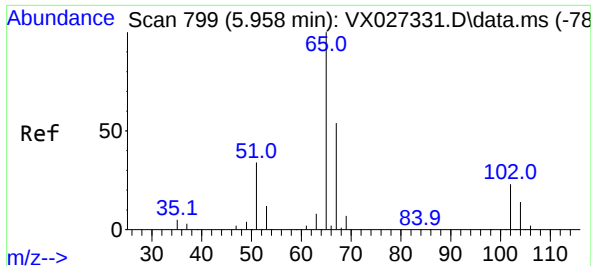
Ion Ratio Lower Upper

56 100

69 192.0 26.7 40.1#

84 192.5 77.2 115.8#

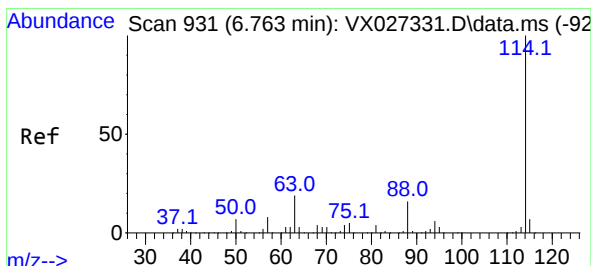
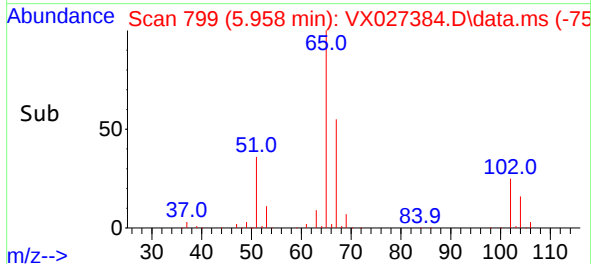
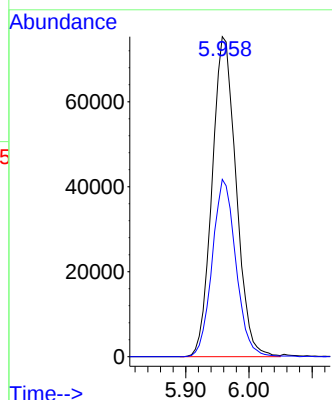
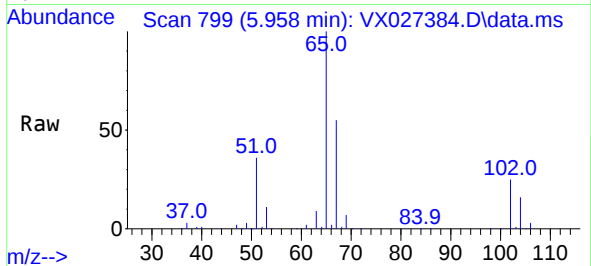




#33
 1,2-Dichloroethane-d4
 Concen: 44.091 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX027384.D
 Acq: 10 Mar 2022 18:16

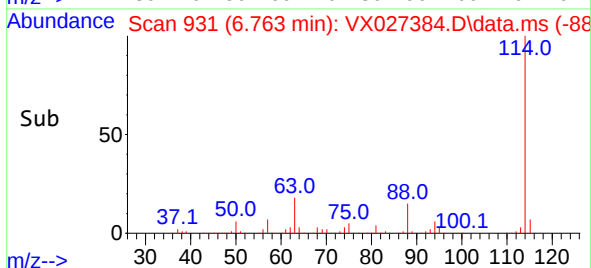
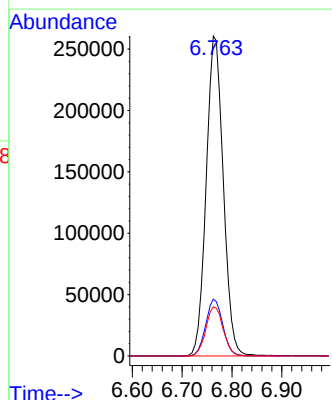
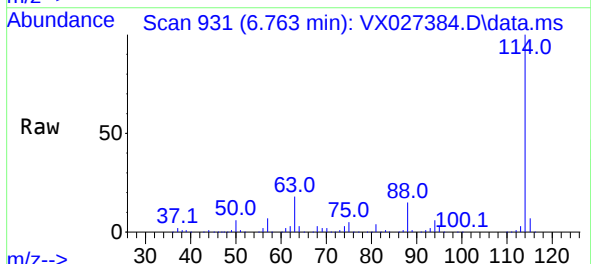
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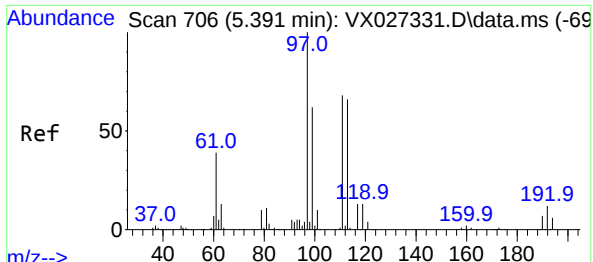
Tgt Ion: 65 Resp: 198371
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX027384.D
 Acq: 10 Mar 2022 18:16

