

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027646.D
 Acq On : 23 Mar 2022 04:54
 Operator : JC/MD
 Sample : N2028-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-125

Quant Time: Mar 23 07:43:58 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)

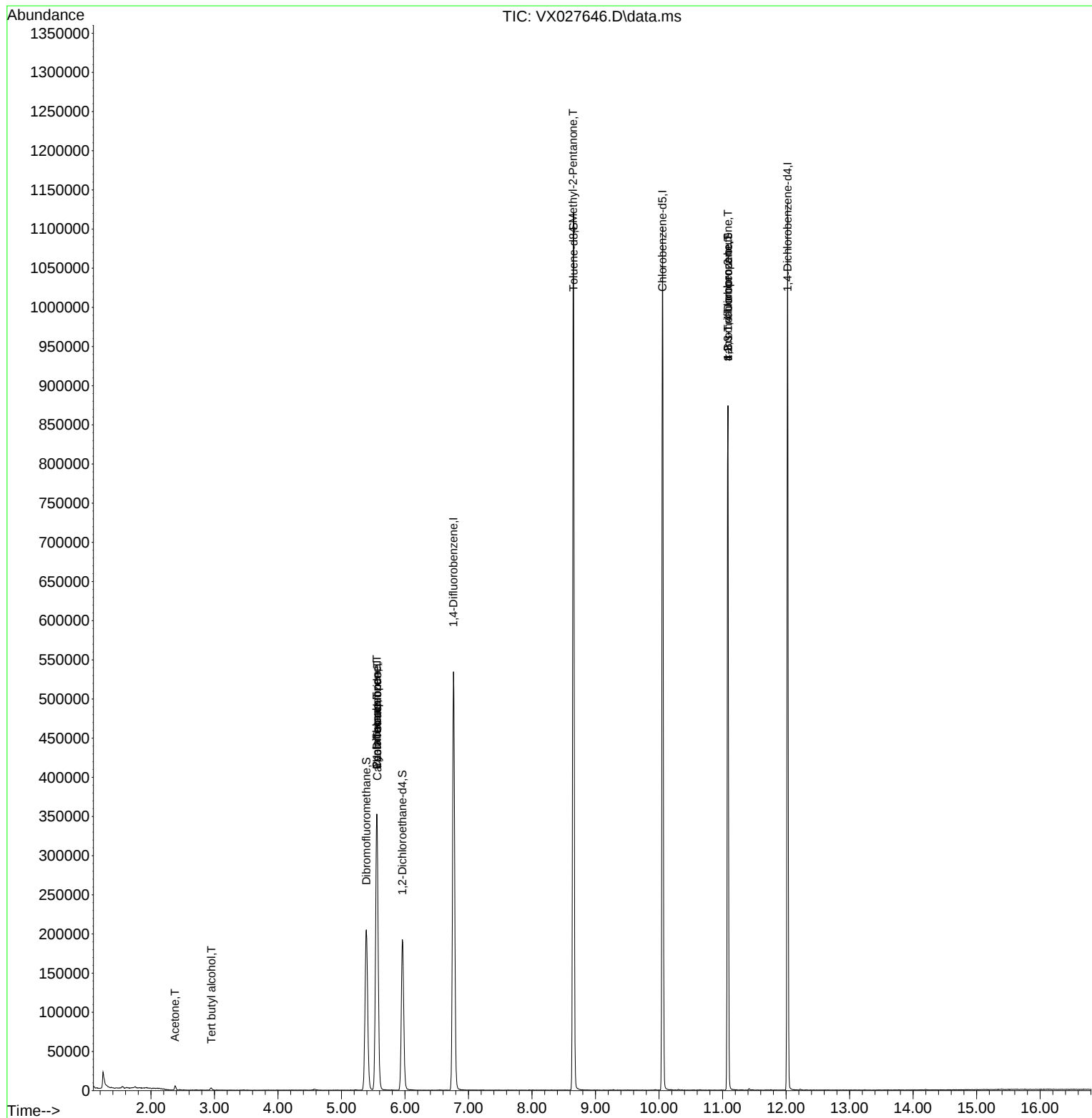
Internal Standards						
1) Pentafluorobenzene	5.556	168	370823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	544646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183120	40.086	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	80.180%
35) Dibromofluoromethane	5.391	113	186279	48.499	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.000%
50) Toluene-d8	8.653	98	694742	47.800	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.600%
62) 4-Bromofluorobenzene	11.085	95	242462	45.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	667	Below Cal	#	60
11) Tert butyl alcohol	2.953	59	1701	1.954	ug/l #	72
16) Acetone	2.379	43	5545	2.978	ug/l #	87
31) Cyclohexane	5.556	56	5128	0.904	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22668	4.319	ug/l #	50
38) Carbon Tetrachloride	5.562	117	34152	5.687	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2284	0.425	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	113572	23.317	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	113572	70.813	ug/l #	15

