

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032434.D
 Acq On : 27 Oct 2022 17:27
 Operator : JC/MD
 Sample : N5315-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 221026025-02-TRIP-BLANK

Quant Time: Oct 28 07:14:00 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)

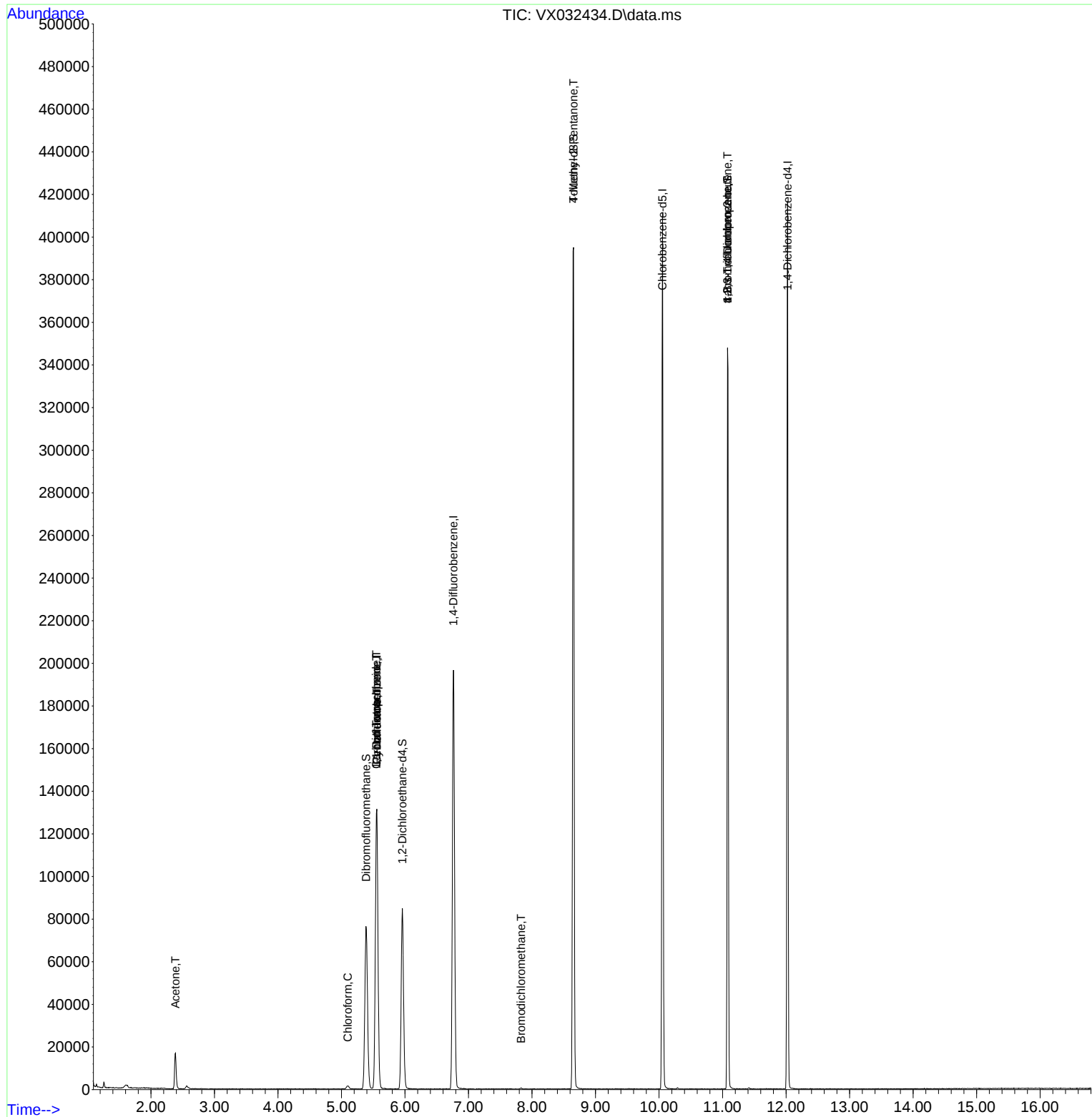
Internal Standards						
1) Pentafluorobenzene	5.556	168	123822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82500	47.952	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.900%		
35) Dibromofluoromethane	5.385	113	65807	45.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.480%		
50) Toluene-d8	8.653	98	240320	48.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.080%		
62) 4-Bromofluorobenzene	11.079	95	88795	45.439	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.880%		
Target Compounds						
16) Acetone	2.386	43	19135	30.601	ug/l	99
30) Chloroform	5.099	83	1983	0.734	ug/l #	80
31) Cyclohexane	5.556	56	3006	1.441	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	9766	4.875	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13059	5.877	ug/l #	16
47) Bromodichloromethane	7.830	83	451	0.213	ug/l #	96
51) 4-Methyl-2-Pentanone	8.653	43	1144	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49153	26.988	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49153	85.875	ug/l #	6

