

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033529.D
 Acq On : 21 Dec 2022 12:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 22 03:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

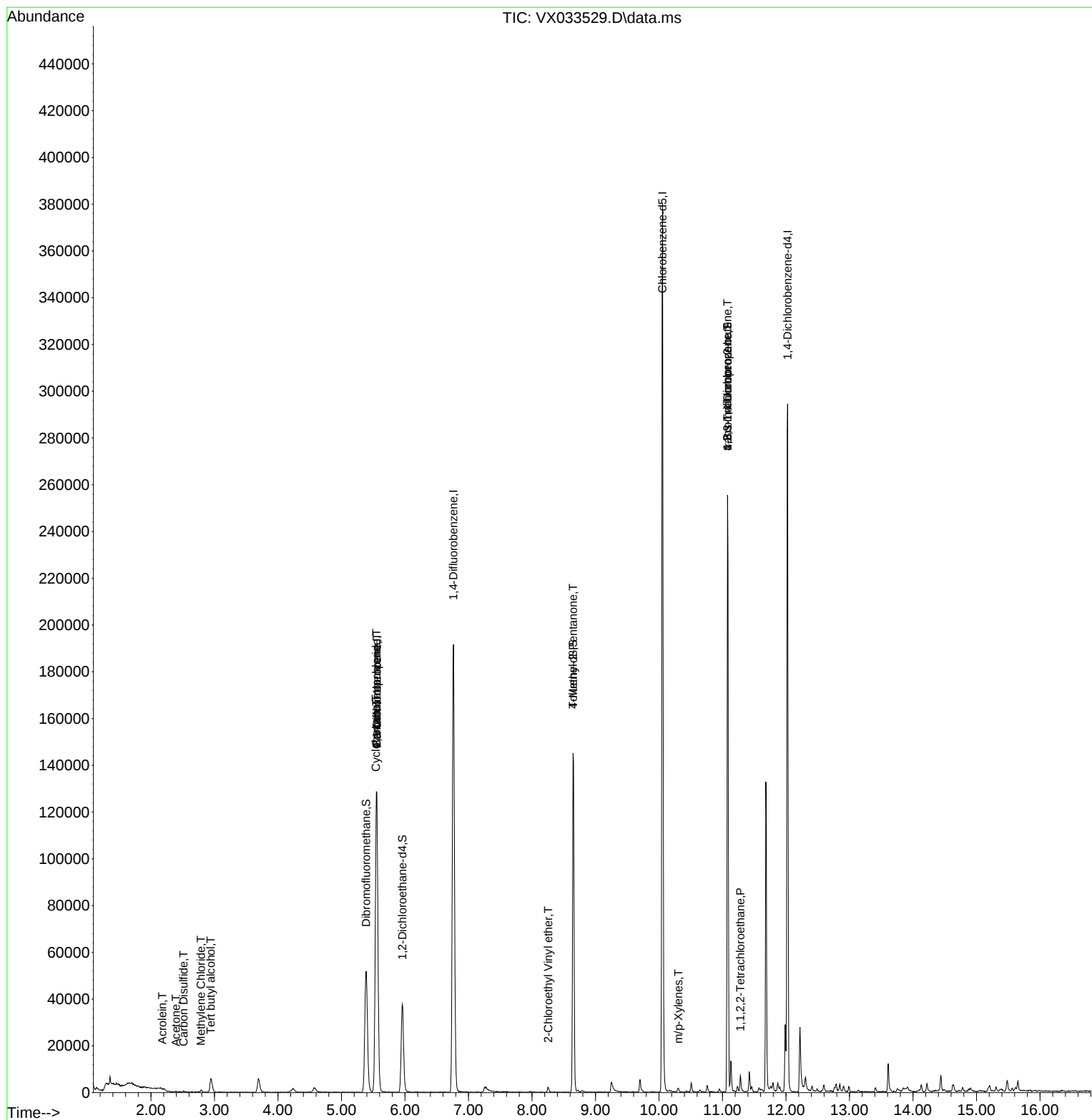
Internal Standards						
1) Pentafluorobenzene	5.556	168	133377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37272	43.559	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.120%		
35) Dibromofluoromethane	5.385	113	47570	50.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.720%		
50) Toluene-d8	8.647	98	93558	47.344	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.680%		
62) 4-Bromofluorobenzene	11.079	95	66243	43.841	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.680%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	3261	12.465	ug/l #	77
13) Acrolein	2.179	56	140	0.493	ug/l #	1
16) Acetone	2.392	43	552	0.872	ug/l #	84
17) Carbon Disulfide	2.514	76	727	0.234	ug/l #	74
20) Methylene Chloride	2.788	84	541	0.383	ug/l #	78
31) Cyclohexane	5.544	56	1951	0.959	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8723	4.736	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12869	6.237	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	545	0.308	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.257	63	984	1.047	ug/l	96
68) m/p-Xylenes	10.305	106	553	0.221	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.281	83	377	0.261	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	34006	26.621	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34006	82.811	ug/l #	6

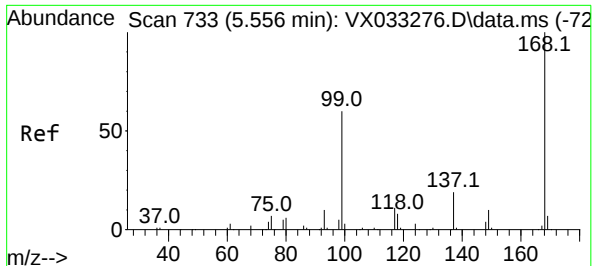
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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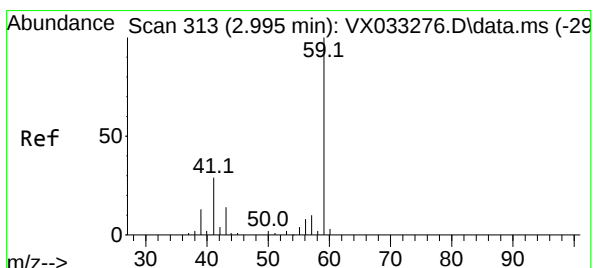
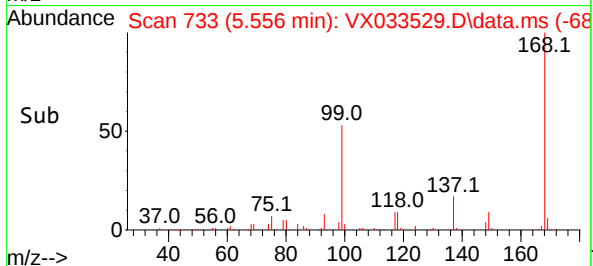
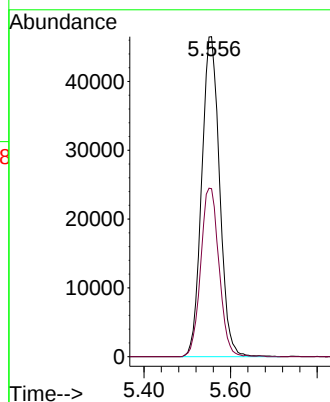
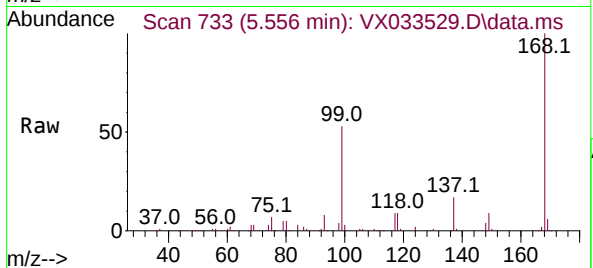