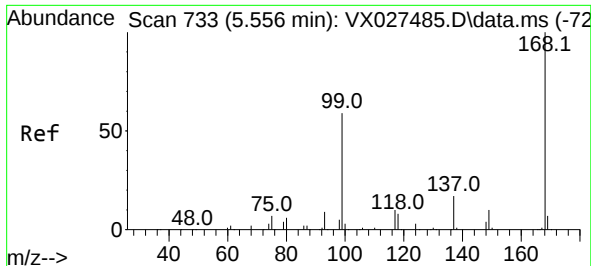
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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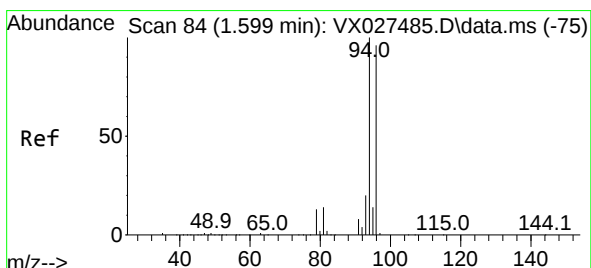
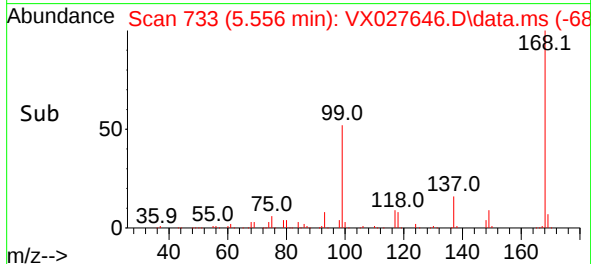
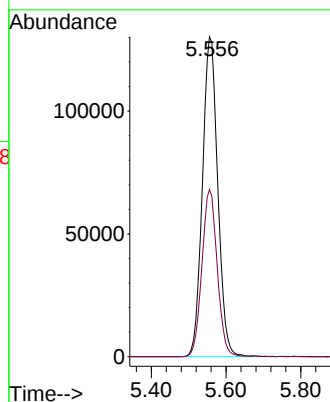
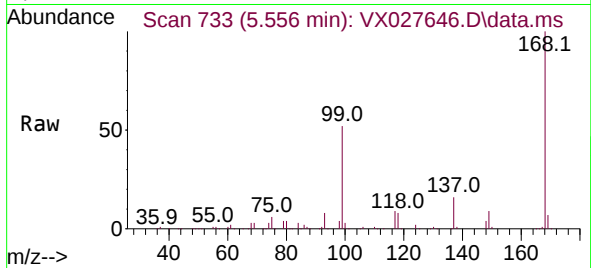




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

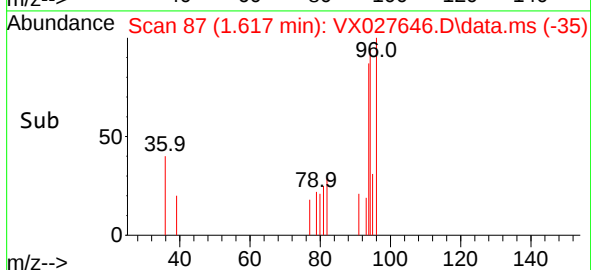
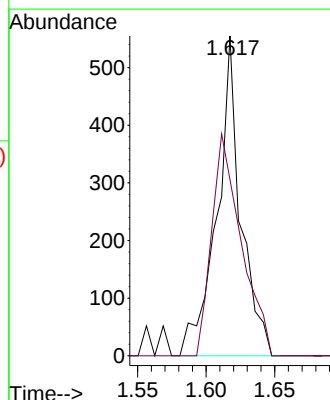
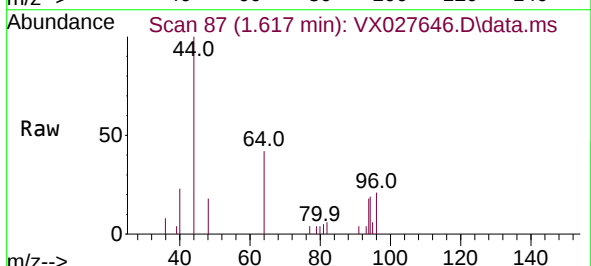
Instrument :
MSVOA_X
ClientSampleId :
MW-125

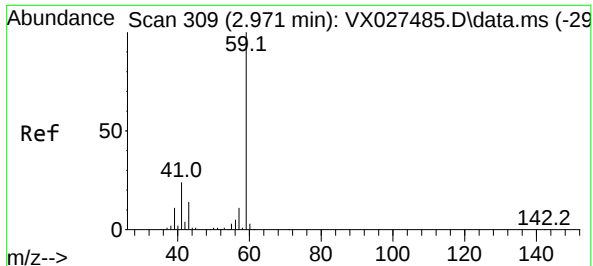
Tgt Ion:168 Resp: 370823
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

