

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028066.D
 Acq On : 12 Apr 2022 19:07
 Operator : JC/MD
 Sample : N2353-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Apr 13 01:14:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

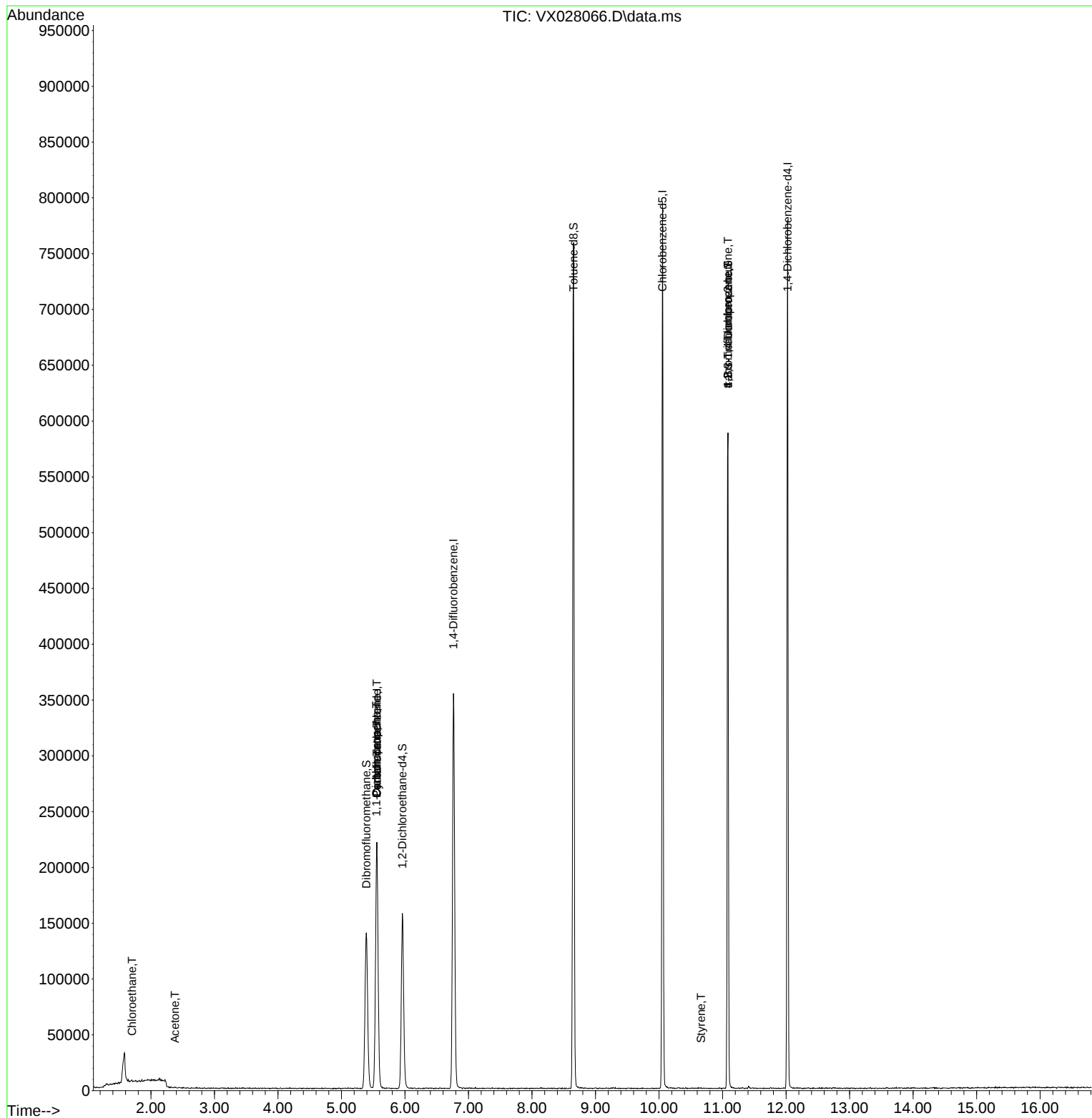
Internal Standards						
1) Pentafluorobenzene	5.556	168	206850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	361636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137499	48.997	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.000%
35) Dibromofluoromethane	5.391	113	116709	49.251	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.500%
50) Toluene-d8	8.653	98	440993	49.898	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.085	95	140802	42.669	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.340%
Target Compounds						
					Qvalue	
5) Bromomethane	1.575	94	431	Below Cal	#	66
6) Chloroethane	1.703	64	364	2.759	ug/l	94
13) Acrolein	2.215	56	504	Below Cal	#	15
16) Acetone	2.380	43	678	0.580	ug/l	99
31) Cyclohexane	5.556	56	4835	1.253	ug/l	# 21
36) 1,1-Dichloropropene	5.550	75	16731	4.626	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	20496	5.308	ug/l	# 17
70) Styrene	10.659	104	46	4.708	ug/l	# 26
76) 1,2,3-Trichloropropane	11.085	75	80690	24.517	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	80690	69.052	ug/l	# 15

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

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STORAGE-BLANK-REF-4

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Response via : Initial Calibration

