

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037811.D
 Acq On : 19 Sep 2023 17:13
 Operator : JC/MD
 Sample : 04460-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DEL-2-RIGHT-SIDE

Quant Time: Sep 20 01:05:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

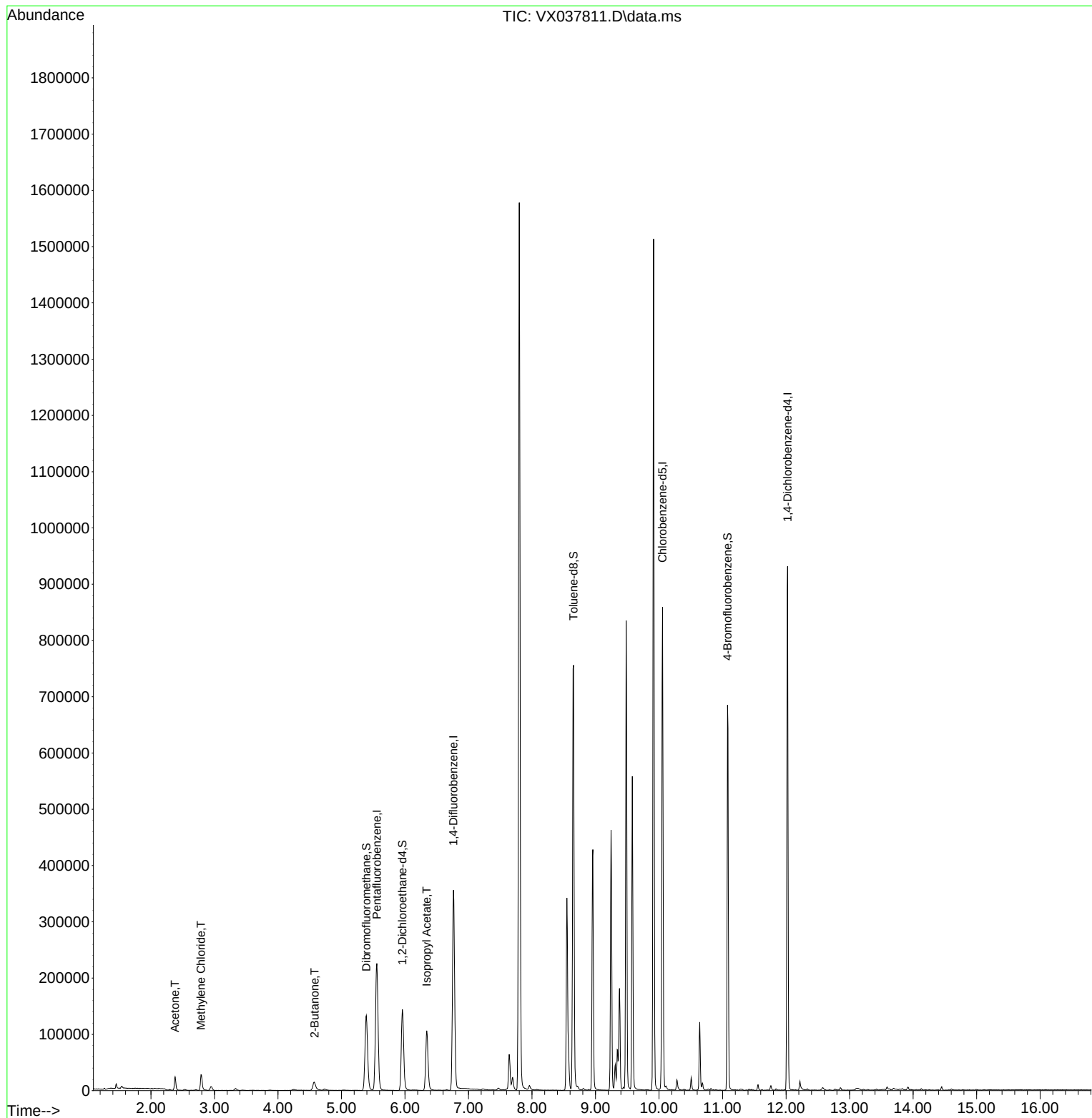
Internal Standards						
1) Pentafluorobenzene	5.556	168	218346	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137225	47.835	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.660%
35) Dibromofluoromethane	5.391	113	116648	46.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.653	98	467284	50.330	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	178189	52.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.640%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	24949	18.078	ug/l	# 89
20) Methylene Chloride	2.788	84	14392	5.618	ug/l	# 85
25) 2-Butanone	4.574	43	15362	7.888	ug/l	98
43) Isopropyl Acetate	6.342	43	142554	23.559	ug/l	# 95