Tgt Ion: 94 Resp: 667
Ion Ratio Lower Upper
94 100
96 55.1 75.3 112.9#





#11

Tert butyl alcohol

Concen: 1.954 ug/l

RT: 2.953 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX027646.D

Acq: 23 Mar 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

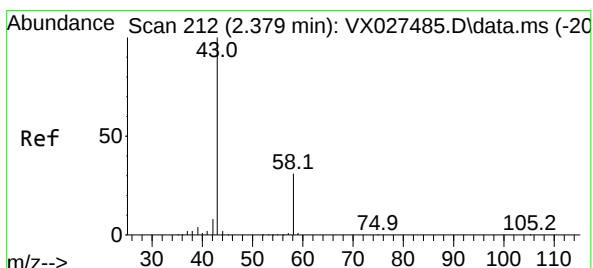
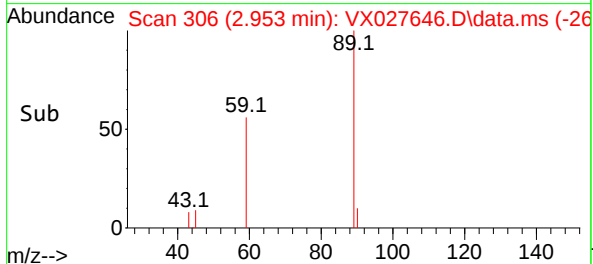
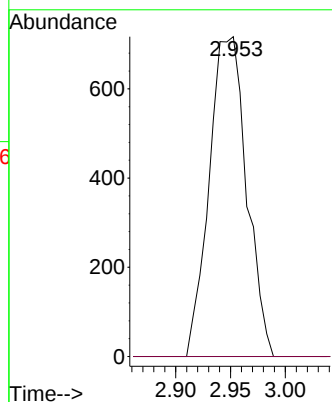
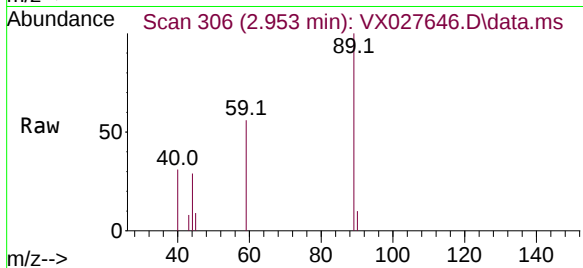
MW-125

Tgt Ion: 59 Resp: 1701

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.978 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027646.D

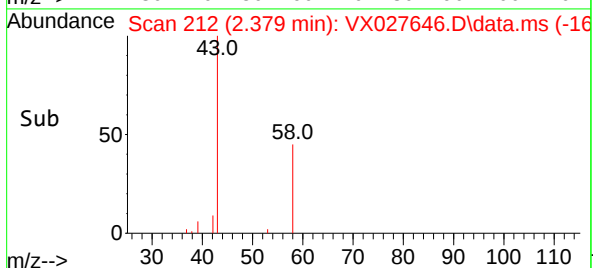
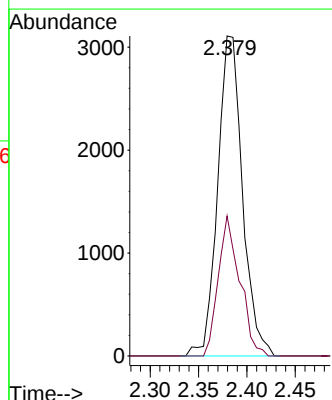
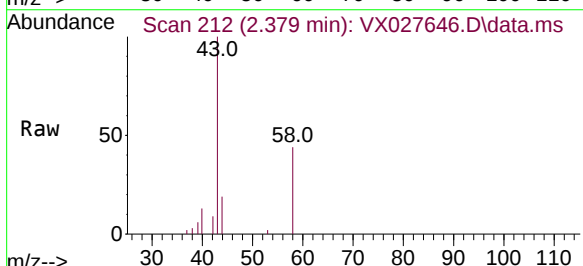
Acq: 23 Mar 2022 04:54

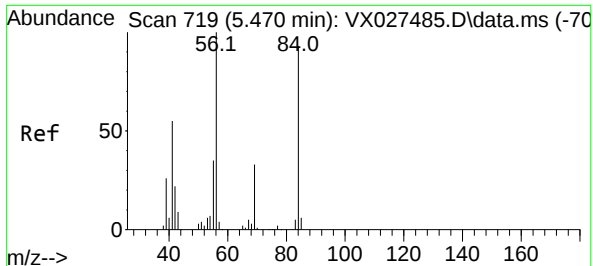
Tgt Ion: 43 Resp: 5545

Ion Ratio Lower Upper

43 100

58 43.8 28.8 43.2#

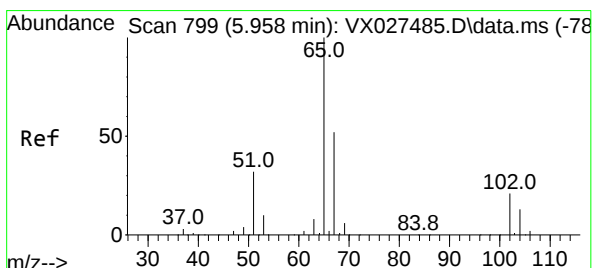
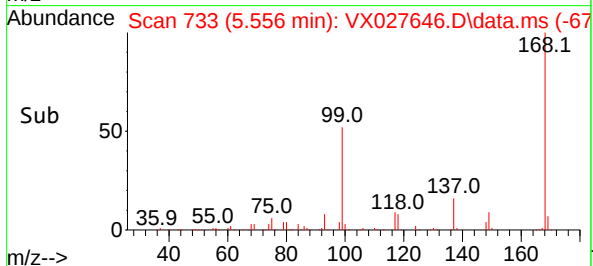
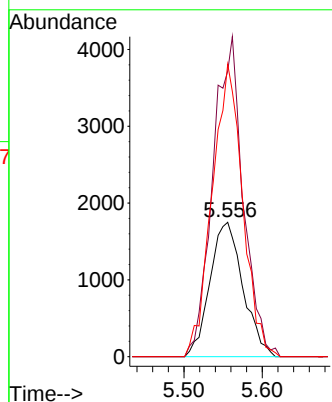
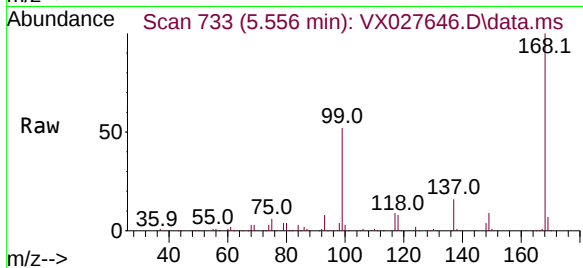