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

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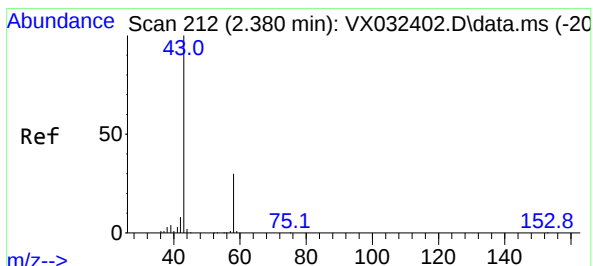
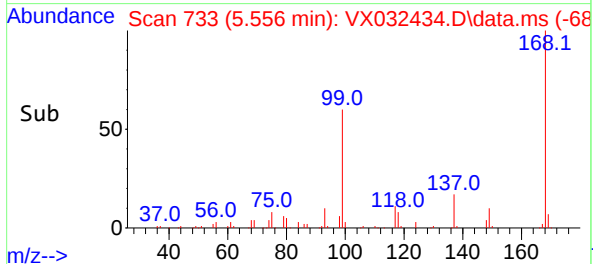
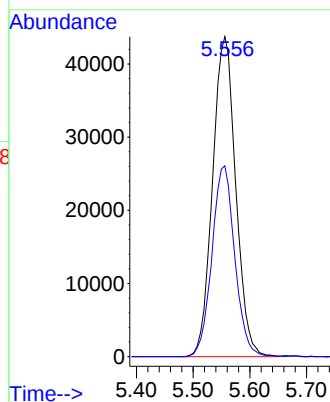
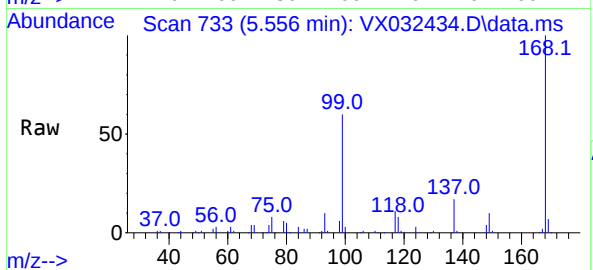




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

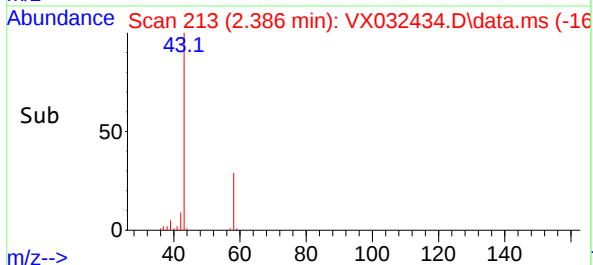
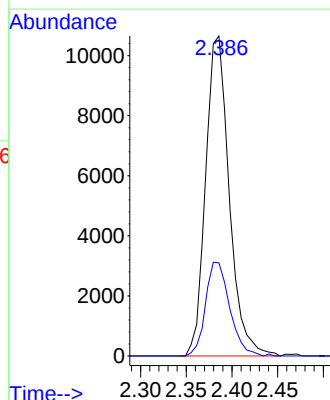
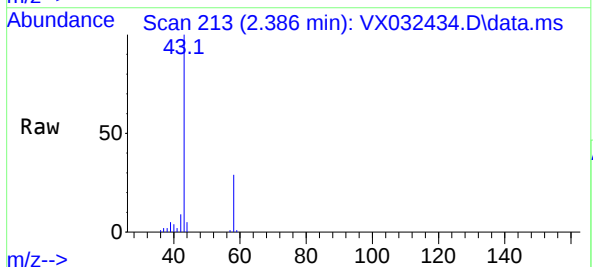
Instrument :
MSVOA_X
ClientSampleId :
221026025-02-TRIP-BLANK

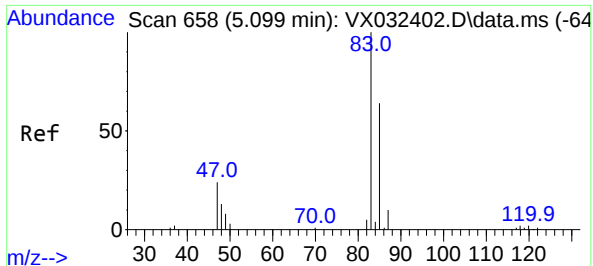
Tgt Ion:168 Resp: 123822
Ion Ratio Lower Upper
168 100
99 59.7 46.1 69.1