Tgt Ion: 114 Resp: 620074
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 15.3 0.0 32.4

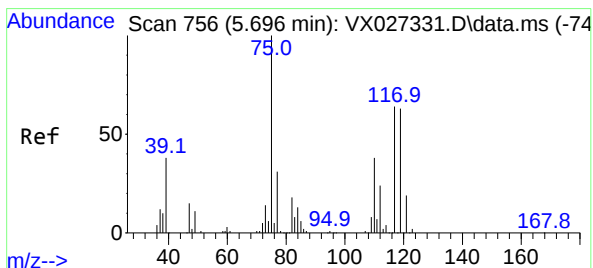
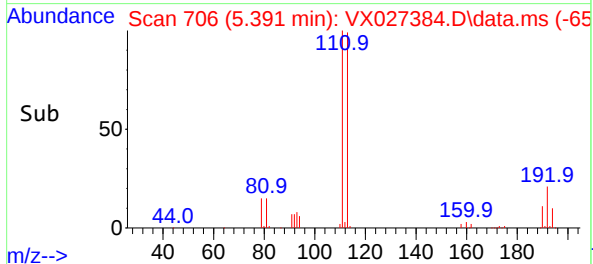
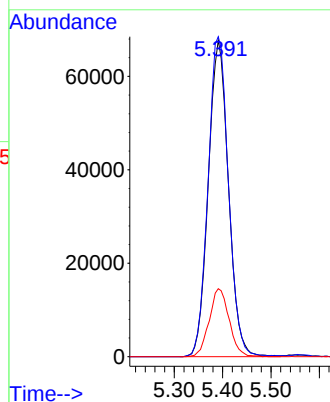
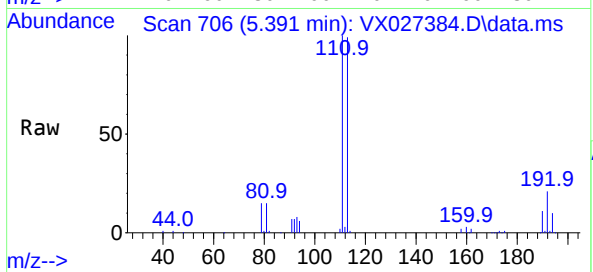




#35
Dibromofluoromethane
Concen: 48.971 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