#31
Cyclohexane
Concen: 0.904 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

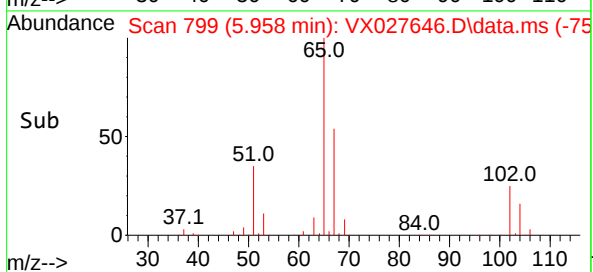
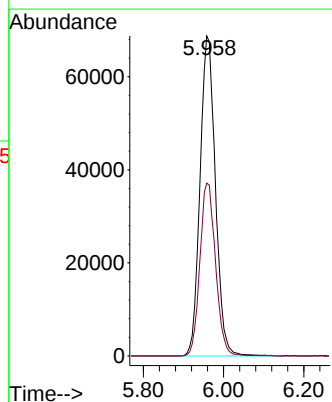
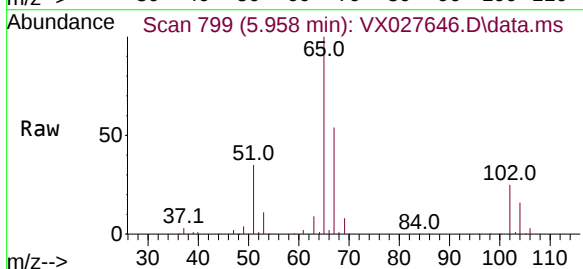
Instrument :
MSVOA_X
ClientSampleId :
MW-125

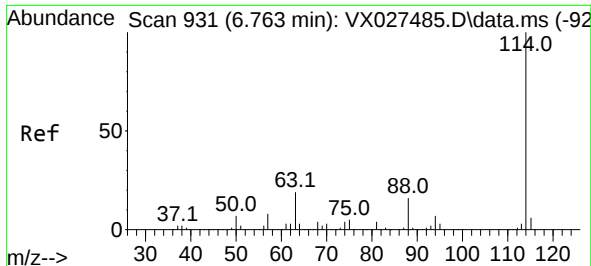
Tgt Ion: 56 Resp: 5128
Ion Ratio Lower Upper
56 100
69 212.5 26.7 40.1#
84 217.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.086 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

Tgt Ion: 65 Resp: 183120
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.4

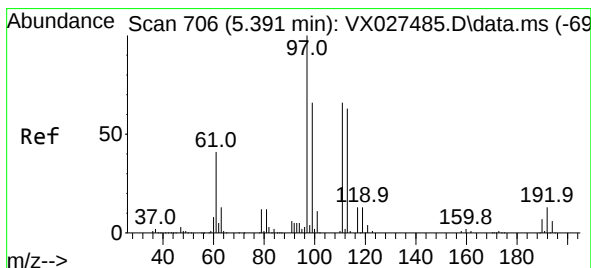
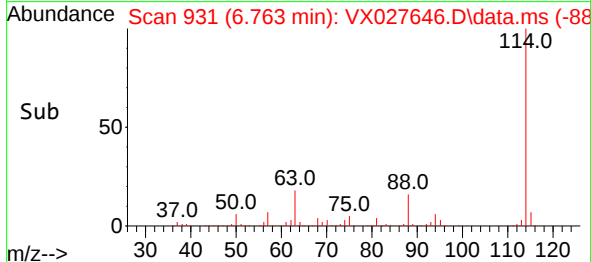
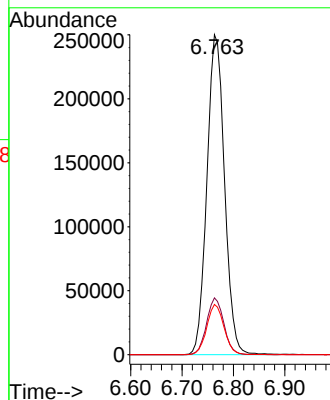
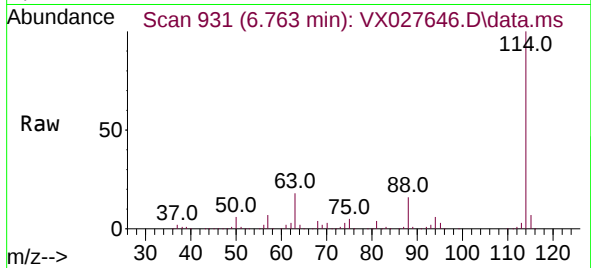




