

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033268.D
 Acq On : 06 Dec 2022 18:55
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Dec 07 01:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

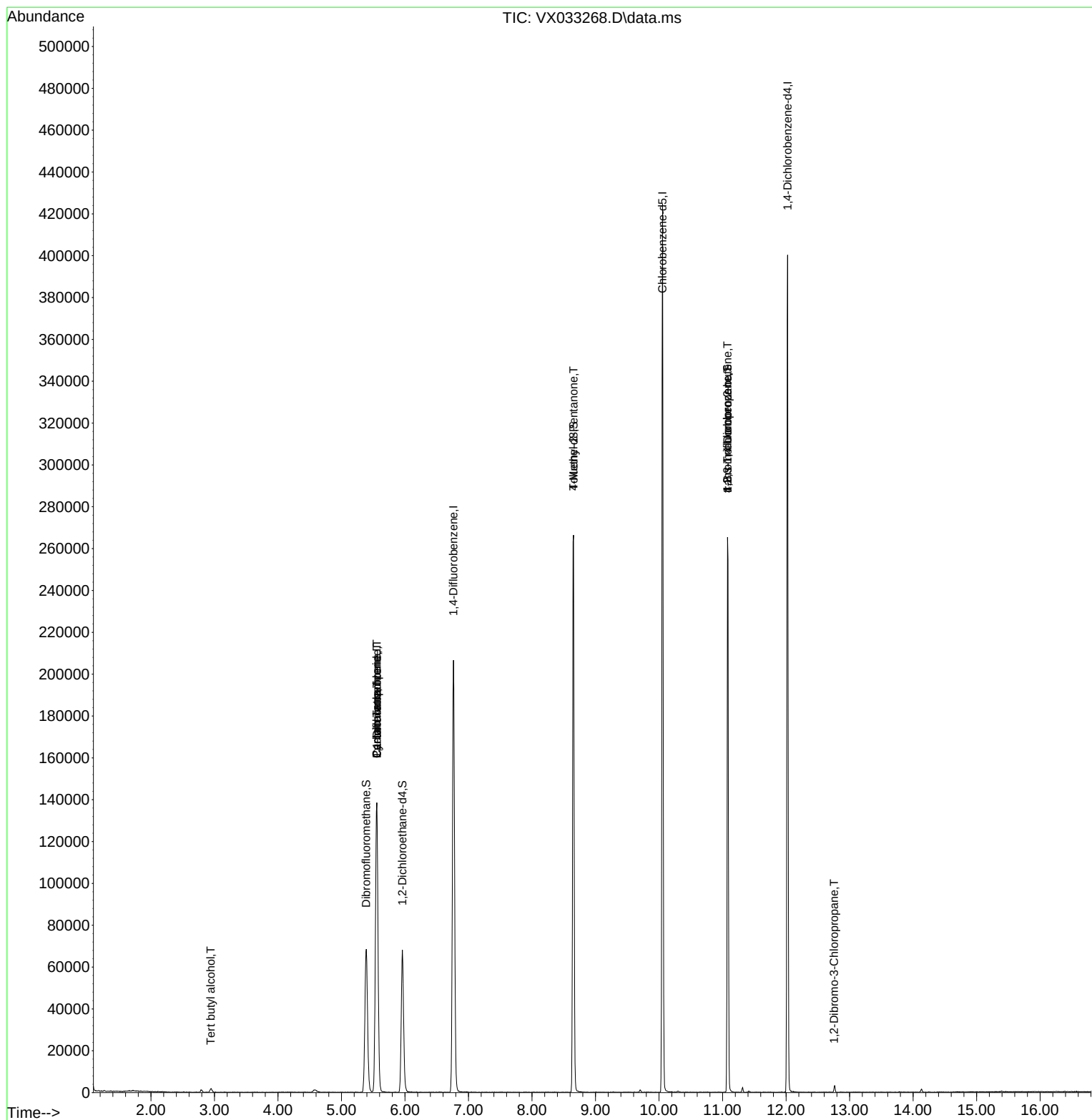
Internal Standards						
1) Pentafluorobenzene	5.555	168	132316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67713	52.530	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.060%
35) Dibromofluoromethane	5.385	113	60322	50.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.520%
50) Toluene-d8	8.652	98	166814	46.022	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.040%
62) 4-Bromofluorobenzene	11.079	95	70850	44.939	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1149	5.625	ug/l #	72
20) Methylene Chloride	2.800	84	544	Below Cal	#	92
31) Cyclohexane	5.555	56	2699	1.293	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	10051	5.237	ug/l #	50
38) Carbon Tetrachloride	5.555	117	14038	6.594	ug/l #	16
51) 4-Methyl-2-Pentanone	8.652	43	807	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37188	23.400	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37188	76.060	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	12.755	75	108	0.299	ug/l #	1

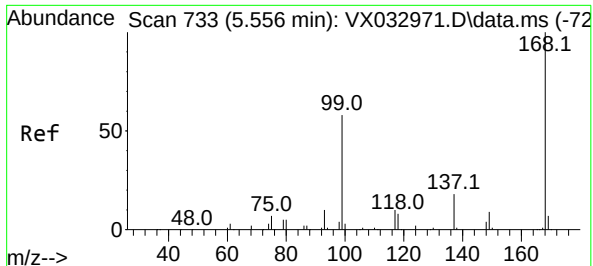
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