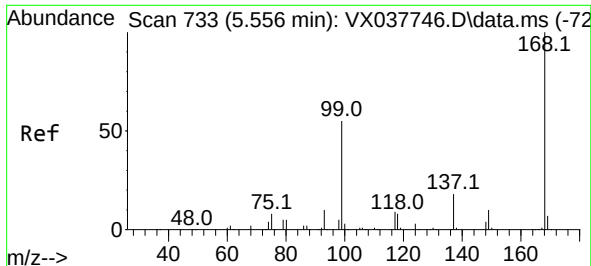
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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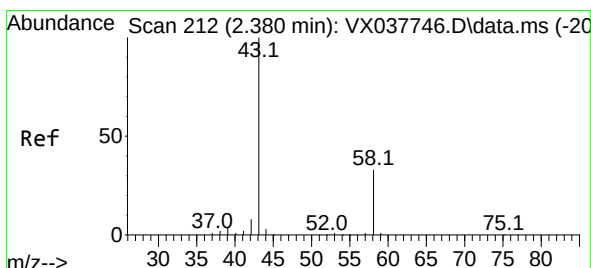
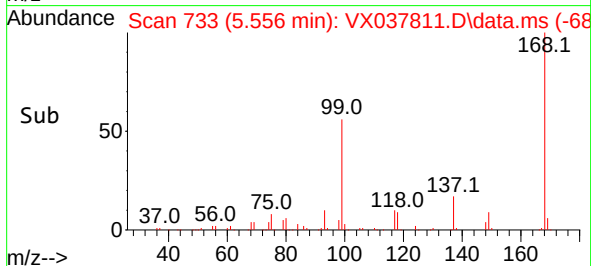
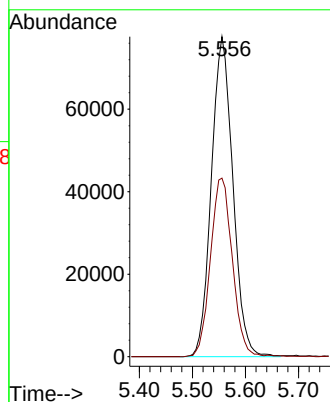
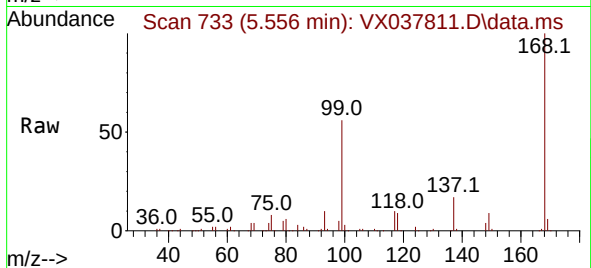




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

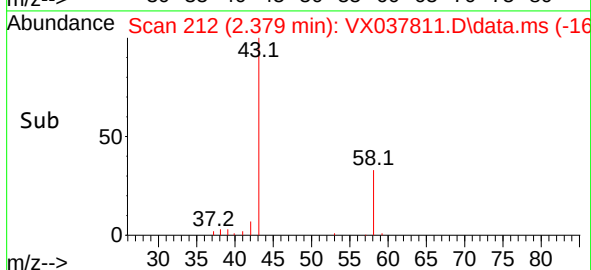
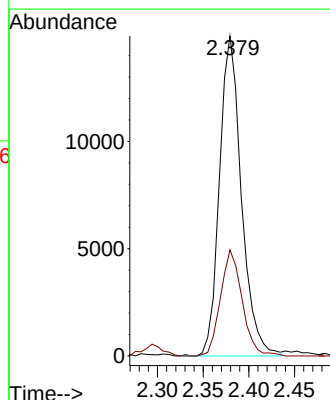
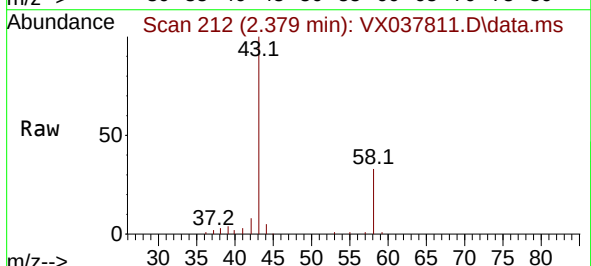
Instrument :
MSVOA_X
ClientSampleId :
DEL-2-RIGHT-SIDE