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

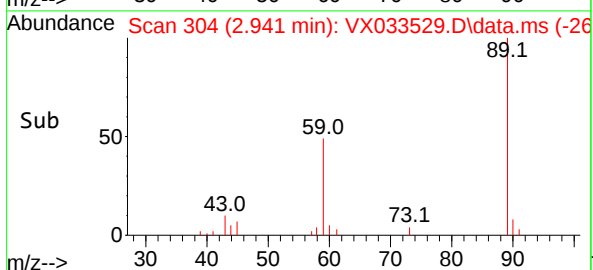
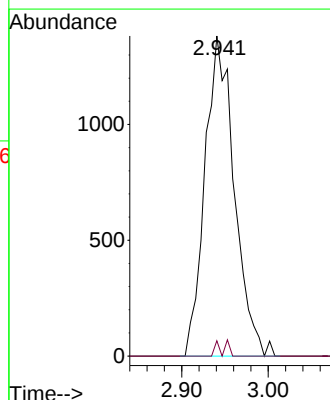
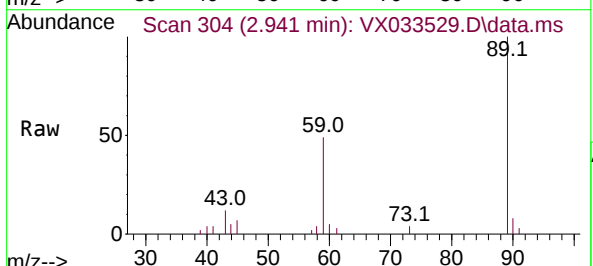
Instrument :
MSVOA_X
ClientSampleId :
IBLK

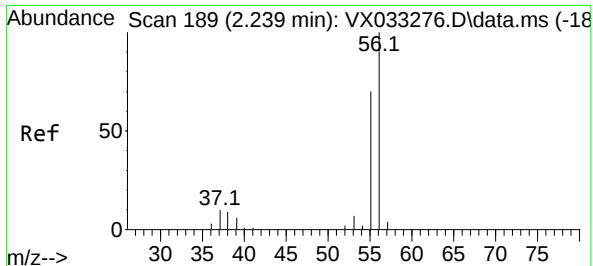
Tgt Ion:168 Resp: 133377
Ion Ratio Lower Upper
168 100
99 52.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 12.465 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.054 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

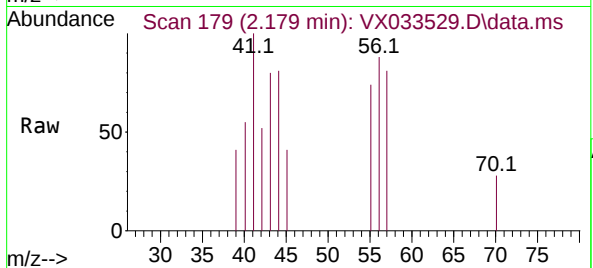
Tgt Ion: 59 Resp: 3261
Ion Ratio Lower Upper
59 100
57 1.5 8.2 12.4#



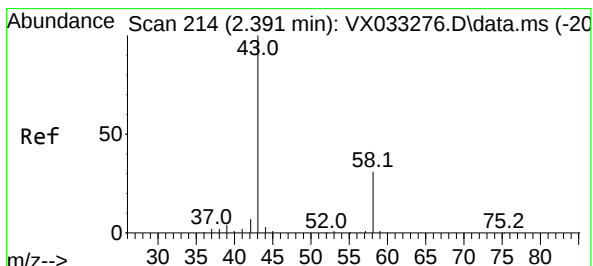
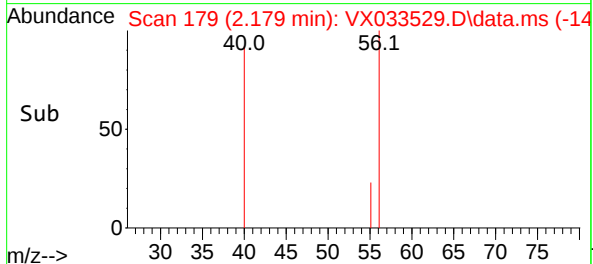


#13
Acrolein
Concen: 0.493 ug/l
RT: 2.179 min Scan# 11
Delta R.T. -0.060 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

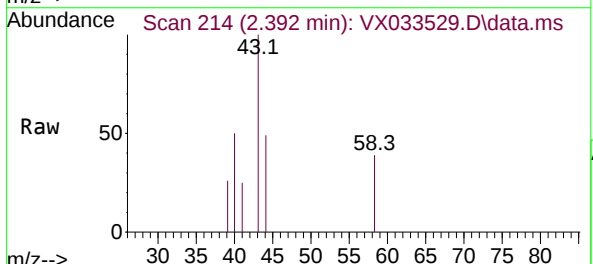
Instrument :
MSVOA_X
ClientSampleId :
IBLK



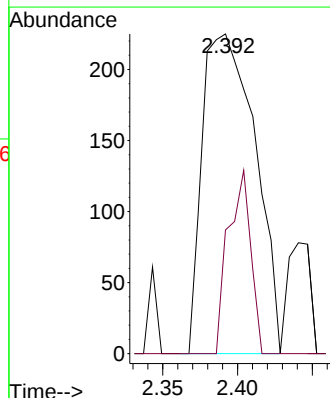
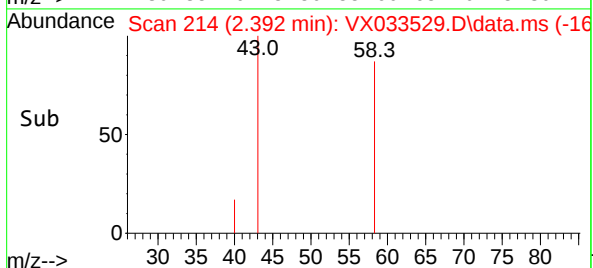
Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 226.4 56.9 85.3#