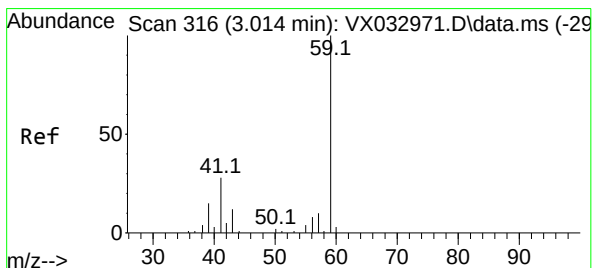
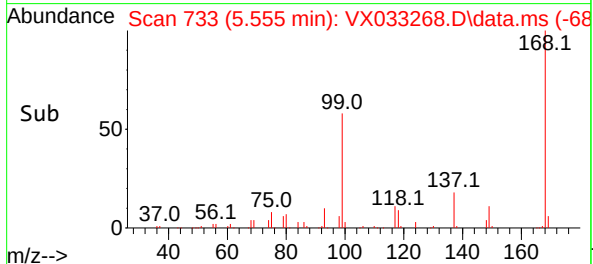
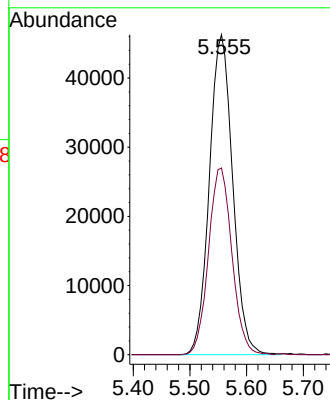
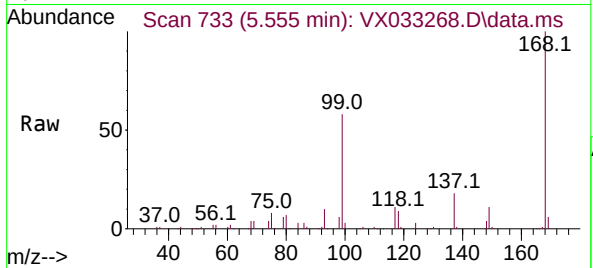




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

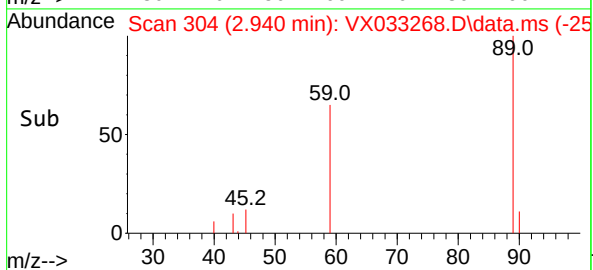
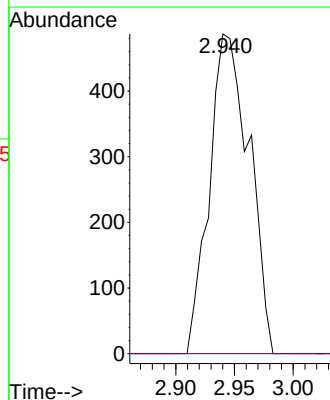
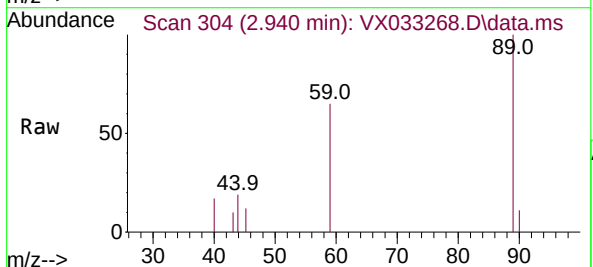
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

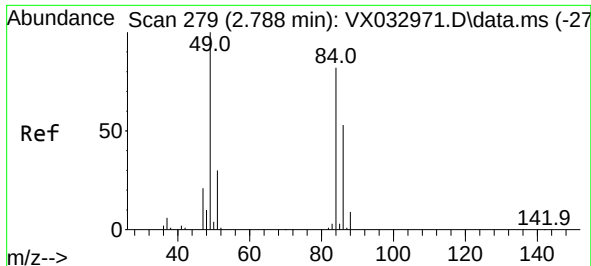
Tgt Ion:168 Resp: 132316
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 5.625 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