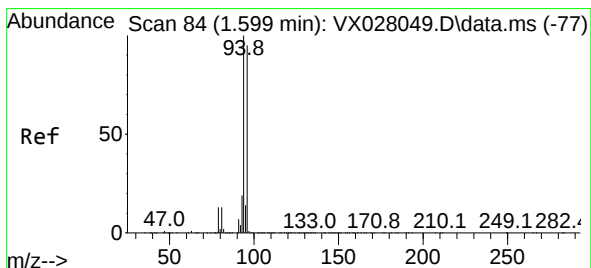
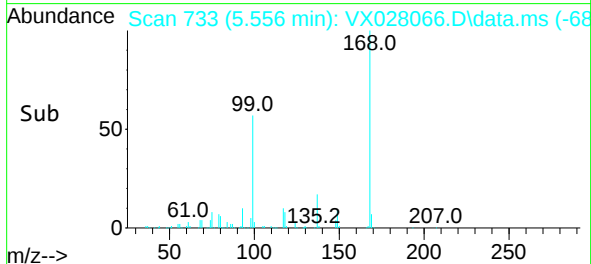
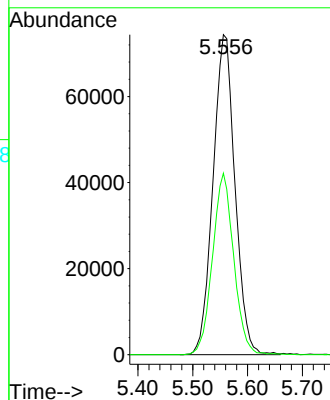
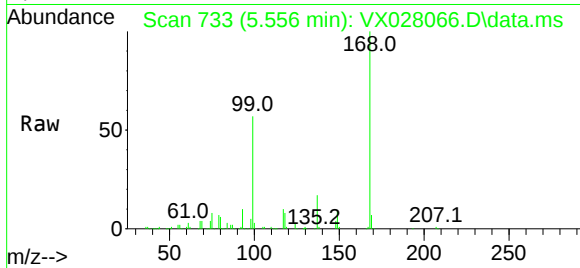




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

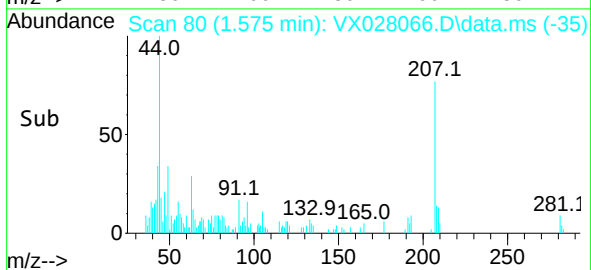
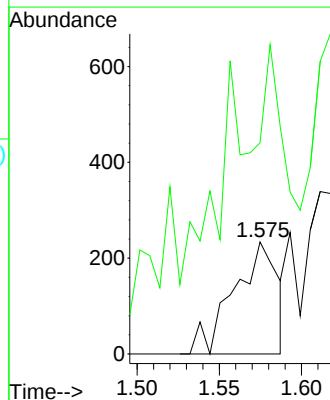
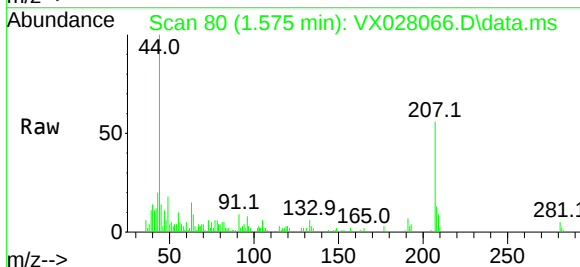
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

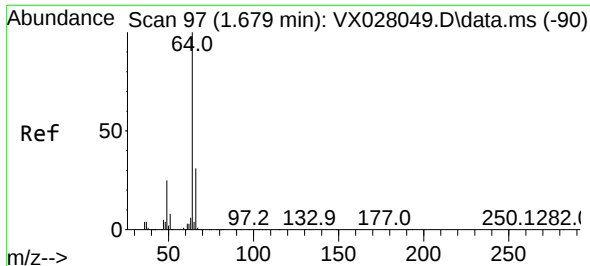
Tgt Ion:168 Resp: 206850
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 126.5 75.3 112.9#

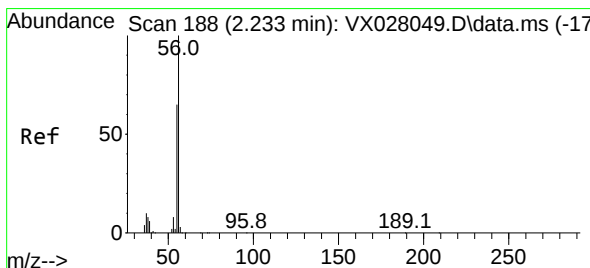
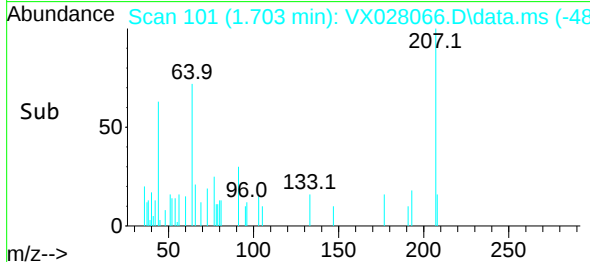
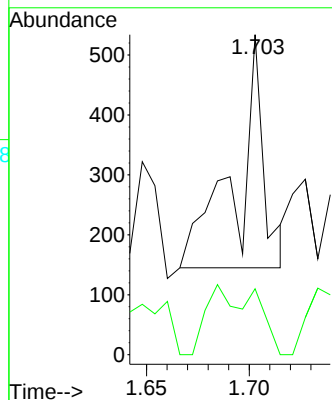
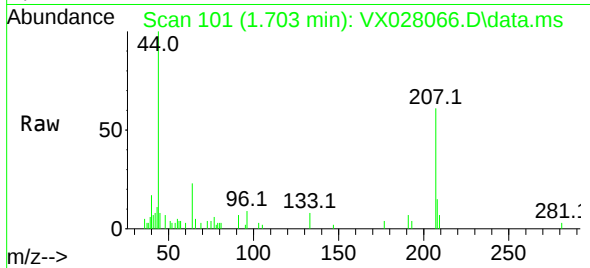