#16
Acetone
Concen: 30.601 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

Tgt Ion: 43 Resp: 19135
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.8

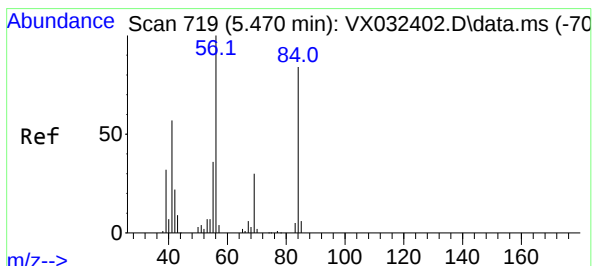
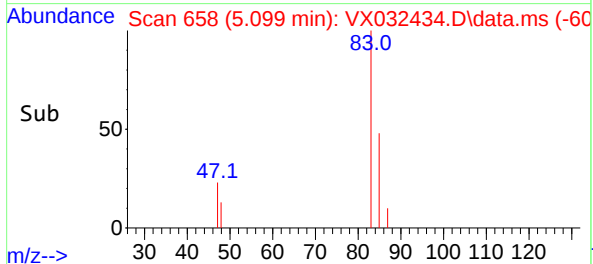
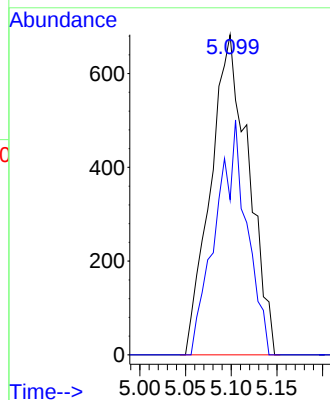
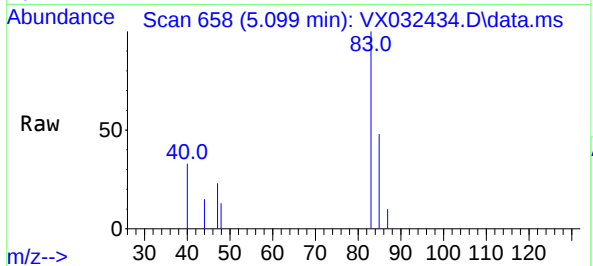




#30
Chloroform
Concen: 0.734 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

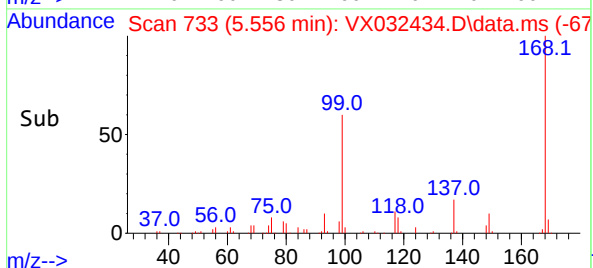
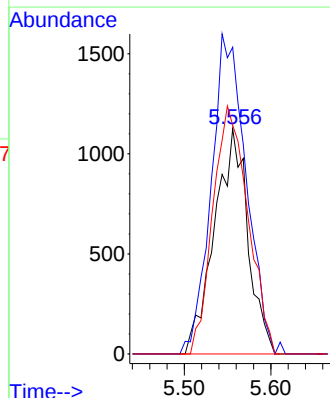
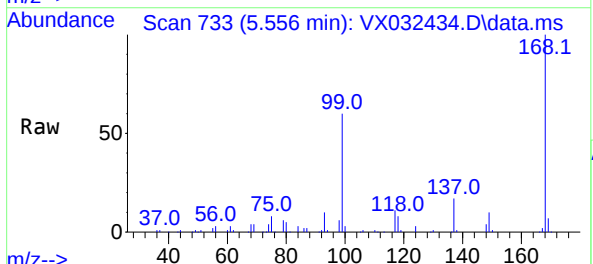
Instrument :
MSVOA_X
ClientSampleId :
221026025-02-TRIP-BLANK

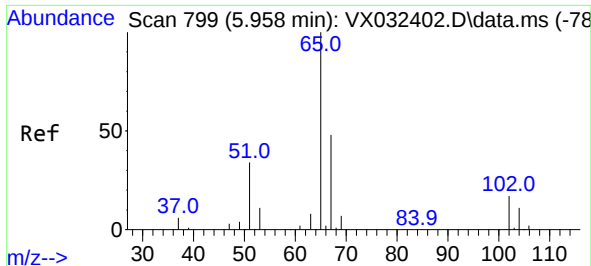
Tgt Ion: 83 Resp: 1983
Ion Ratio Lower Upper
83 100
85 48.5 51.1 76.7#



#31
Cyclohexane
Concen: 1.441 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

Tgt Ion: 56 Resp: 3006
Ion Ratio Lower Upper
56 100
69 136.1 24.1 36.1#
84 101.5 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.952 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032434.D

Acq: 27 Oct 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

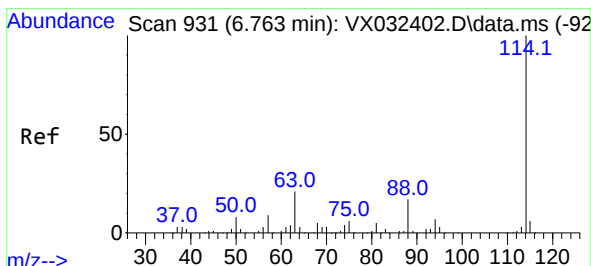
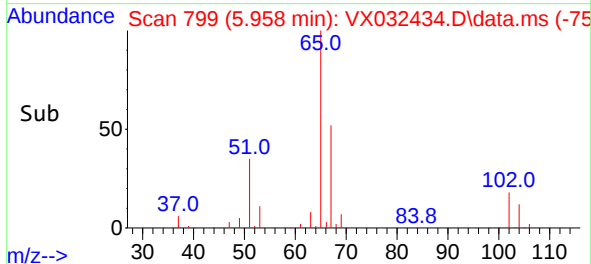
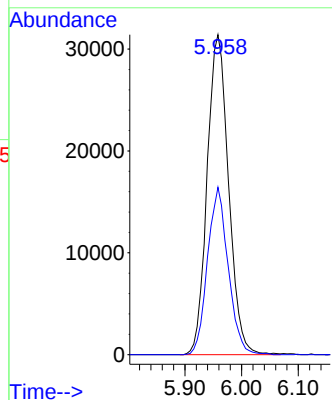
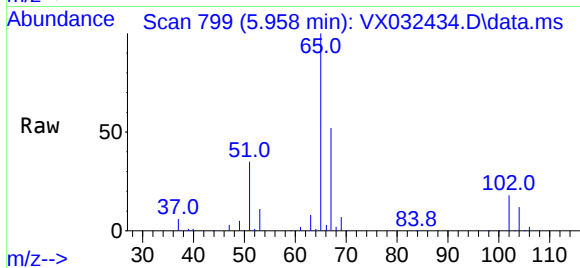
221026025-02-TRIP-BLANK

