

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032483.D
 Acq On : 31 Oct 2022 13:24
 Operator : JC/MD
 Sample : N5383-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 256317-7

Quant Time: Nov 01 05:08:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

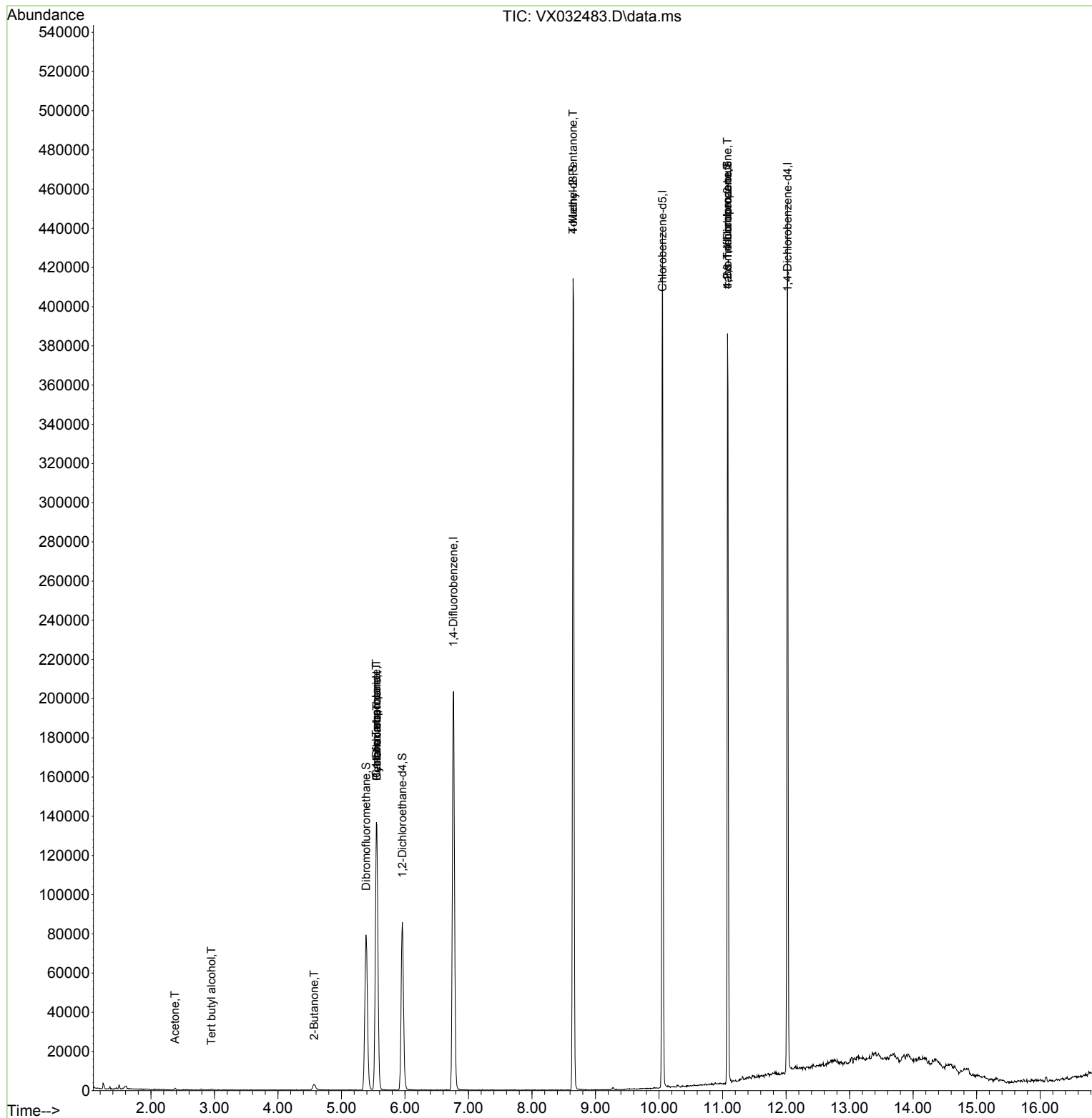
Internal Standards						
1) Pentafluorobenzene	5.556	168	127737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85555	48.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.400%
35) Dibromofluoromethane	5.385	113	67050	45.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.220%
50) Toluene-d8	8.647	98	246308	47.653	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.300%
62) 4-Bromofluorobenzene	11.079	95	96114	47.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	660	2.555	ug/l #	72
16) Acetone	2.380	43	947	1.468	ug/l #	84
25) 2-Butanone	4.568	43	238	0.238	ug/l #	47
31) Cyclohexane	5.556	56	3023	1.405	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	10292	4.972	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13507	5.883	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1159	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53173	26.871	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53173	85.503	ug/l #	7

