

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042975.D
 Acq On : 09 Aug 2024 06:26
 Operator : JC/MD
 Sample : P3515-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT189D2-HYD-20240806

Quant Time: Aug 09 08:35:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

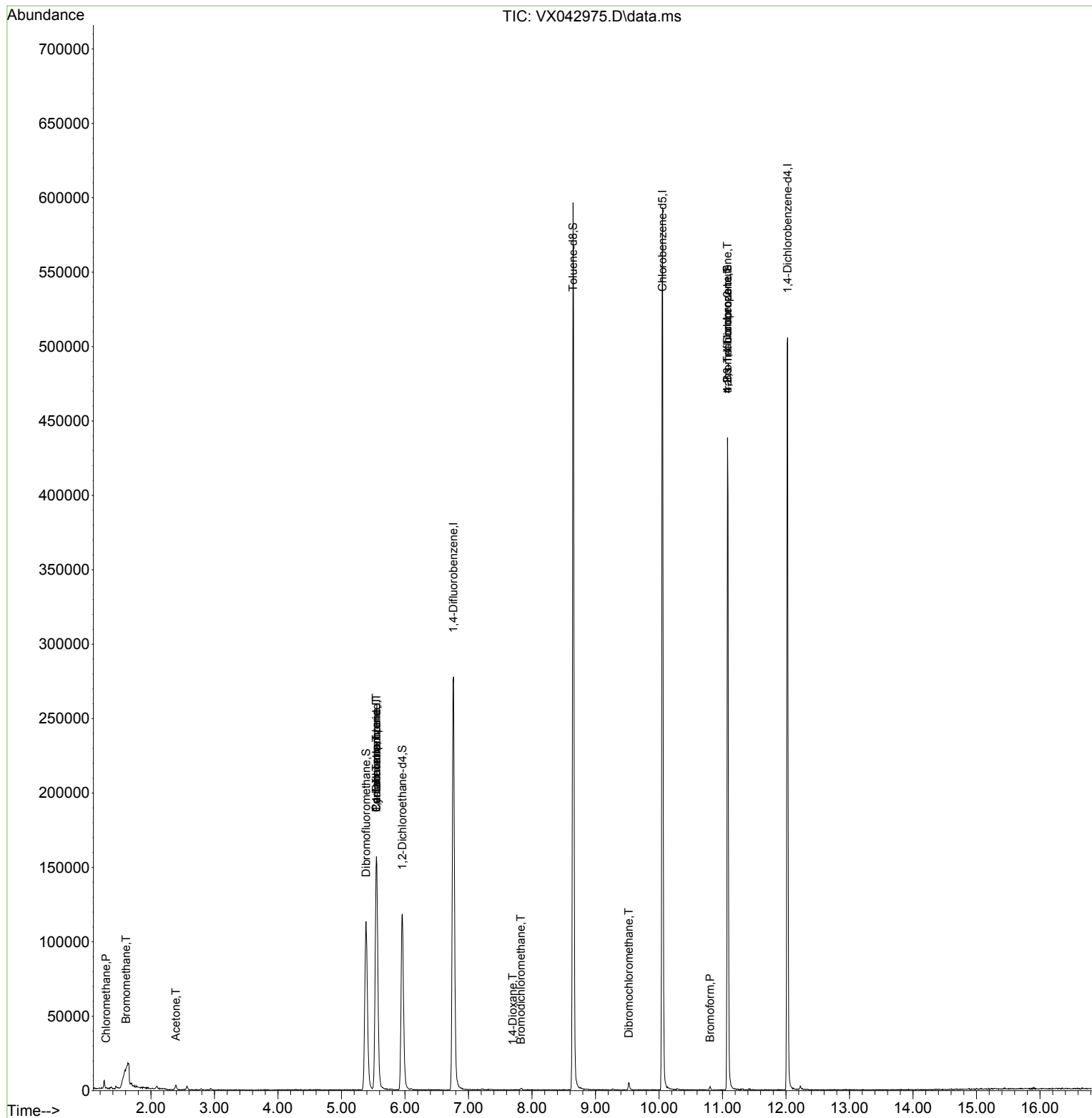
Internal Standards						
1) Pentafluorobenzene	5.550	168	151371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119968	57.732	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.460%	
35) Dibromofluoromethane	5.385	113	100437	53.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.940%	
50) Toluene-d8	8.647	98	357228	53.568	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	11.079	95	121629	50.755	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	563	0.317	ug/l #	88
5) Bromomethane	1.605	94	482	0.472	ug/l #	29
16) Acetone	2.392	43	3388	3.759	ug/l #	78
20) Methylene Chloride	2.788	84	327	Below Cal	#	65
31) Cyclohexane	5.550	56	3162	1.216	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12510	4.912	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15641	5.440	ug/l #	15
47) Bromodichloromethane	7.824	83	879	0.321	ug/l #	71
49) 1,4-Dioxane	7.696	88	62	1.236	ug/l #	12
60) Dibromochloromethane	9.525	129	2694	1.258	ug/l	93
71) Bromoform	10.805	173	995	1.419	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	61912	25.191	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61912	81.908	ug/l #	5

