

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032440.D
 Acq On : 27 Oct 2022 19:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 28 07:14:55 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)

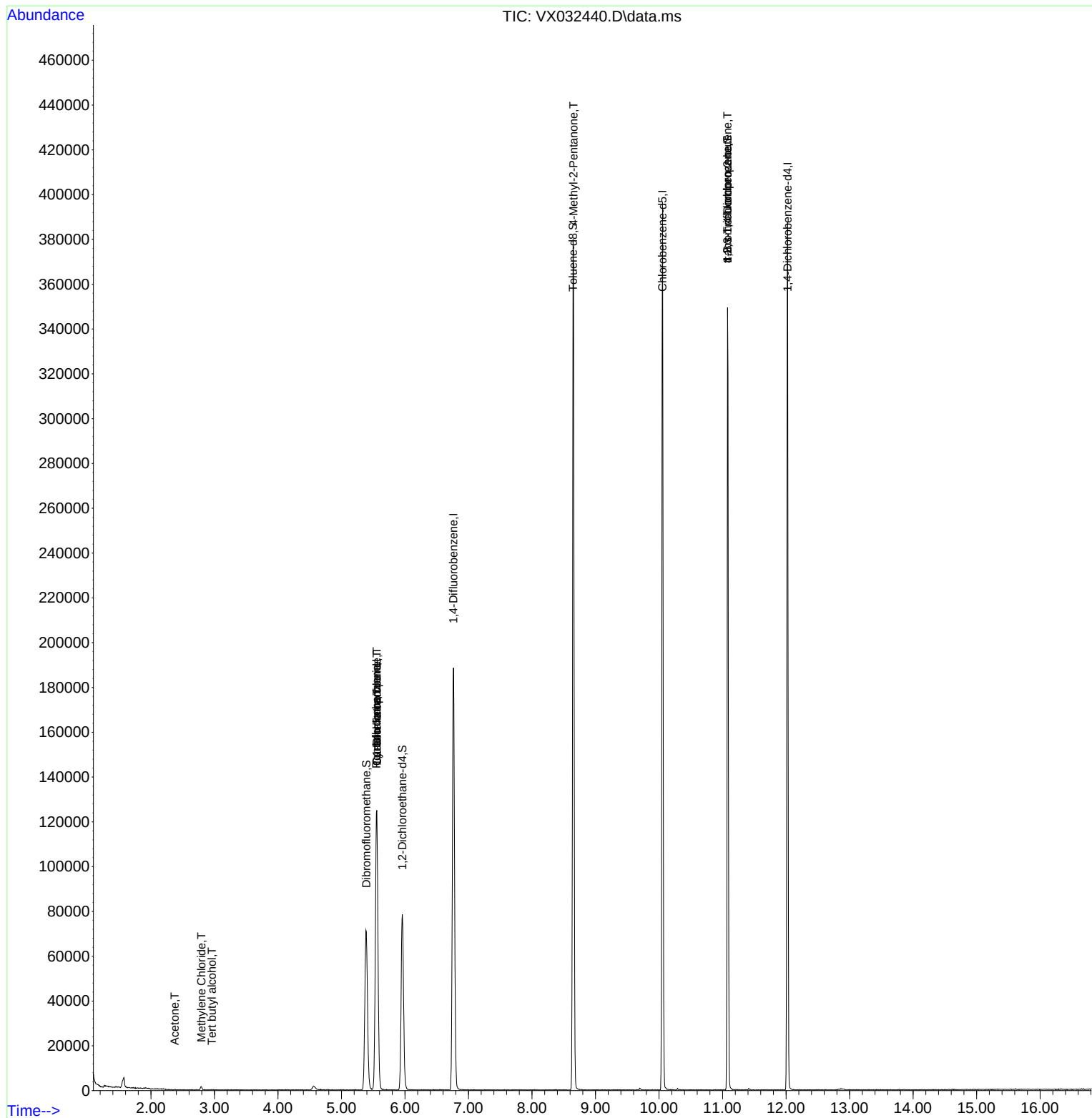
Internal Standards						
1) Pentafluorobenzene	5.550	168	117732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79298	48.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.940%
35) Dibromofluoromethane	5.391	113	62517	45.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	8.647	98	230567	48.251	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.079	95	86630	46.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	107	0.449	ug/l #	72
16) Acetone	2.374	43	136	0.229	ug/l #	45
20) Methylene Chloride	2.794	84	742	0.544	ug/l #	89
31) Cyclohexane	5.556	56	2493	1.257	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9127	4.769	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12409	5.846	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1010	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47700	27.232	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47700	86.654	ug/l #	6

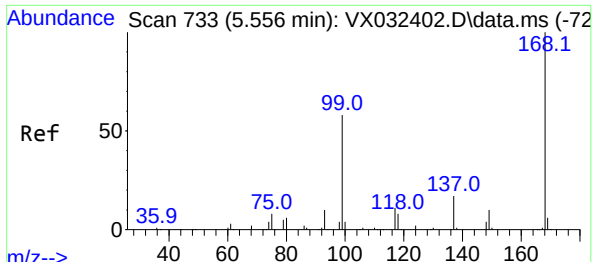
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

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Response via : Initial Calibration