Tgt Ion: 59 Resp: 1149
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

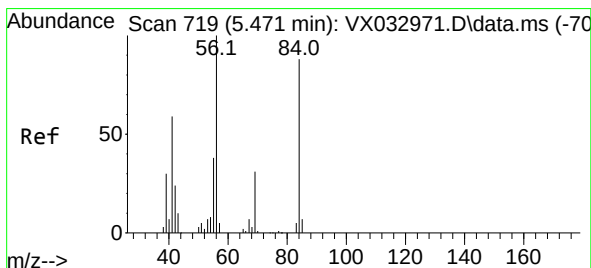
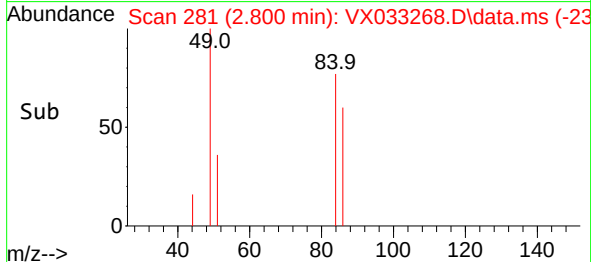
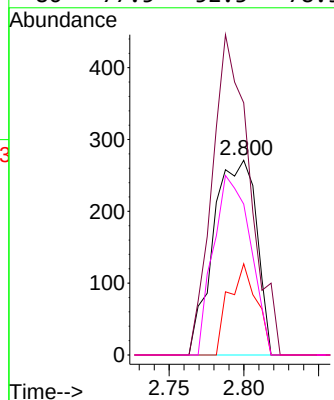
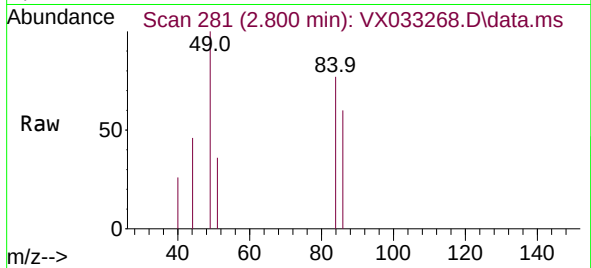




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

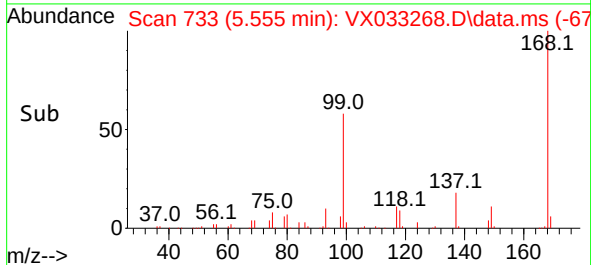
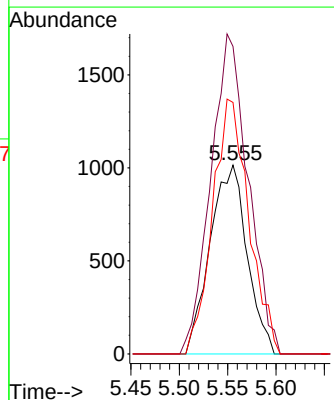
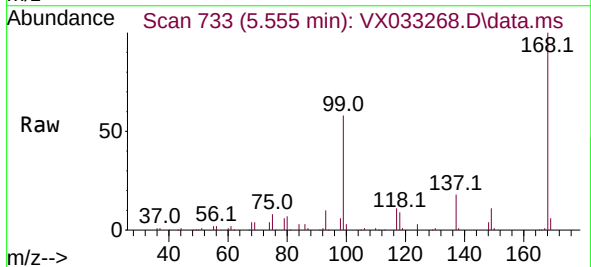
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

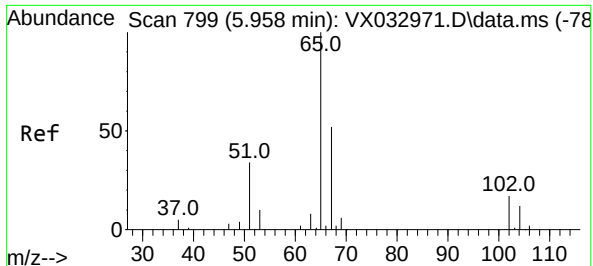
Tgt Ion:	84	Resp:	544
Ion	Ratio	Lower	Upper
84	100		
49	129.5	101.0	151.6
51	46.9	31.1	46.7#
86	77.5	52.3	78.5



#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

Tgt Ion:	56	Resp:	2699
Ion	Ratio	Lower	Upper
56	100		
69	162.9	24.1	36.1#
84	133.2	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 52.530 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033268.D

Acq: 06 Dec 2022 18:55

Instrument :

MSVOA_X

ClientSampleId :