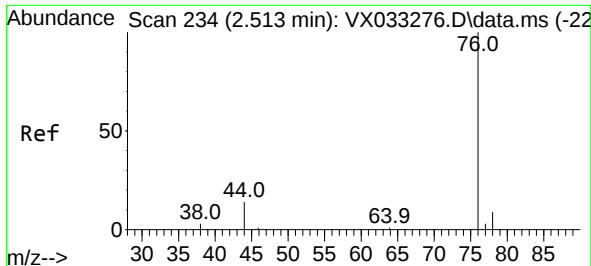


#16
Acetone
Concen: 0.872 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48



Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 38.7 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.234 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033529.D

Acq: 21 Dec 2022 12:48

Instrument :

MSVOA_X

ClientSampleId :

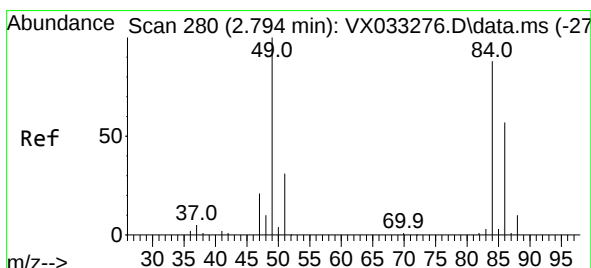
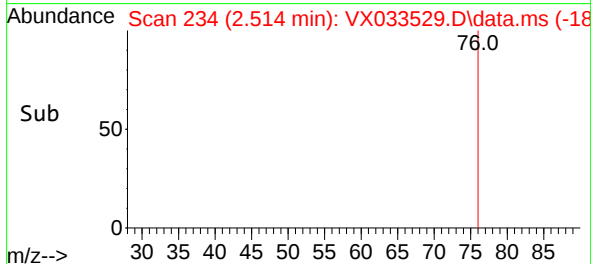
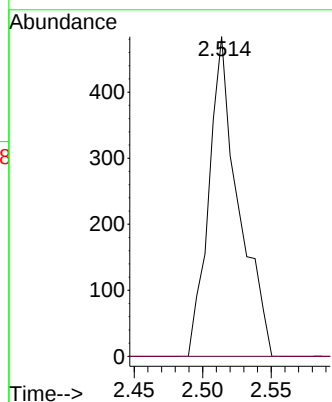
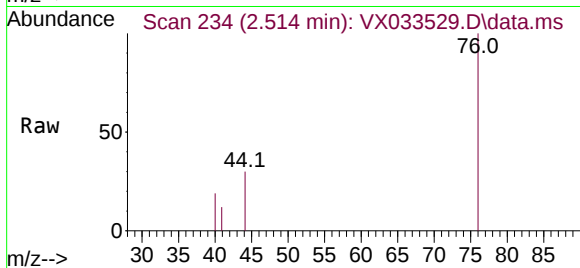
IBLK

Tgt Ion: 76 Resp: 727

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#20

Methylene Chloride

Concen: 0.383 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX033529.D

Acq: 21 Dec 2022 12:48

Tgt Ion: 84 Resp: 541

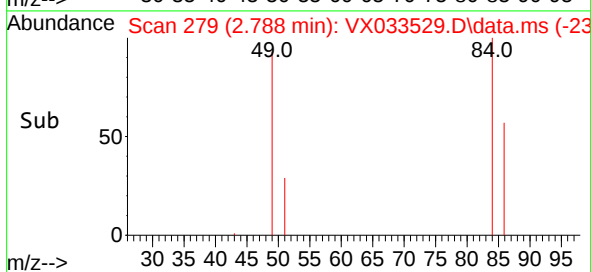
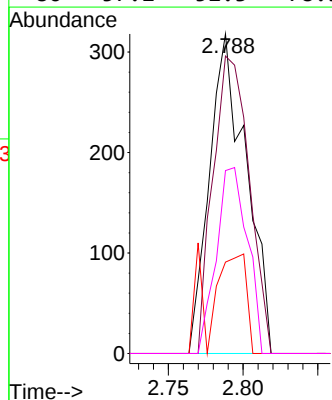
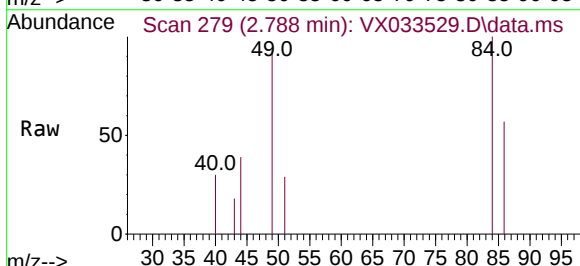
Ion Ratio Lower Upper

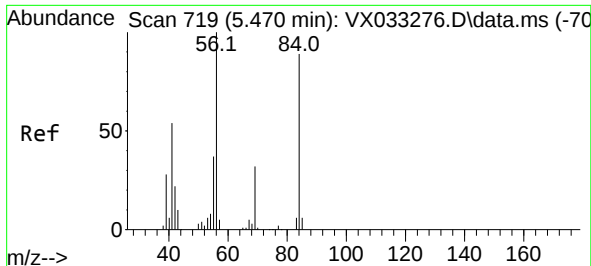
84 100

49 93.1 101.0 151.6#

51 28.6 31.1 46.7#

86 57.2 52.3 78.5

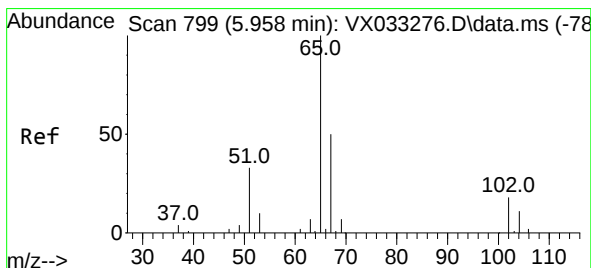
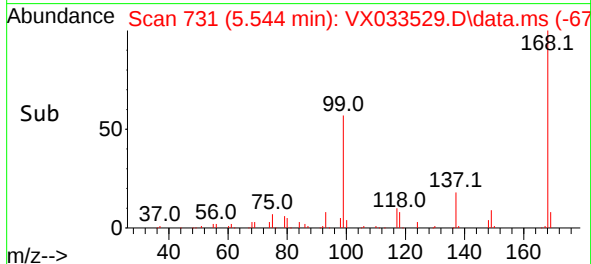
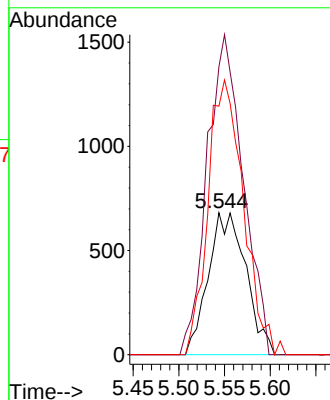
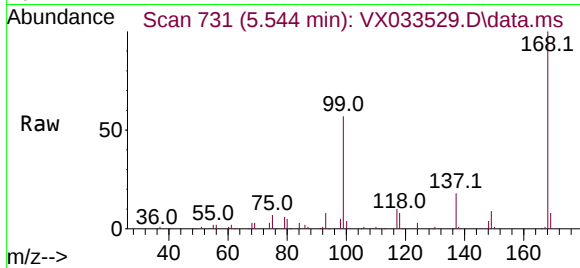