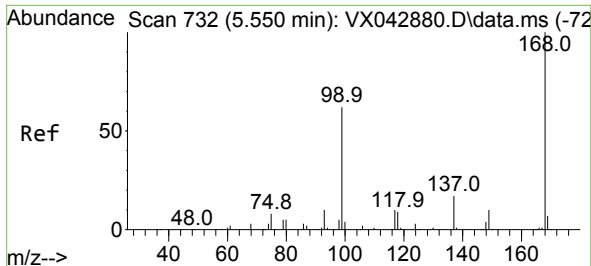
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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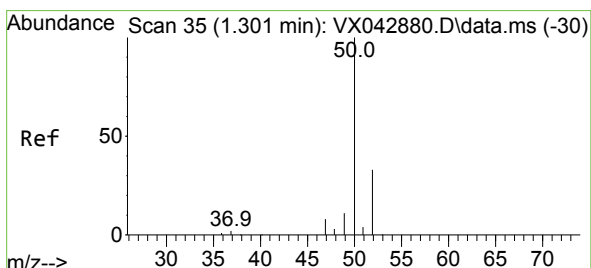
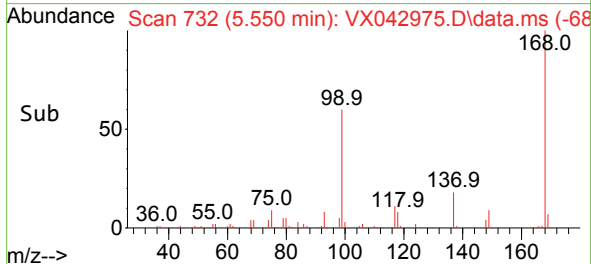
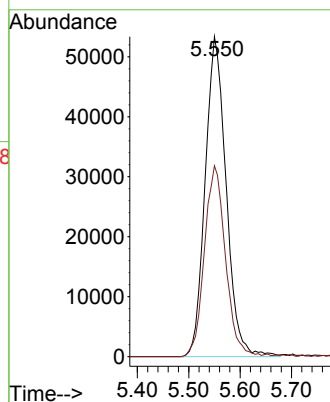
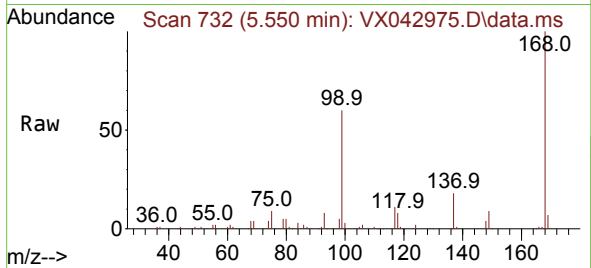




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

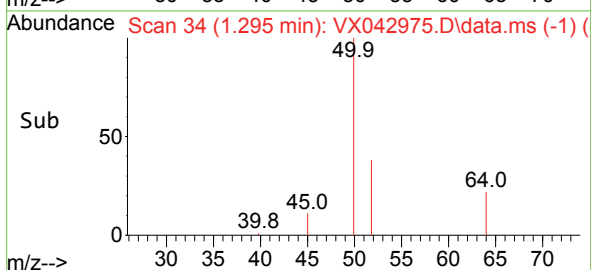
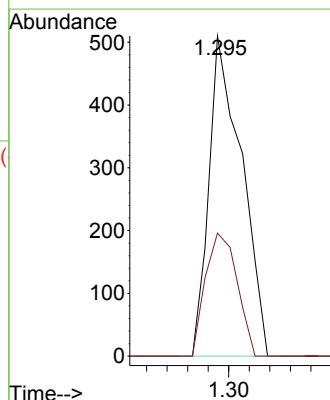
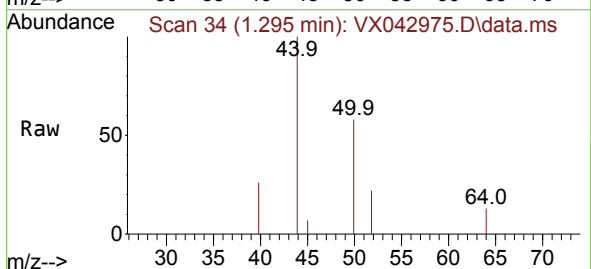
Instrument :
MSVOA_X
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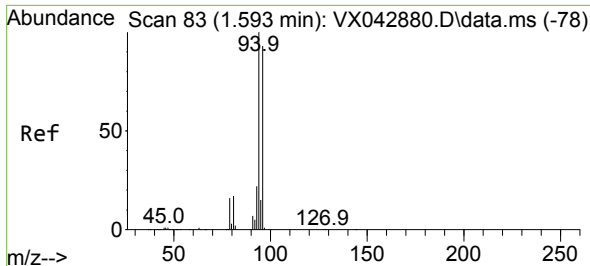
Tgt Ion:168 Resp: 151371
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#3
Chloromethane
Concen: 0.317 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Tgt Ion: 50 Resp: 563
Ion Ratio Lower Upper
50 100
52 38.4 25.5 38.3#

