

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024047.D
 Acq On : 31 Aug 2021 16:24
 Operator : JC/MD
 Sample : M3584-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20210827

Quant Time: Sep 01 05:04:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

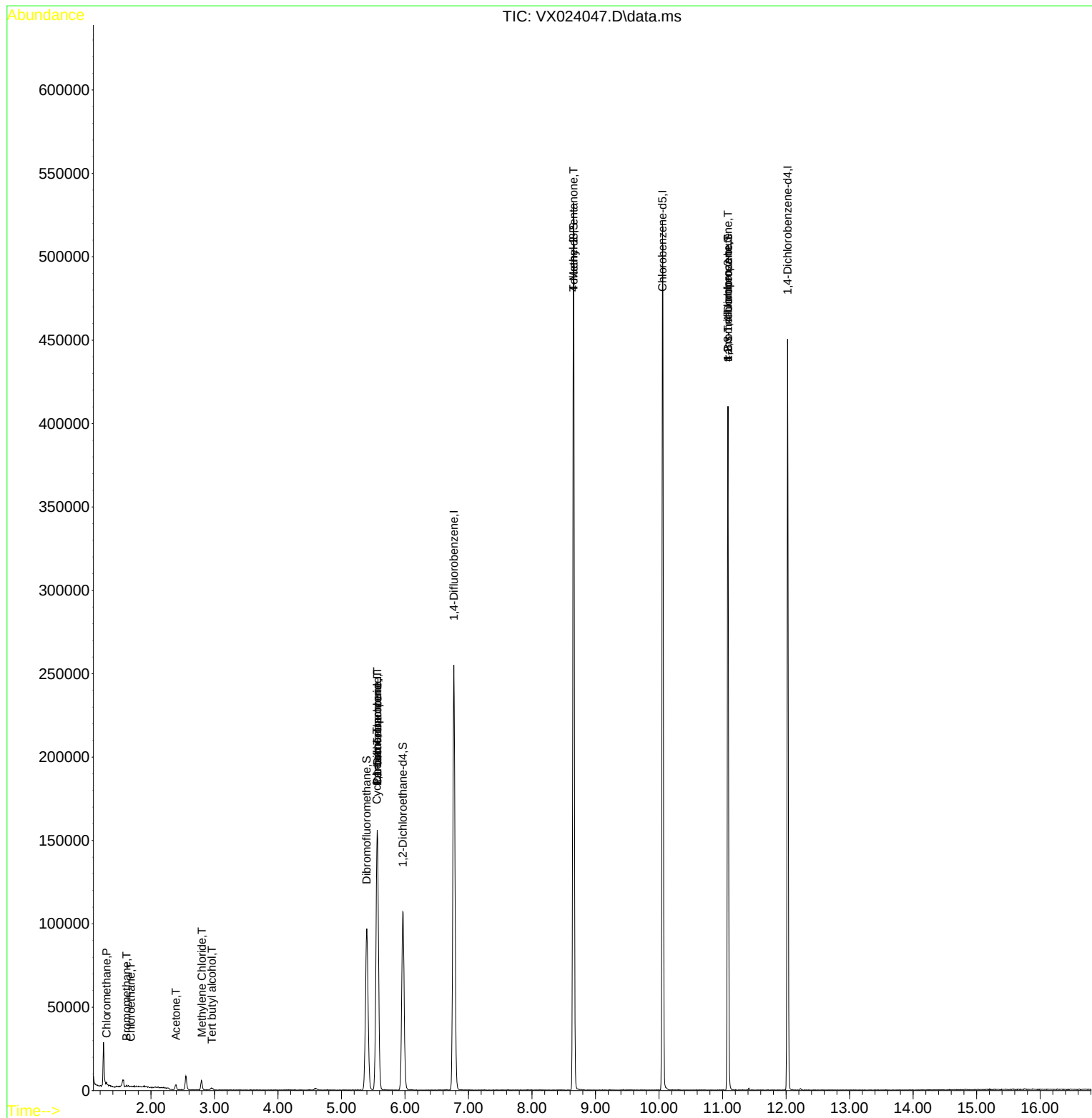
Internal Standards						
1) Pentafluorobenzene	5.562	168	141805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107573	54.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.397	113	82160	50.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	8.653	98	300977	48.882	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.760%			
62) 4-Bromofluorobenzene	11.085	95	102996	45.440	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.880%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	469	0.286	ug/l #	42
5) Bromomethane	1.618	94	501	0.497	ug/l #	67
6) Chloroethane	1.685	64	431	2.525	ug/l #	43
11) Tert butyl alcohol	2.959	59	993	2.481	ug/l #	73
16) Acetone	2.392	43	3169	3.581	ug/l	97
20) Methylene Chloride	2.800	84	2277	1.347	ug/l	96
31) Cyclohexane	5.556	56	3541	1.393	ug/l #	31
36) 1,1-Dichloropropene	5.562	75	11501	5.081	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14504	6.145	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1546	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56783	28.314	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56783	83.286	ug/l #	12

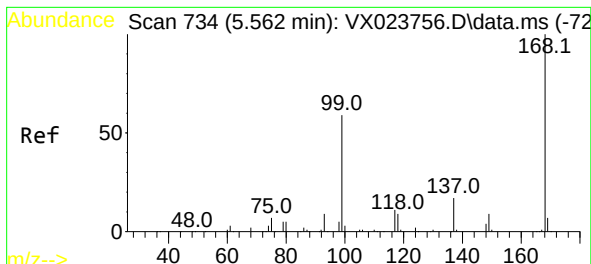
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.000 min