#31
Cyclohexane
Concen: 0.959 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

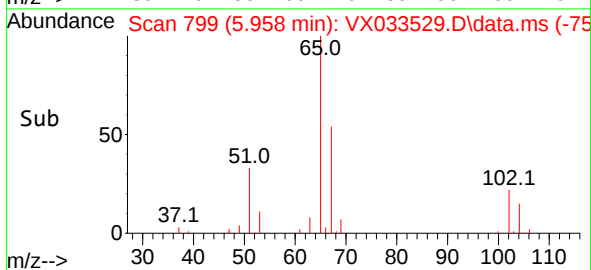
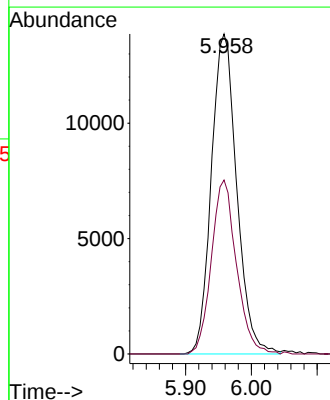
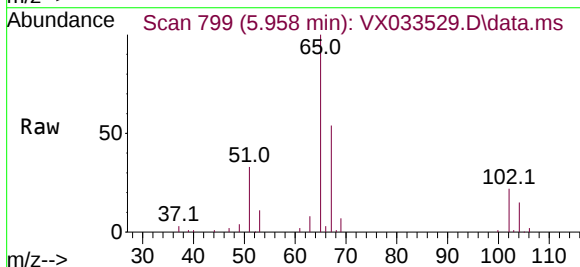
Instrument :
MSVOA_X
ClientSampleId :
IBLK

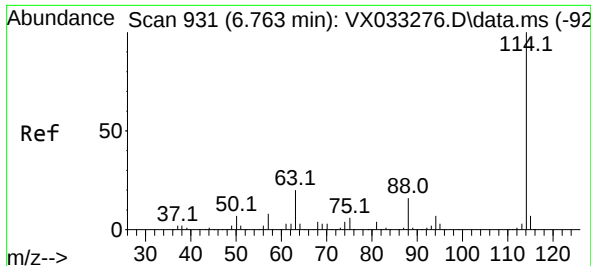
Tgt Ion: 56 Resp: 1951
Ion Ratio Lower Upper
56 100
69 202.9 24.1 36.1#
84 175.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 43.559 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

Tgt Ion: 65 Resp: 37272
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8

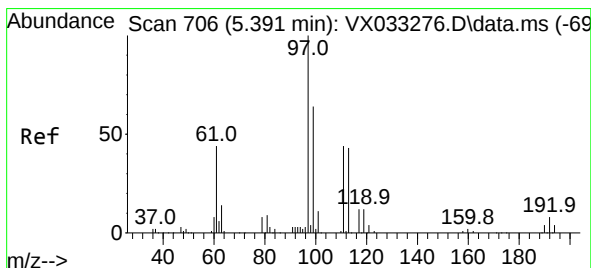
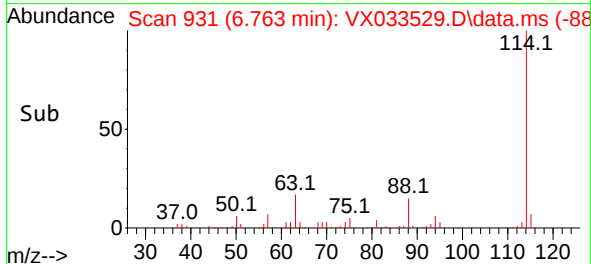
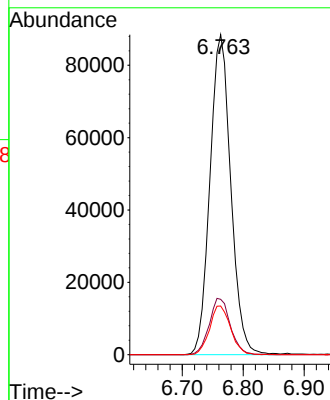
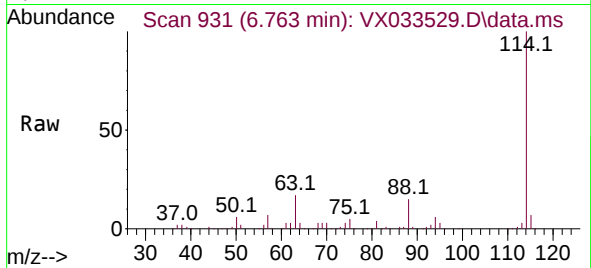




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

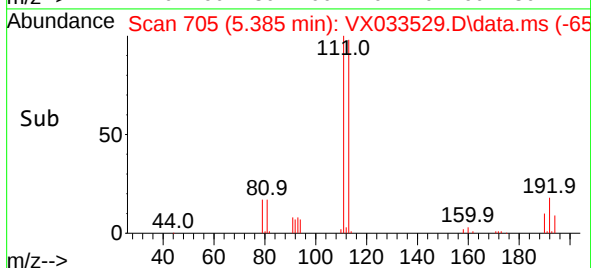
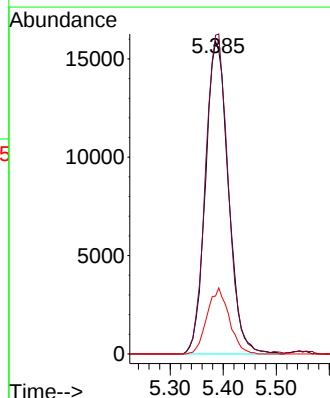
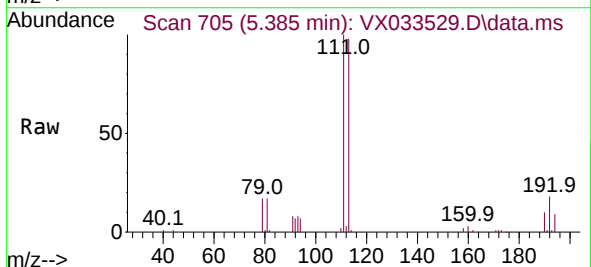
Instrument :
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IBLK