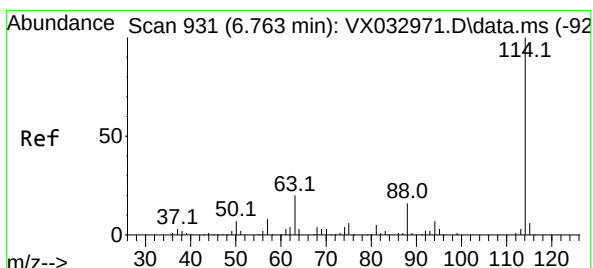
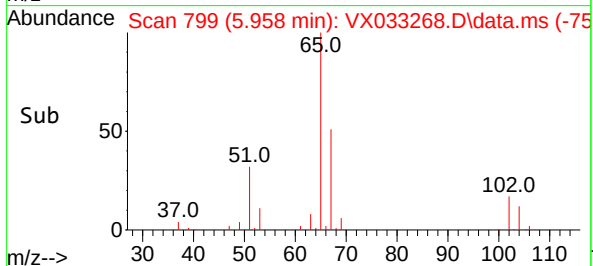
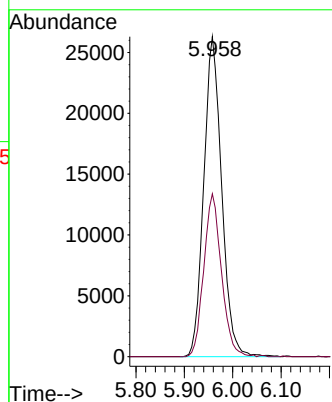
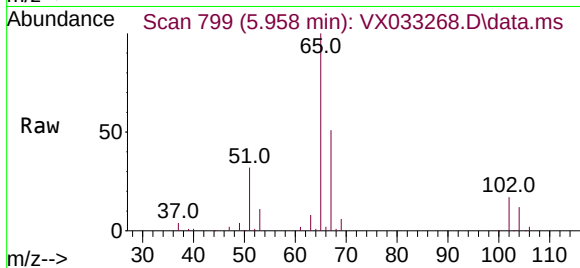
VIBLK

Tgt Ion: 65 Resp: 67713

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# 931

Delta R.T. -0.000 min

Lab File: VX033268.D

Acq: 06 Dec 2022 18:55

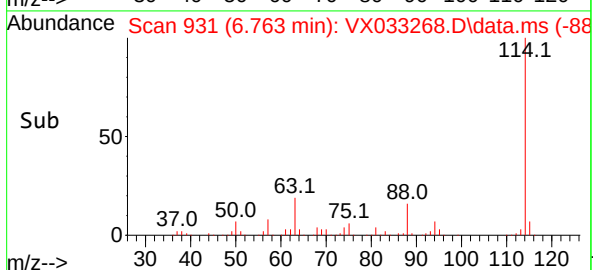
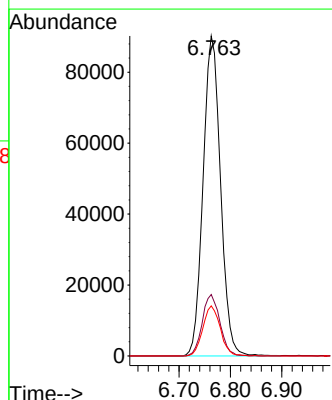
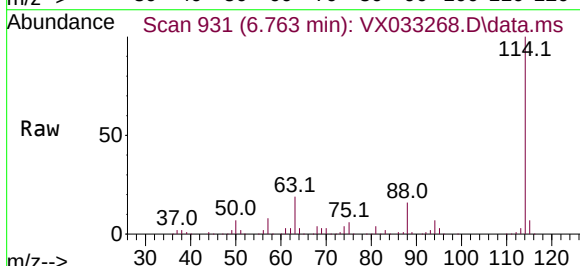
Tgt Ion: 114 Resp: 212892

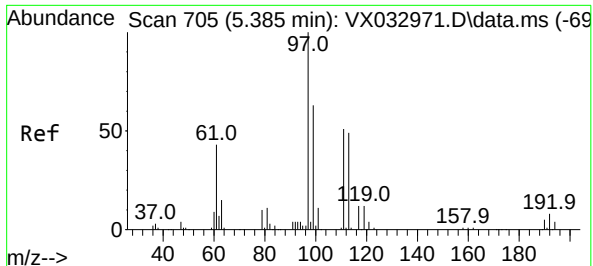
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

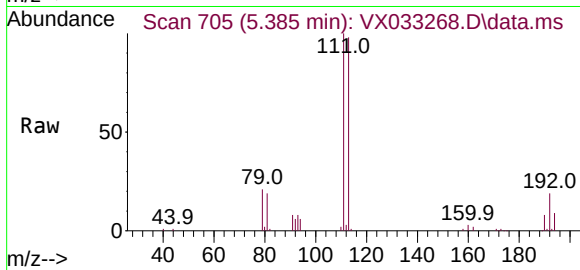
88 15.6 0.0 33.4



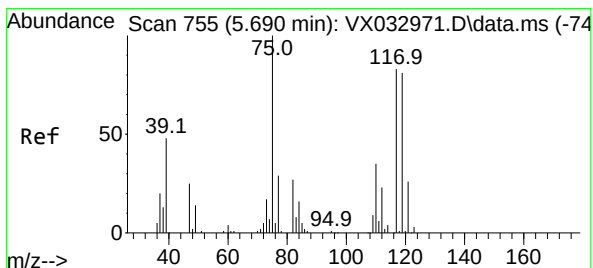
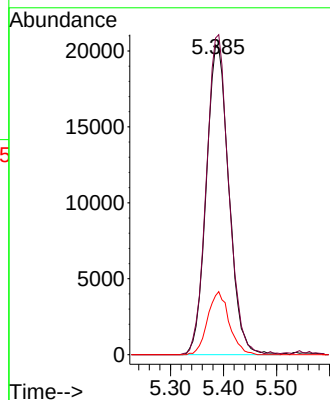
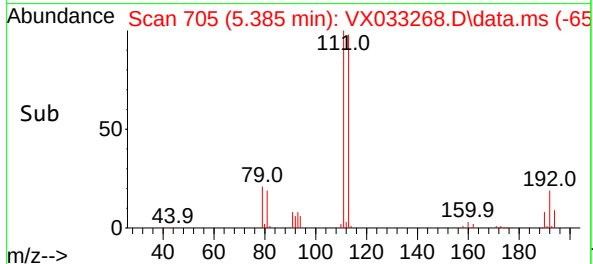