Lab File: VX024047.D

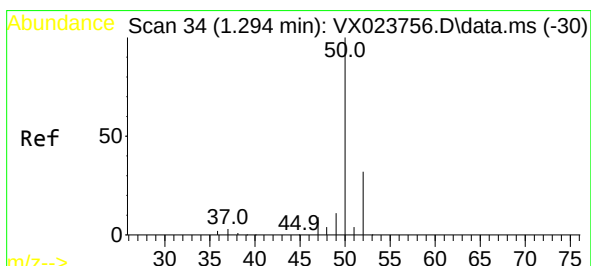
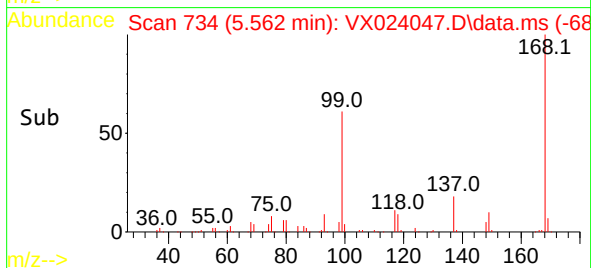
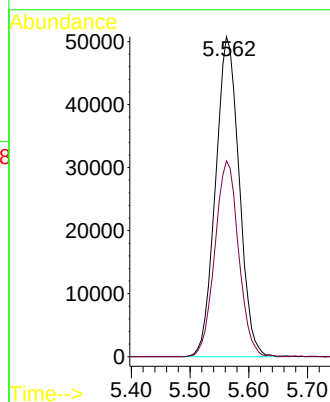
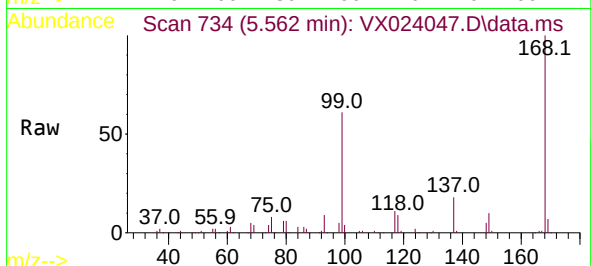
Acq: 31 Aug 2021 16:24

Tgt Ion:168 Resp: 141805

Ion Ratio Lower Upper

168 100

99 61.2 45.8 68.6



#3

Chloromethane

Concen: 0.286 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX024047.D

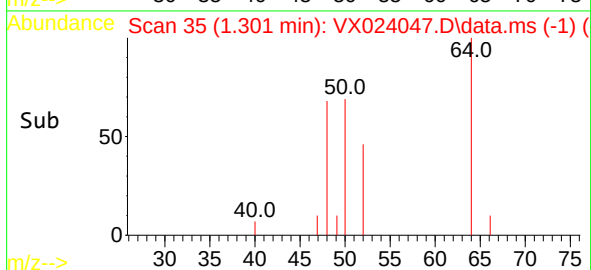
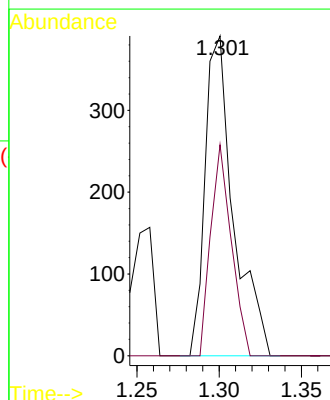
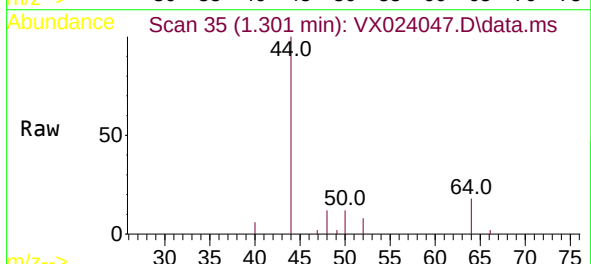
Acq: 31 Aug 2021 16:24

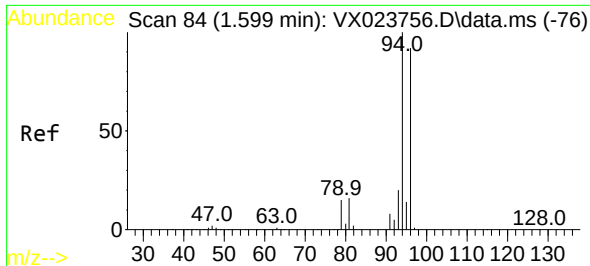
Tgt Ion: 50 Resp: 469

Ion Ratio Lower Upper

50 100

52 66.0 26.4 39.6#

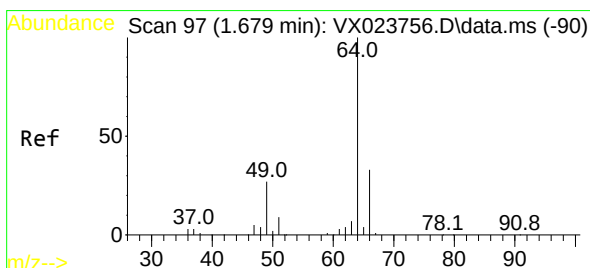
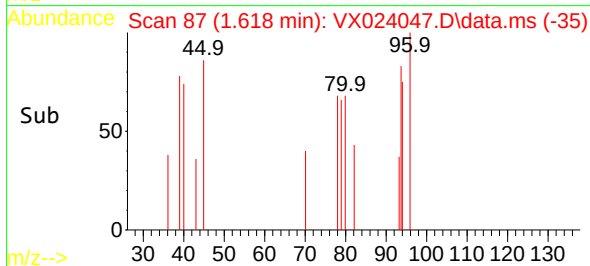
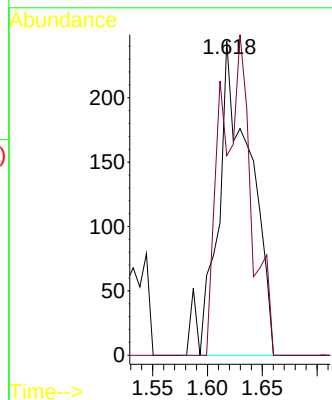
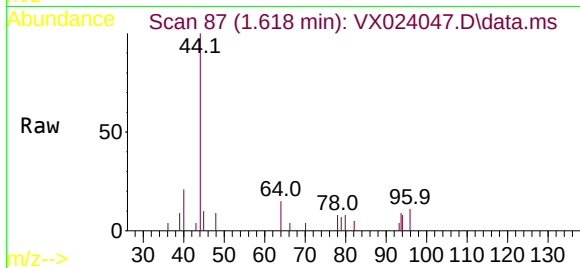