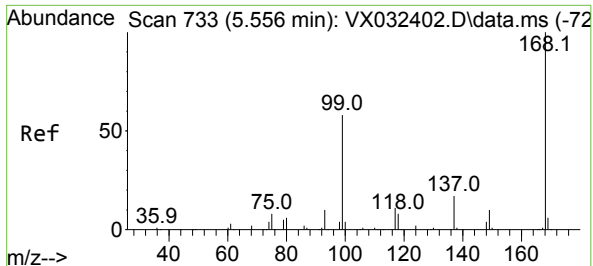
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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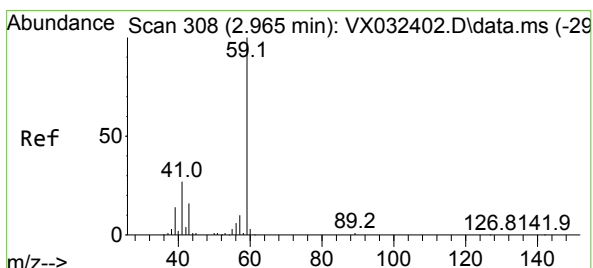
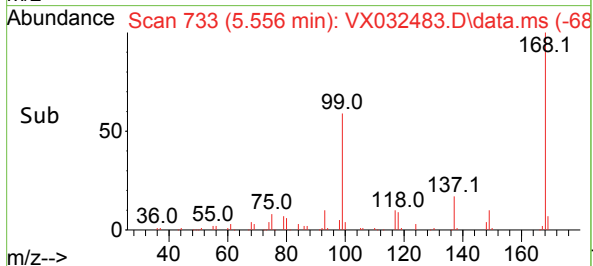
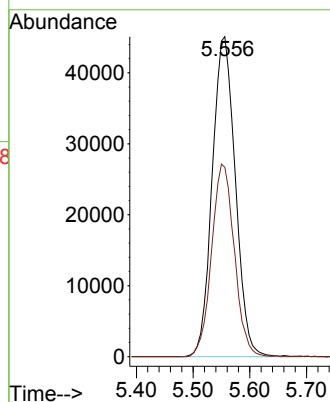
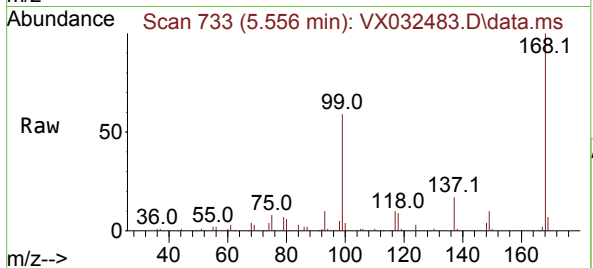




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

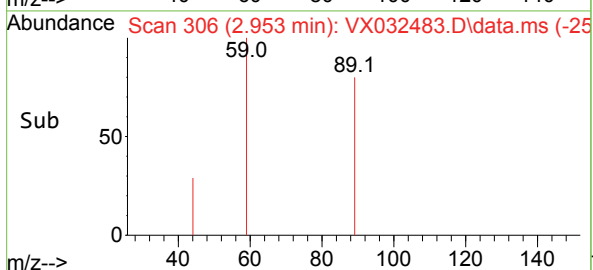
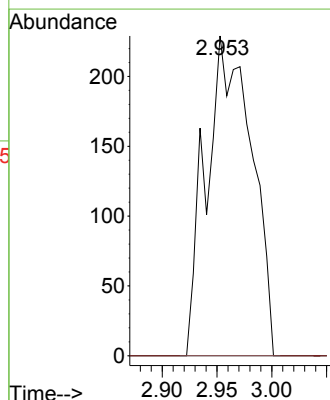
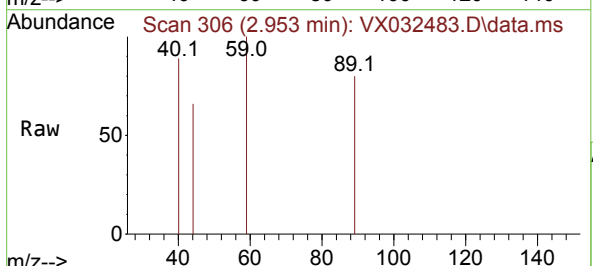
Instrument :
MSVOA_X
ClientSampleId :
256317-7

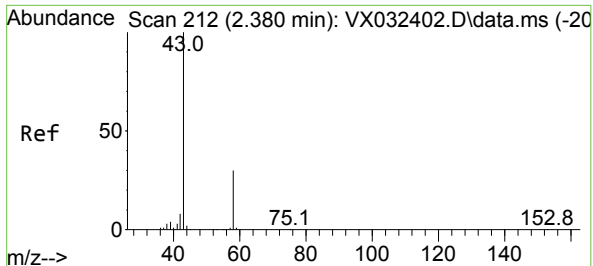
Tgt Ion:168 Resp: 127737
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.555 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