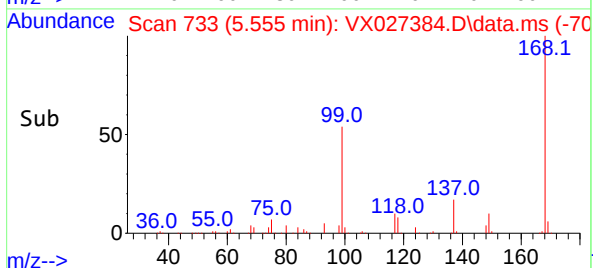
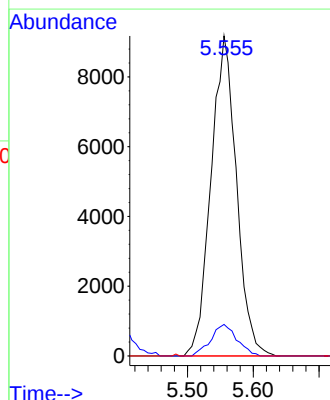
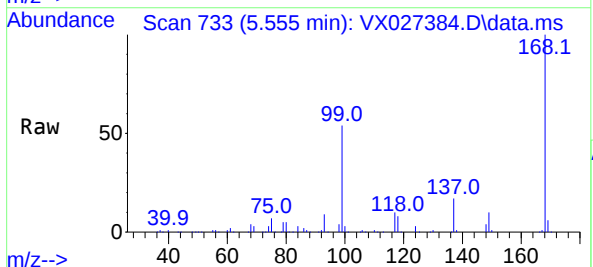
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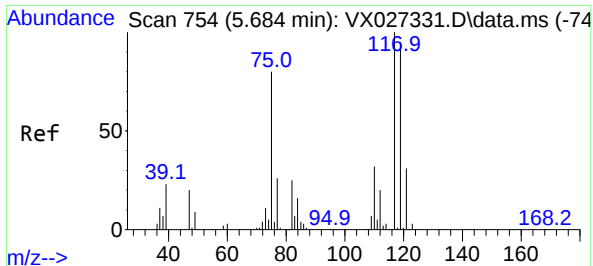
Tgt Ion:113 Resp: 195937
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.458 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.141 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

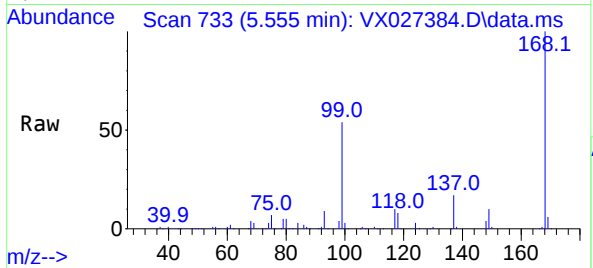
Tgt Ion: 75 Resp: 24764
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



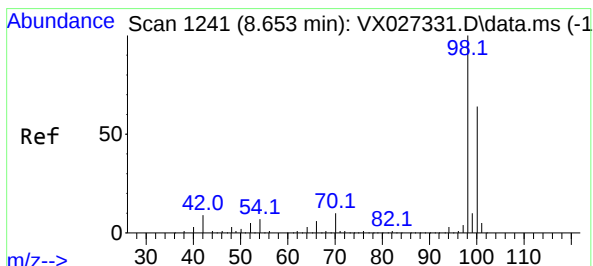
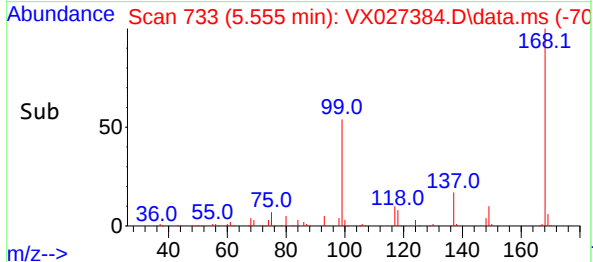
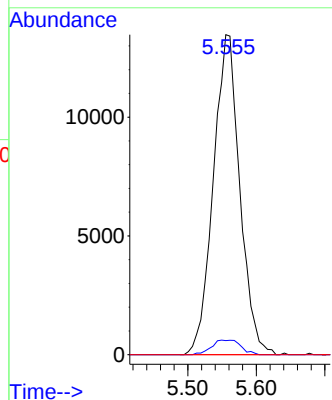


#38
Carbon Tetrachloride
Concen: 6.293 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-031022

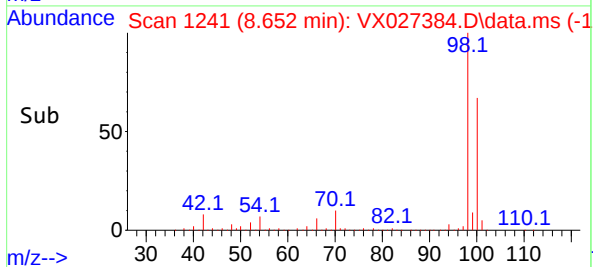
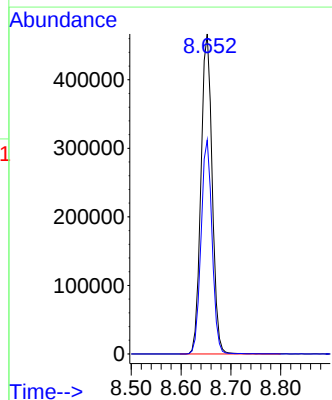
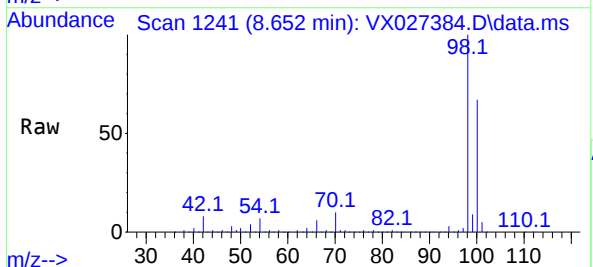