#6
Chloroethane
Concen: 2.759 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

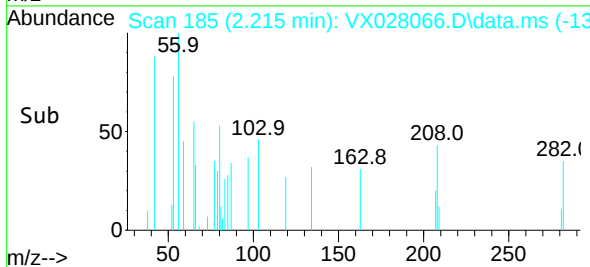
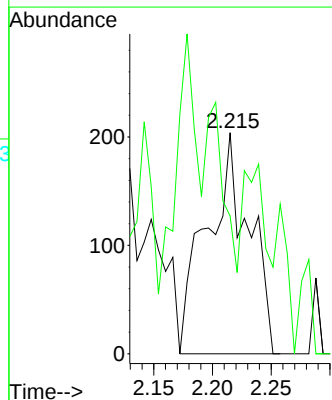
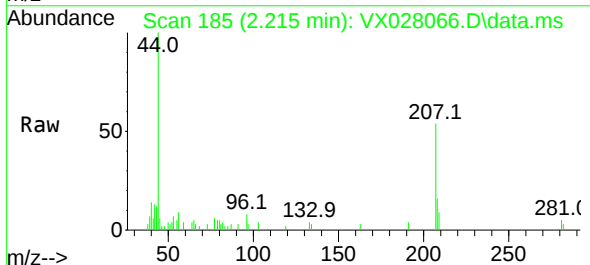
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

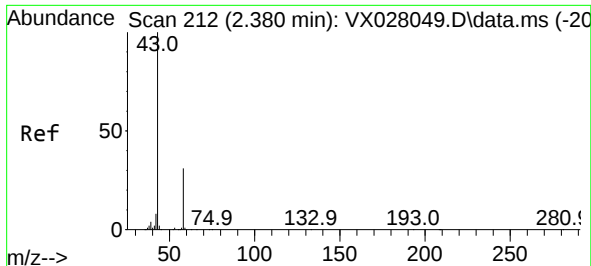
Tgt Ion: 64 Resp: 364
Ion Ratio Lower Upper
64 100
66 28.3 25.3 37.9



#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

Tgt Ion: 56 Resp: 504
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

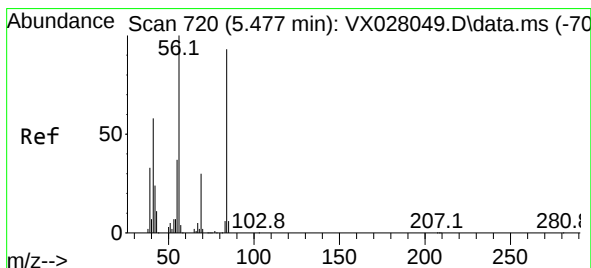
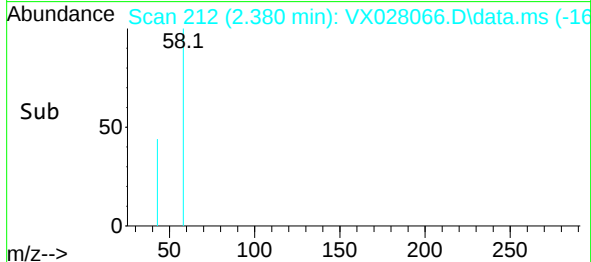
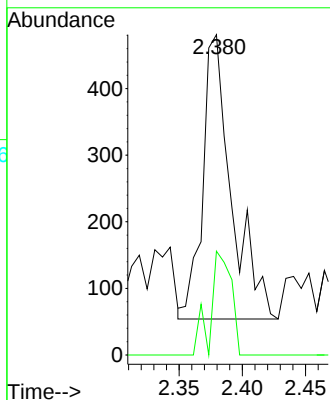
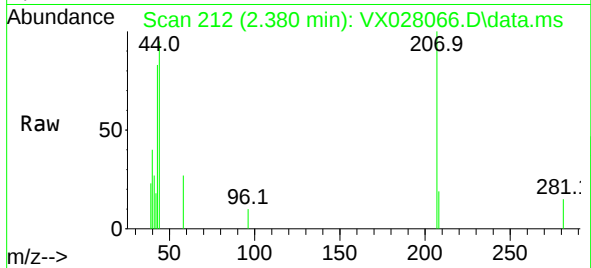