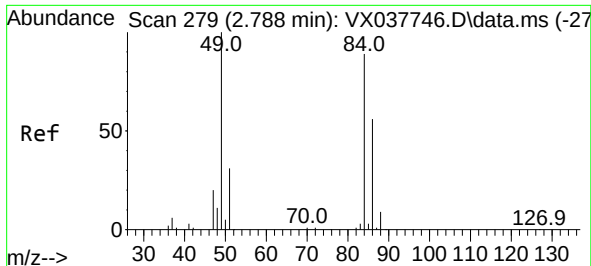
Tgt Ion:168 Resp: 218346
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#16
Acetone
Concen: 18.078 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 43 Resp: 24949
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#

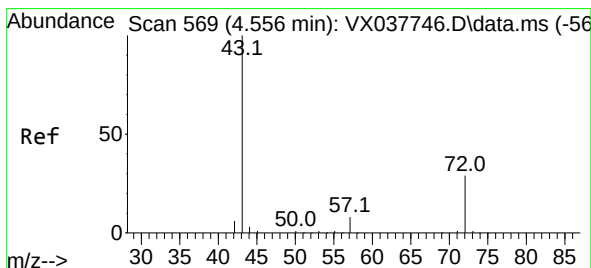
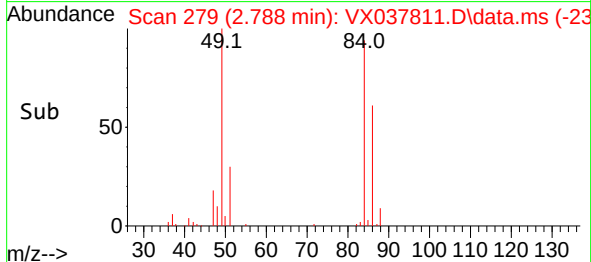
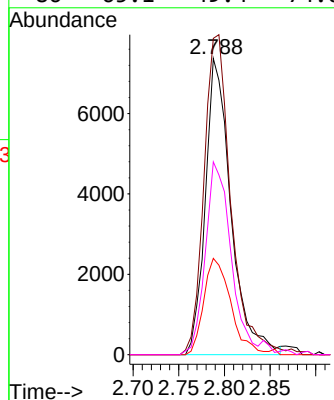
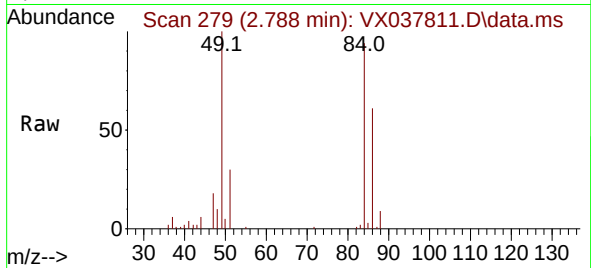




#20
Methylene Chloride
Concen: 5.618 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

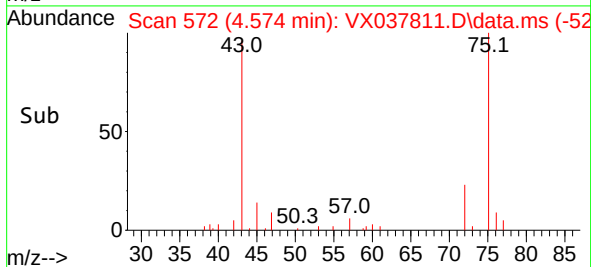
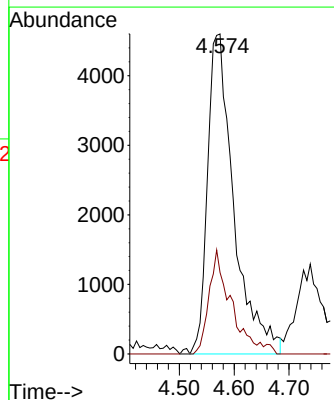
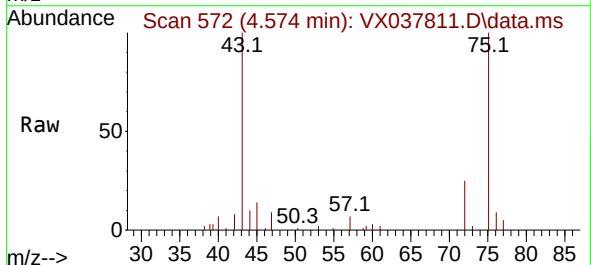
Instrument :
MSVOA_X
ClientSampleId :
DEL-2-RIGHT-SIDE