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX027646.D
 Acq: 23 Mar 2022 04:54

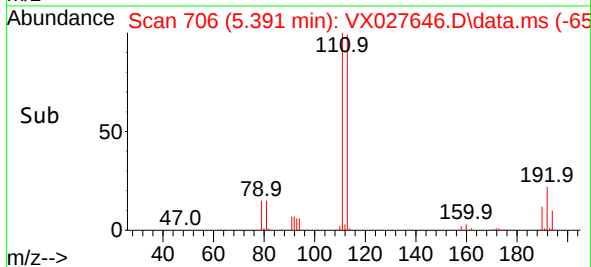
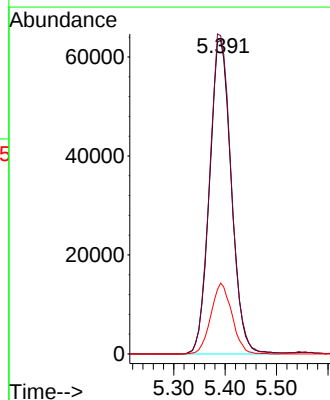
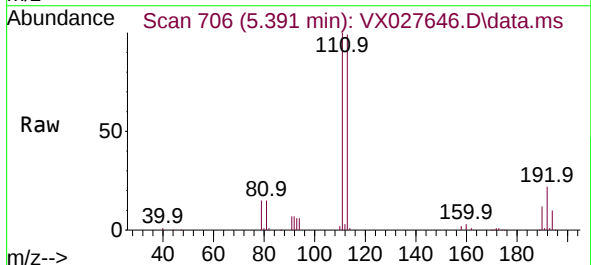
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-125

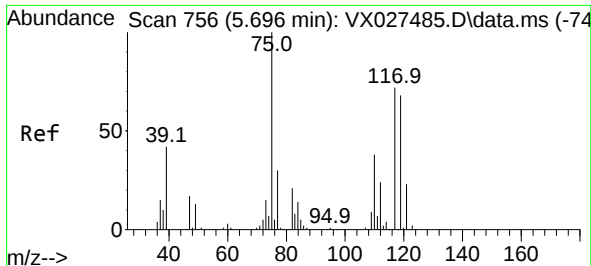
Tgt Ion:114 Resp: 596983
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 15.7 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 48.499 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX027646.D
 Acq: 23 Mar 2022 04:54

Tgt Ion:113 Resp: 186279
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 21.8 16.9 25.3

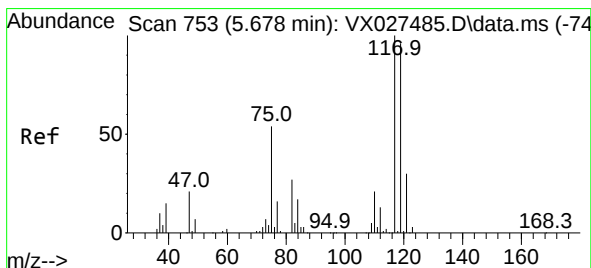
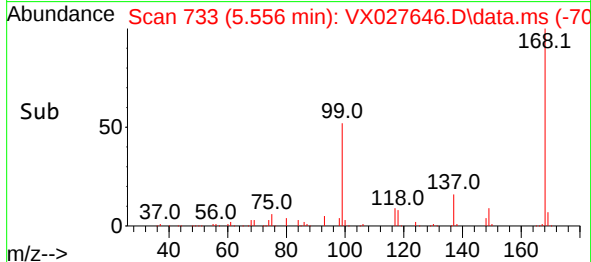
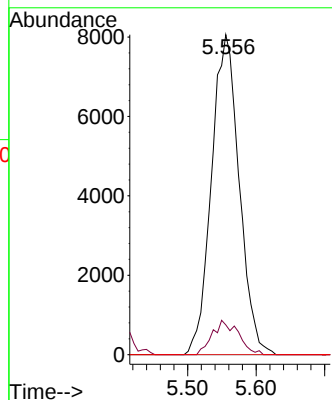
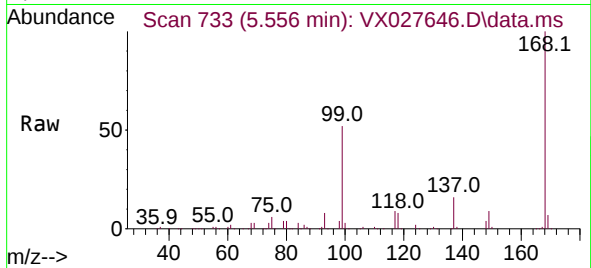




#36
1,1-Dichloropropene
Concen: 4.319 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