#16
Acetone
Concen: 0.580 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

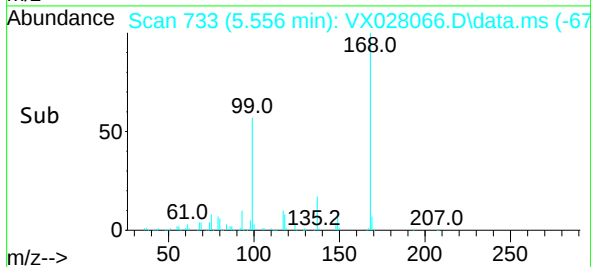
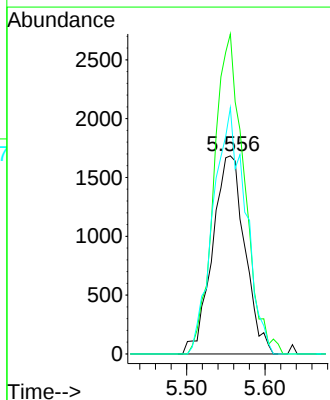
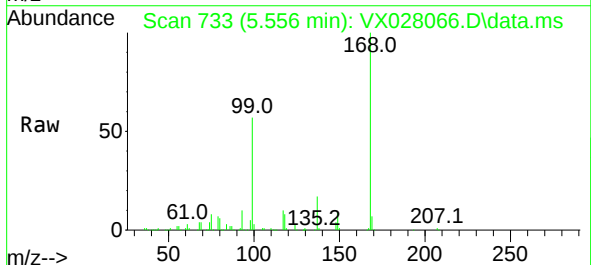
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

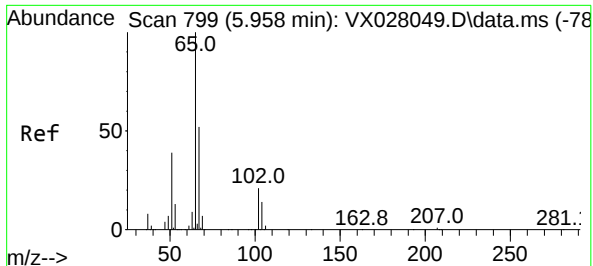
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

Tgt Ion: 56 Resp: 4835
Ion Ratio Lower Upper
56 100
69 161.6 26.7 40.1#
84 124.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.997 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028066.D

Acq: 12 Apr 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

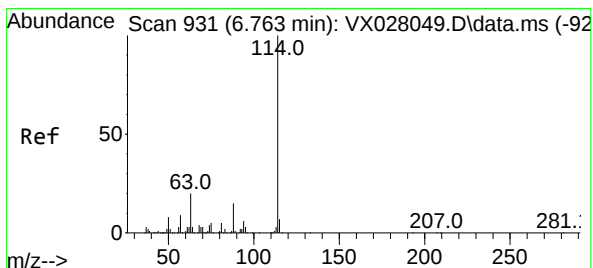
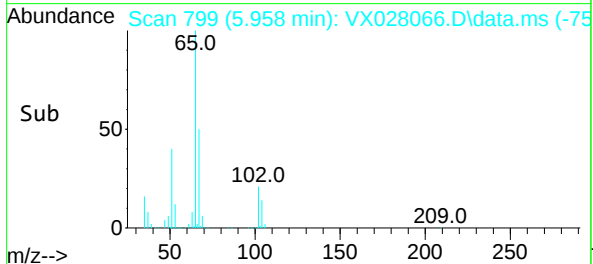
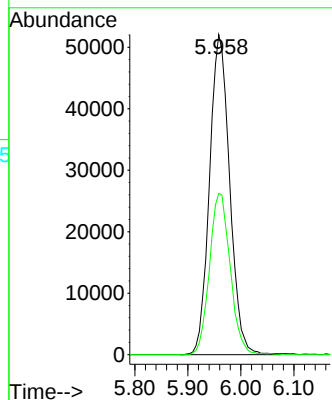
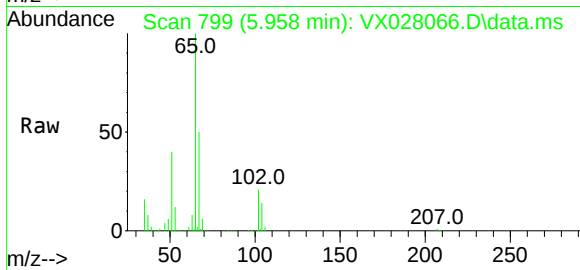
STORAGE-BLANK-REF-4

Tgt Ion: 65 Resp: 137499

Ion Ratio Lower Upper

65 100

67 51.8 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: VX028066.D

Acq: 12 Apr 2022 19:07

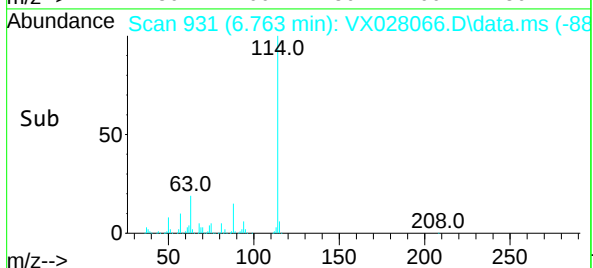
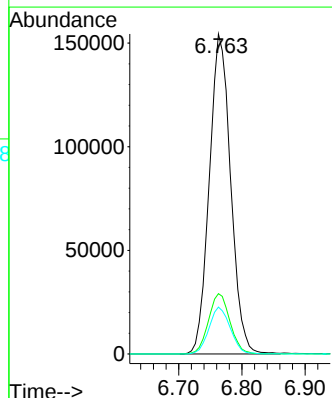
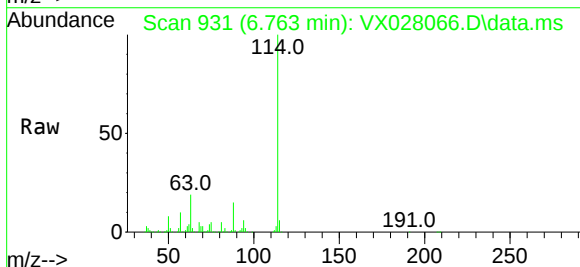
Tgt Ion: 114 Resp: 361636