#5
Bromomethane
Concen: 0.497 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

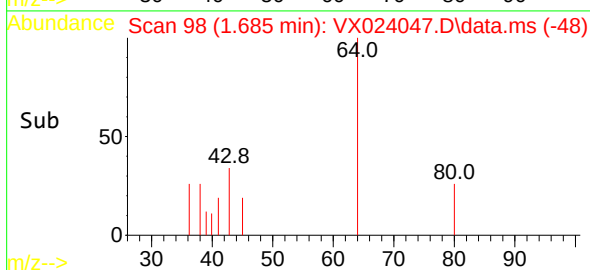
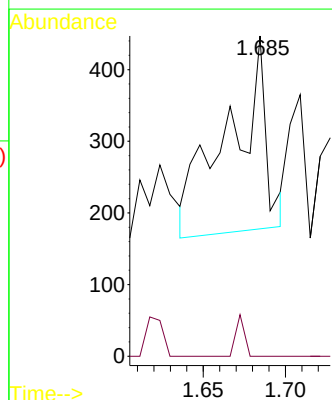
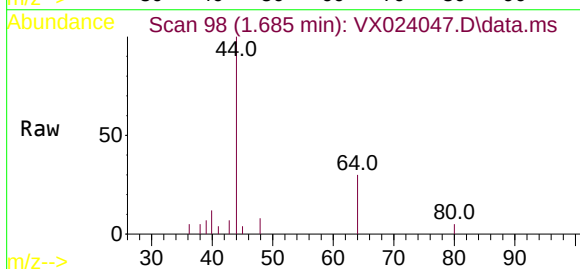
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210827

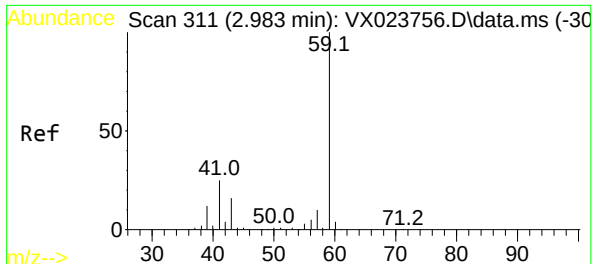
Tgt Ion: 94 Resp: 501
Ion Ratio Lower Upper
94 100
96 63.5 76.4 114.6#



#6
Chloroethane
Concen: 2.525 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Tgt Ion: 64 Resp: 431
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



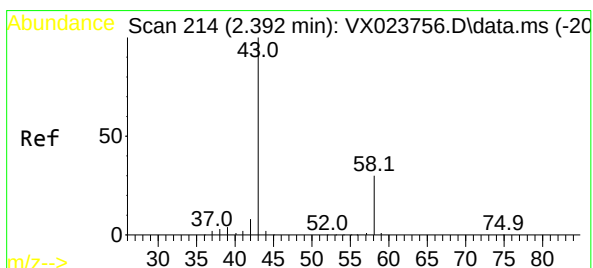
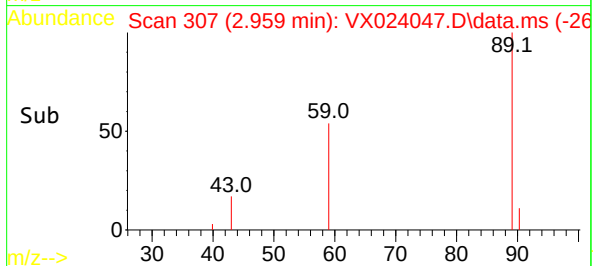
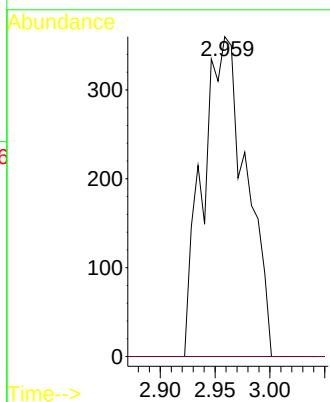
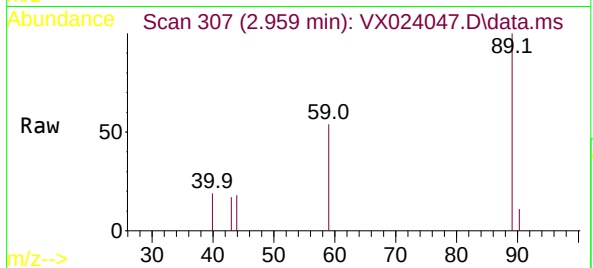


#11

Tert butyl alcohol
Concen: 2.481 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210827

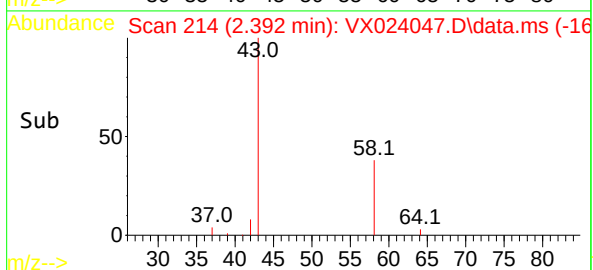
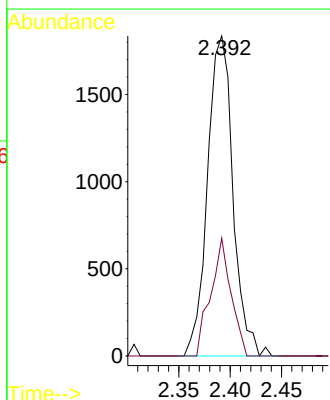
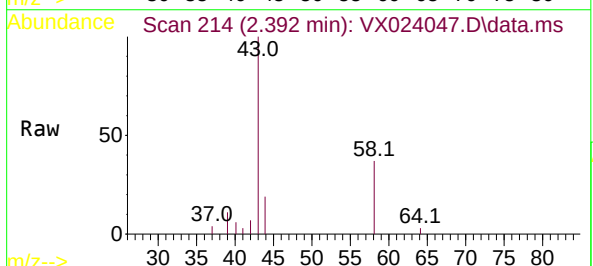
Tgt Ion: 59 Resp: 993
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