Tgt Ion: 65 Resp: 82500

Ion Ratio Lower Upper

65 100

67 50.4 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: VX032434.D

Acq: 27 Oct 2022 17:27

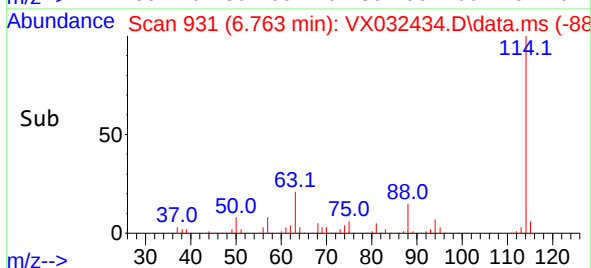
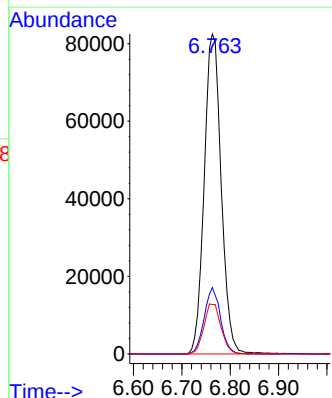
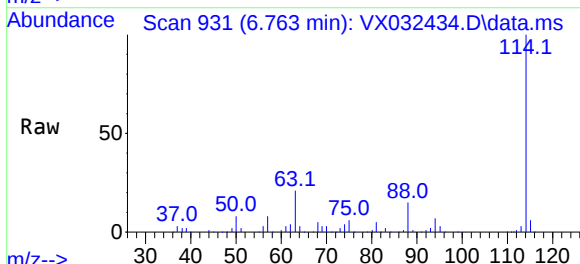
Tgt Ion: 114 Resp: 201691

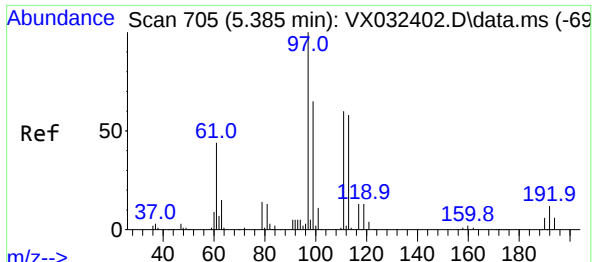
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

88 15.5 0.0 33.4

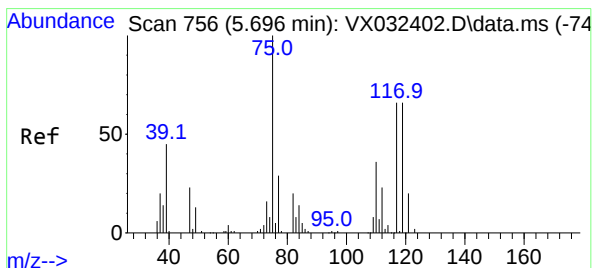
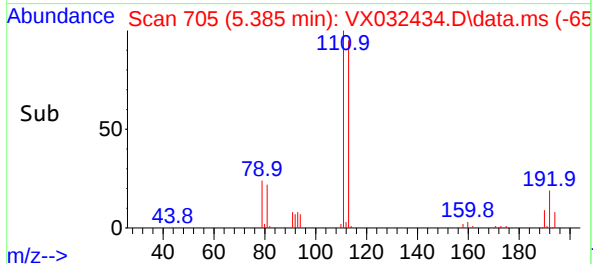
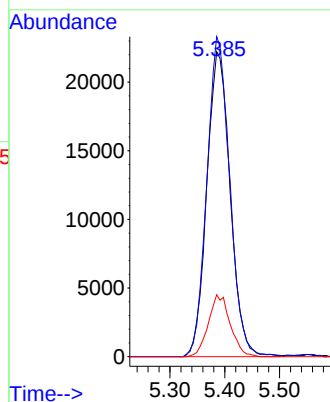
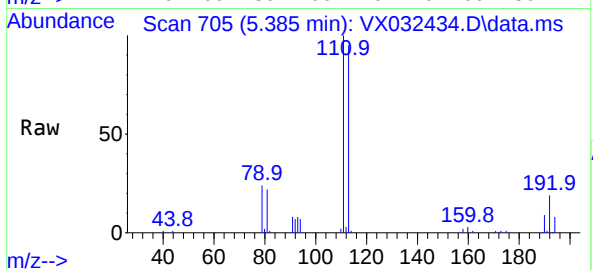