#35
Dibromofluoromethane
Concen: 50.260 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

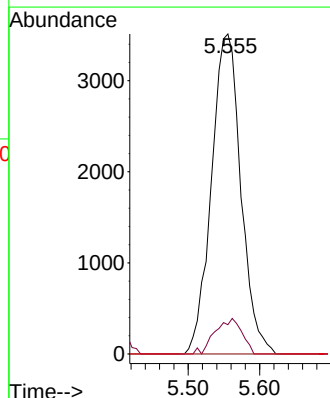
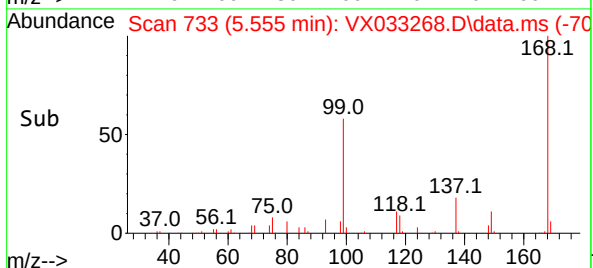
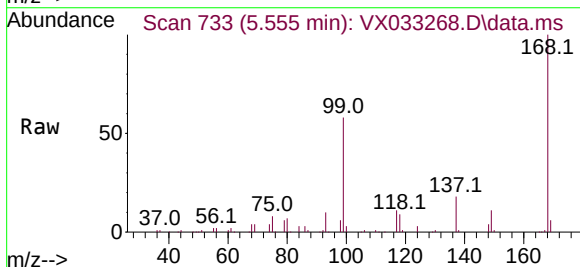


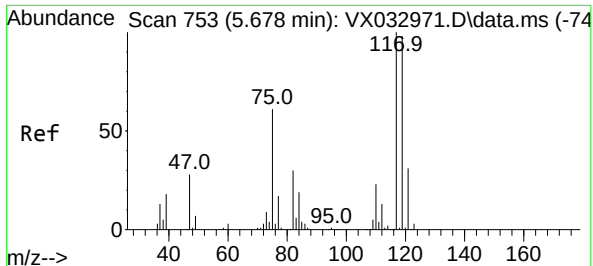
Tgt Ion:113 Resp: 60322
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.237 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.141 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

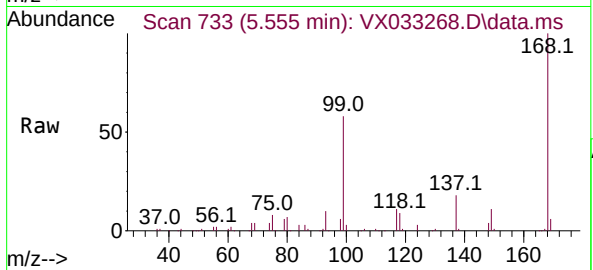
Tgt Ion: 75 Resp: 10051
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.2#
77 0.0 24.5 36.7#



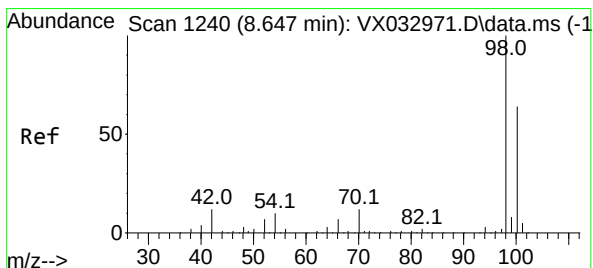
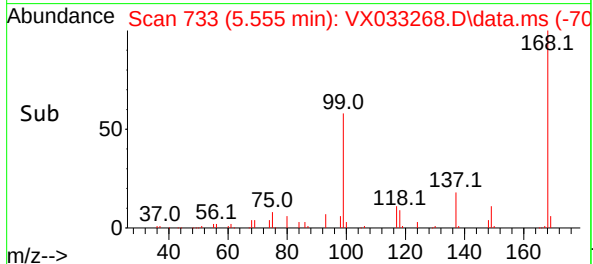
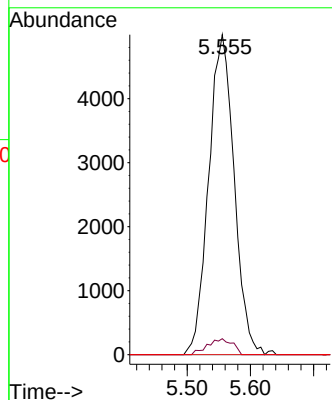


#38
Carbon Tetrachloride
Concen: 6.594 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