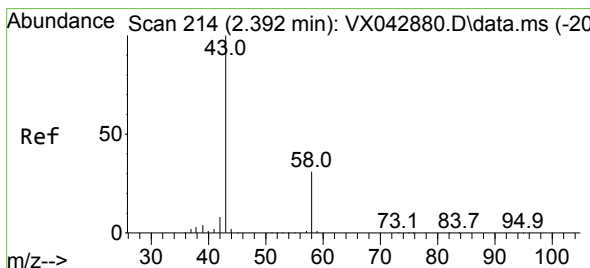
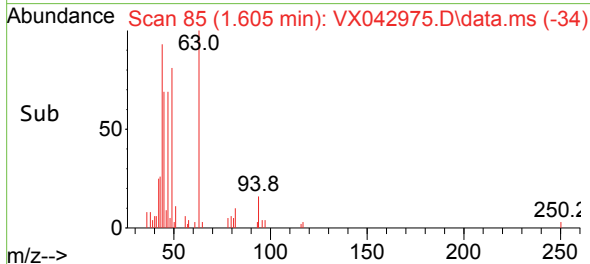
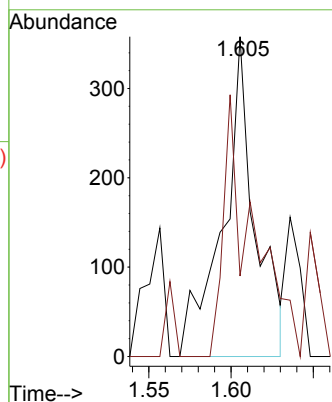
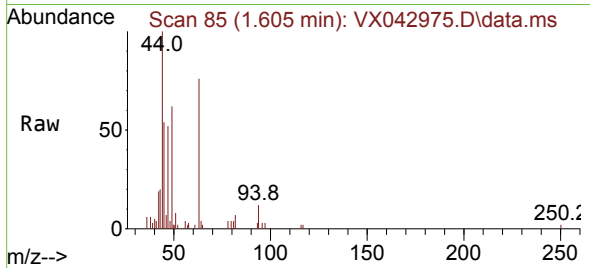




#5
Bromomethane
Concen: 0.472 ug/l
RT: 1.605 min Scan# 83
Delta R.T. 0.012 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

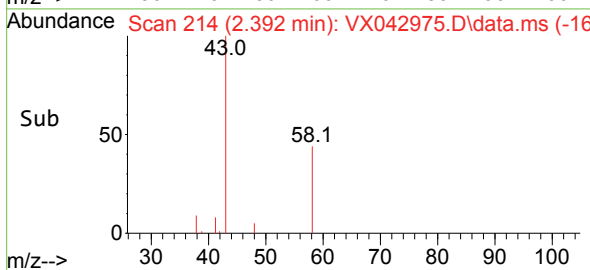
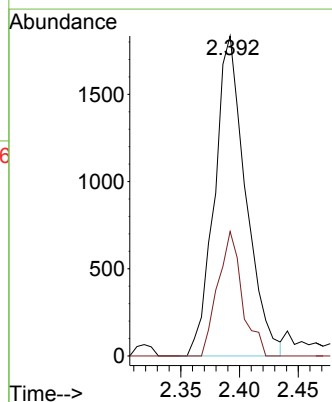
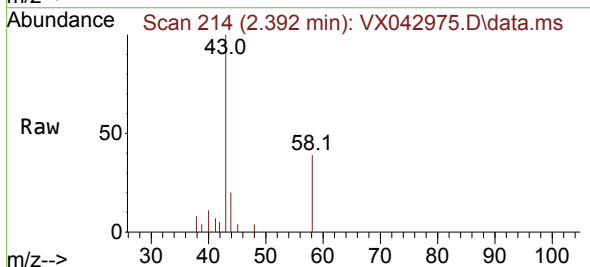
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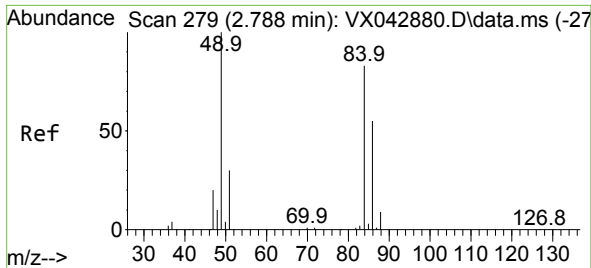
Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 25.1 74.6 111.8#