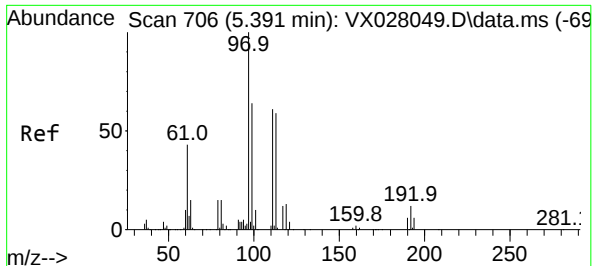
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 14.6 0.0 32.4

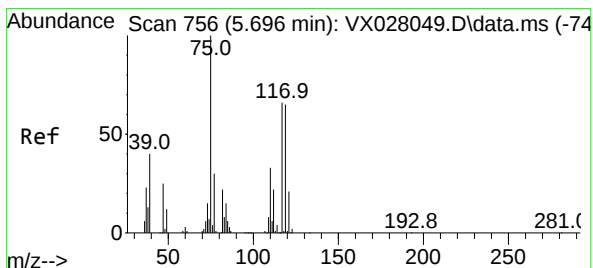
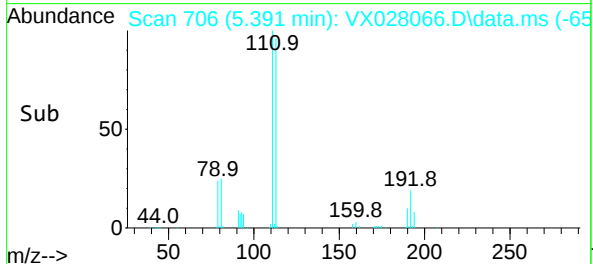
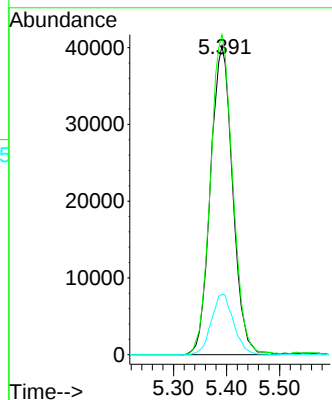
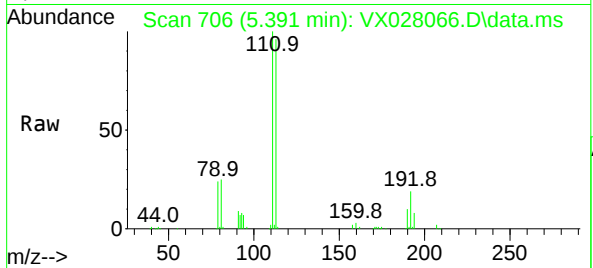




#35
Dibromofluoromethane
Concen: 49.251 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

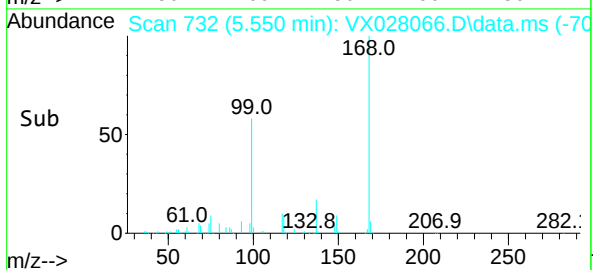
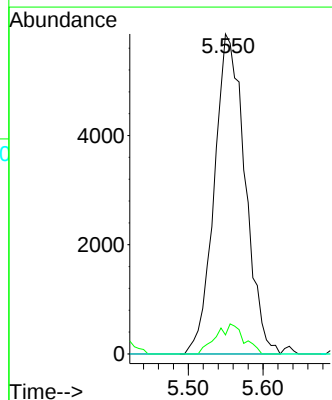
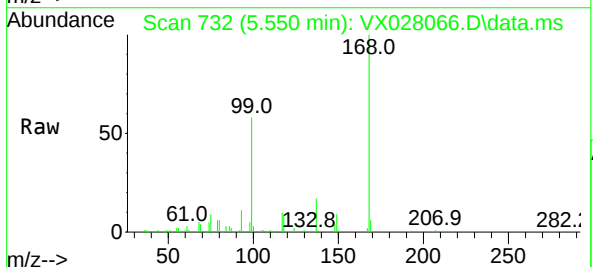
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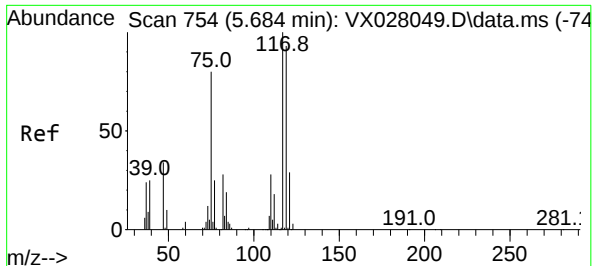
Tgt Ion:113 Resp: 116709
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