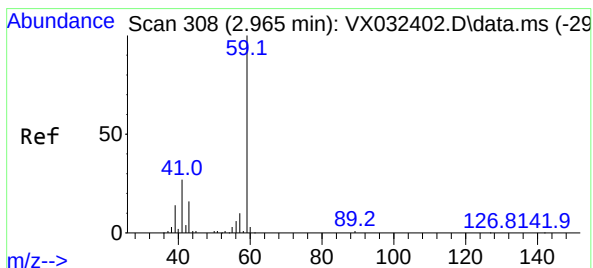
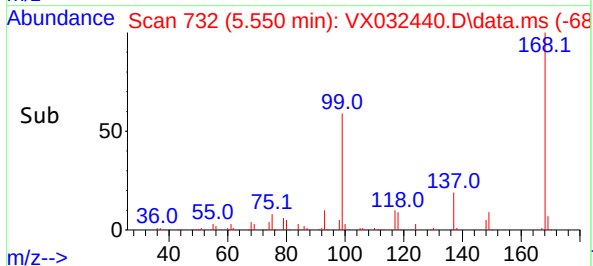
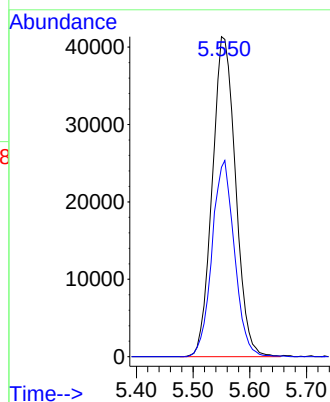
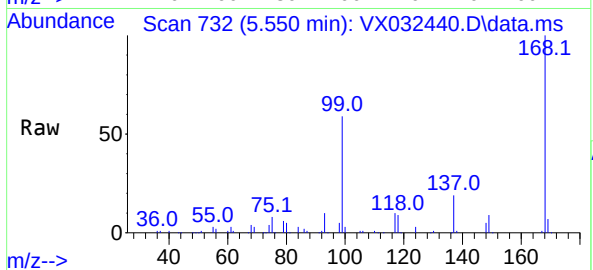




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

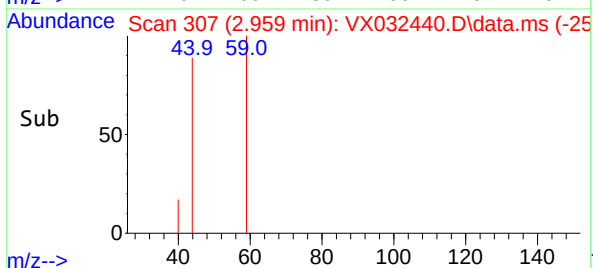
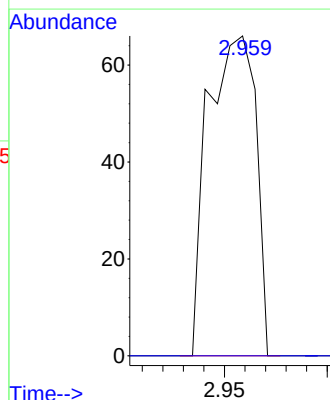
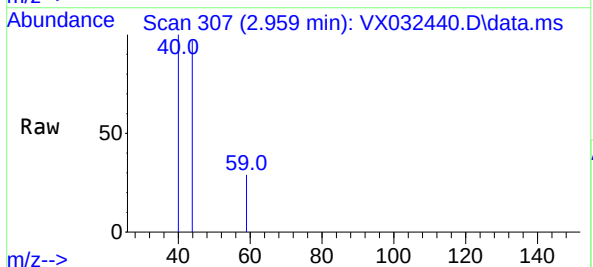
Instrument :
MSVOA_X
ClientSampleId :
IBLK

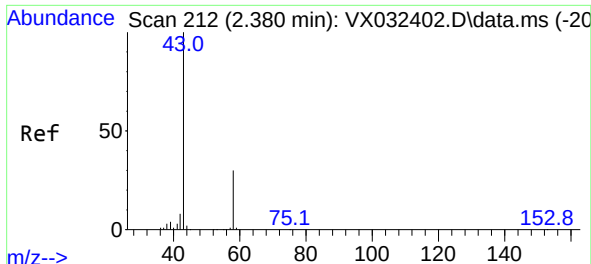
Tgt Ion:168 Resp: 117732
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.449 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