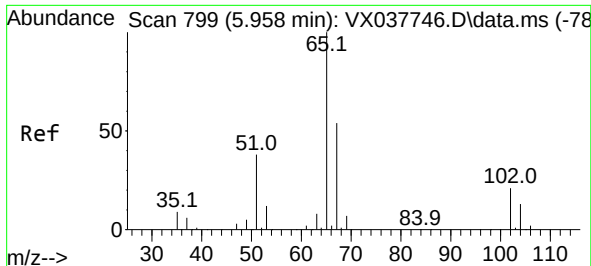
Tgt Ion:	84	Resp:	14392
Ion	Ratio	Lower	Upper
84	100		
49	106.8	103.6	155.4
51	32.5	33.8	50.6#
86	65.1	49.4	74.0



#25
2-Butanone
Concen: 7.888 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion:	43	Resp:	15362
Ion	Ratio	Lower	Upper
43	100		
72	25.5	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 47.835 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

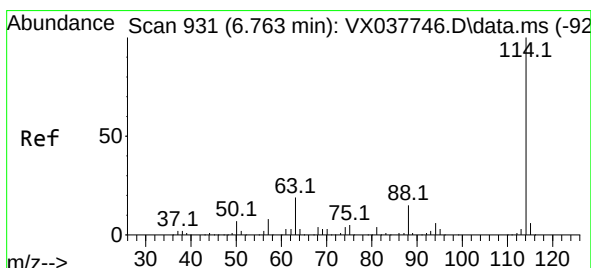
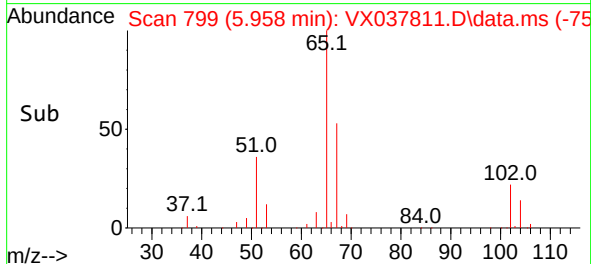
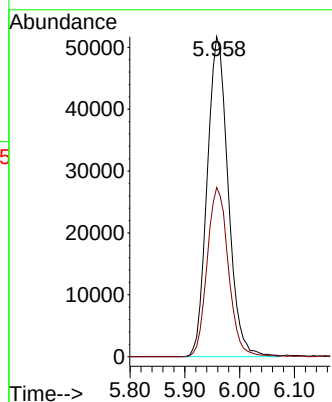
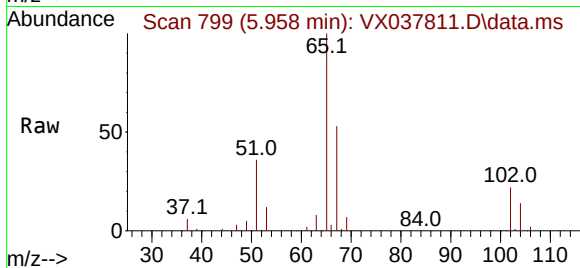
DEL-2-RIGHT-SIDE