Tgt Ion: 75 Resp: 16731
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 24.8 37.2#

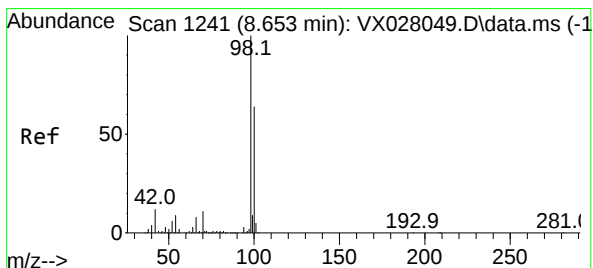
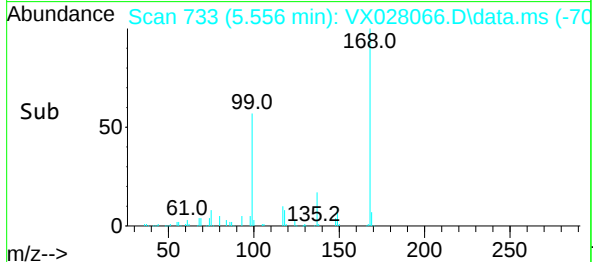
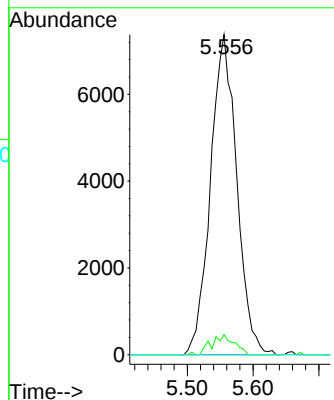
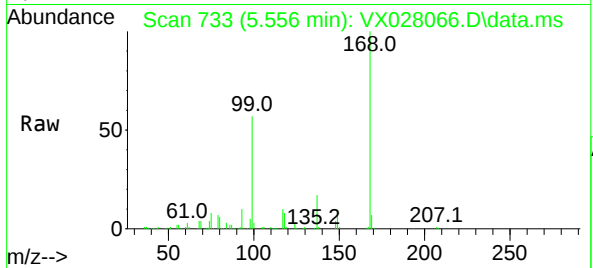




#38
Carbon Tetrachloride
Concen: 5.308 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

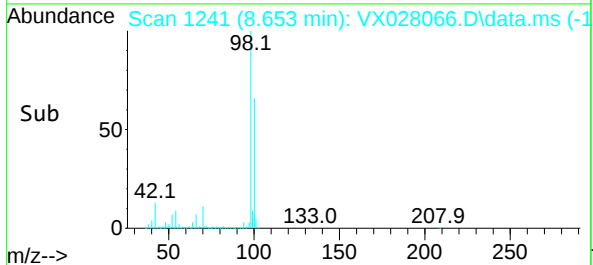
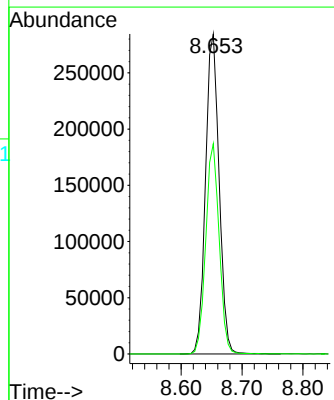
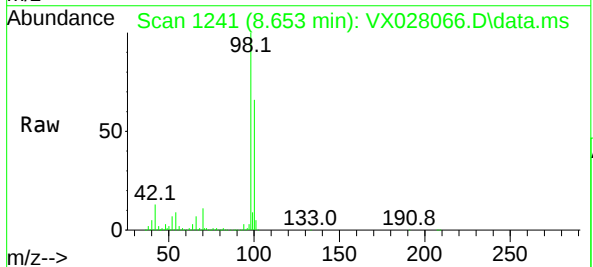
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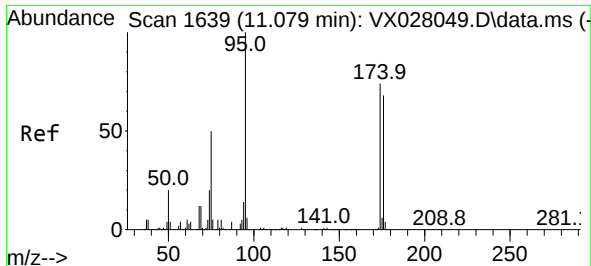
Tgt Ion:117 Resp: 20496
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.898 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