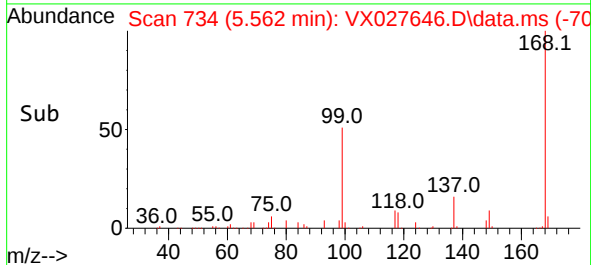
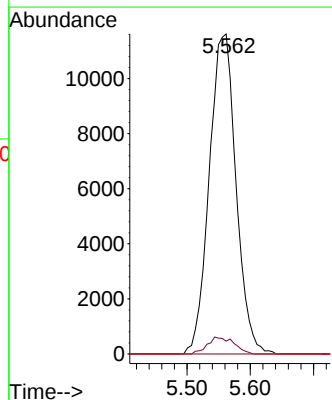
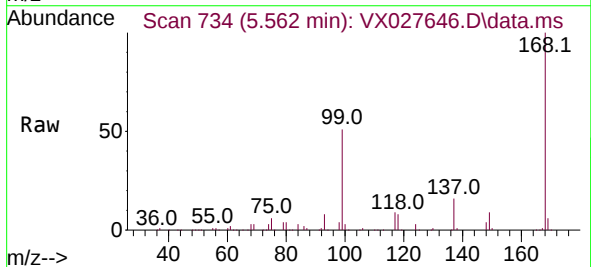
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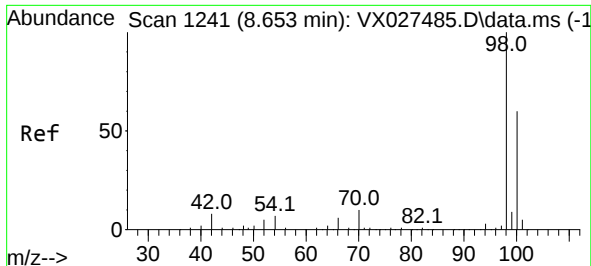
Tgt Ion: 75 Resp: 22668
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

Tgt Ion: 117 Resp: 34152
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#

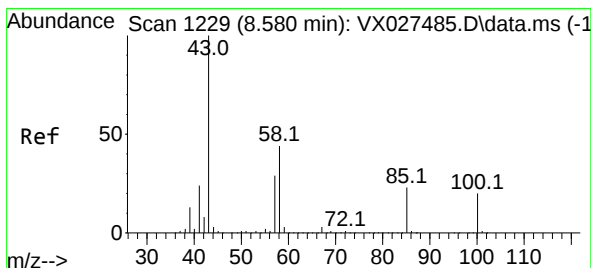
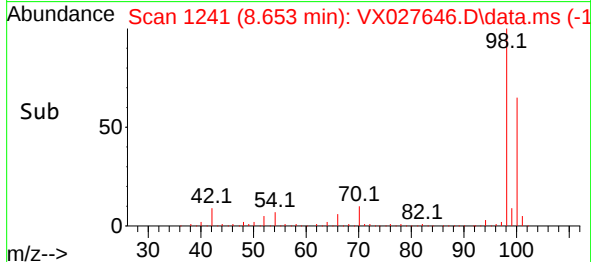
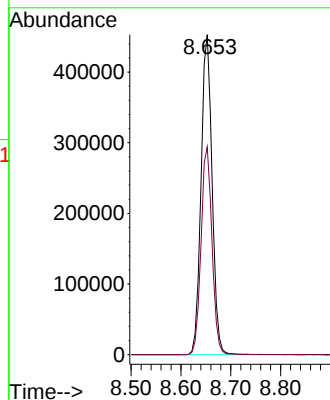
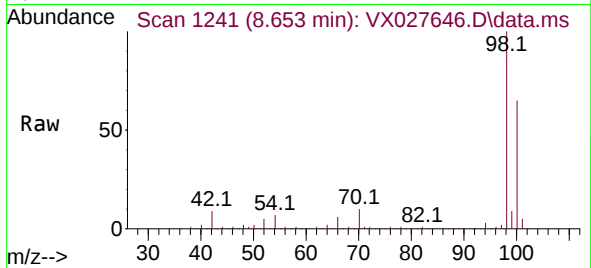




#50
Toluene-d8
Concen: 47.800 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