#16
Acetone
Concen: 3.759 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Tgt Ion: 43 Resp: 3388
Ion Ratio Lower Upper
43 100
58 38.9 21.9 32.9#

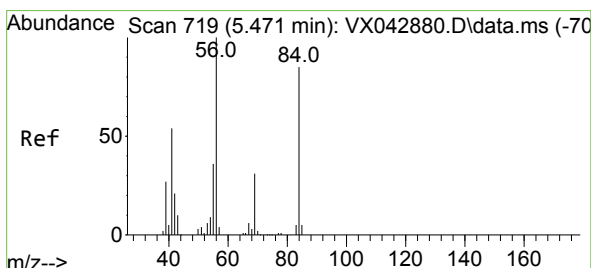
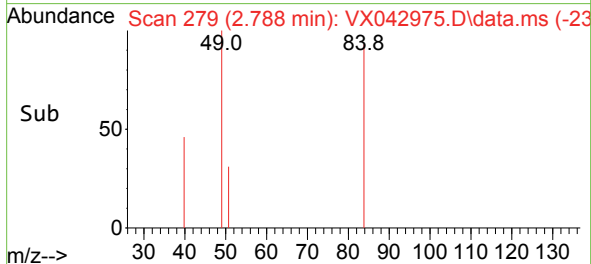
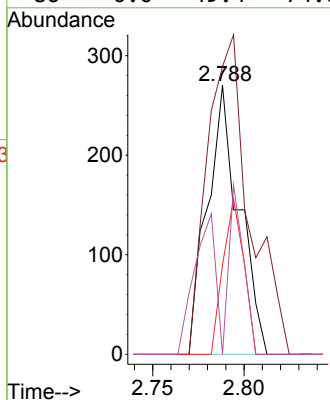
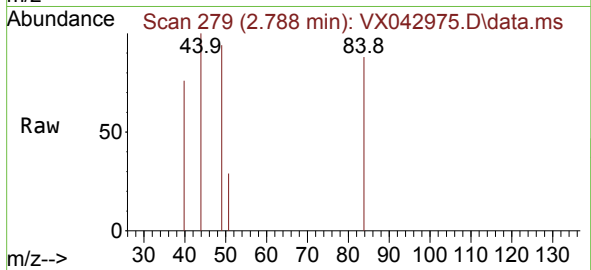




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

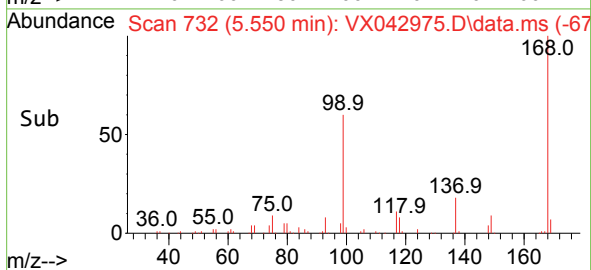
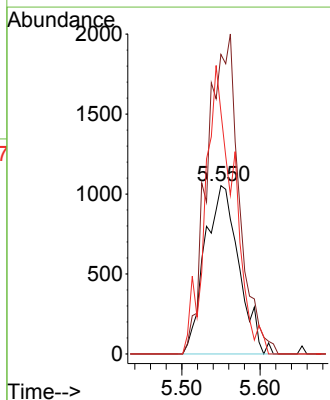
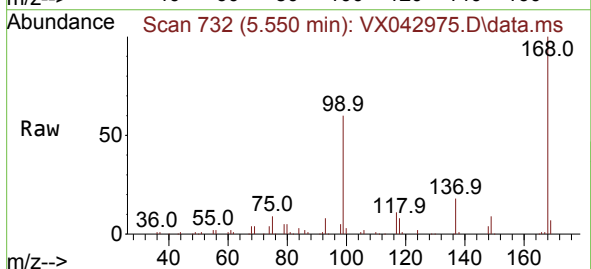
Instrument :
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ClientSampleId :
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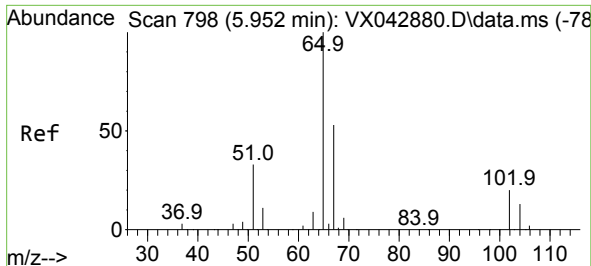
Tgt Ion:	84	Resp:	327
Ion	Ratio	Lower	Upper
84	100		
49	107.0	103.6	155.4
51	33.3	33.8	50.6#
86	0.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Tgt Ion:	56	Resp:	3162
Ion	Ratio	Lower	Upper
56	100		
69	177.9	23.4	35.2#
84	143.7	65.9	98.9#