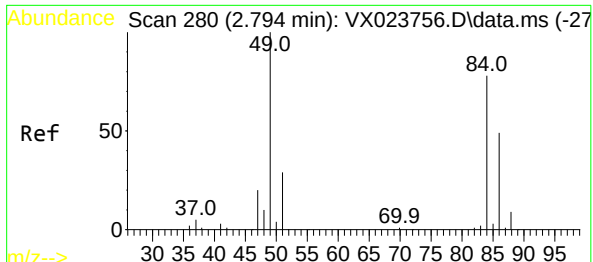


#16

Acetone
Concen: 3.581 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

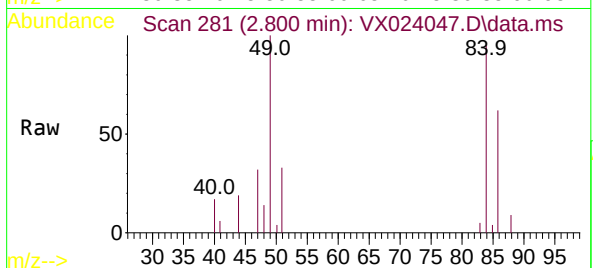
Tgt Ion: 43 Resp: 3169
Ion Ratio Lower Upper
43 100
58 36.8 27.8 41.8





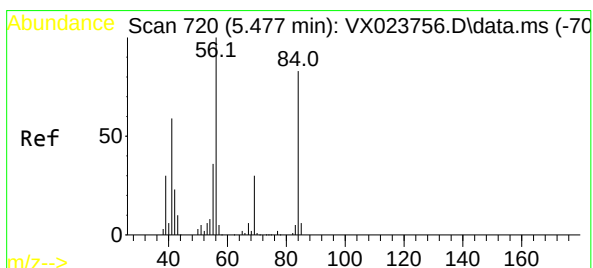
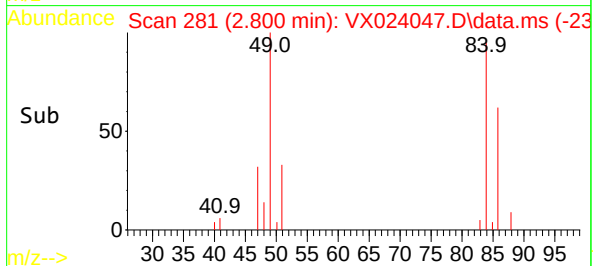
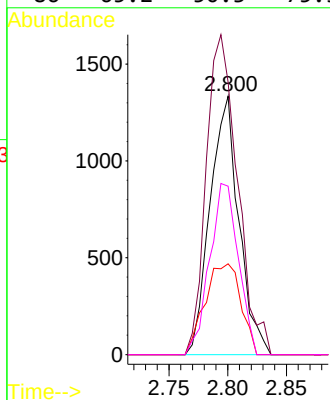
#20
Methylene Chloride
Concen: 1.347 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210827



Tgt Ion: 84 Resp: 2277

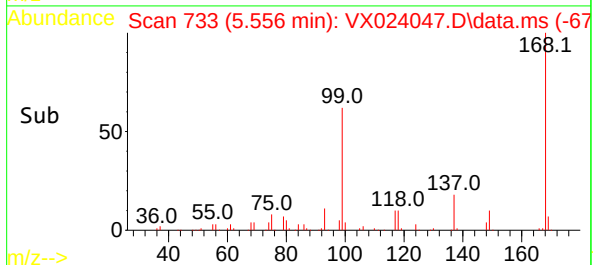
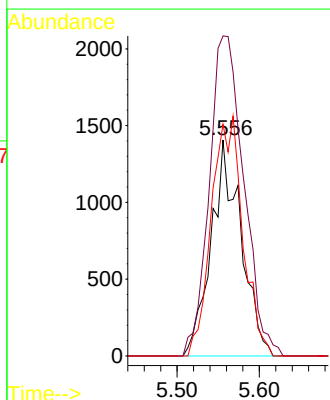
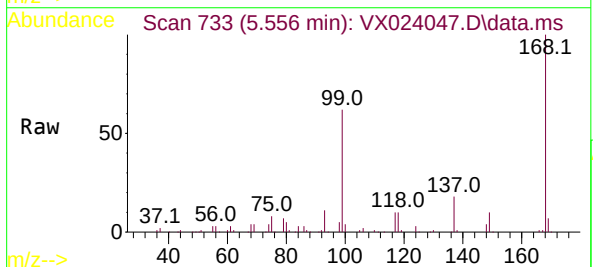
Ion	Ratio	Lower	Upper
84	100		
49	105.4	88.6	132.8
51	35.1	27.0	40.6
86	65.2	50.3	75.5