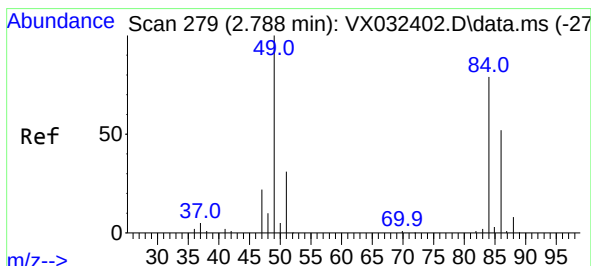
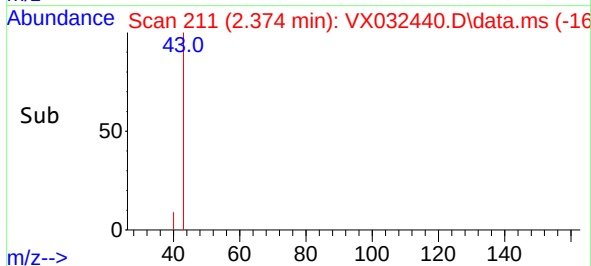
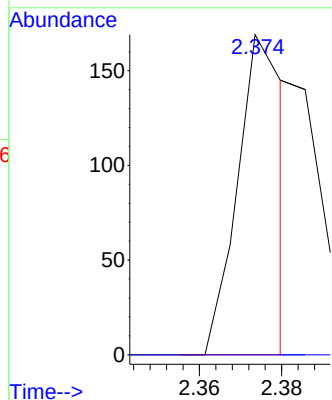
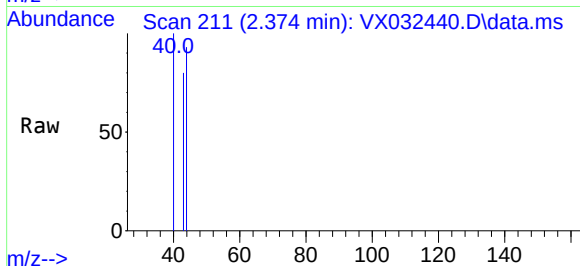




#16
Acetone
Concen: 0.229 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

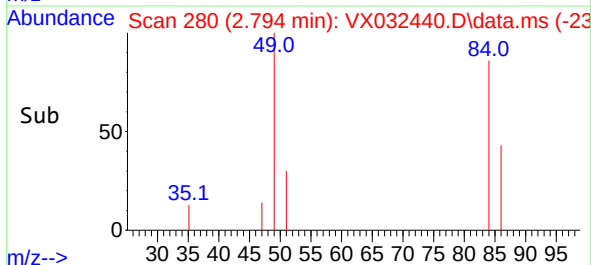
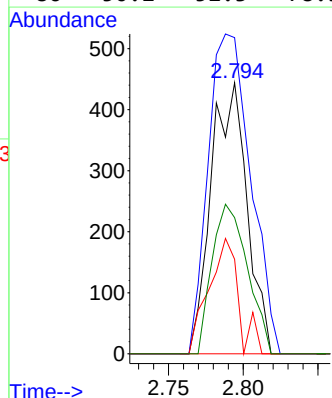
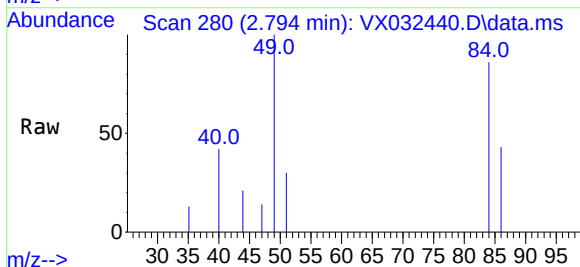
Instrument :
MSVOA_X
ClientSampleId :
IBLK

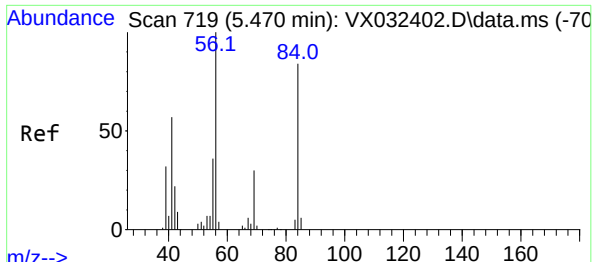
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

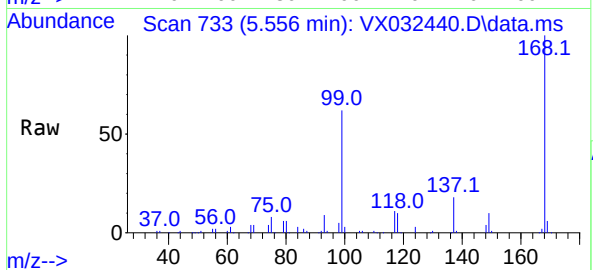
Tgt Ion: 84 Resp: 742
Ion Ratio Lower Upper
84 100
49 116.7 101.0 151.6
51 34.9 31.1 46.7
86 50.2 52.3 78.5#



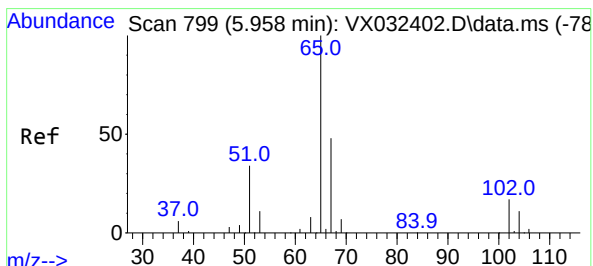
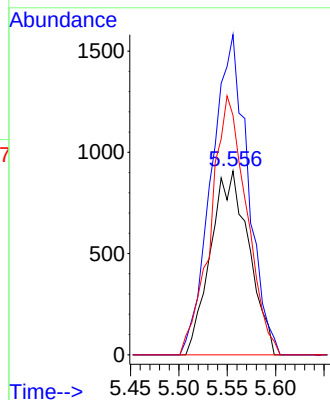
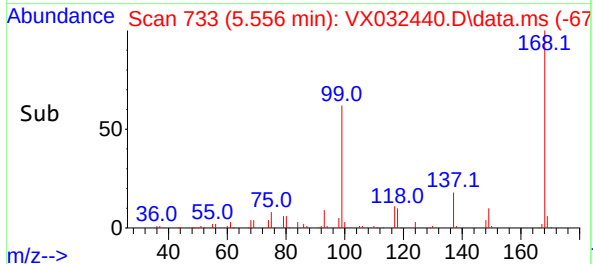