Tgt Ion: 59 Resp: 660
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

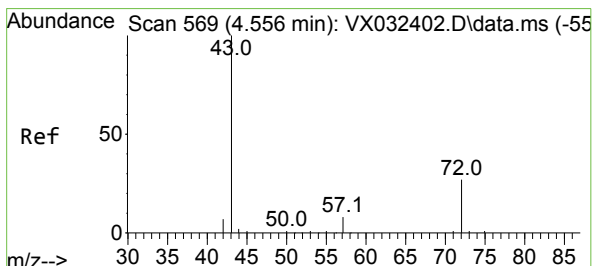
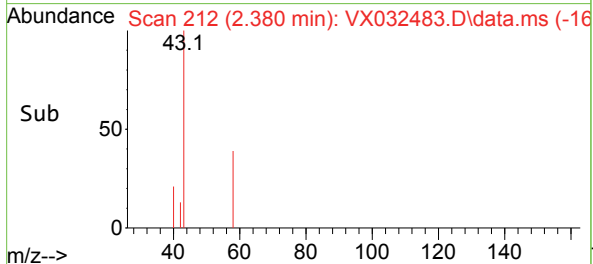
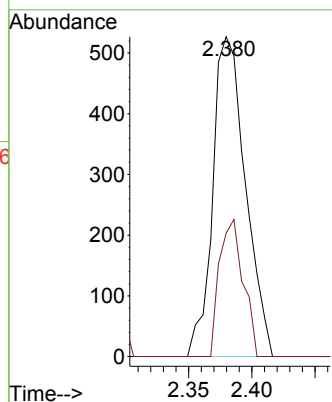
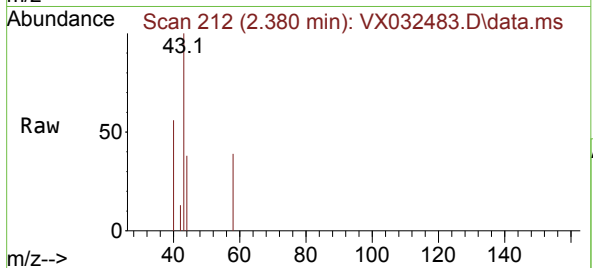




#16
Acetone
Concen: 1.468 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

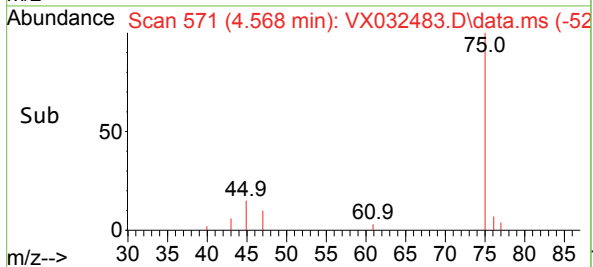
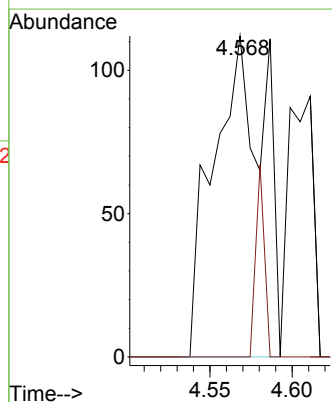
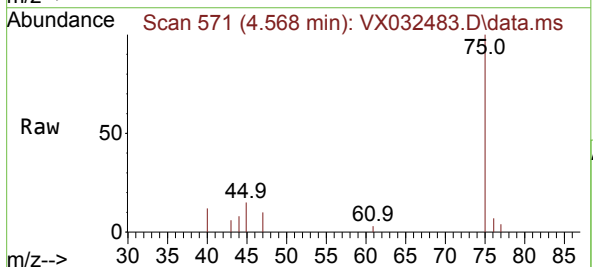
Instrument :
MSVOA_X
ClientSampleId :
256317-7

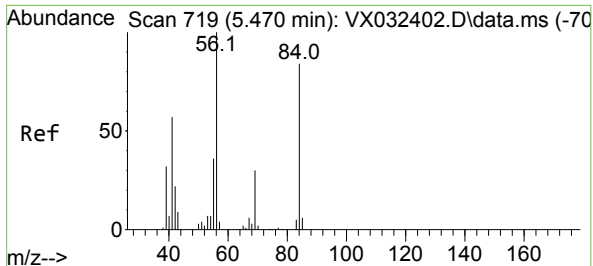
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 38.5 23.8 35.8#



#25
2-Butanone
Concen: 0.238 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#

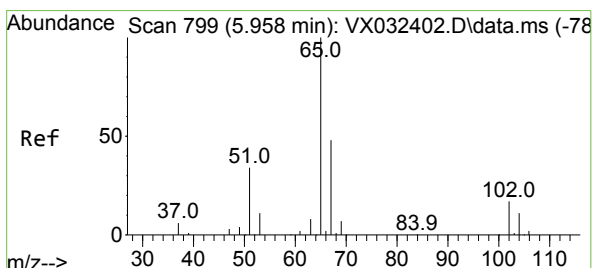
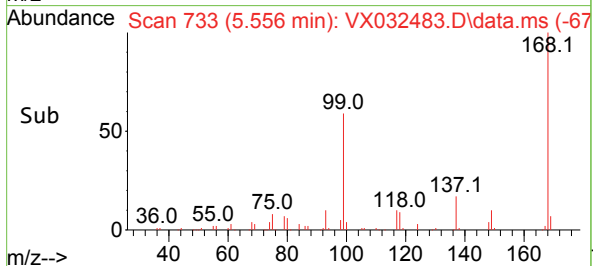
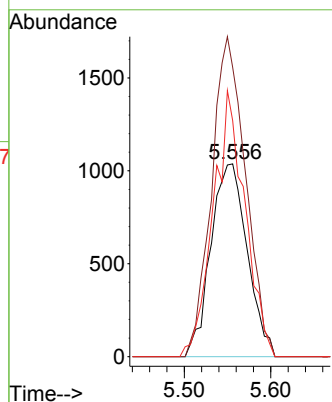
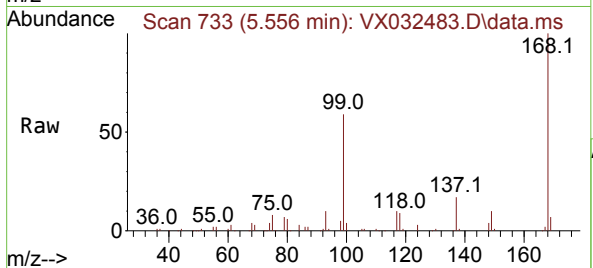