#35
Dibromofluoromethane
Concen: 45.741 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

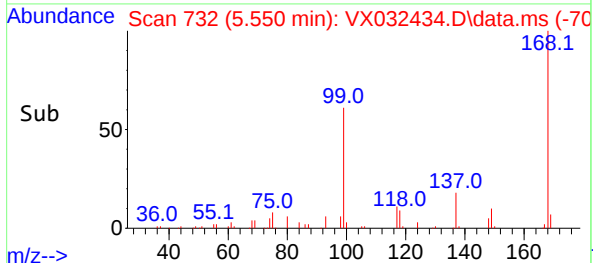
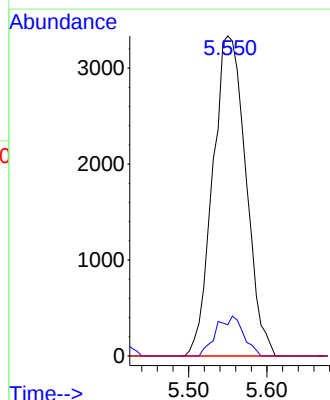
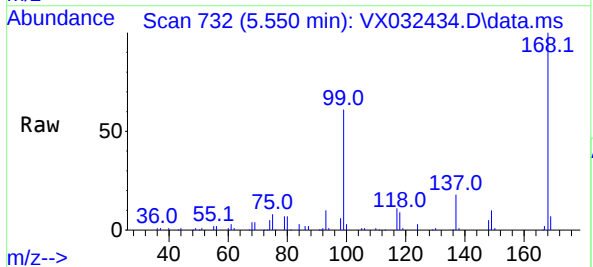
Instrument :
MSVOA_X
ClientSampleId :
221026025-02-TRIP-BLANK

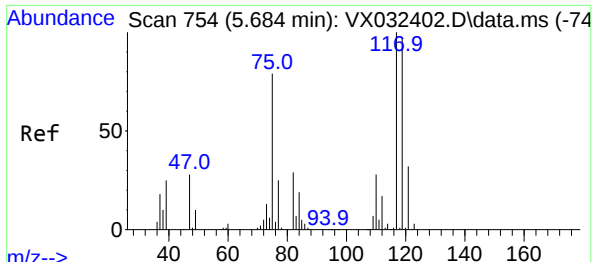
Tgt Ion:113 Resp: 65807
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

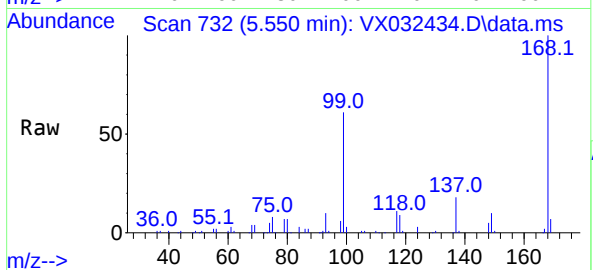
Tgt Ion: 75 Resp: 9766
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.5 36.7#



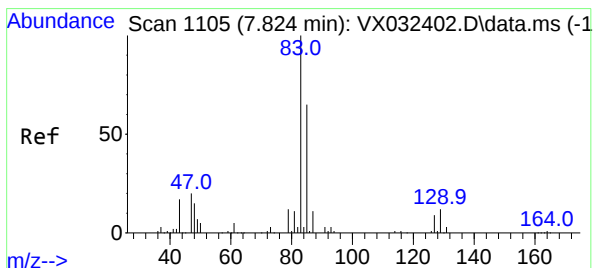
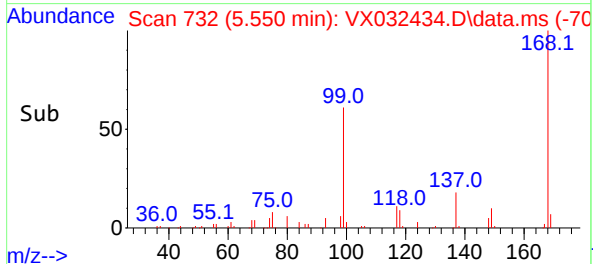
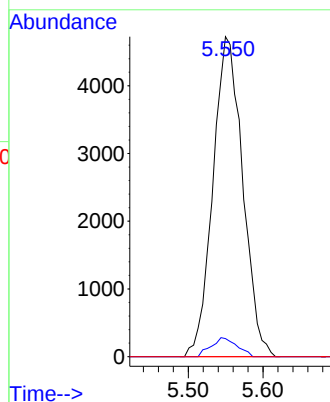


#38
Carbon Tetrachloride
Concen: 5.877 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
221026025-02-TRIP-BLANK