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

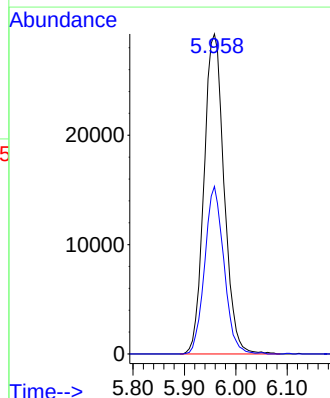
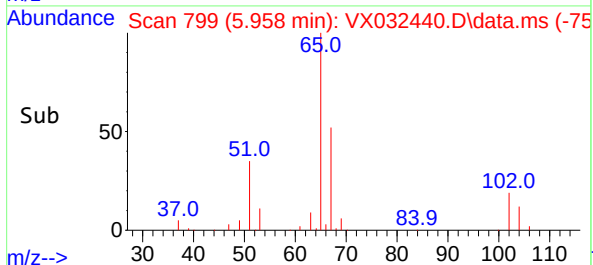
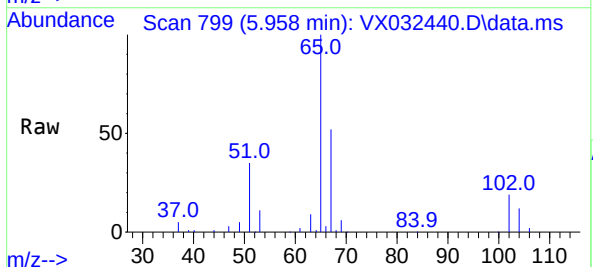


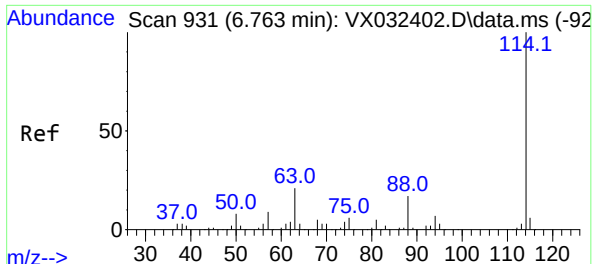
Tgt Ion: 56 Resp: 2493
Ion Ratio Lower Upper
56 100
69 174.1 24.1 36.1#
84 130.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.475 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

Tgt Ion: 65 Resp: 79298
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

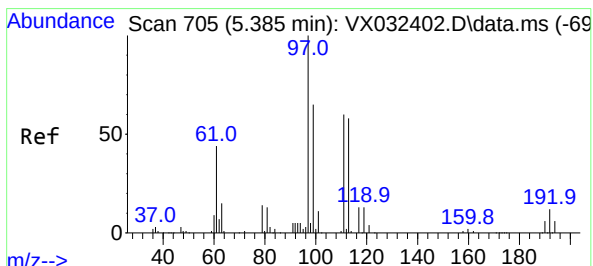
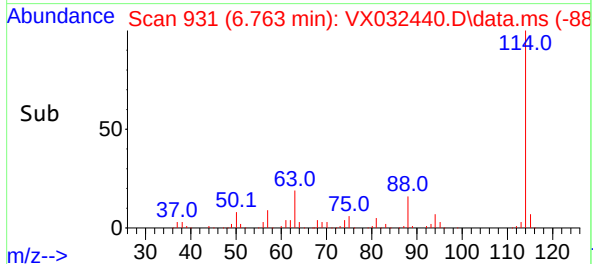
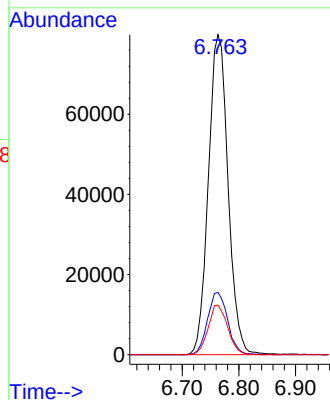
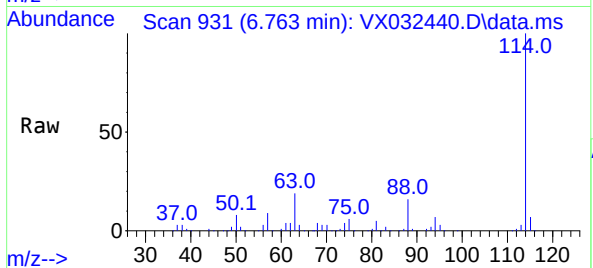