#31
Cyclohexane
Concen: 1.405 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

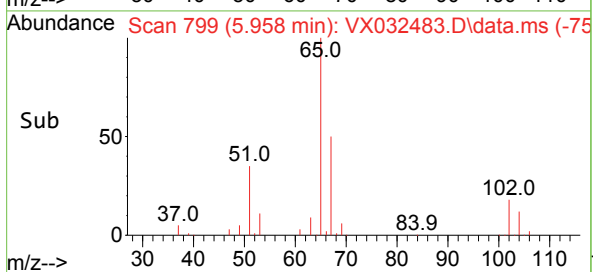
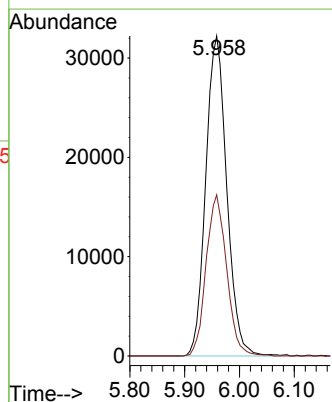
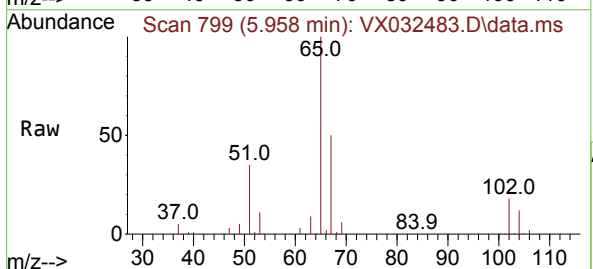
Instrument :
MSVOA_X
ClientSampleId :
256317-7

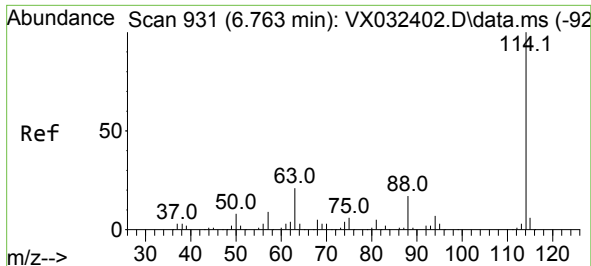
Tgt Ion: 56 Resp: 3023
Ion Ratio Lower Upper
56 100
69 150.1 24.1 36.1#
84 122.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.203 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

Tgt Ion: 65 Resp: 85555
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

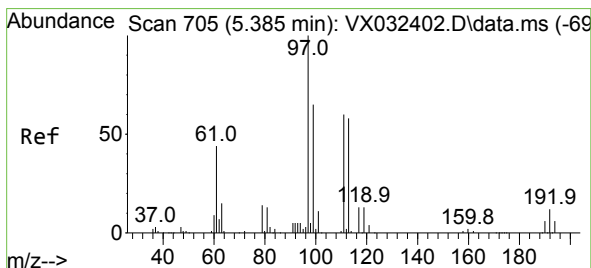
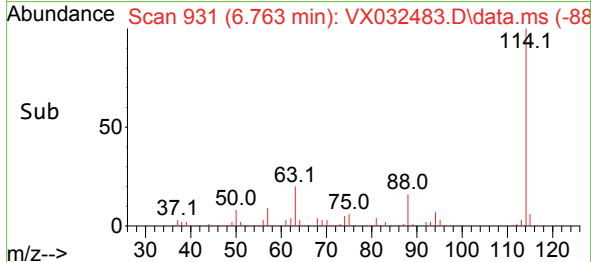
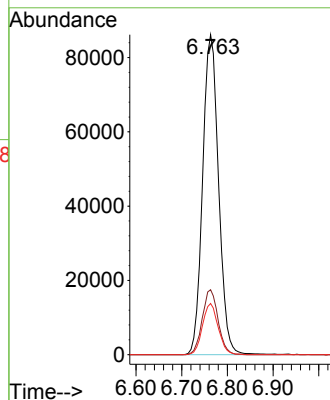
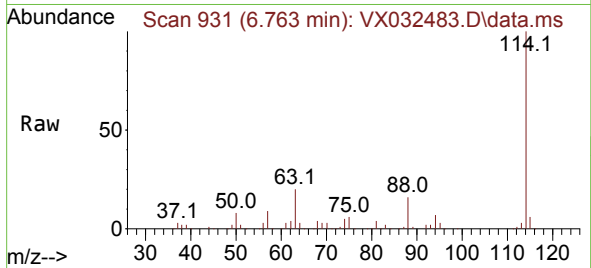