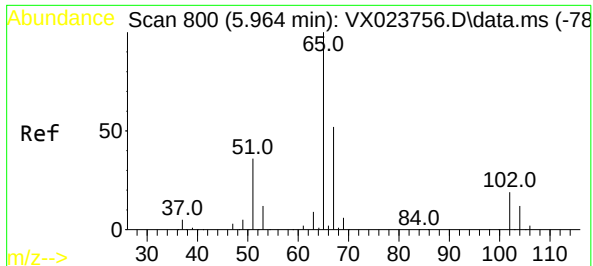


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Tgt Ion: 56 Resp: 3541

Ion	Ratio	Lower	Upper
56	100		
69	148.1	25.3	37.9#
84	107.2	71.4	107.0#



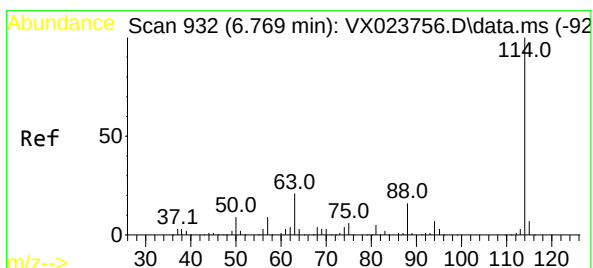
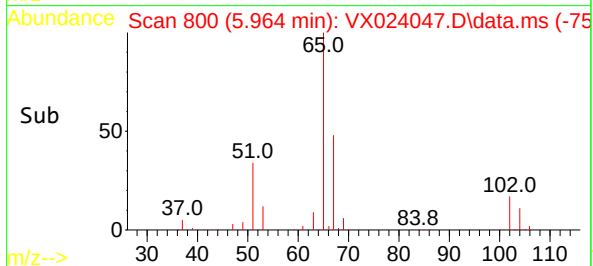
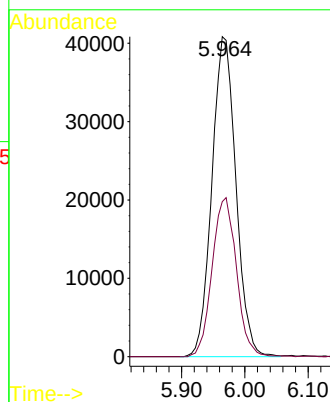
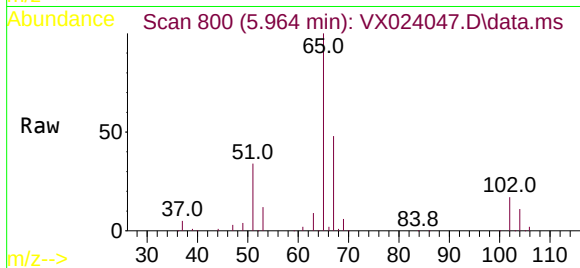


#33

1,2-Dichloroethane-d4
Concen: 54.353 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

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ClientSampleId :
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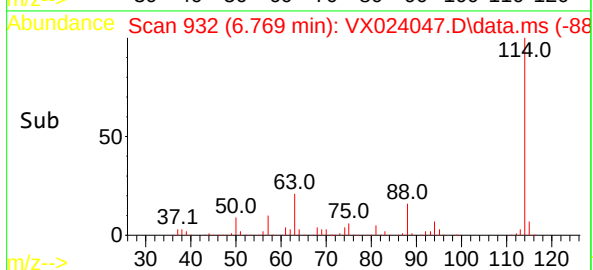
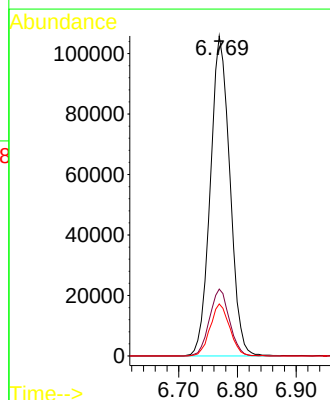
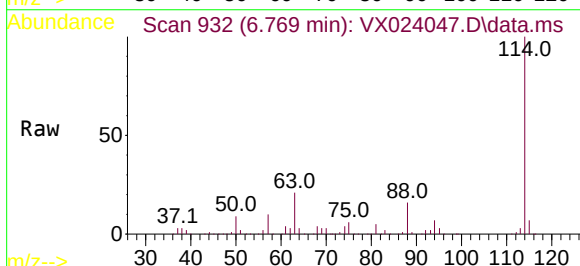
Tgt Ion: 65 Resp: 107573
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

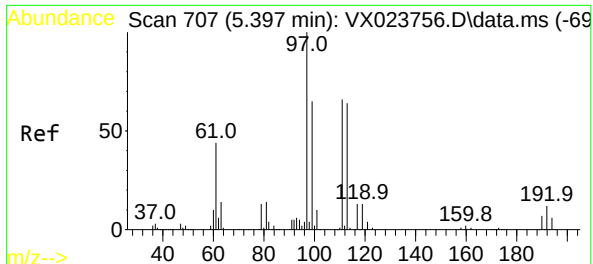


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Tgt Ion: 114 Resp: 244419
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.3 0.0 32.8

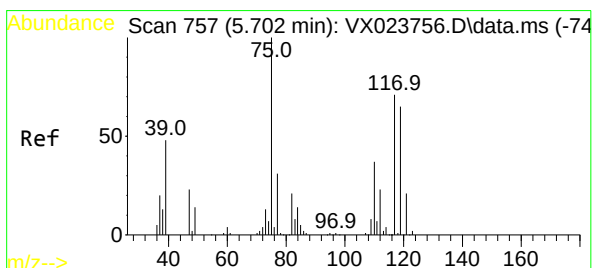
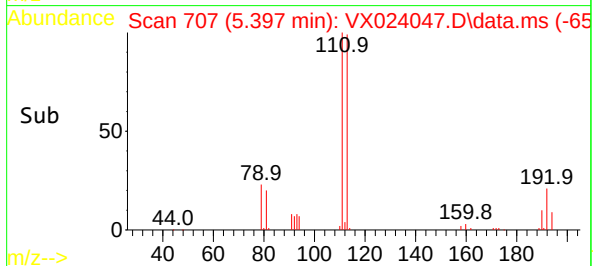
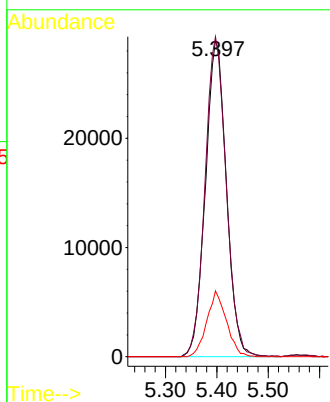
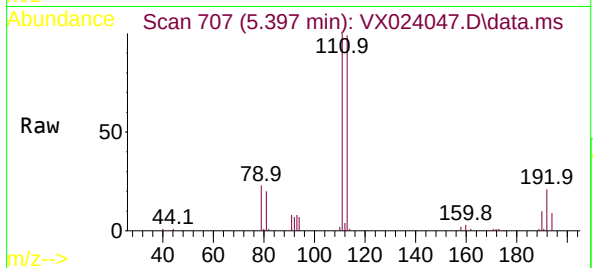