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

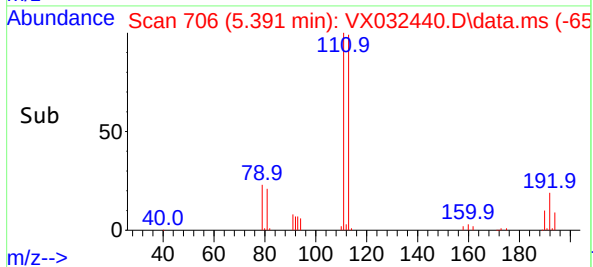
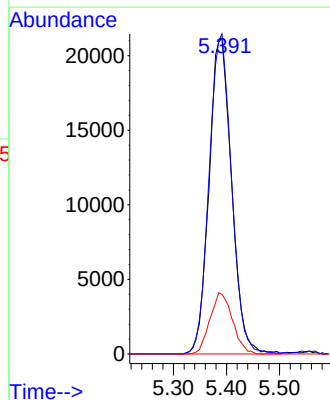
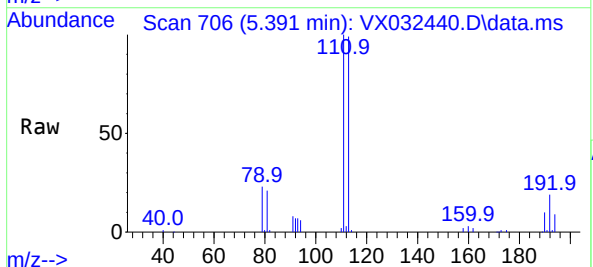
Instrument :
MSVOA_X
ClientSampleId :
IBLK

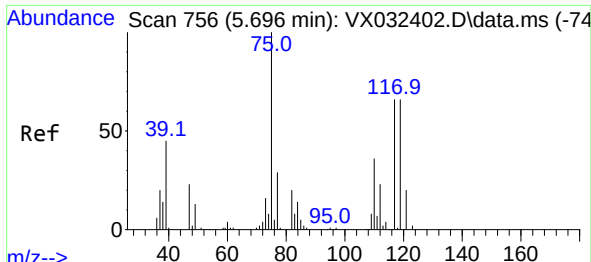
Tgt Ion:114 Resp: 192653
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.493 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

Tgt Ion:113 Resp: 62517
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 19.3 15.4 23.2

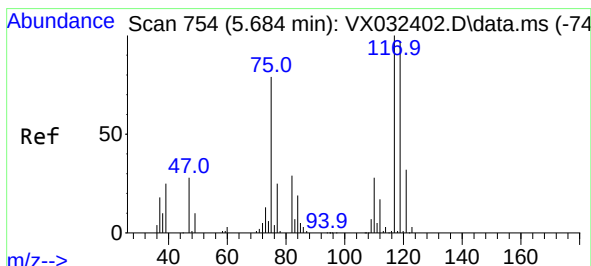
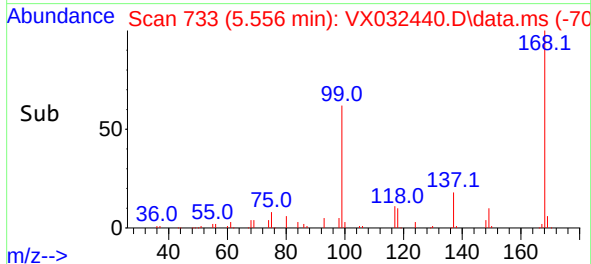
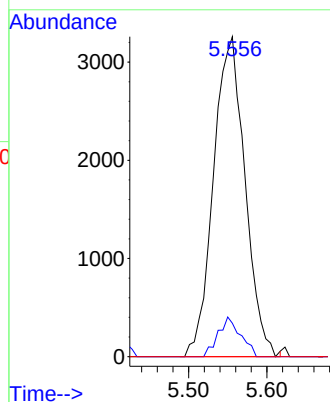
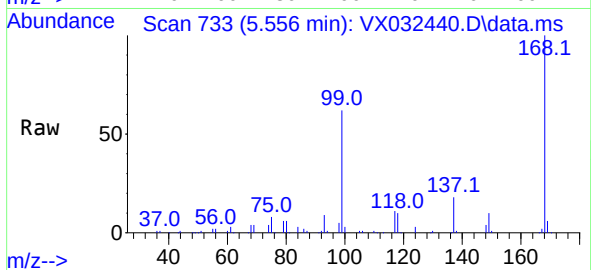




#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

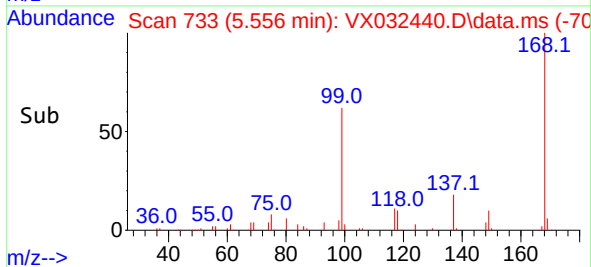
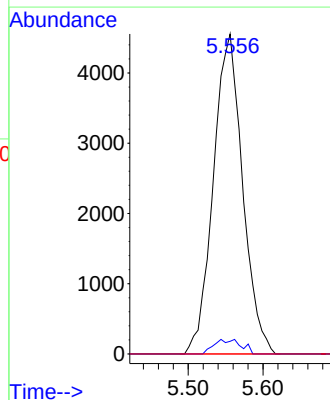
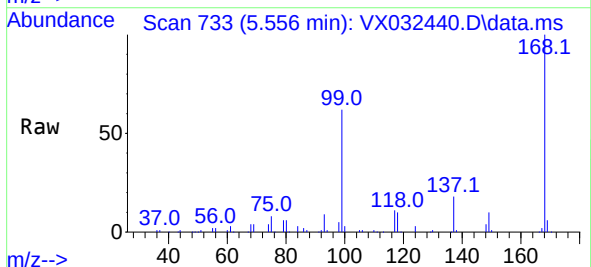
Instrument :
MSVOA_X
ClientSampleId :
IBLK