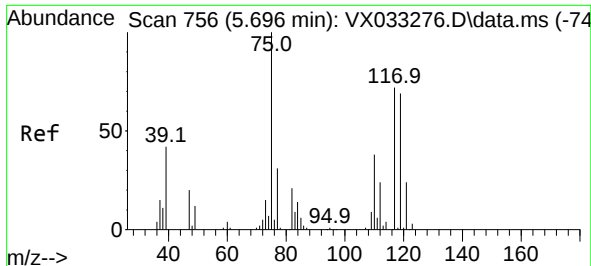
Tgt Ion:114 Resp: 210022
Ion Ratio Lower Upper
114 100
63 17.3 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.358 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

Tgt Ion:113 Resp: 47570
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 20.4 15.4 23.2

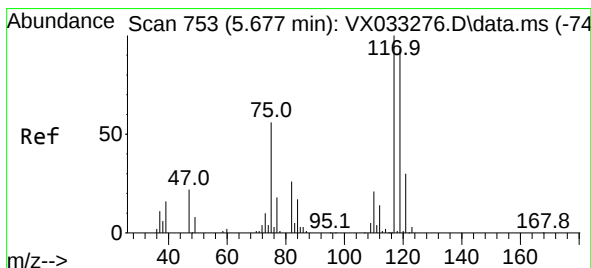
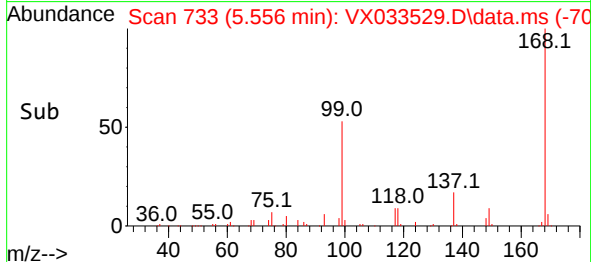
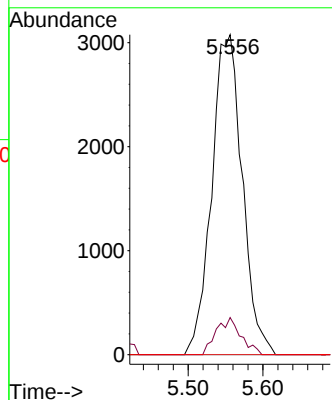
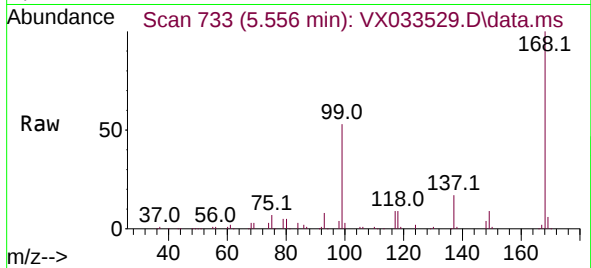




#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

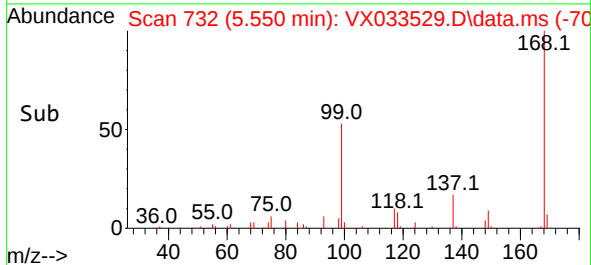
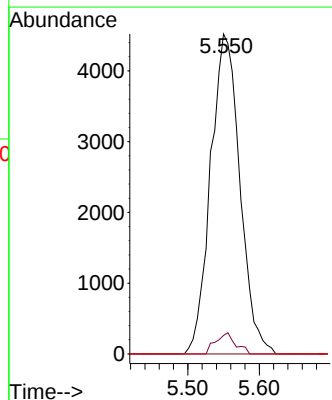
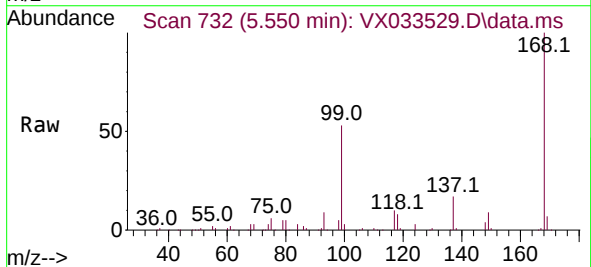
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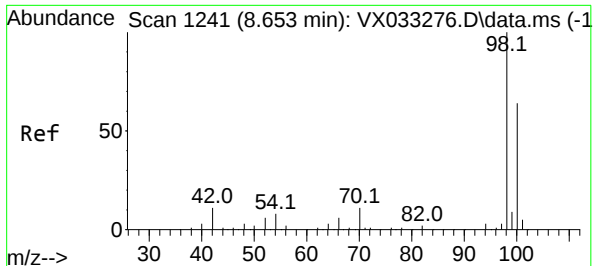
Tgt Ion: 75 Resp: 8723
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

Tgt Ion: 117 Resp: 12869
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.8 38.6#