#35
Dibromofluoromethane
Concen: 50.787 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

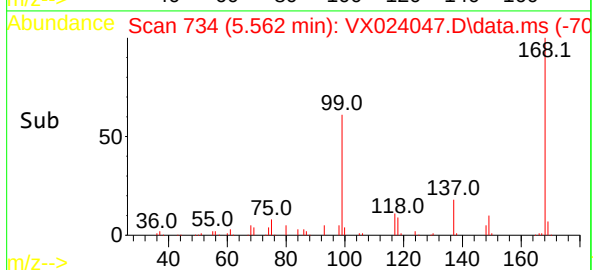
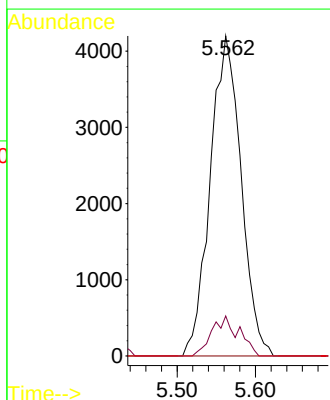
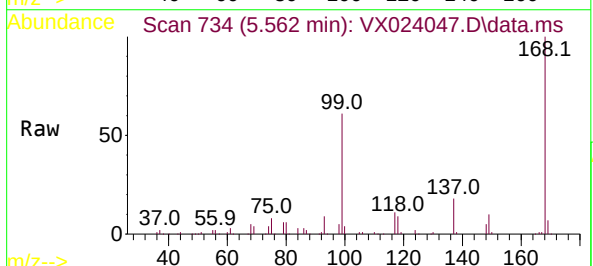
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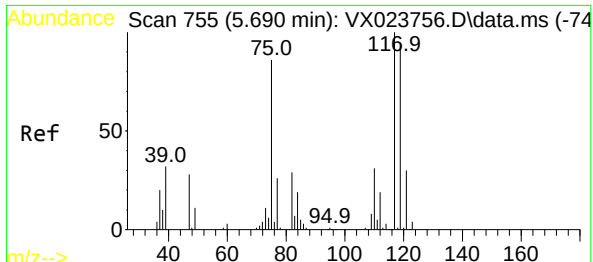
Tgt Ion:113 Resp: 82160
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.081 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

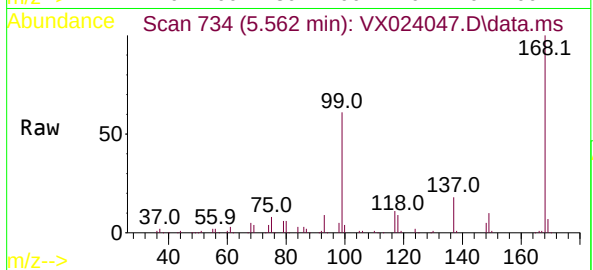
Tgt Ion: 75 Resp: 11501
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.0 25.3 37.9#



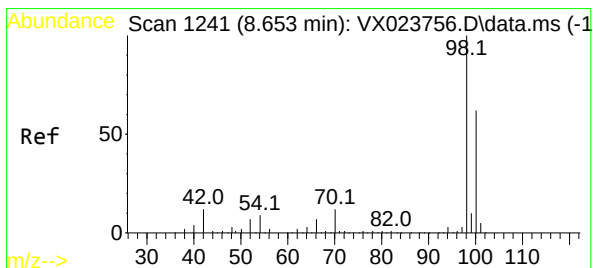
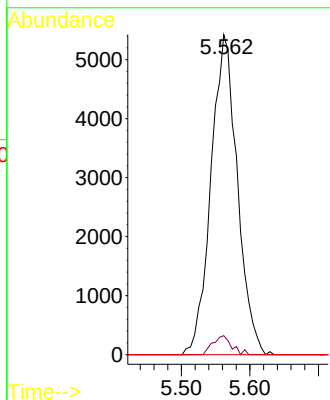
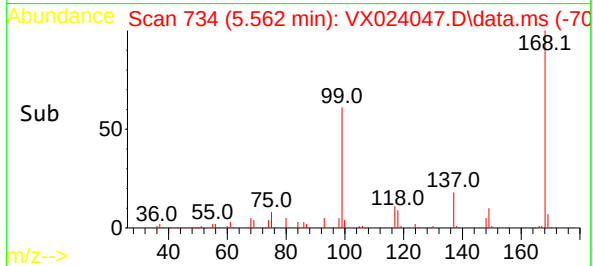


#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

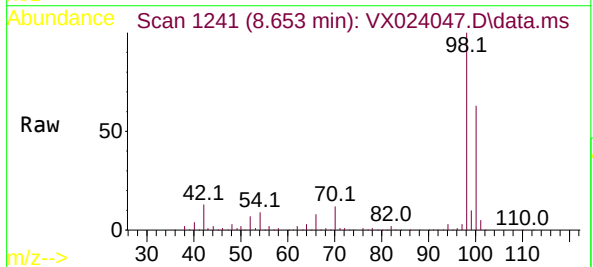
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210827



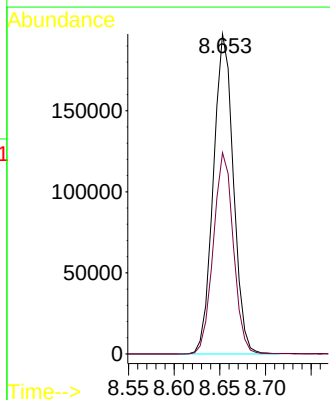
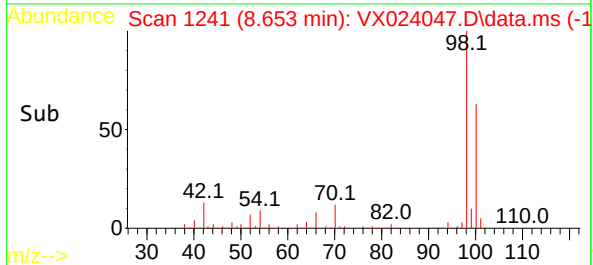
Tgt Ion:117 Resp: 14504
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