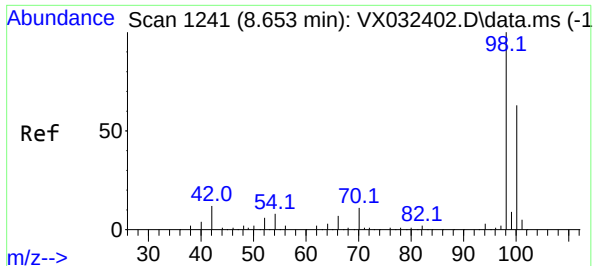
Tgt Ion: 75 Resp: 9127
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

Tgt Ion: 117 Resp: 12409
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.251 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032440.D

Acq: 27 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

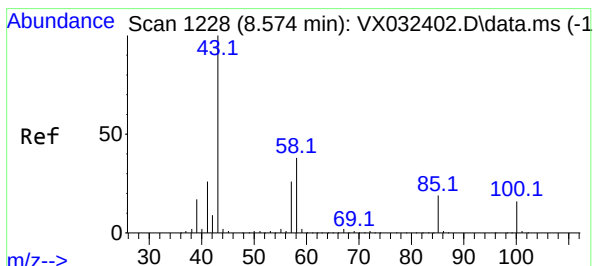
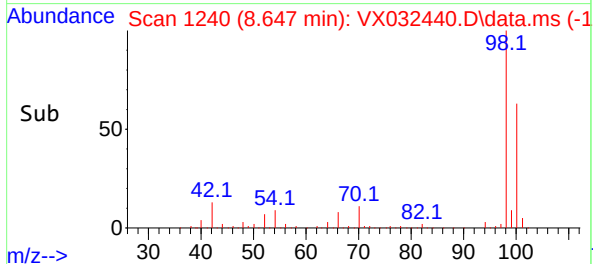
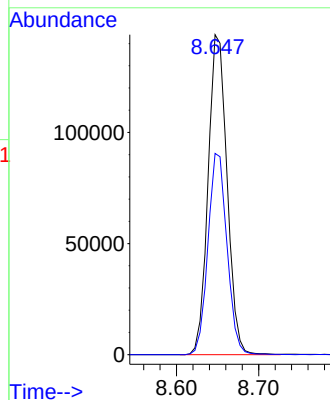
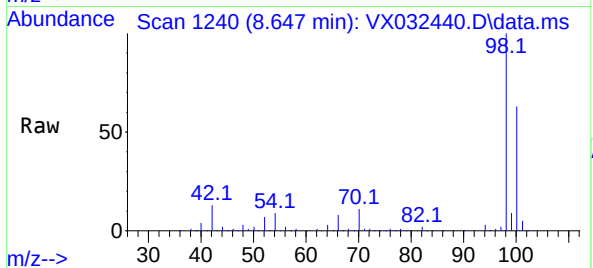
IBLK

Tgt Ion: 98 Resp: 230567

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.524 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032440.D

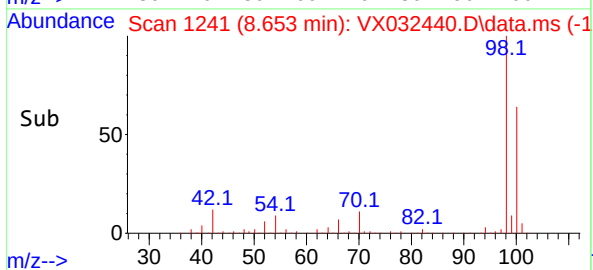
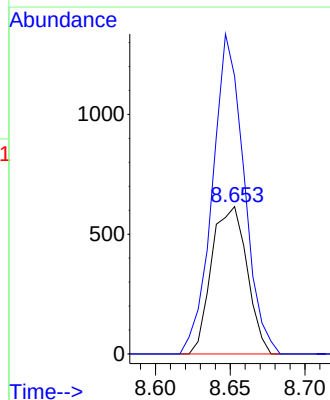
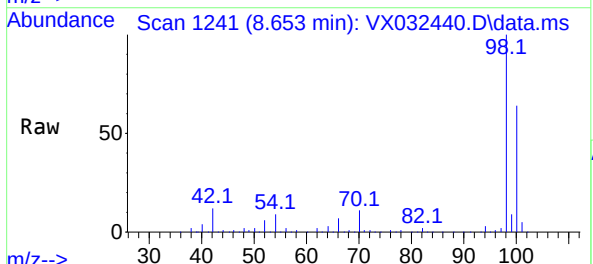
Acq: 27 Oct 2022 19:46