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

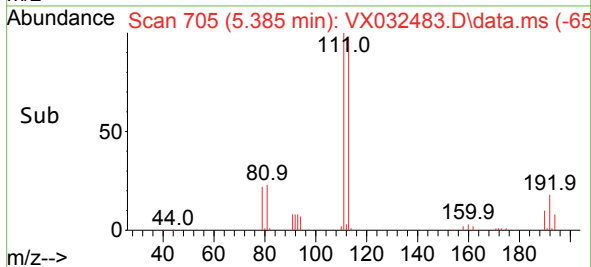
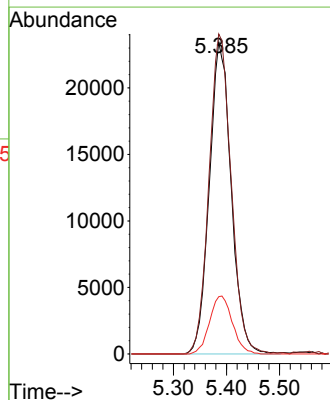
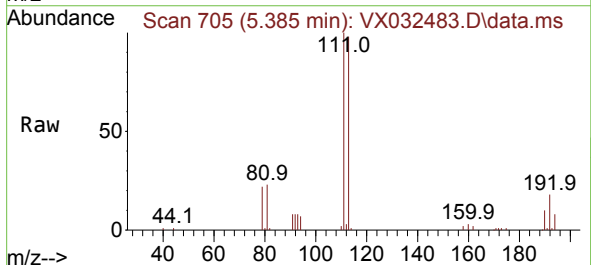
Instrument :
MSVOA_X
ClientSampleId :
256317-7

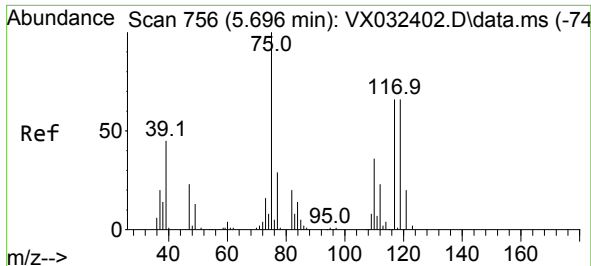
Tgt Ion:114 Resp: 208392
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.107 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

Tgt Ion:113 Resp: 67050
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.4 15.4 23.2

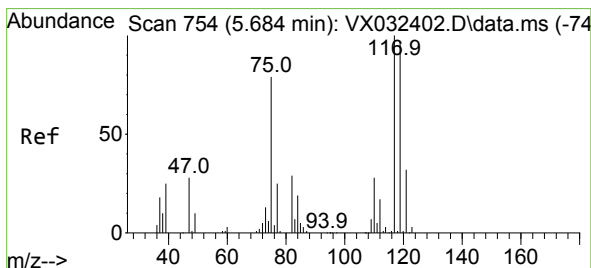
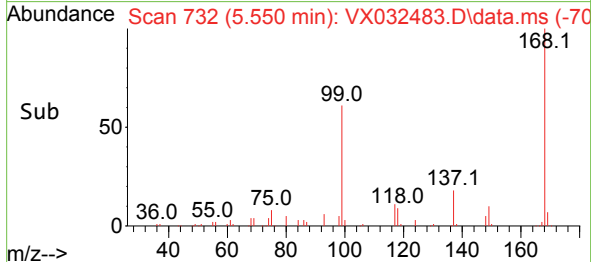
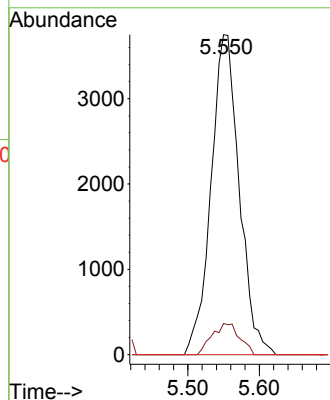
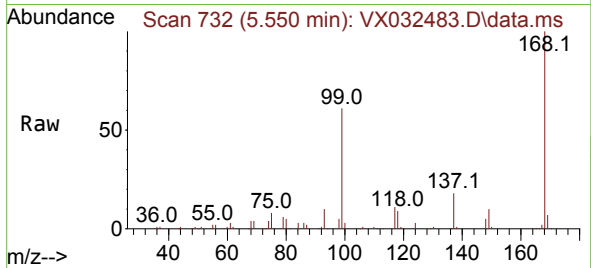




#36
 1,1-Dichloropropene
 Concen: 4.972 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX032483.D
 Acq: 31 Oct 2022 13:24