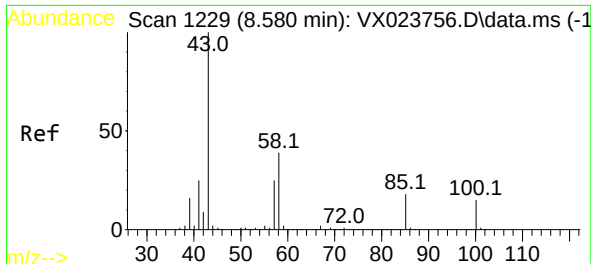


#50
Toluene-d8
Concen: 48.882 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24



Tgt Ion: 98 Resp: 300977
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9

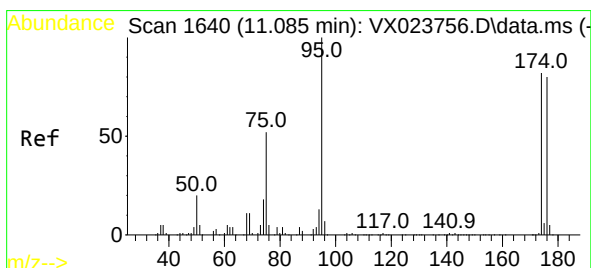
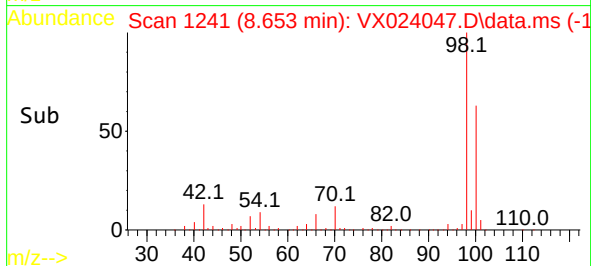
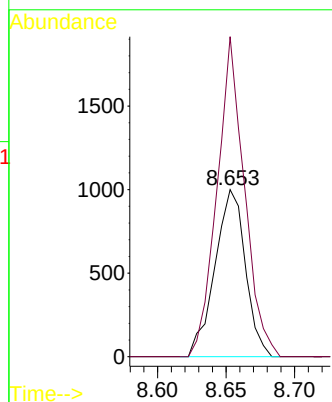
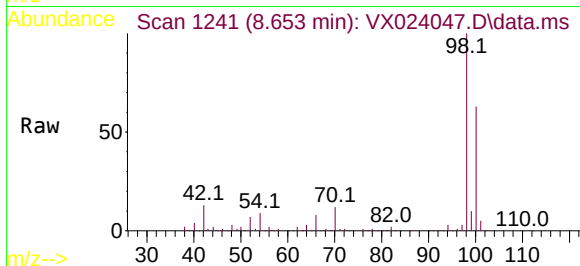




#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

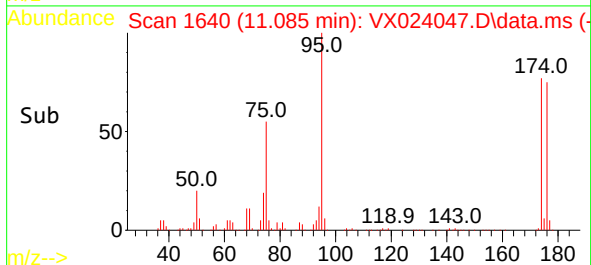
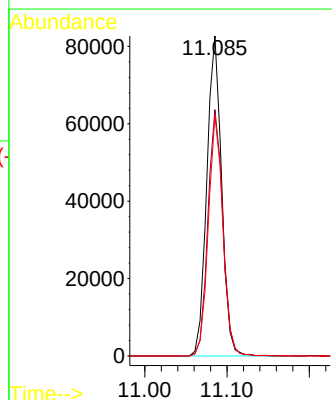
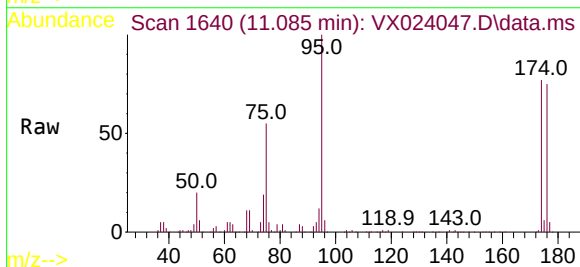
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210827

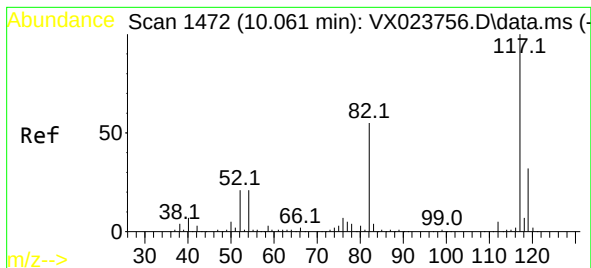
Tgt Ion: 43 Resp: 1546
Ion Ratio Lower Upper
43 100
58 172.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.440 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Tgt Ion: 95 Resp: 102996
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 74.0 0.0 155.8