Tgt Ion: 65 Resp: 137225

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

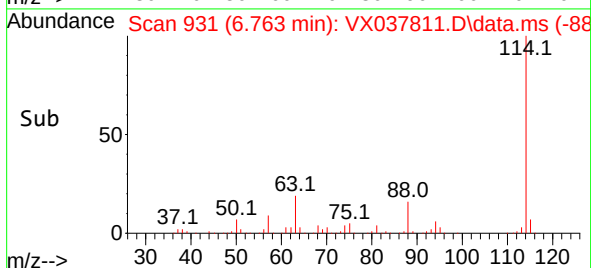
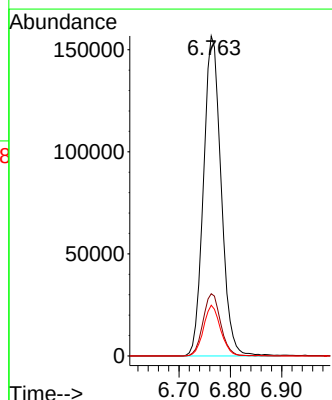
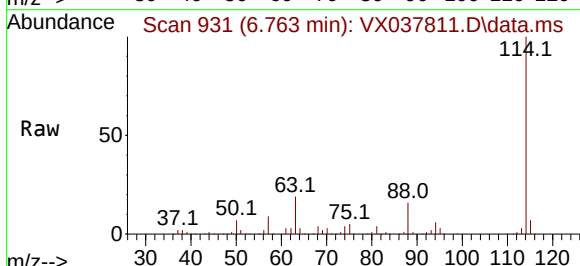
Tgt Ion: 114 Resp: 373443

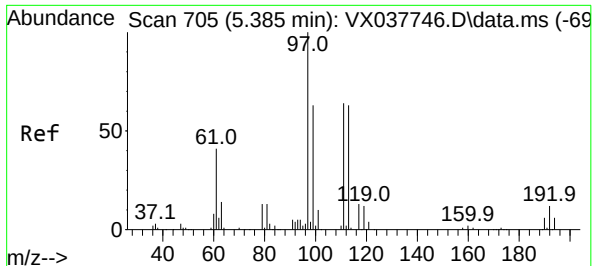
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.9 0.0 36.6

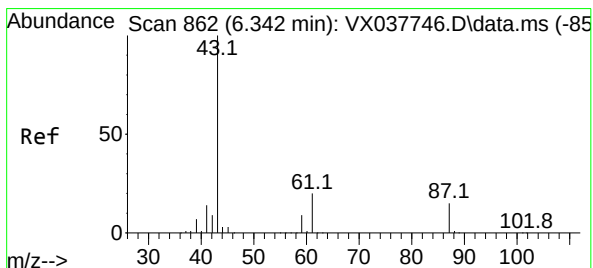
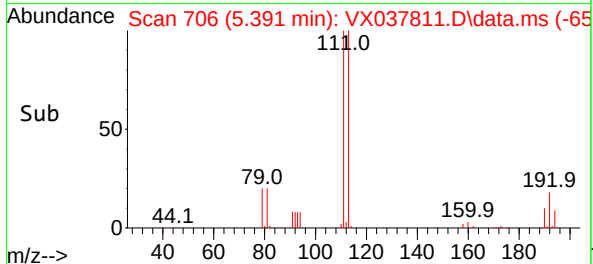
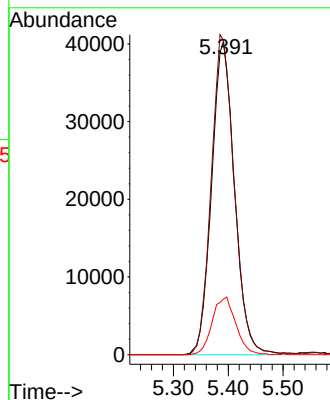
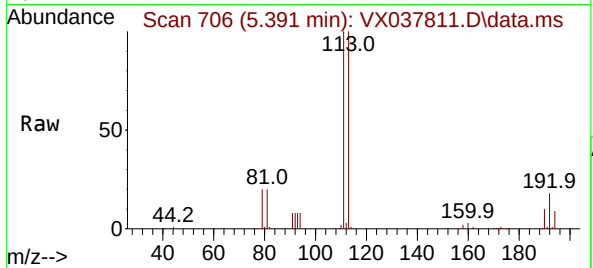




#35
Dibromofluoromethane
Concen: 46.683 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