Tgt Ion: 98 Resp: 440993
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

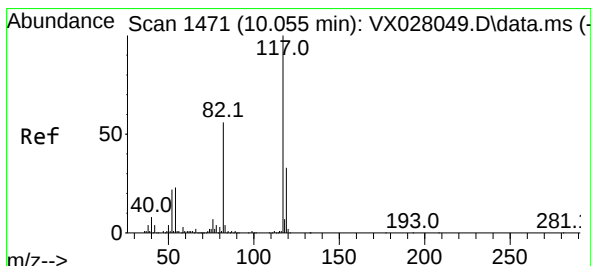
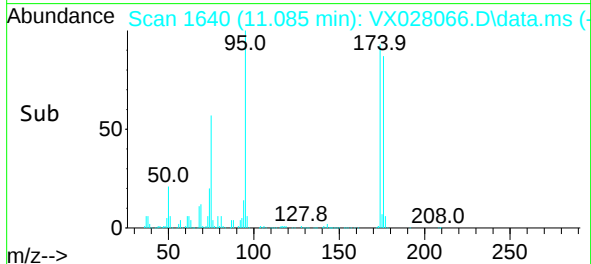
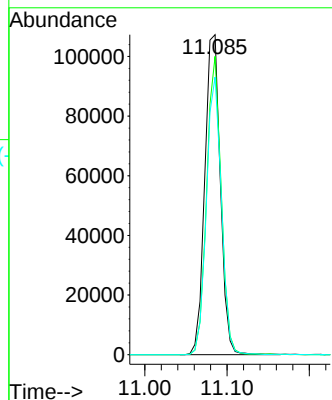
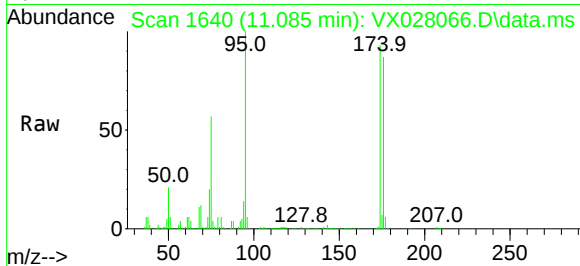




#62
4-Bromofluorobenzene
Concen: 42.669 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

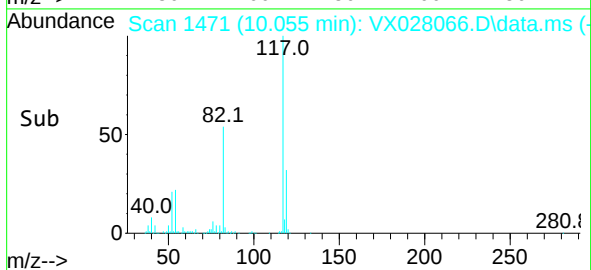
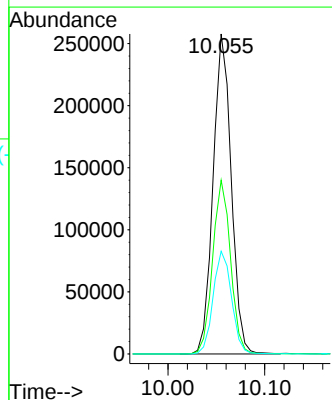
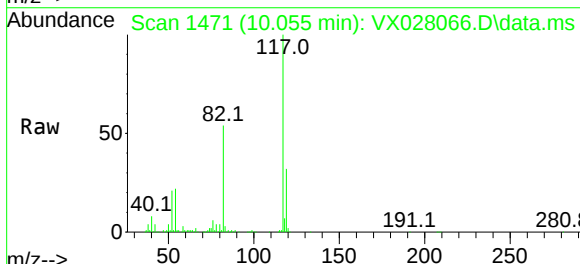
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

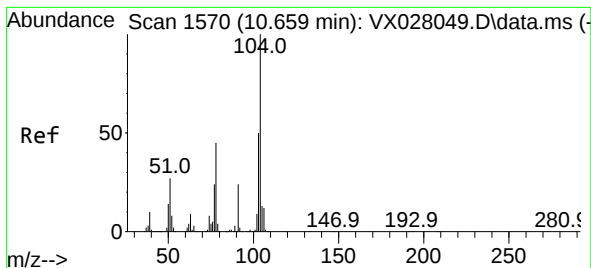
Tgt Ion: 95 Resp: 140802
Ion Ratio Lower Upper
95 100
174 87.7 0.0 163.0
176 84.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

Tgt Ion: 117 Resp: 335855
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 32.1 24.8 37.2





#70

Styrene

Concen: 4.708 ug/l

RT: 10.659 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028066.D

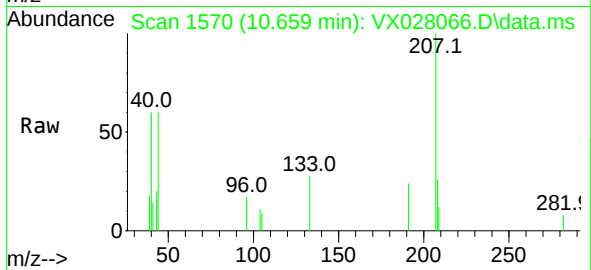
Acq: 12 Apr 2022 19:07

Instrument :

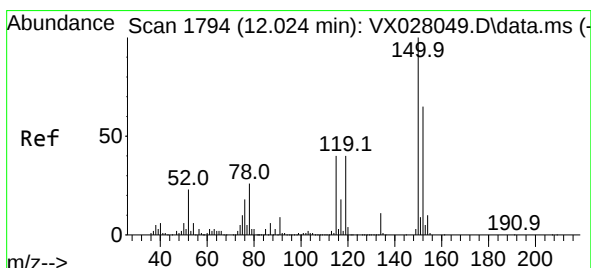
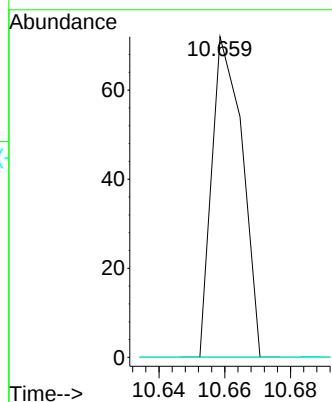
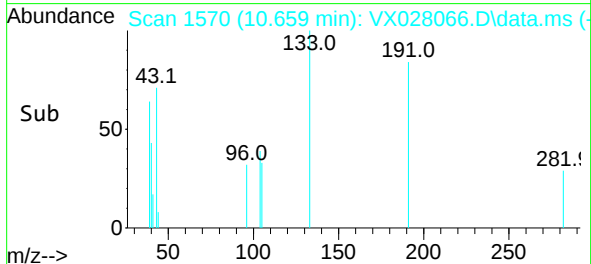
MSVOA_X