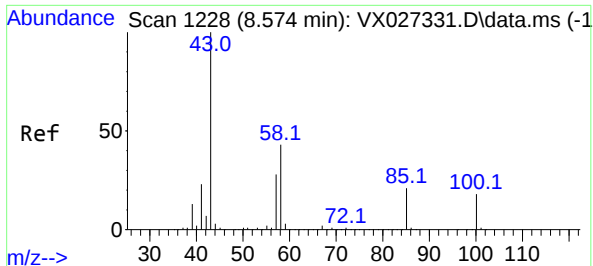
Tgt Ion:117 Resp: 36149
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.199 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Tgt Ion: 98 Resp: 728057
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

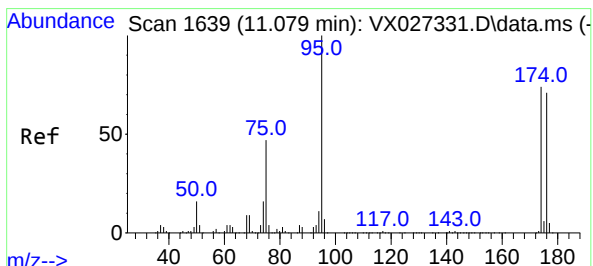
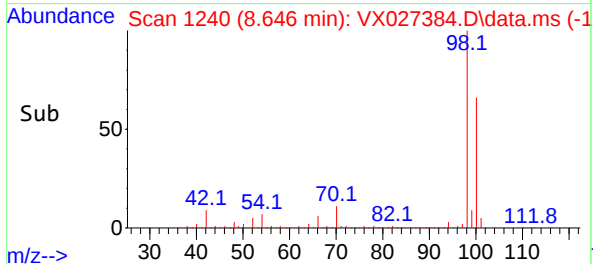
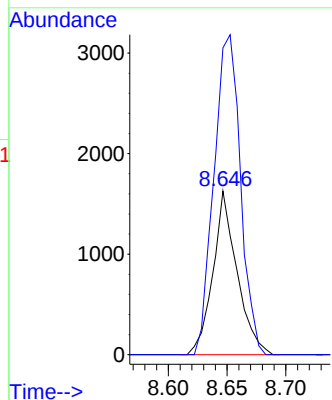
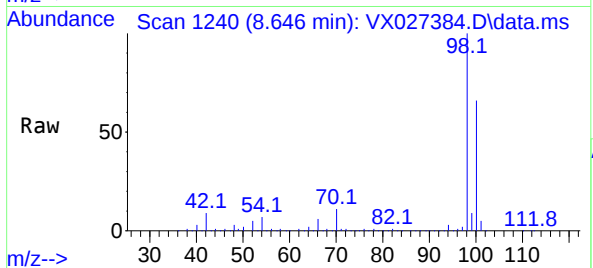




#51
4-Methyl-2-Pentanone
Concen: 0.393 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.072 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