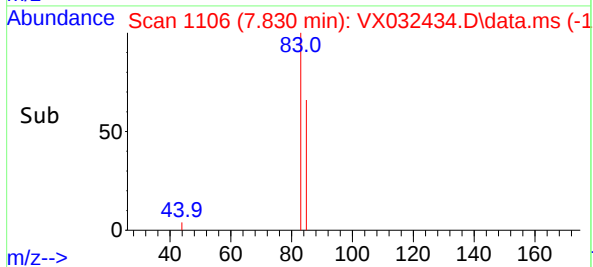
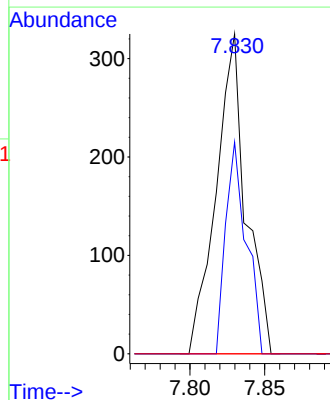
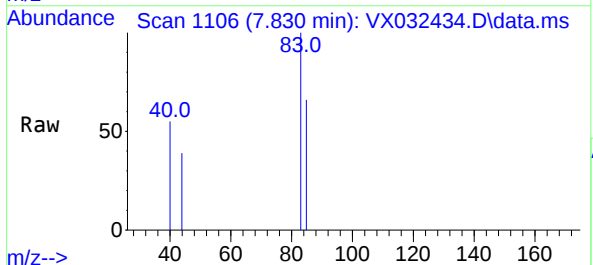


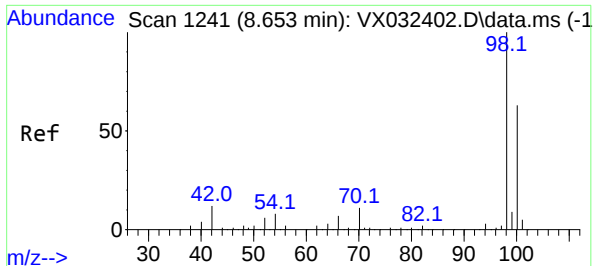
Tgt Ion:117 Resp: 13059
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 25.8 38.6#



#47
Bromodichloromethane
Concen: 0.213 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

Tgt Ion: 83 Resp: 451
Ion Ratio Lower Upper
83 100
85 66.2 52.2 78.4
127 0.0 7.4 11.2#





#50

Toluene-d8

Concen: 48.039 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX032434.D

Acq: 27 Oct 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

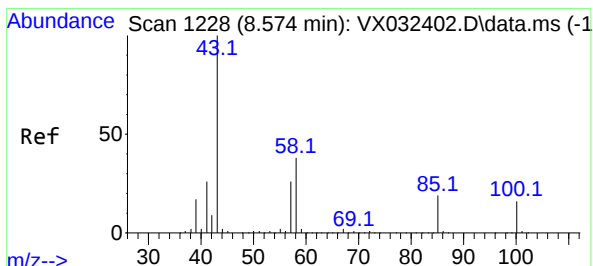
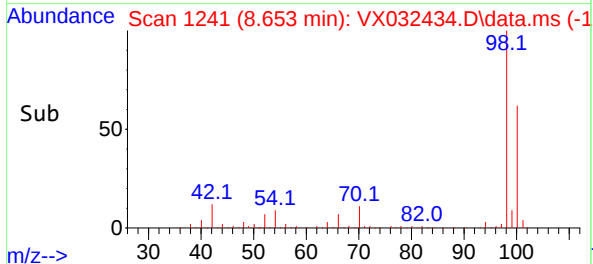
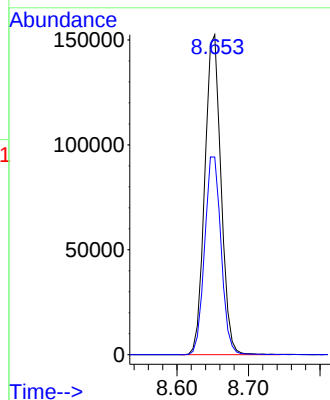
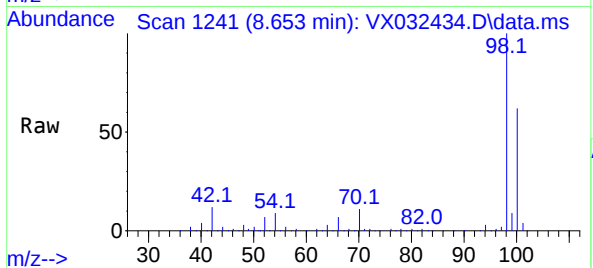
221026025-02-TRIP-BLANK

Tgt Ion: 98 Resp: 240320

Ion Ratio Lower Upper

98 100

100 62.7 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.567 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032434.D