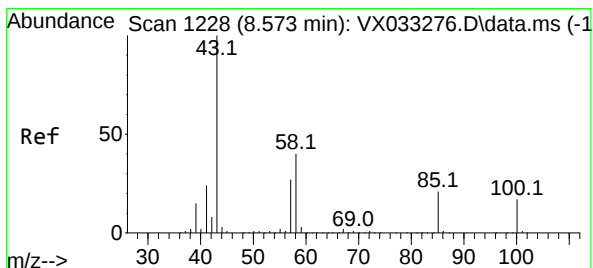
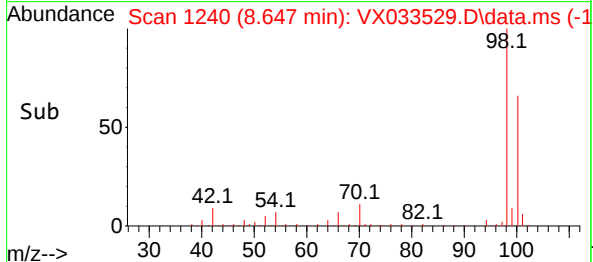
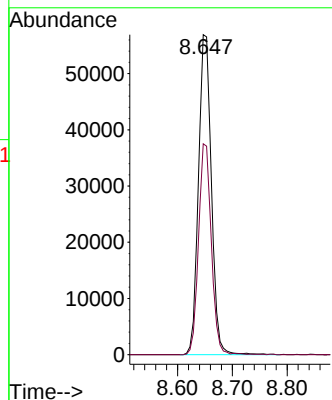
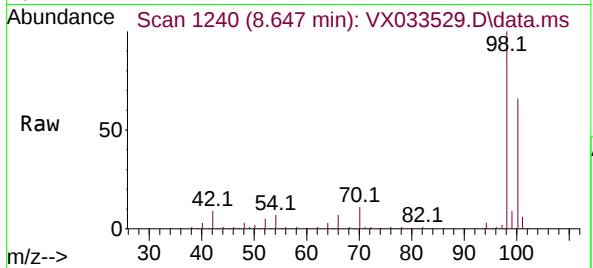




#50
Toluene-d8
Concen: 47.344 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

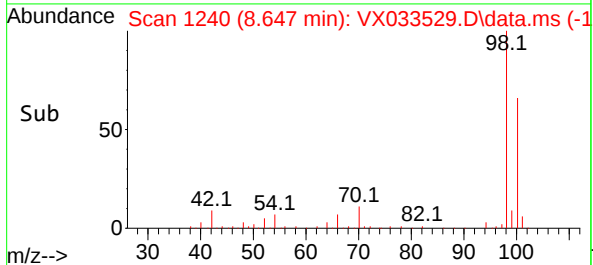
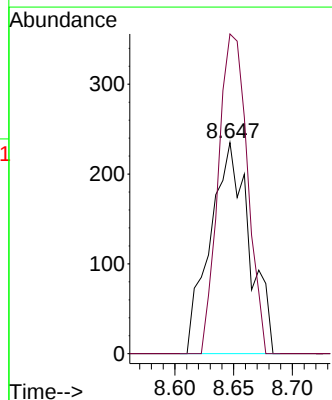
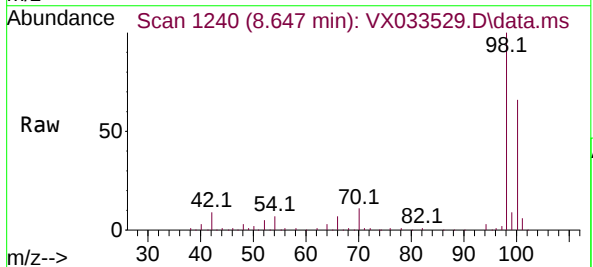
Instrument :
MSVOA_X
ClientSampleId :
IBLK

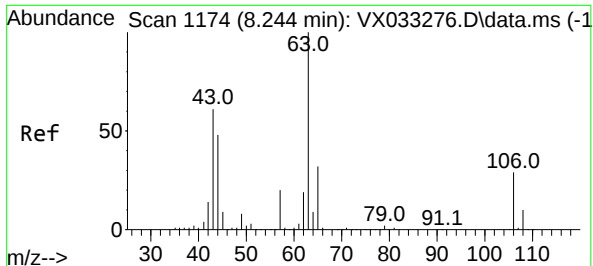
Tgt Ion: 98 Resp: 93558
Ion Ratio Lower Upper
98 100
100 65.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.308 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 112.5 30.9 46.3#





#58

2-Chloroethyl Vinyl ether

Concen: 1.047 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.013 min

Lab File: VX033529.D

Acq: 21 Dec 2022 12:48

Instrument :

MSVOA_X

ClientSampleId :

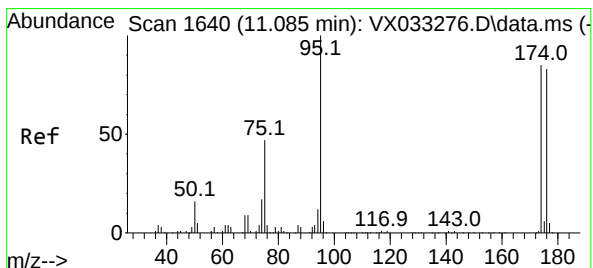
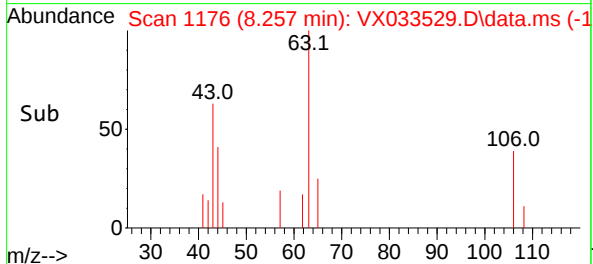
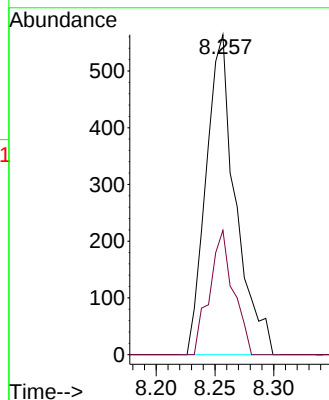
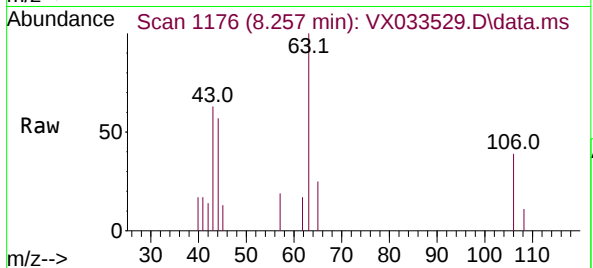
IBLK