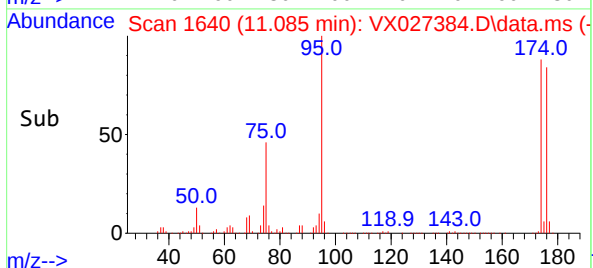
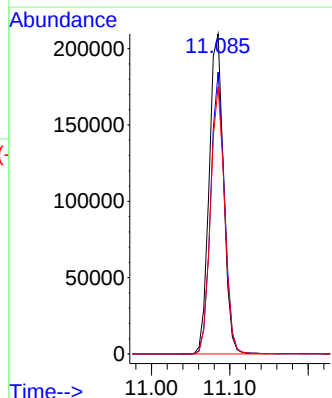
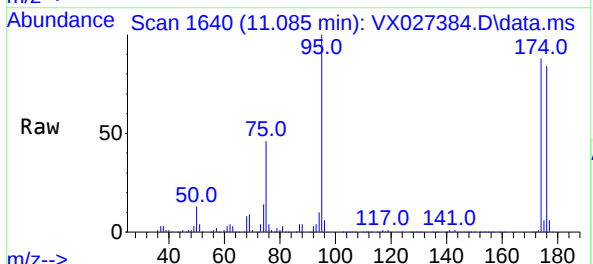
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-031022

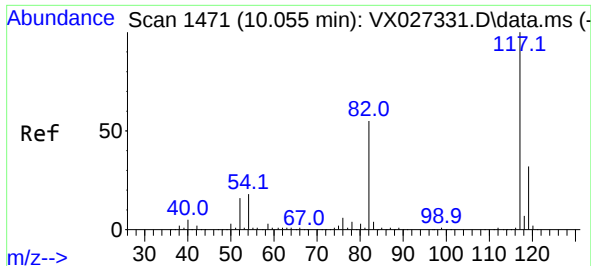
Tgt Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
58 215.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 46.316 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Tgt Ion: 95 Resp: 266646
Ion Ratio Lower Upper
95 100
174 85.0 0.0 163.0
176 81.8 0.0 155.0

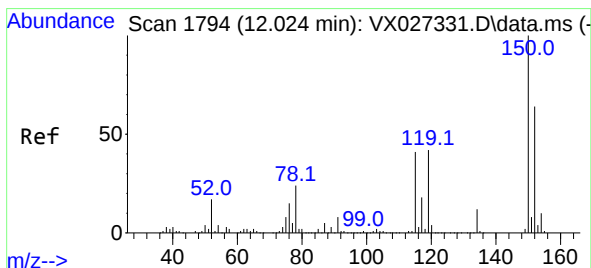
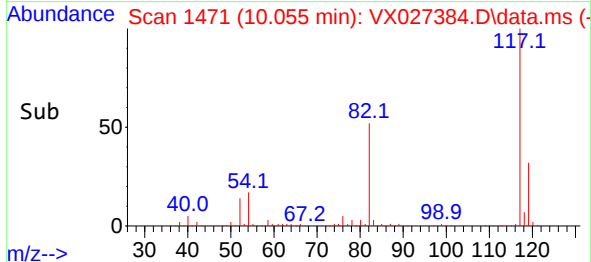
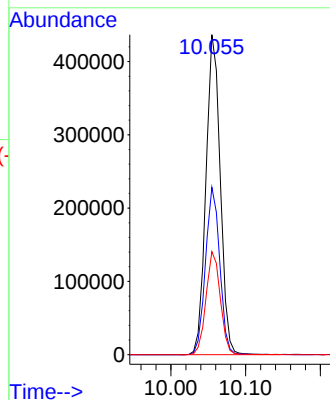
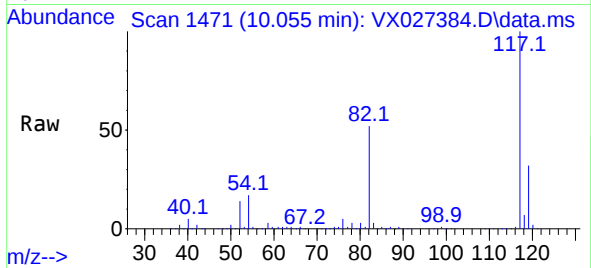