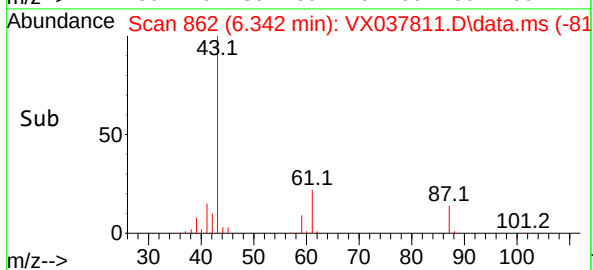
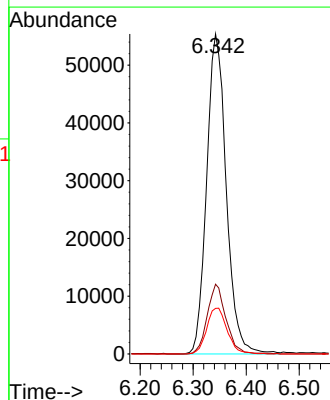
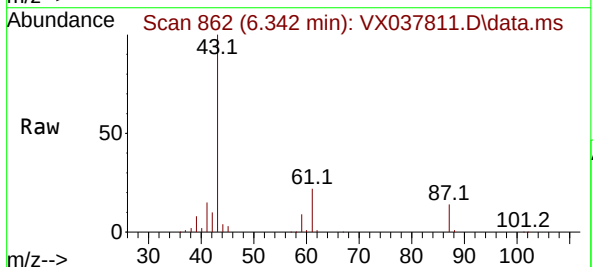
Instrument :
MSVOA_X
ClientSampleId :
DEL-2-RIGHT-SIDE

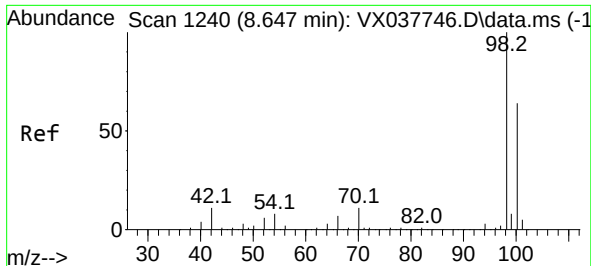
Tgt Ion:113 Resp: 116648
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.9 13.3 19.9



#43
Isopropyl Acetate
Concen: 23.559 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 43 Resp: 142554
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 15.0 9.8 14.6#

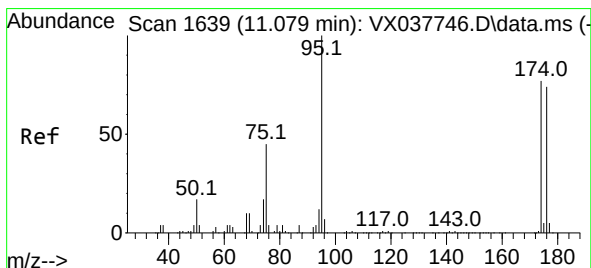
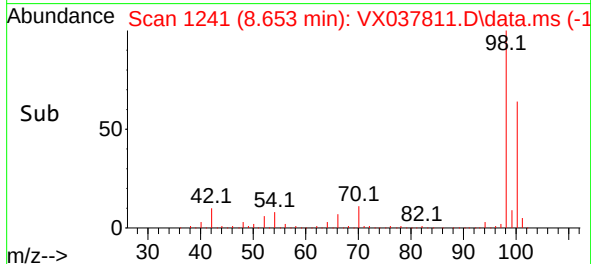
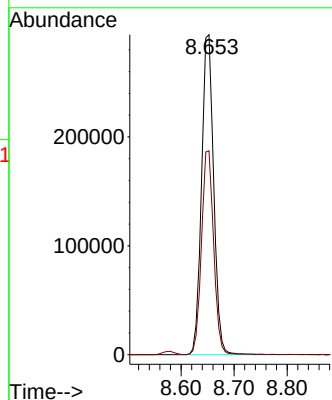
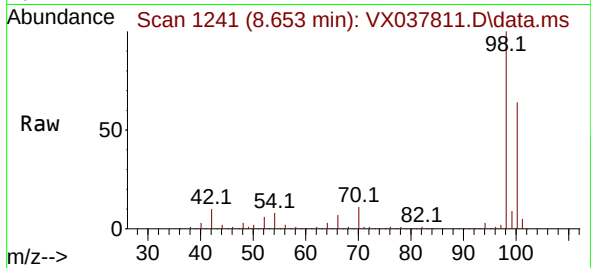




#50
Toluene-d8
Concen: 50.330 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