Tgt Ion: 63 Resp: 984

Ion Ratio Lower Upper

63 100

106 31.4 23.3 34.9



#62

4-Bromofluorobenzene

Concen: 43.841 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033529.D

Acq: 21 Dec 2022 12:48

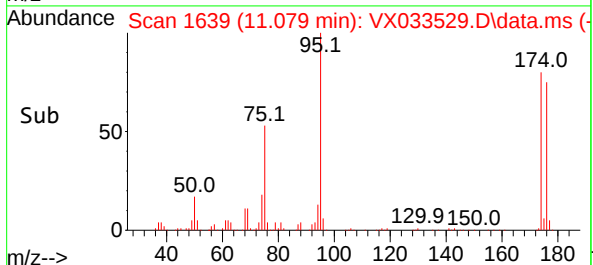
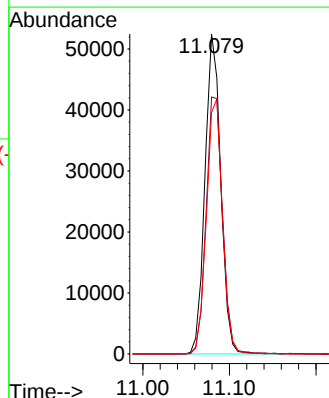
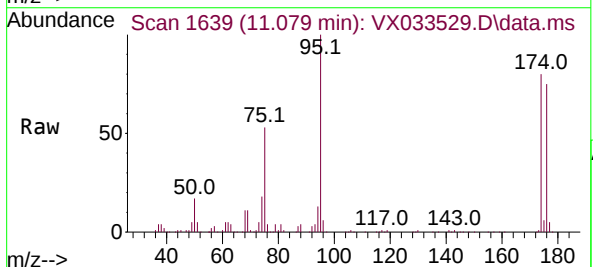
Tgt Ion: 95 Resp: 66243

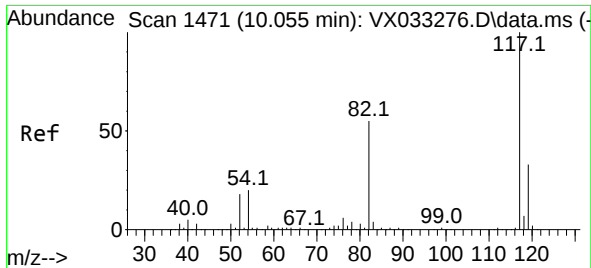
Ion Ratio Lower Upper

95 100

174 84.2 0.0 164.0

176 81.2 0.0 154.4

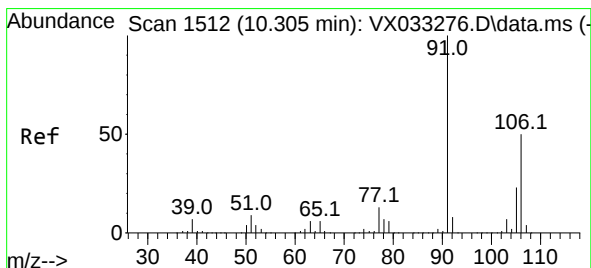
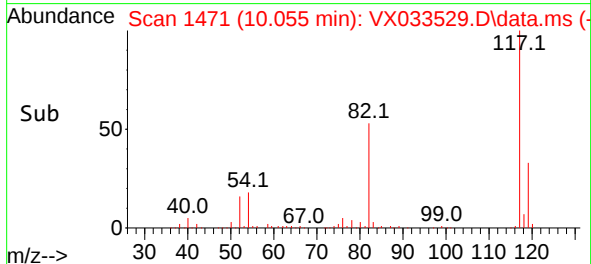
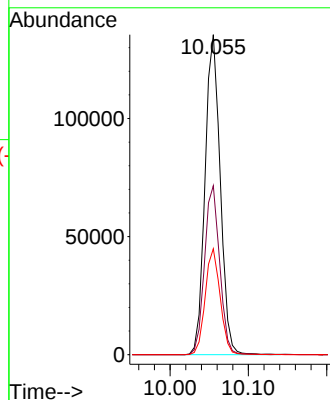
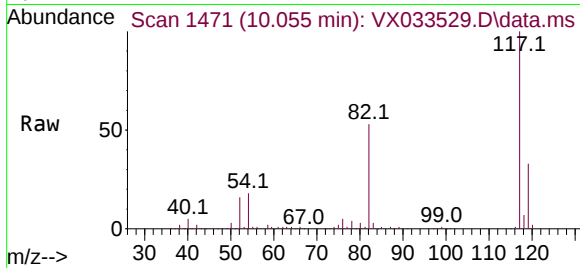




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

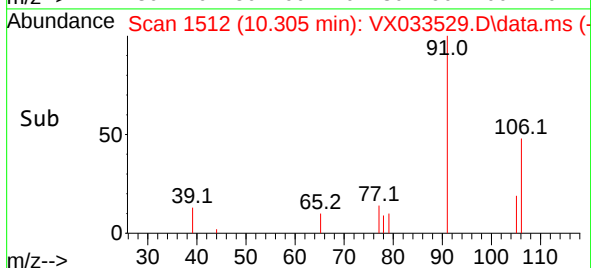
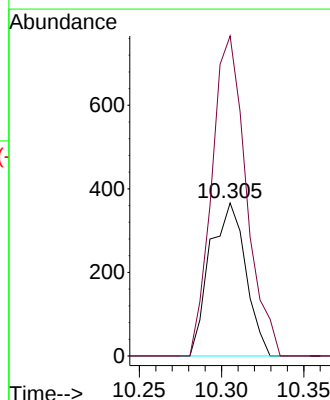
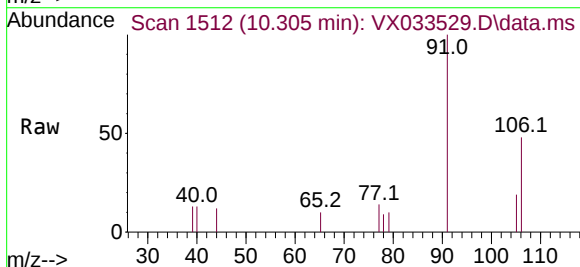
Instrument :
MSVOA_X
ClientSampleId :
IBLK

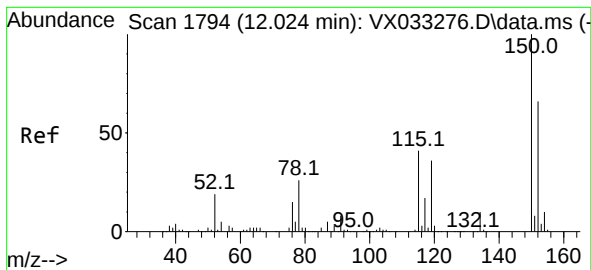
Tgt Ion:117 Resp: 182355
Ion Ratio Lower Upper
117 100
82 52.8 44.3 66.5
119 33.1 25.7 38.5



#68
m/p-Xylenes
Concen: 0.221 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