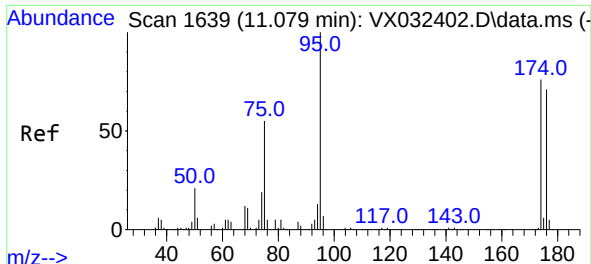
Tgt Ion: 43 Resp: 1010

Ion Ratio Lower Upper

43 100

58 194.6 30.9 46.3#

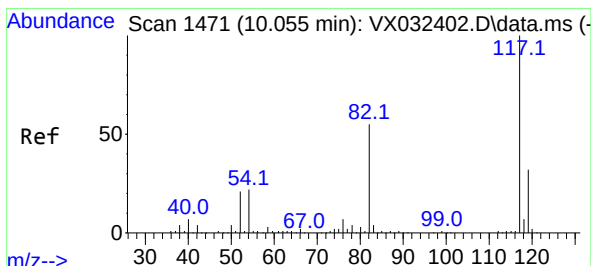
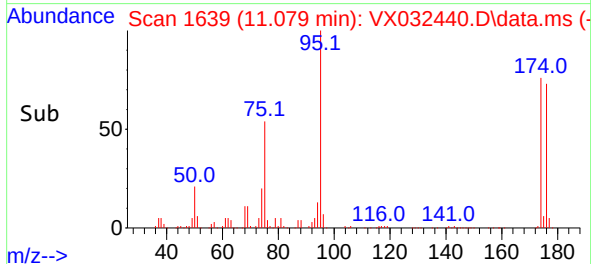
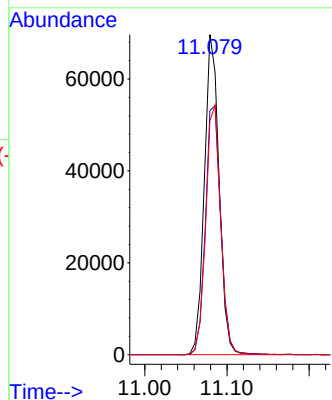
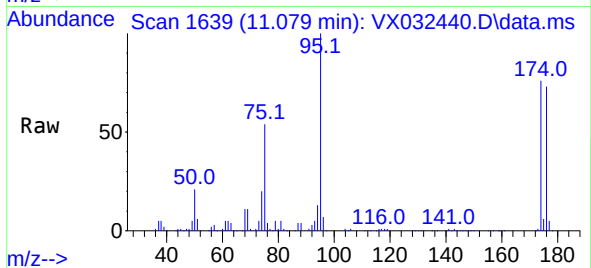




#62
4-Bromofluorobenzene
Concen: 46.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

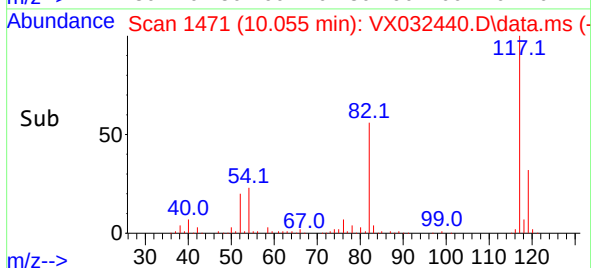
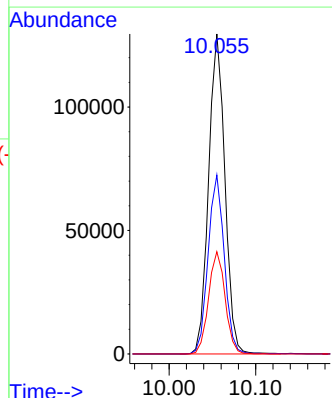
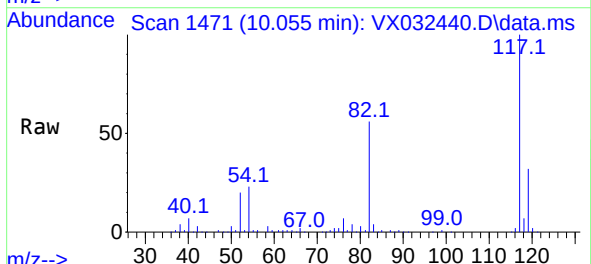
Instrument :
MSVOA_X
ClientSampleId :
IBLK

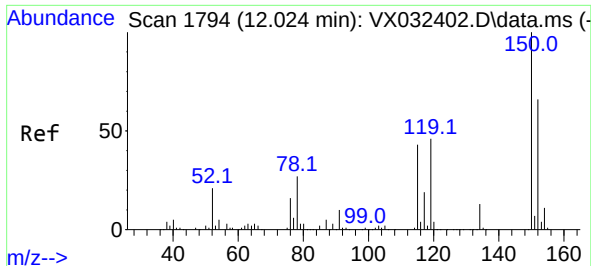
Tgt Ion: 95 Resp: 86630
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 79.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