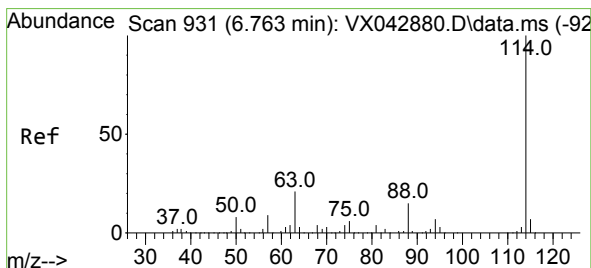
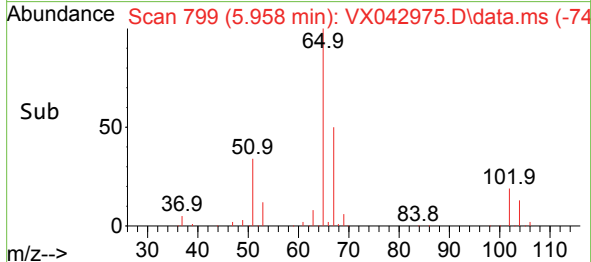
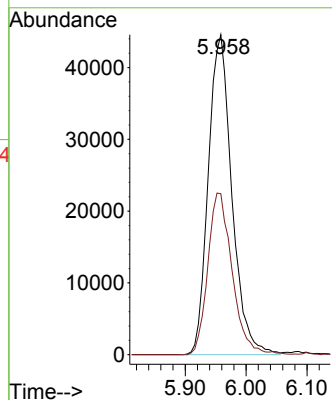
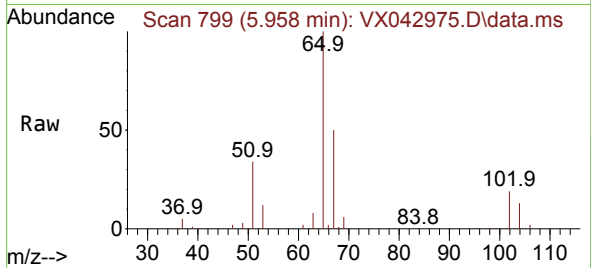




#33
 1,2-Dichloroethane-d4
 Concen: 57.732 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX042975.D
 Acq: 09 Aug 2024 06:26

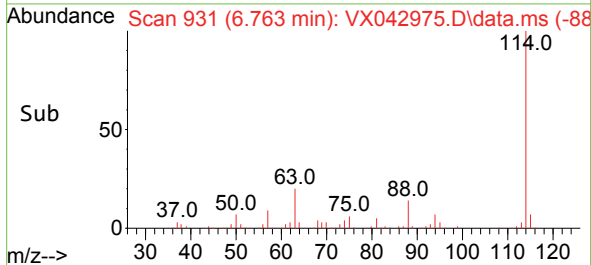
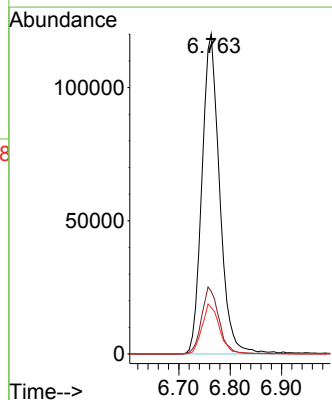
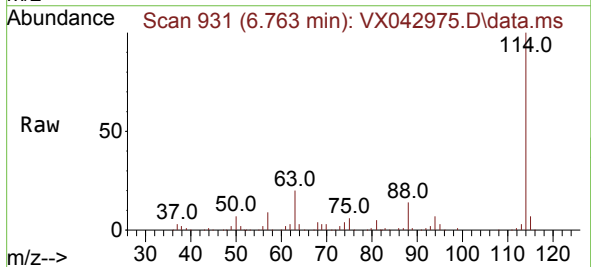
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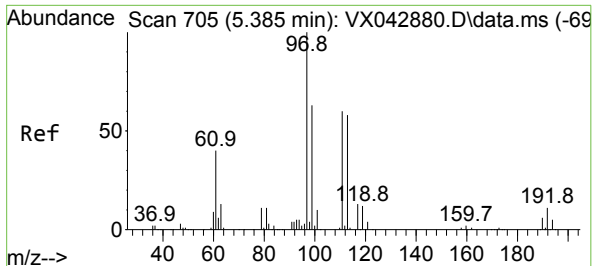
Tgt Ion: 65 Resp: 119968
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042975.D
 Acq: 09 Aug 2024 06:26

Tgt Ion: 114 Resp: 287298
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 14.5 0.0 36.6