ClientSampleId :

STORAGE-BLANK-REF-4



Tgt Ion:	104	Resp:	46
Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.6	57.8#
103	0.0	43.8	65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

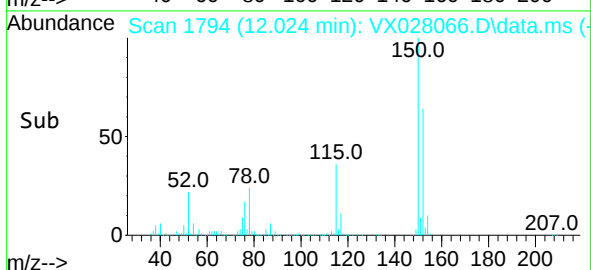
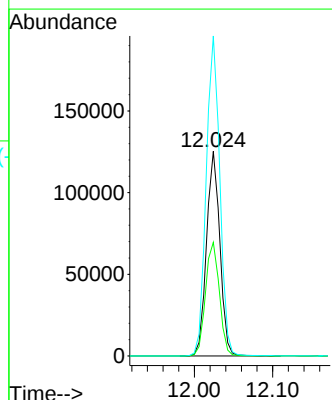
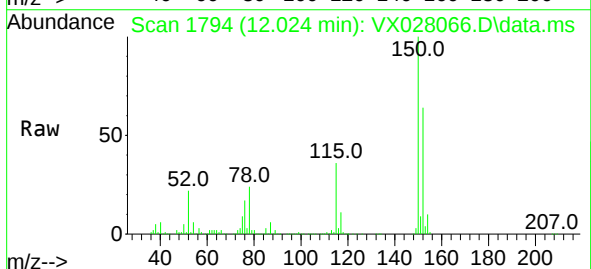
RT: 12.024 min Scan# 1794

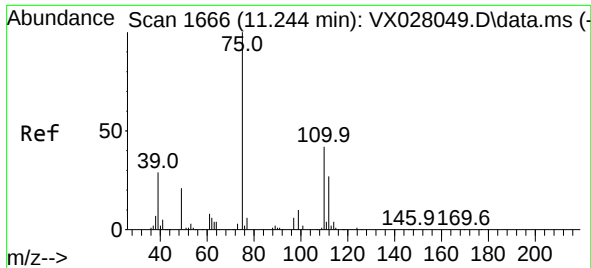
Delta R.T. 0.000 min

Lab File: VX028066.D

Acq: 12 Apr 2022 19:07

Tgt Ion:	152	Resp:	147835
Ion	Ratio	Lower	Upper
152	100		
115	57.6	37.5	112.7
150	159.5	0.0	338.2

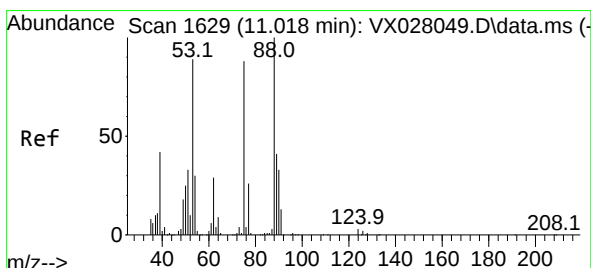
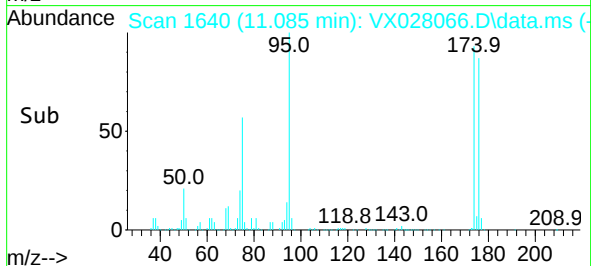
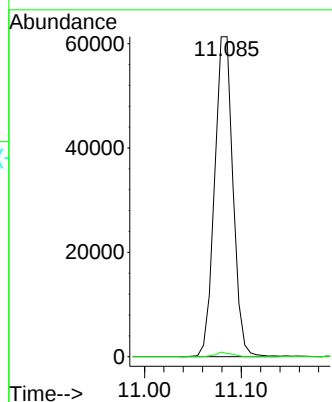
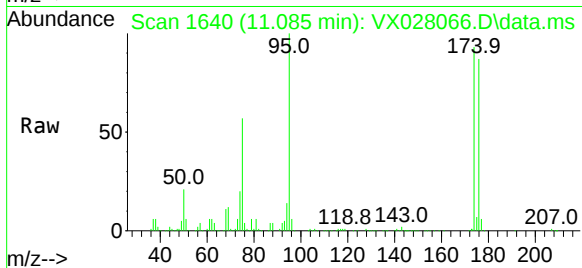




#76
1,2,3-Trichloropropane
Concen: 24.517 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

Tgt Ion: 75 Resp: 80690
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.052 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028066.D
Acq: 12 Apr 2022 19:07

Tgt Ion: 75 Resp: 80690
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