Tgt Ion: 117 Resp: 169368
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.9 25.7 38.5

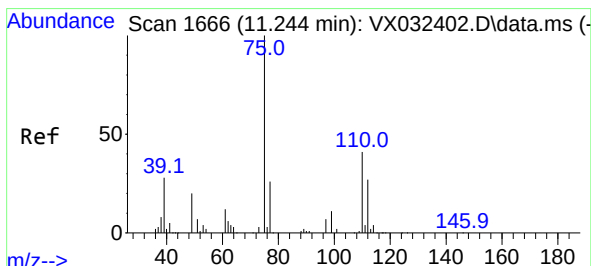
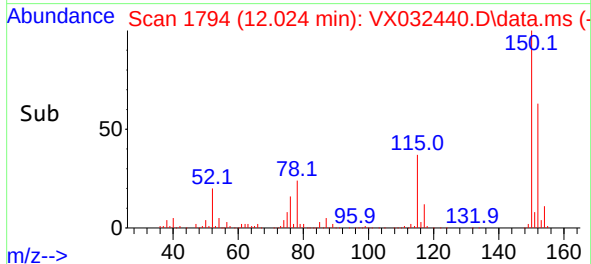
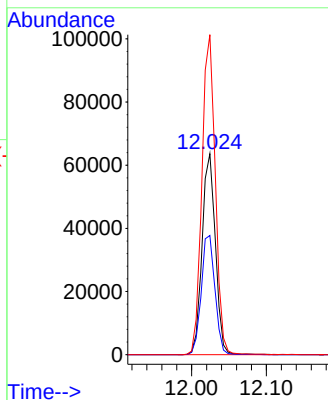
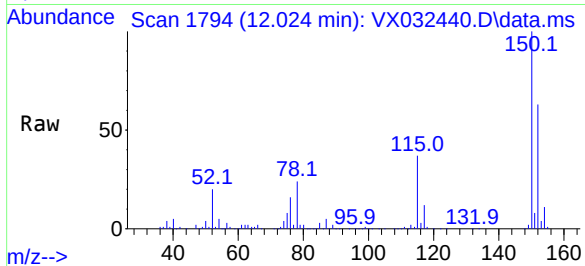




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

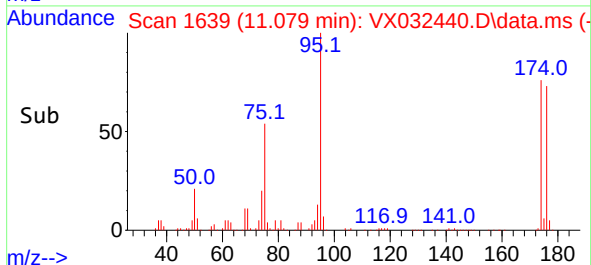
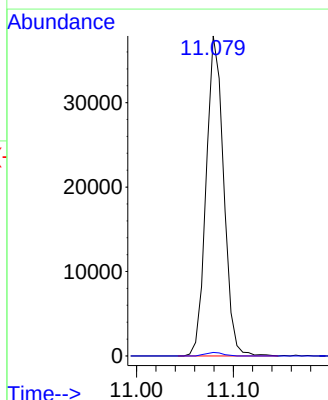
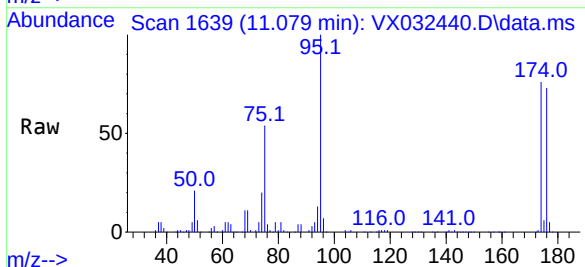
Instrument :
MSVOA_X
ClientSampleId :
IBLK

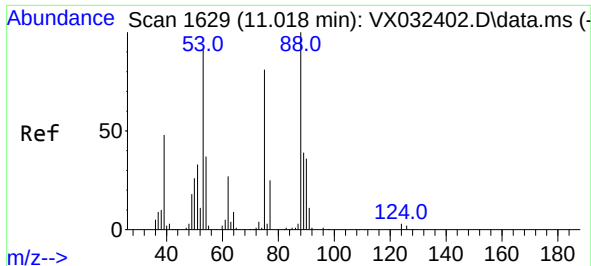
Tgt Ion:152 Resp: 78732
Ion Ratio Lower Upper
152 100
115 61.2 44.0 132.0
150 160.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032440.D
Acq: 27 Oct 2022 19:46

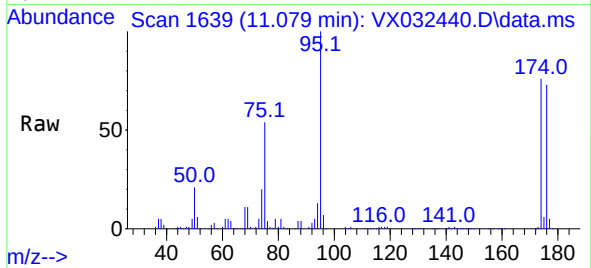
Tgt Ion: 75 Resp: 47700
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.654 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032440.D
 Acq: 27 Oct 2022 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 47700
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