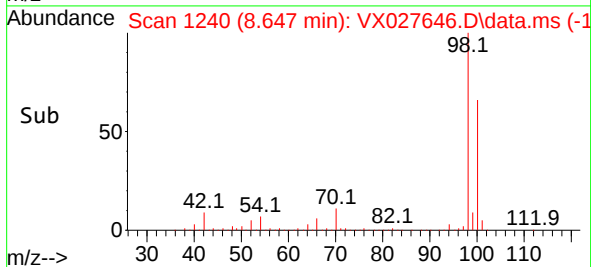
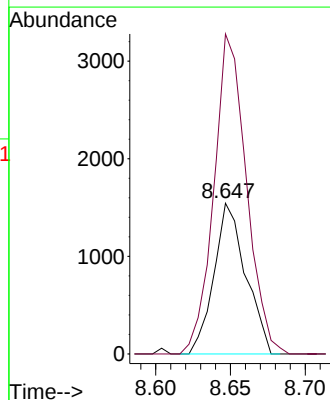
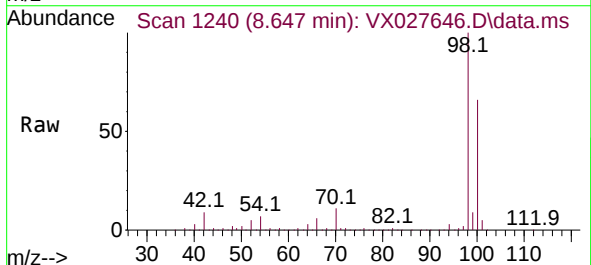
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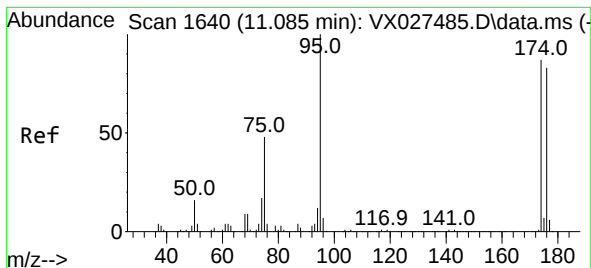
Tgt Ion: 98 Resp: 694742
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
58 217.3 36.1 54.1#

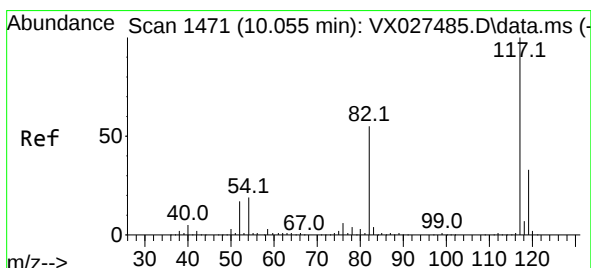
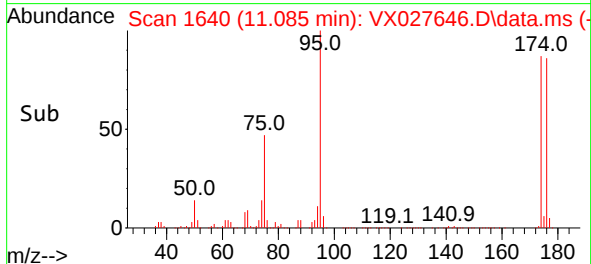
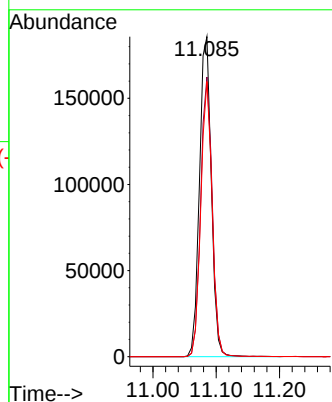
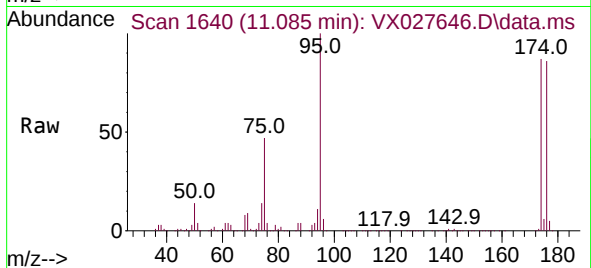




#62
4-Bromofluorobenzene
Concen: 45.386 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

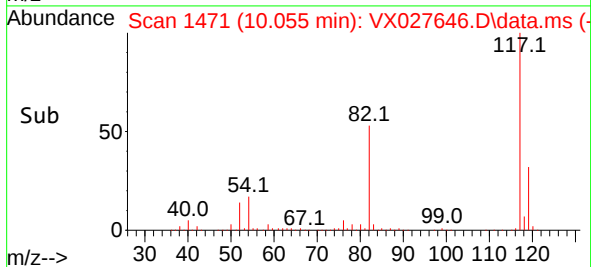
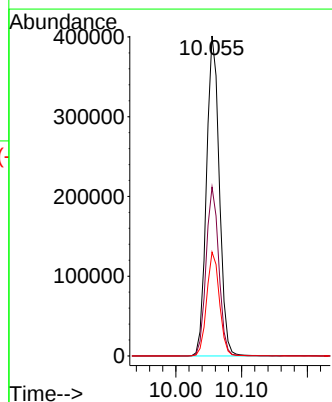
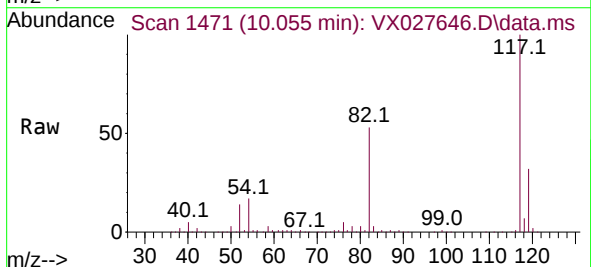
Instrument :
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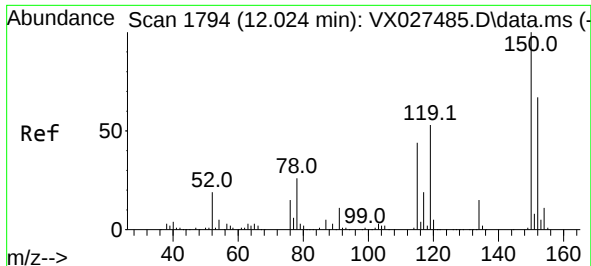
Tgt Ion: 95 Resp: 242462
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 82.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027646.D
Acq: 23 Mar 2022 04:54