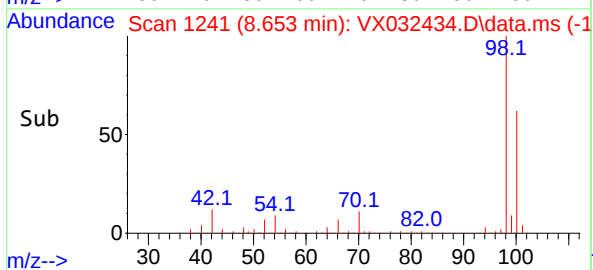
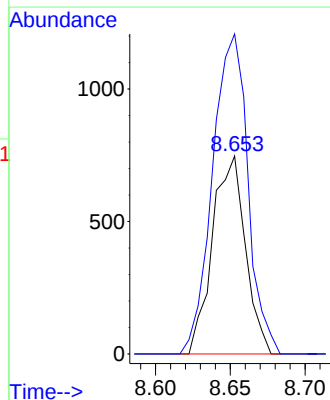
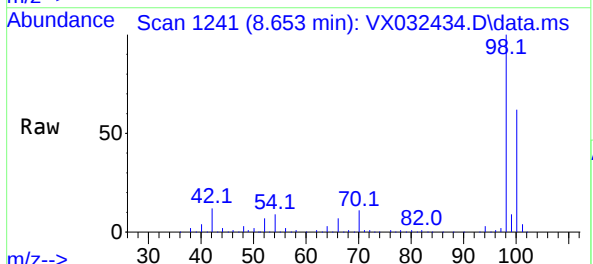
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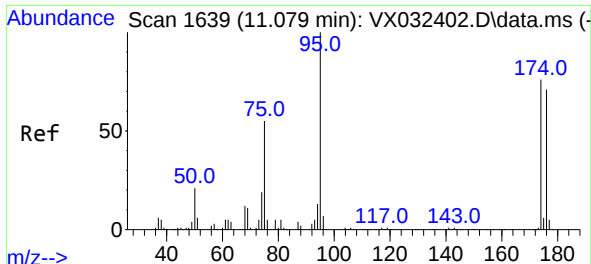
Tgt Ion: 43 Resp: 1144

Ion Ratio Lower Upper

43 100

58 173.4 30.9 46.3#

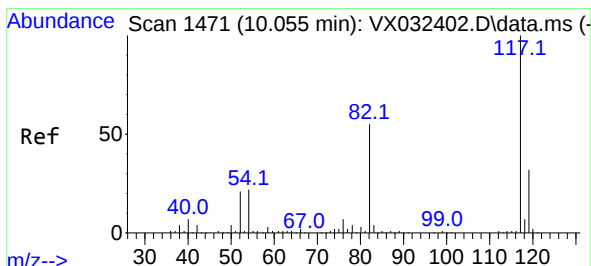
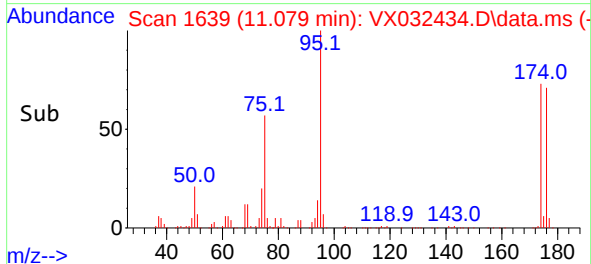
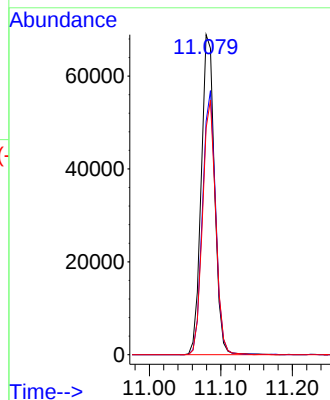
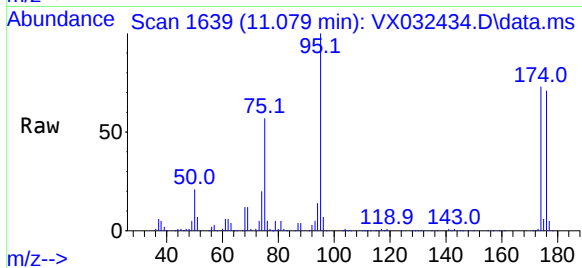




#62
4-Bromofluorobenzene
Concen: 45.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

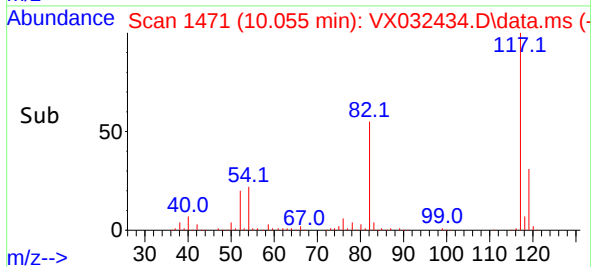
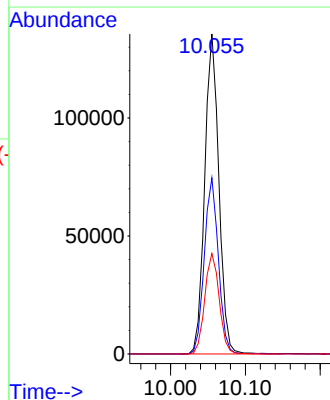
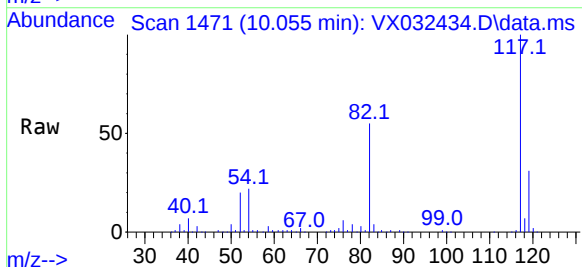
Instrument :
MSVOA_X
ClientSampleId :
221026025-02-TRIP-BLANK