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

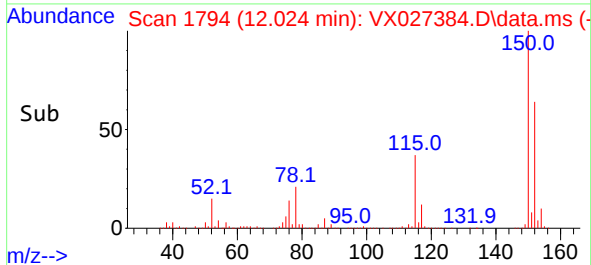
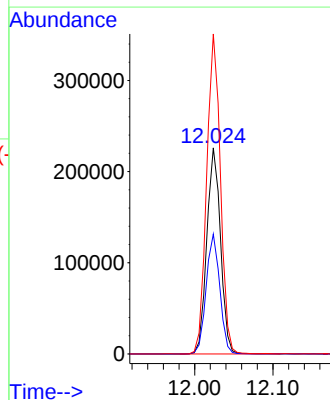
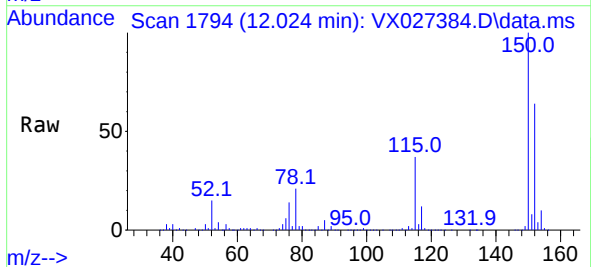
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-031022

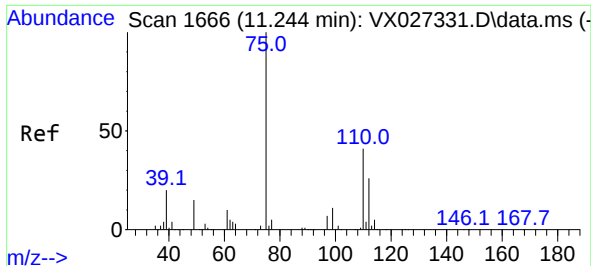
Tgt Ion:117 Resp: 581163
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Tgt Ion:152 Resp: 273951
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 155.6 0.0 338.2

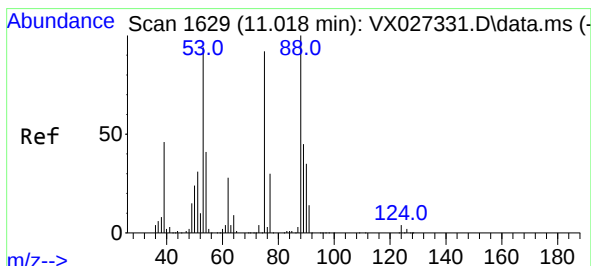
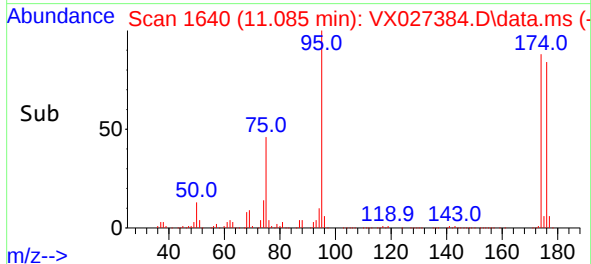
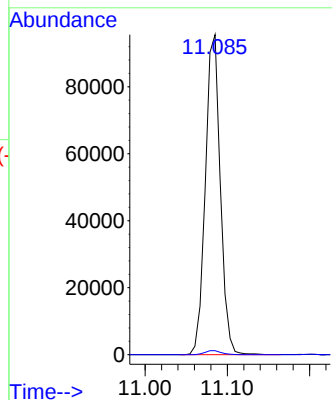
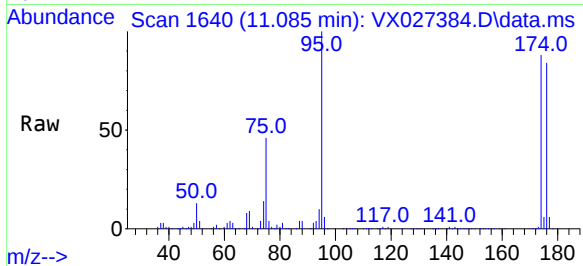




#76
1,2,3-Trichloropropane
Concen: 20.087 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-031022

Tgt Ion: 75 Resp: 120735
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.964 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027384.D
Acq: 10 Mar 2022 18:16

Tgt Ion: 75 Resp: 120735
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