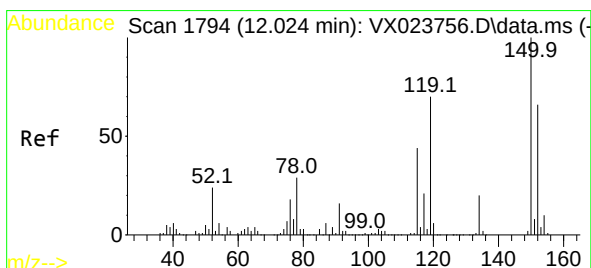
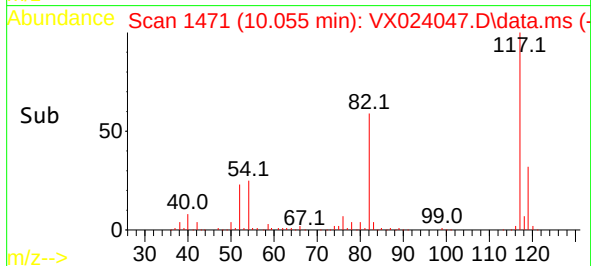
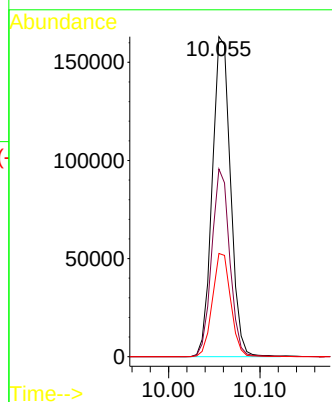
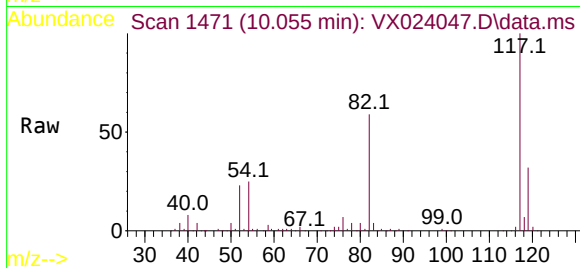




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

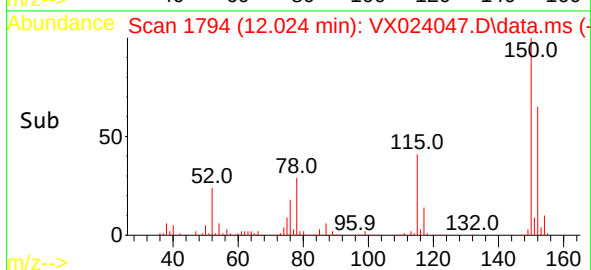
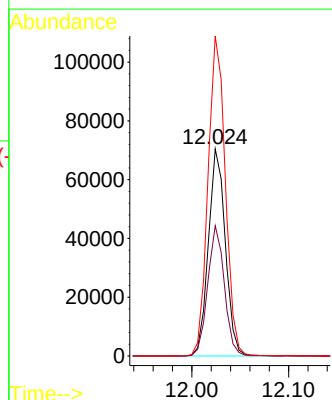
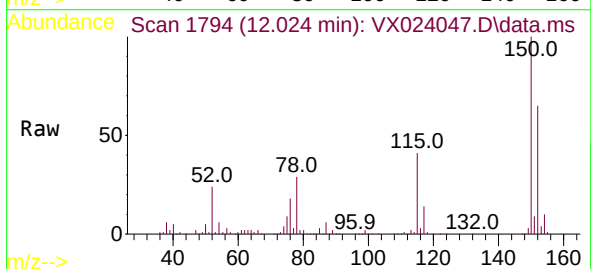
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210827

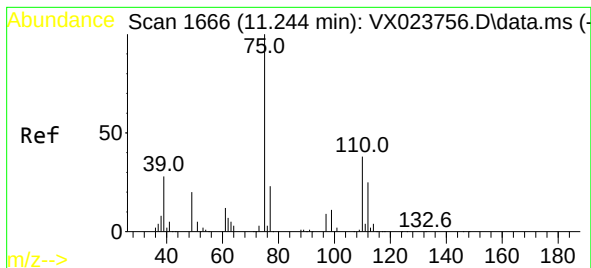
Tgt Ion:117 Resp: 226448
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Tgt Ion:152 Resp: 85972
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 158.0 0.0 349.0

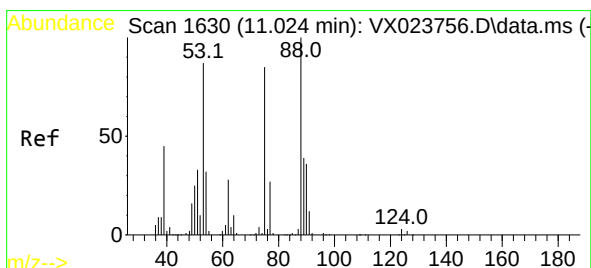
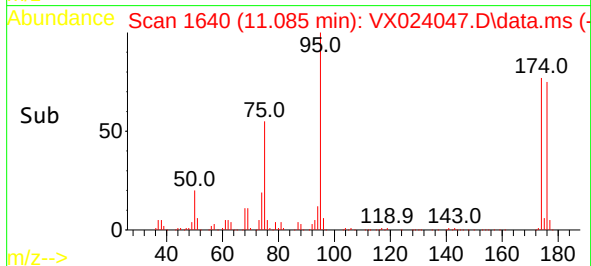
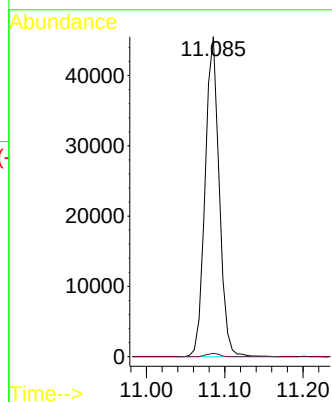
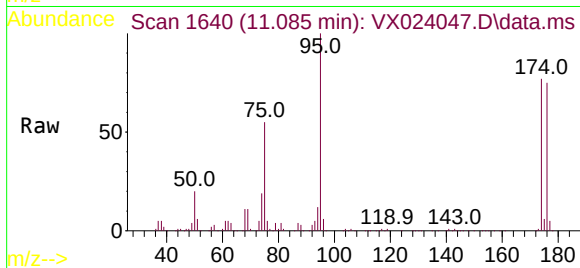




#76
1,2,3-Trichloropropane
Concen: 28.314 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210827

Tgt Ion: 75 Resp: 56783
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.286 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024047.D
Acq: 31 Aug 2021 16:24

Tgt Ion: 75 Resp: 56783
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