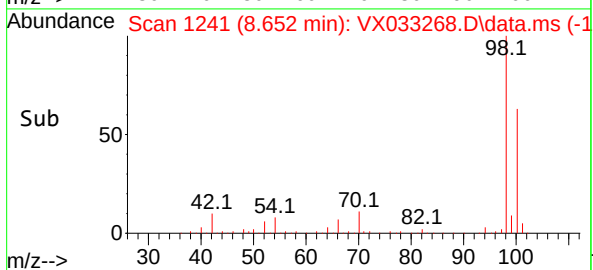
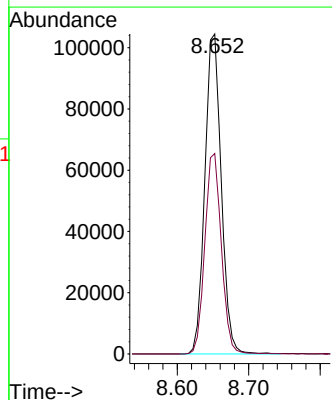
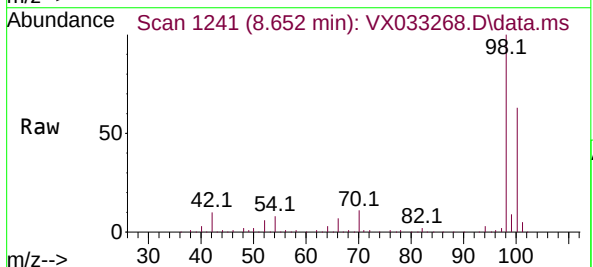


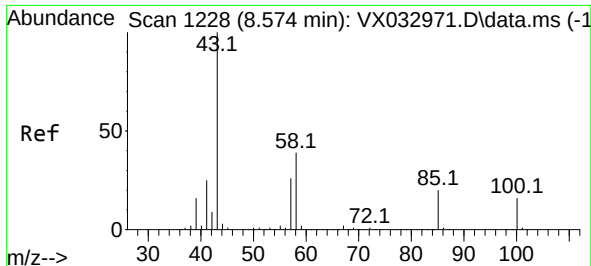
Tgt Ion:117 Resp: 14038
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.022 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

Tgt Ion: 98 Resp: 166814
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

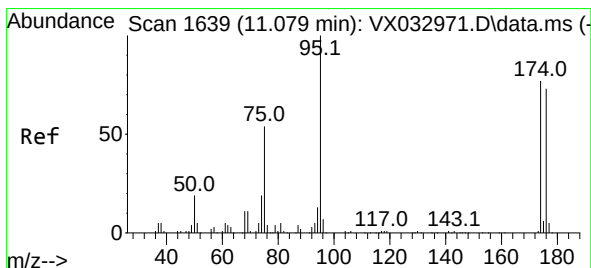
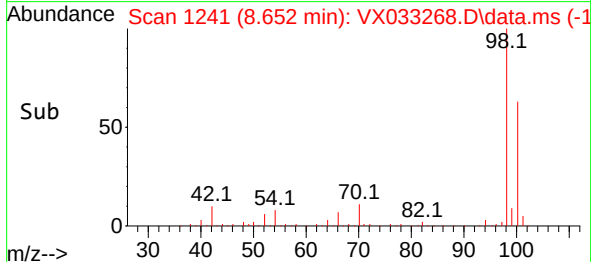
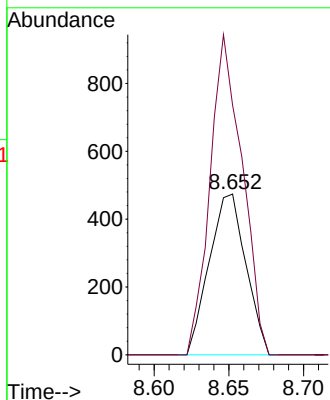
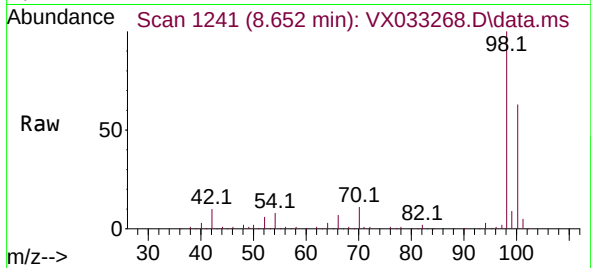




#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.652 min Scan# 11
Delta R.T. 0.078 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