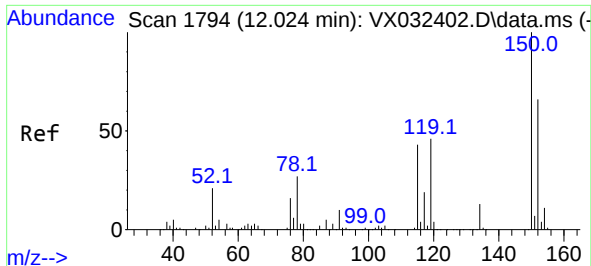
Tgt Ion: 95 Resp: 88795
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 78.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

Tgt Ion: 117 Resp: 177891
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.4 25.7 38.5

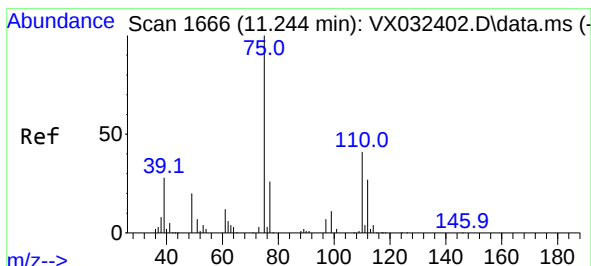
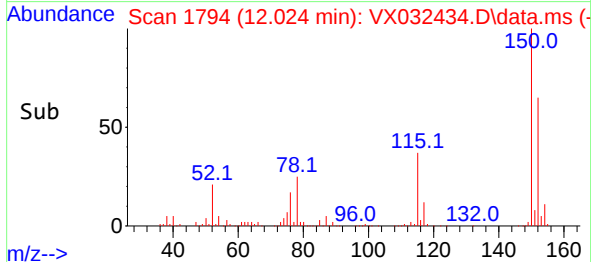
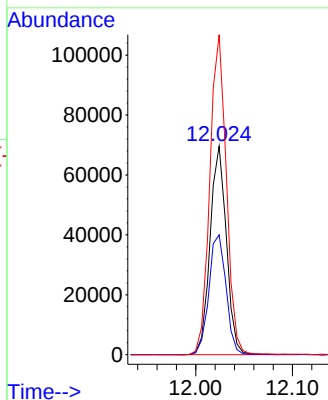
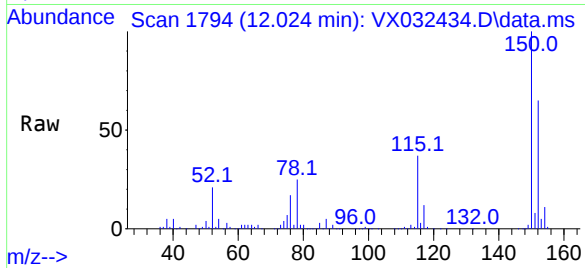




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

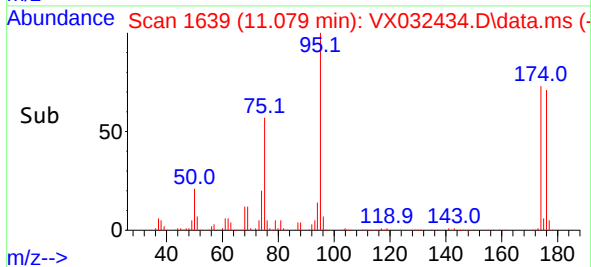
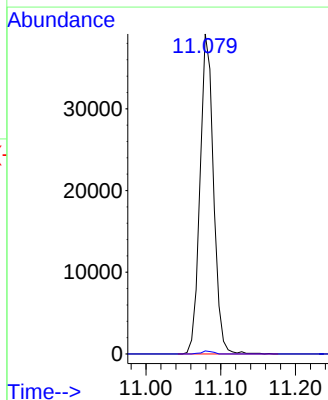
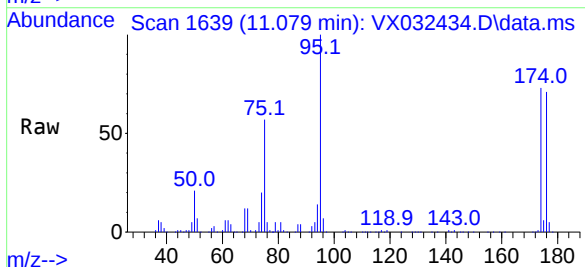
Instrument :
MSVOA_X
ClientSampleId :
221026025-02-TRIP-BLANK

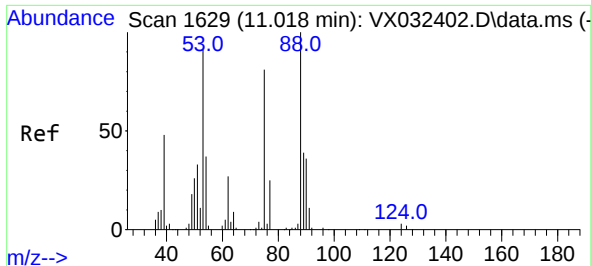
Tgt Ion:152 Resp: 81866
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 155.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032434.D
Acq: 27 Oct 2022 17:27

Tgt Ion: 75 Resp: 49153
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.875 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032434.D
 Acq: 27 Oct 2022 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 221026025-02-TRIP-BLANK

Tgt Ion: 75 Resp: 49153
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