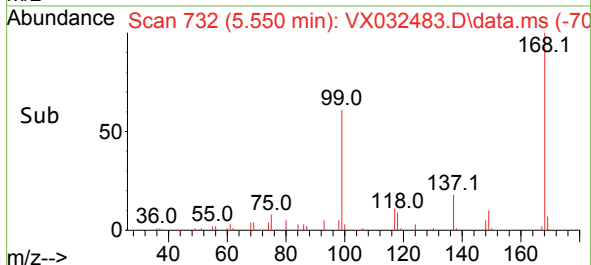
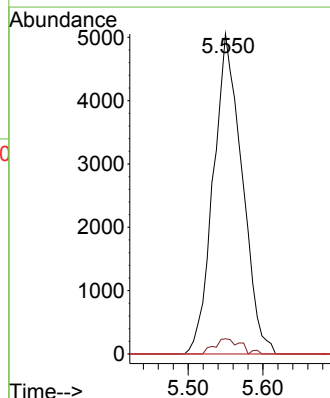
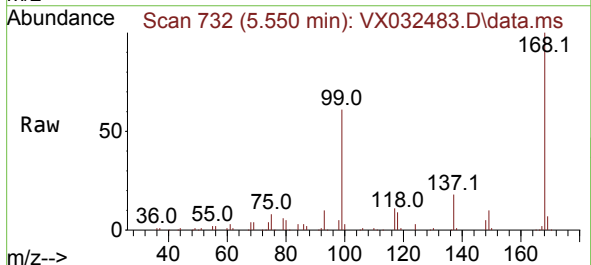
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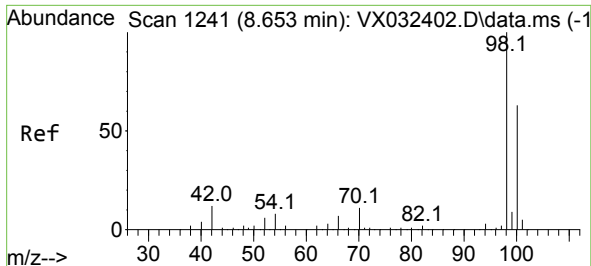
Tgt Ion: 75 Resp: 10292
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.4 55.2#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.883 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.134 min
 Lab File: VX032483.D
 Acq: 31 Oct 2022 13:24

Tgt Ion: 117 Resp: 13507
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.2 115.8#
 121 0.0 25.8 38.6#

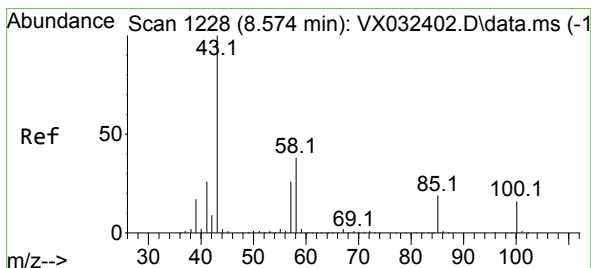
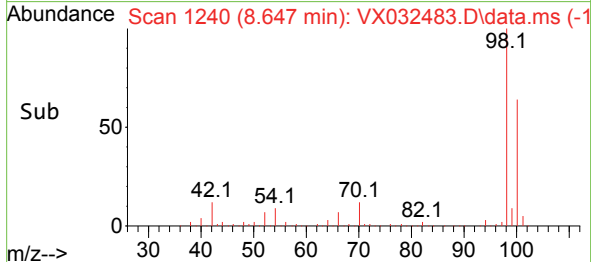
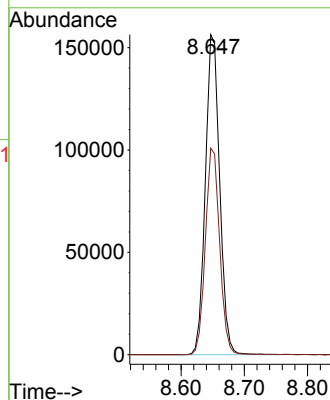
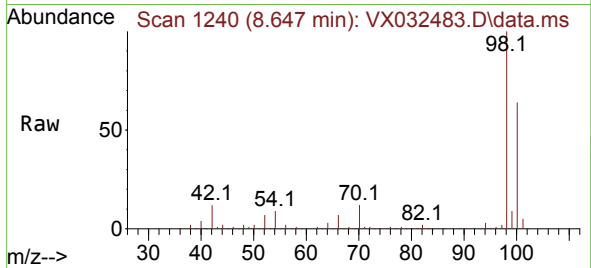




#50
Toluene-d8
Concen: 47.653 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

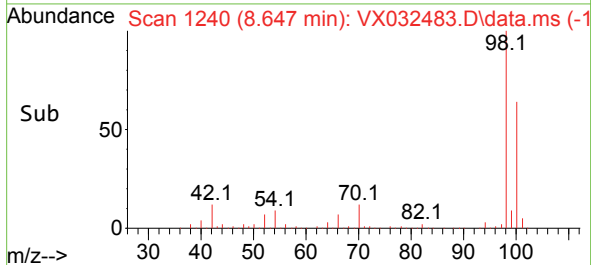
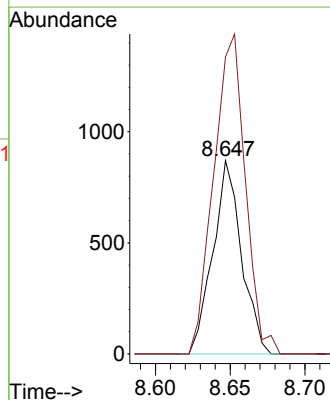
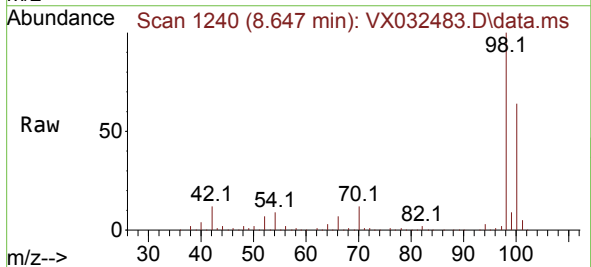
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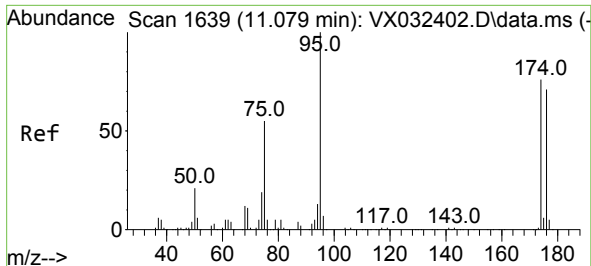
Tgt Ion: 98 Resp: 246308
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 182.9 30.9 46.3#