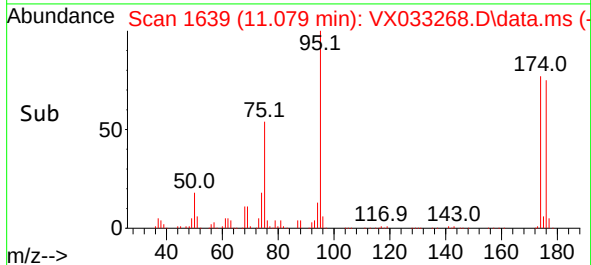
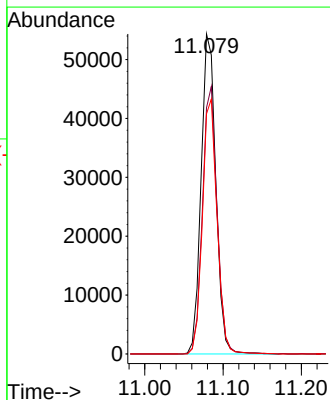
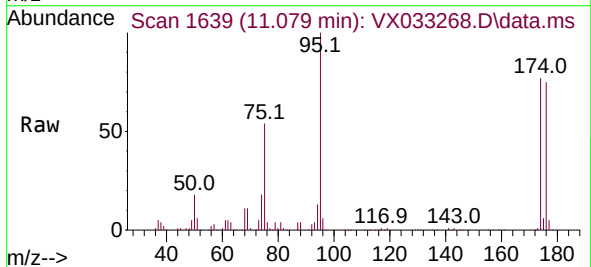
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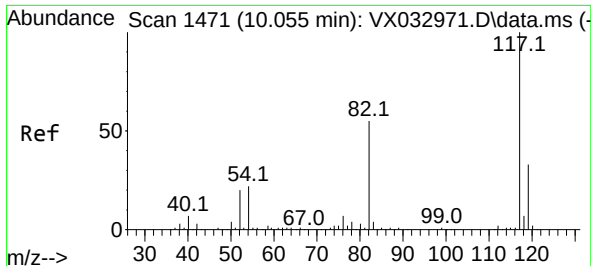
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 176.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

Tgt Ion: 95 Resp: 70850
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 79.4 0.0 154.4

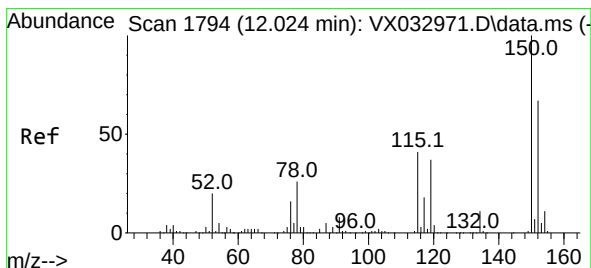
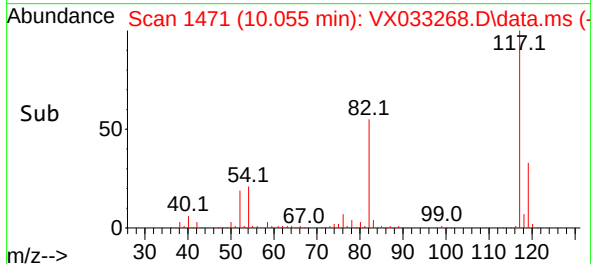
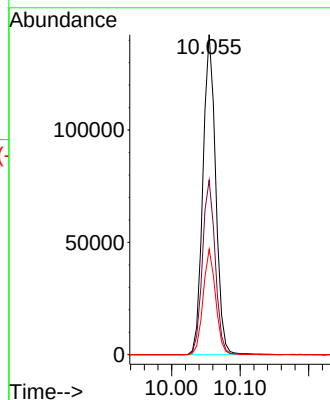
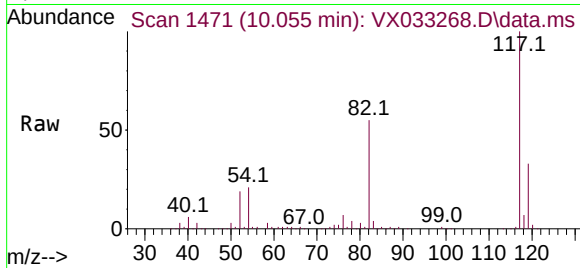




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

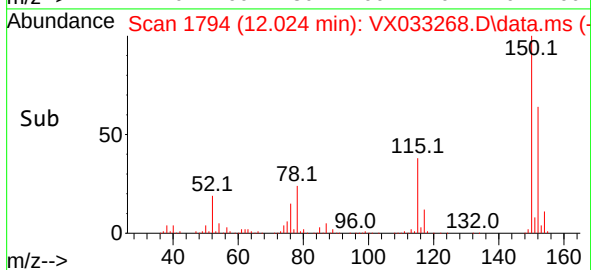
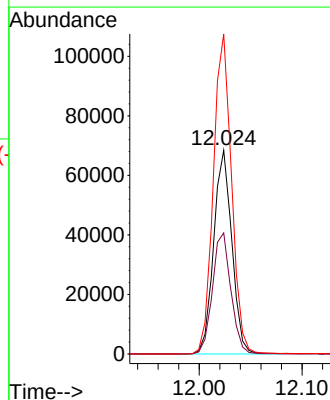
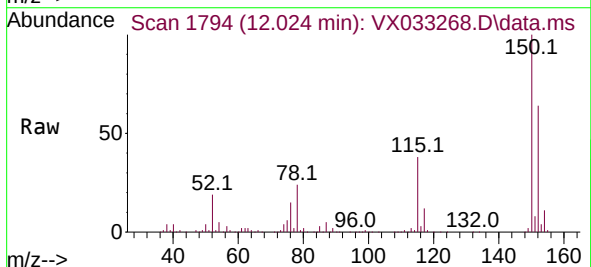
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