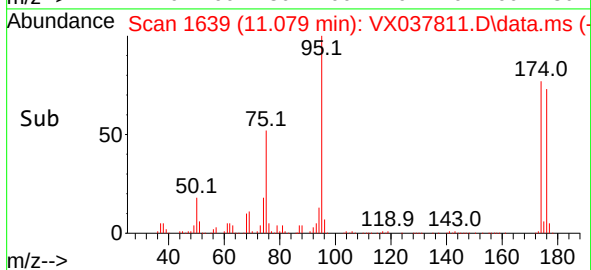
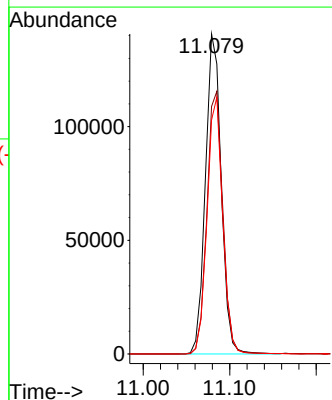
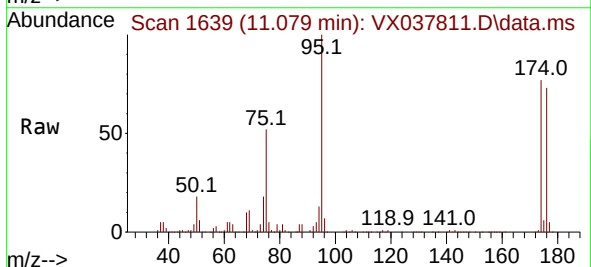
Instrument :
MSVOA_X
ClientSampleId :
DEL-2-RIGHT-SIDE

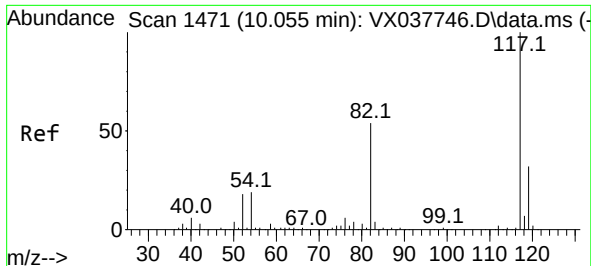
Tgt Ion: 98 Resp: 467284
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 95 Resp: 178189
Ion Ratio Lower Upper
95 100
174 83.1 0.0 135.6
176 79.5 0.0 131.0

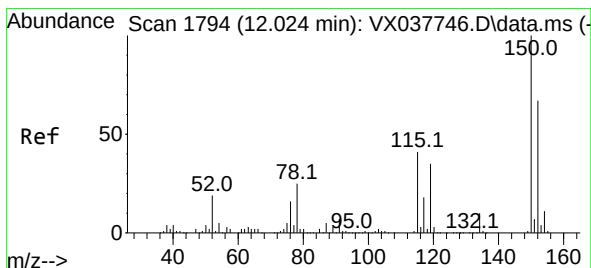
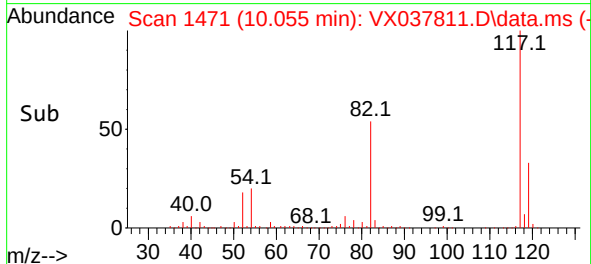
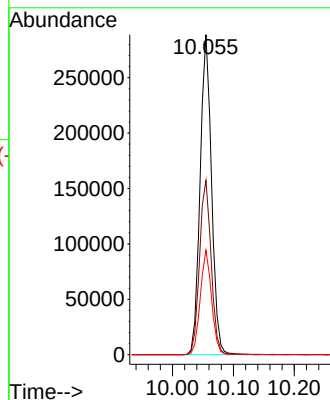
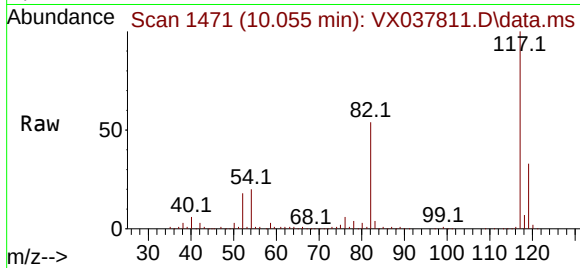




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :
DEL-2-RIGHT-SIDE

Tgt Ion:117 Resp: 376400
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion:152 Resp: 197021
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 157.8 0.0 345.0