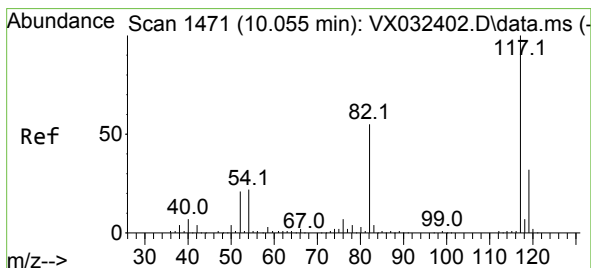
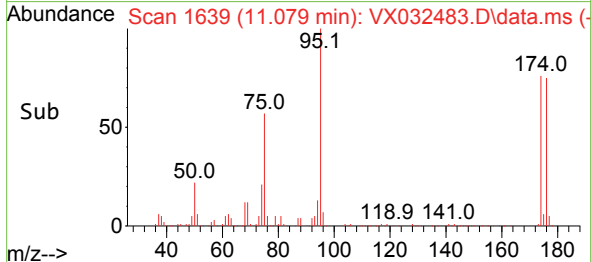
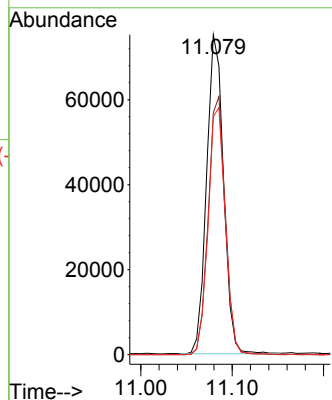
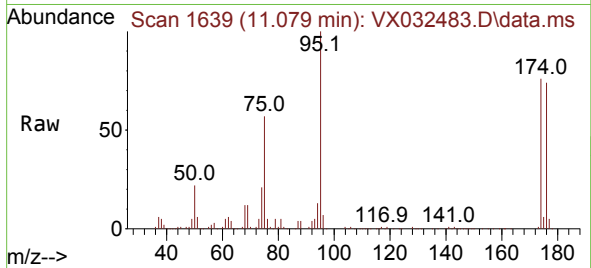




#62
4-Bromofluorobenzene
Concen: 47.603 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

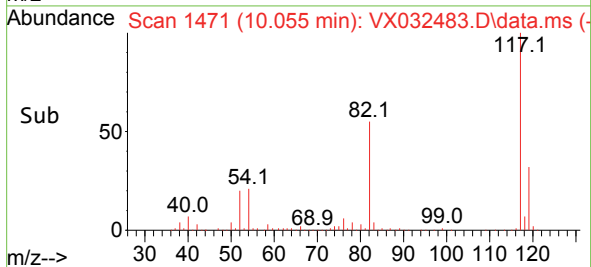
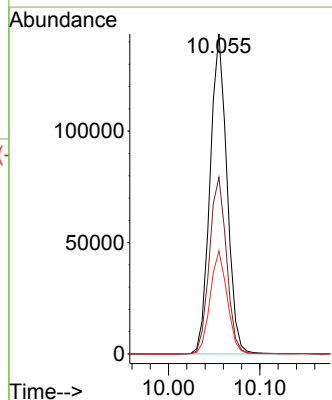
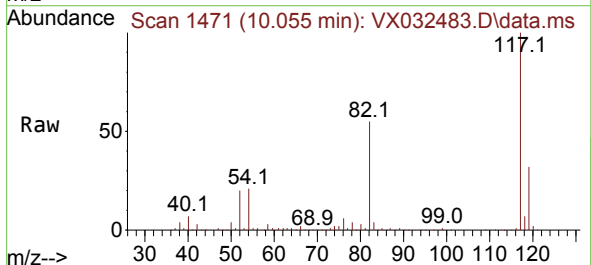
Instrument :
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256317-7

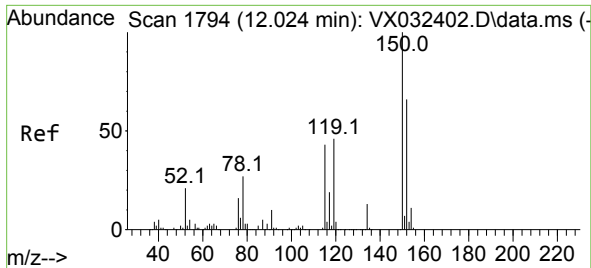
Tgt Ion: 95 Resp: 96114
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 79.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032483.D
Acq: 31 Oct 2022 13:24

Tgt Ion: 117 Resp: 184232
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.2 25.7 38.5