Tgt Ion: 117 Resp: 544646
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 32.4 24.8 37.2

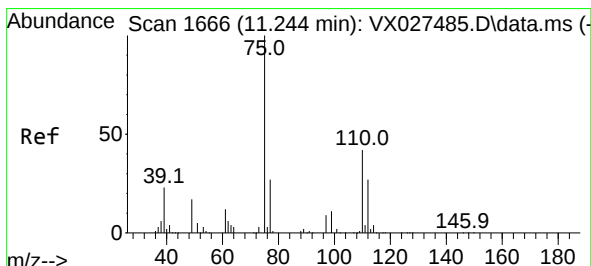
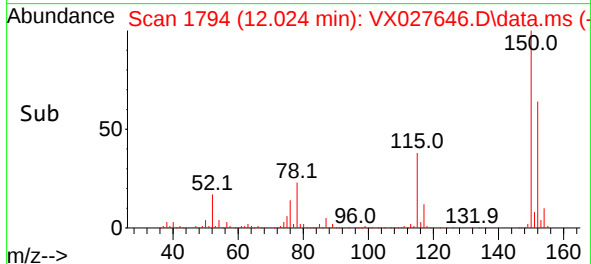
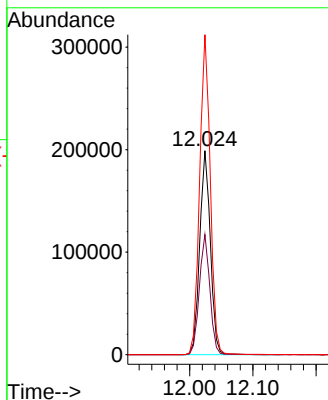
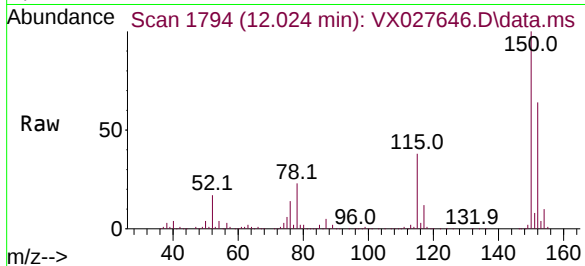




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX027646.D
 Acq: 23 Mar 2022 04:54

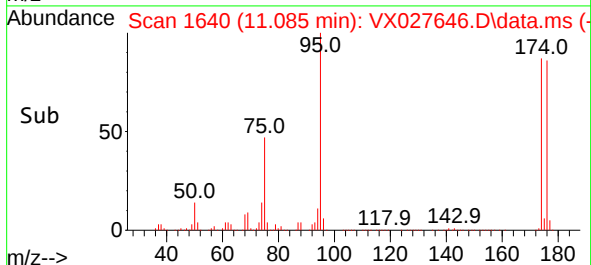
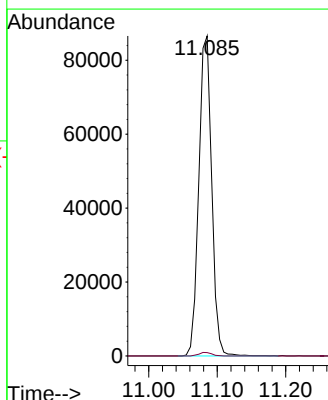
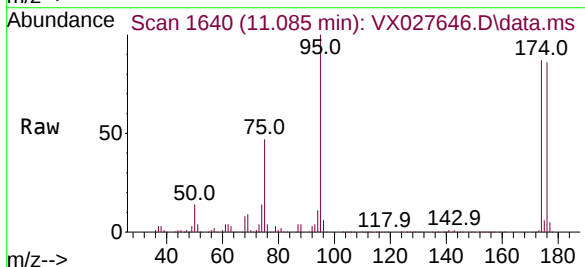
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-125

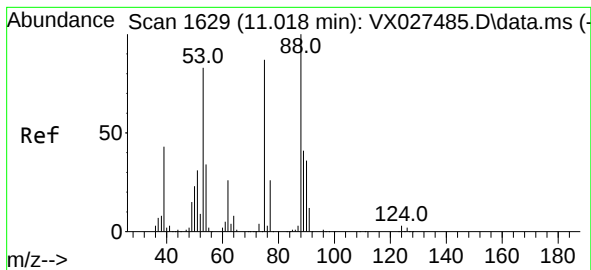
Tgt Ion:152 Resp: 232870
 Ion Ratio Lower Upper
 152 100
 115 58.5 37.5 112.7
 150 156.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.317 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX027646.D
 Acq: 23 Mar 2022 04:54

Tgt Ion: 75 Resp: 113572
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.813 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027646.D
 Acq: 23 Mar 2022 04:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-125

Tgt Ion: 75 Resp: 113572
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