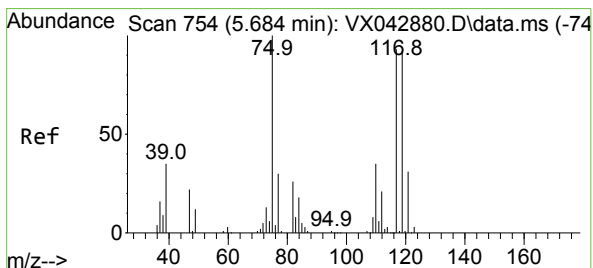
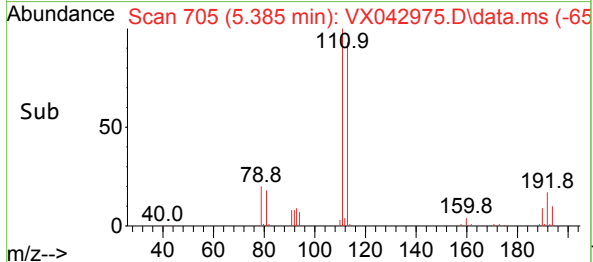
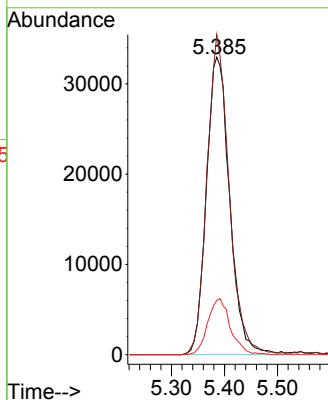
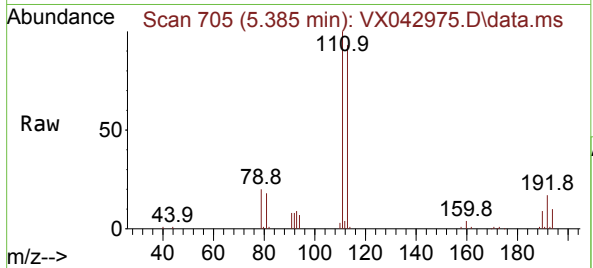




#35
Dibromofluoromethane
Concen: 53.467 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

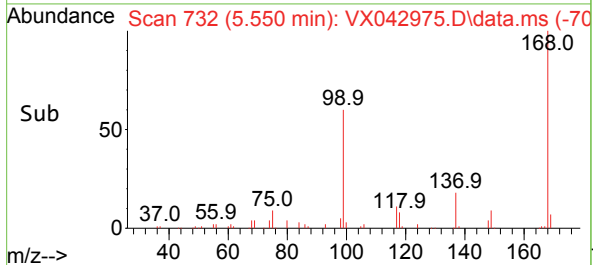
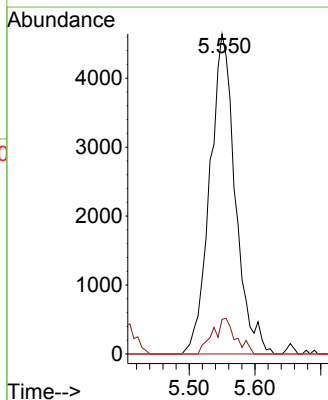
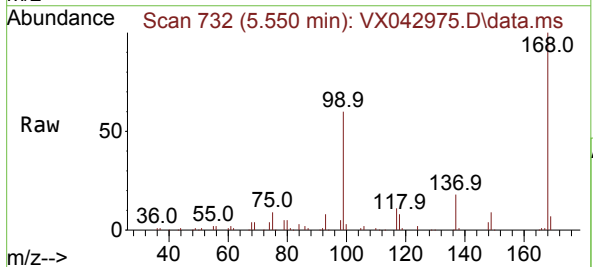
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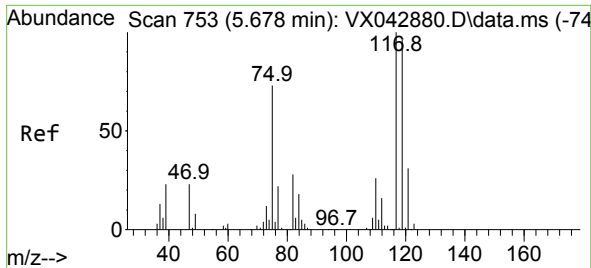
Tgt Ion:113 Resp: 100437
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.912 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

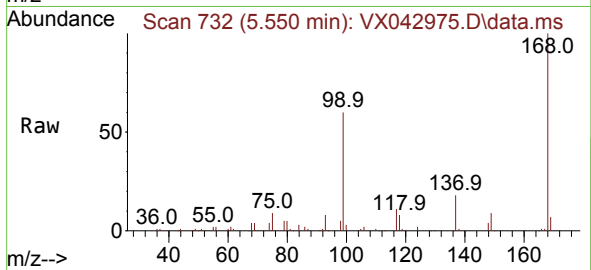
Tgt Ion: 75 Resp: 12510
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