Tgt Ion:106 Resp: 553
Ion Ratio Lower Upper
106 100
91 201.4 164.5 246.7

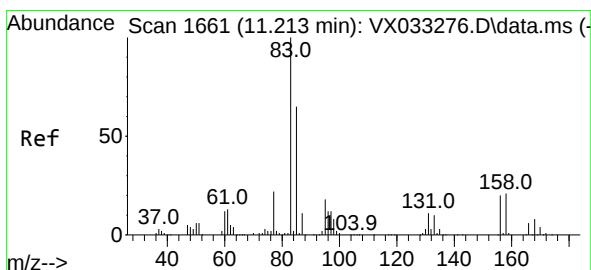
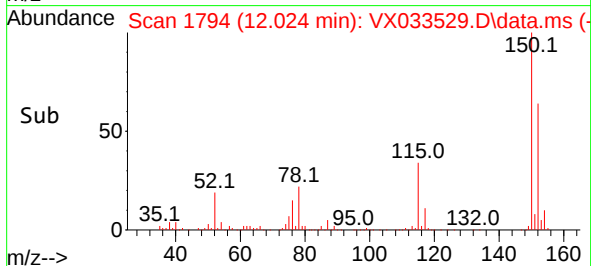
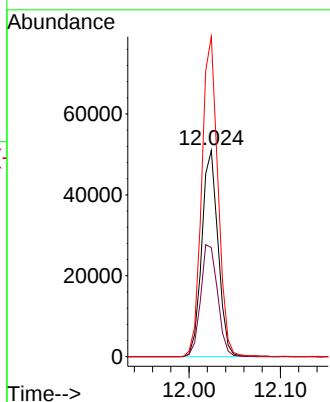
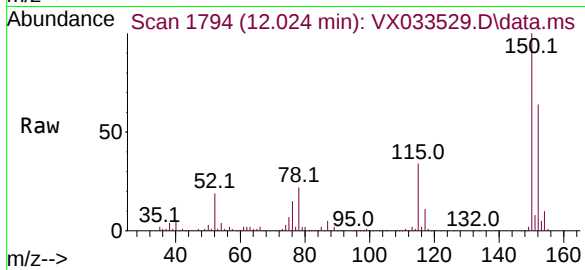




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033529.D
 Acq: 21 Dec 2022 12:48

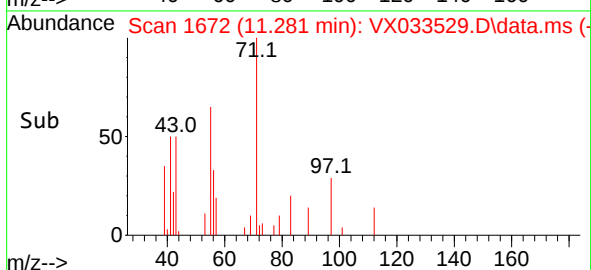
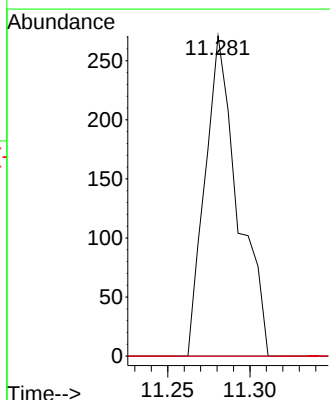
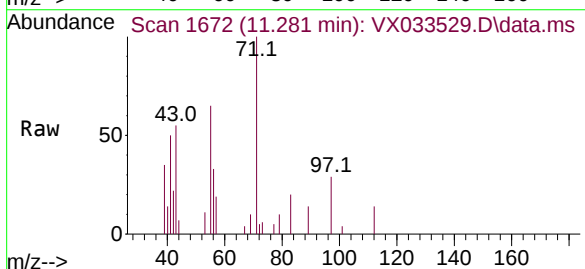
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

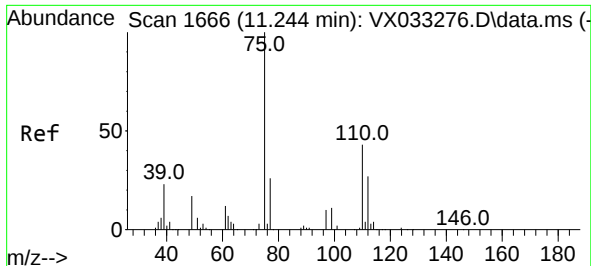
Tgt Ion:152 Resp: 62786
 Ion Ratio Lower Upper
 152 100
 115 56.5 44.0 132.0
 150 154.8 0.0 351.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.261 ug/l
 RT: 11.281 min Scan# 1672
 Delta R.T. 0.068 min
 Lab File: VX033529.D
 Acq: 21 Dec 2022 12:48

Tgt Ion: 83 Resp: 377
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.4 16.2#
 85 0.0 31.9 95.9#

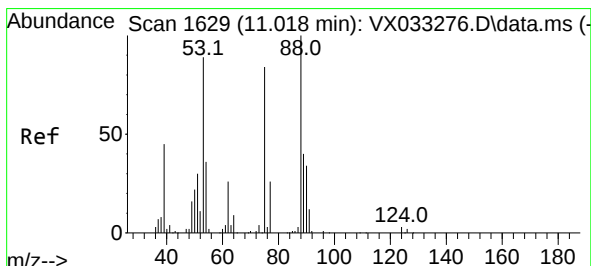
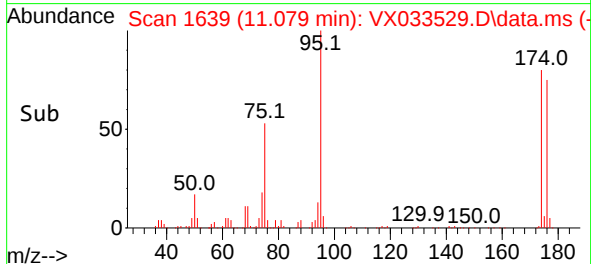
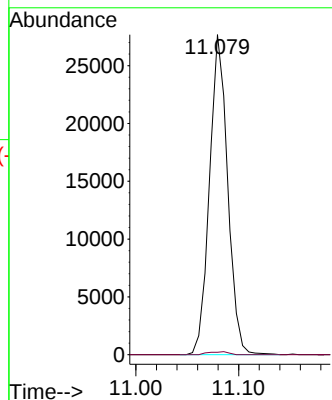
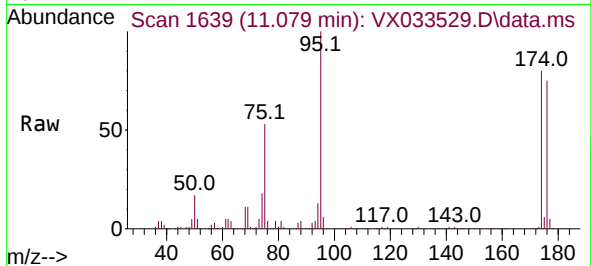




#76
1,2,3-Trichloropropane
Concen: 26.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 34006
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033529.D
Acq: 21 Dec 2022 12:48

Tgt Ion: 75 Resp: 34006
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