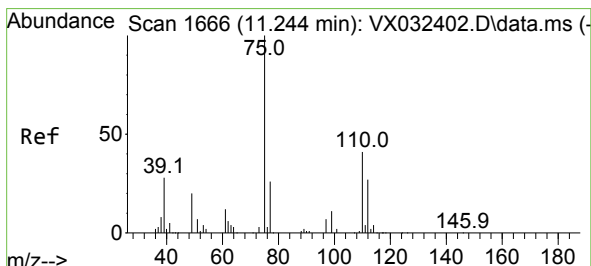
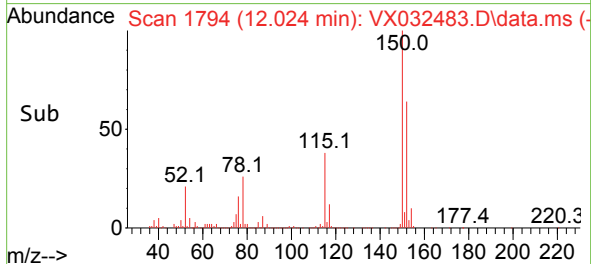
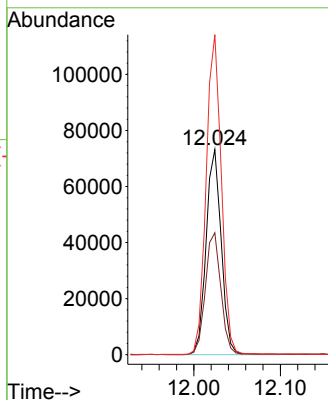
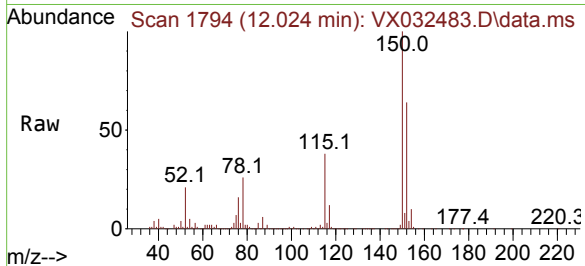




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032483.D
 Acq: 31 Oct 2022 13:24

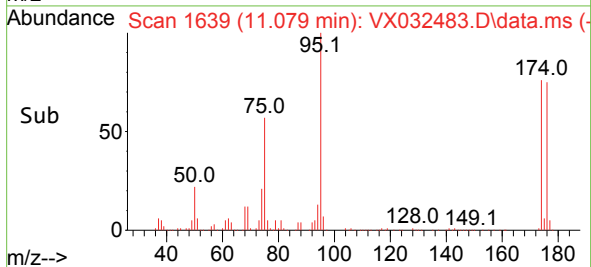
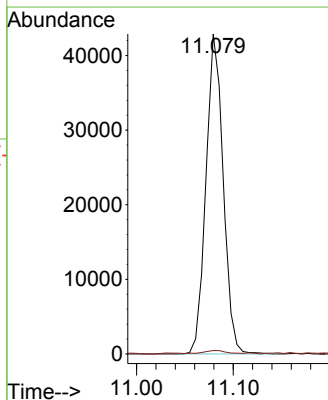
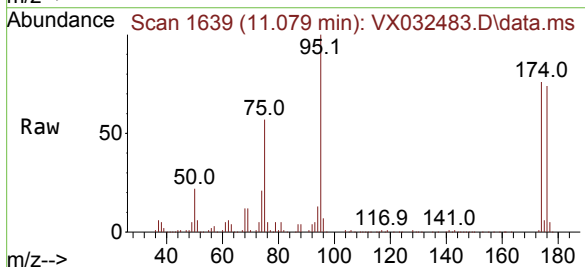
Instrument :
 MSVOA_X
 ClientSampleId :
 256317-7

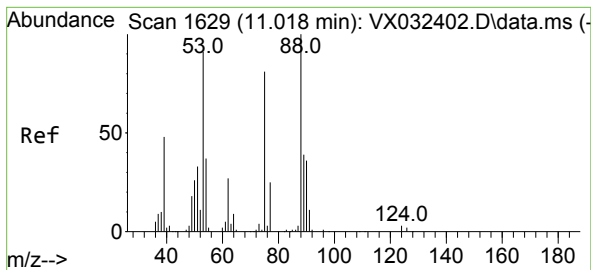
Tgt Ion:152 Resp: 88947
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.0 132.0
 150 156.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.871 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032483.D
 Acq: 31 Oct 2022 13:24

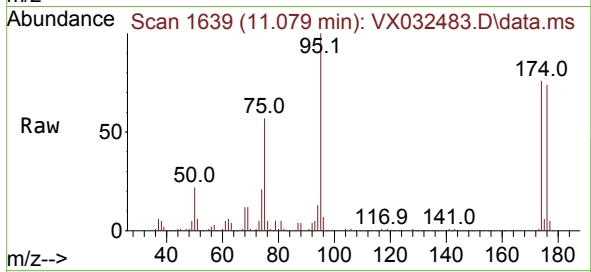
Tgt Ion: 75 Resp: 53173
 Ion Ratio Lower Upper
 75 100
 77 1.7 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.503 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032483.D
 Acq: 31 Oct 2022 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 256317-7



Tgt Ion: 75 Resp: 53173
 Ion Ratio Lower Upper
 75 100
 53 0.4 86.9 130.3#
 89 0.0 38.3 57.5#