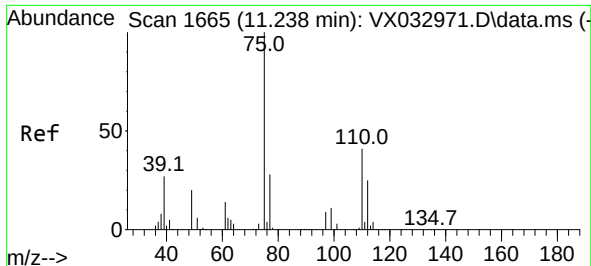
Tgt Ion:117 Resp: 185525
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

Tgt Ion:152 Resp: 83917
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 157.7 0.0 351.8

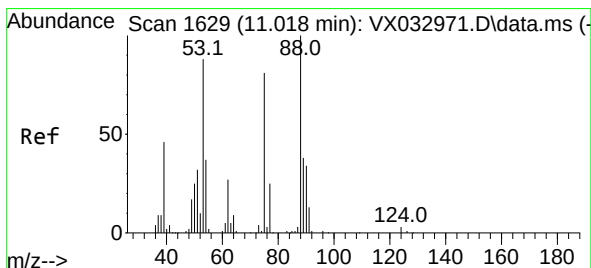
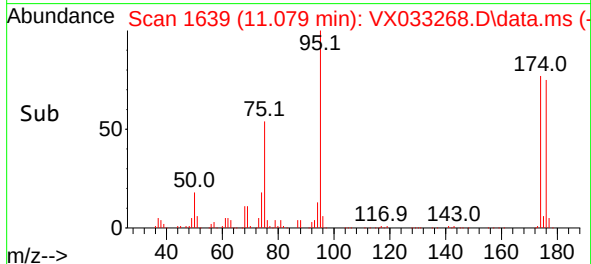
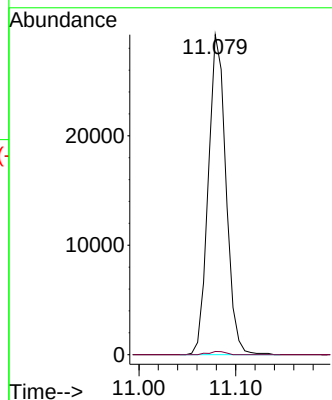
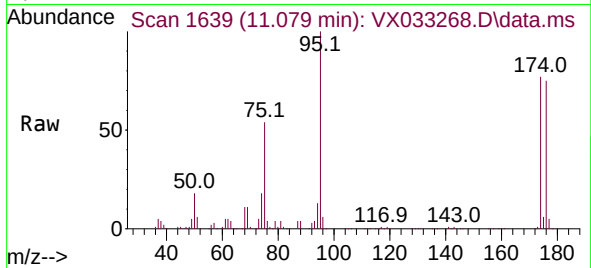




#76
1,2,3-Trichloropropane
Concen: 23.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

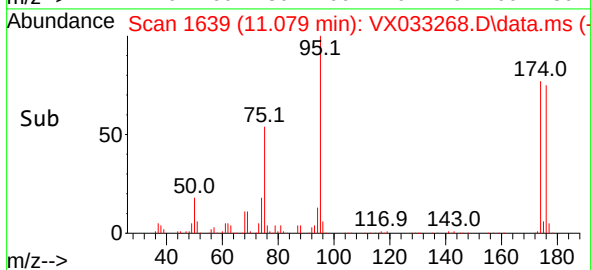
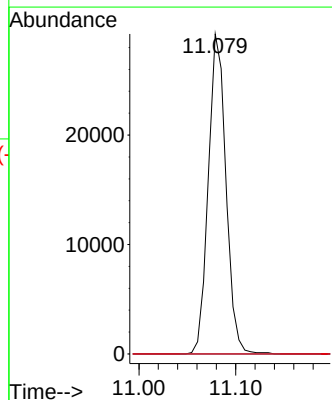
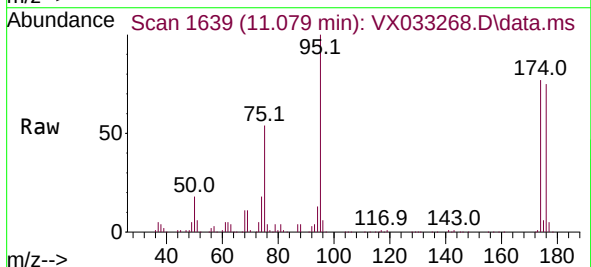
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

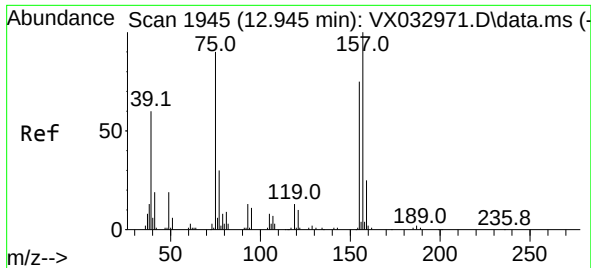
Tgt Ion: 75 Resp: 37188
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033268.D
Acq: 06 Dec 2022 18:55

Tgt Ion: 75 Resp: 37188
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.299 ug/l
 RT: 12.755 min Scan# 1914
 Delta R.T. -0.190 min
 Lab File: VX033268.D
 Acq: 06 Dec 2022 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 108
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.6 124.8#
 157 0.0 54.1 162.4#