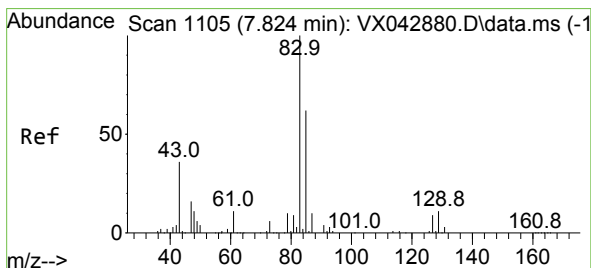
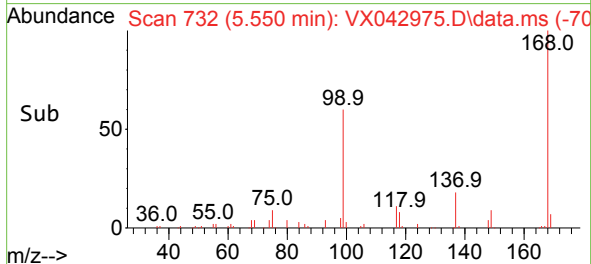
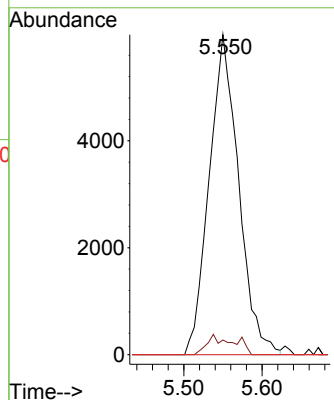


#38
Carbon Tetrachloride
Concen: 5.440 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Instrument :
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ClientSampleId :
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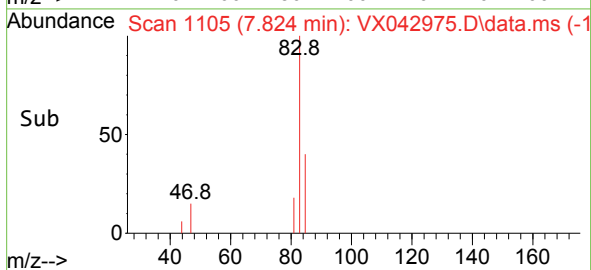
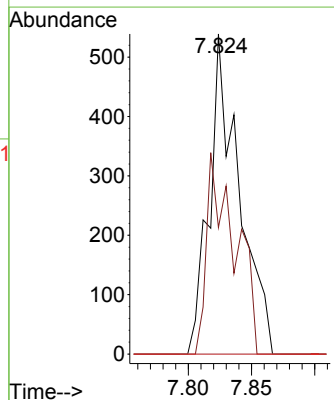
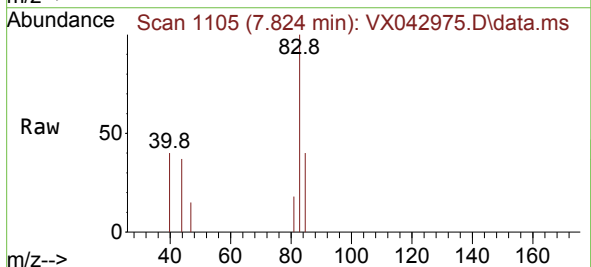


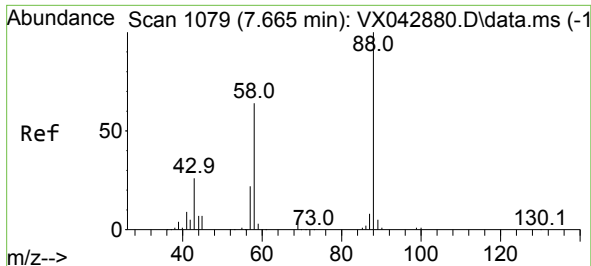
Tgt Ion:117 Resp: 15641
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#47
Bromodichloromethane
Concen: 0.321 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Tgt Ion: 83 Resp: 879
Ion Ratio Lower Upper
83 100
85 39.5 49.8 74.6#
127 0.0 7.1 10.7#

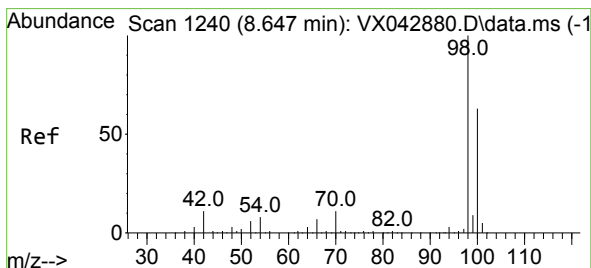
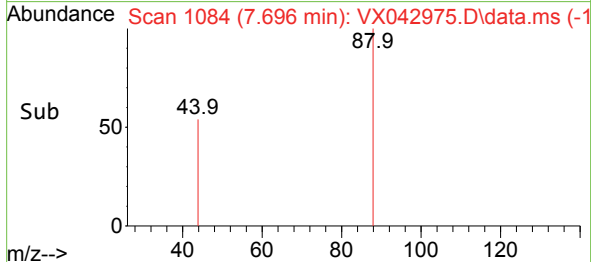
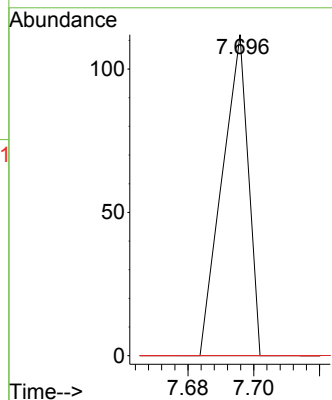
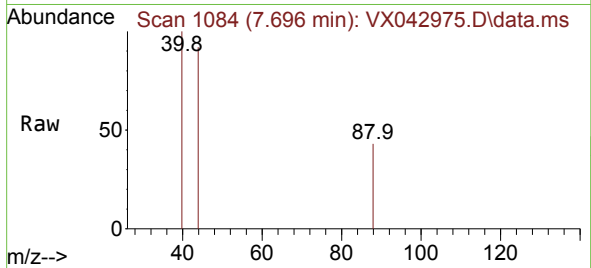




#49
1,4-Dioxane
Concen: 1.236 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.031 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

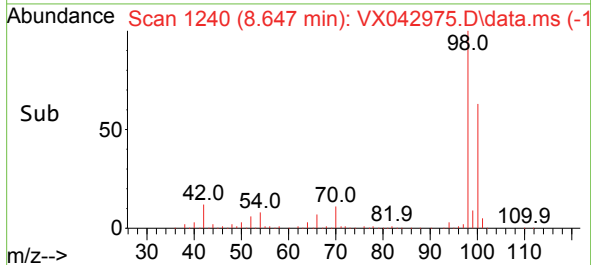
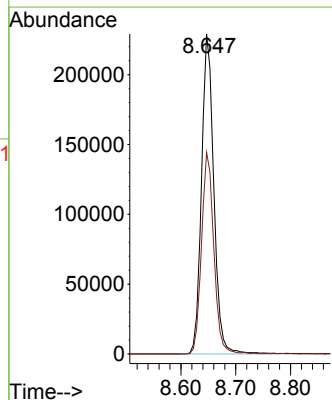
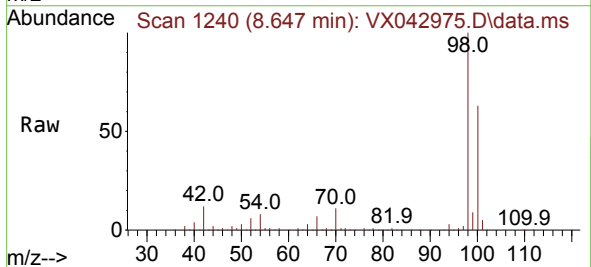
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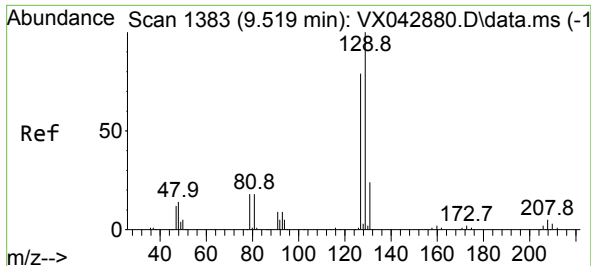
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 53.568 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Tgt Ion: 98 Resp: 357228
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

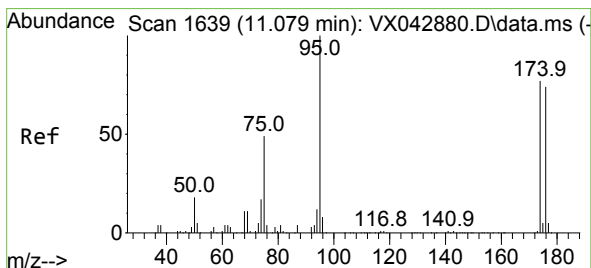
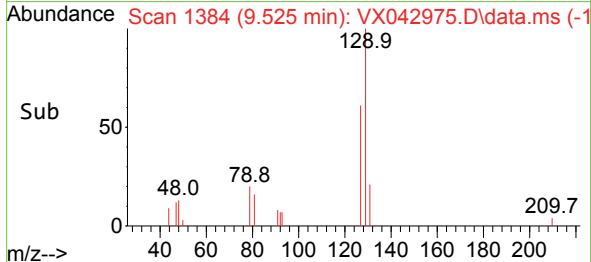
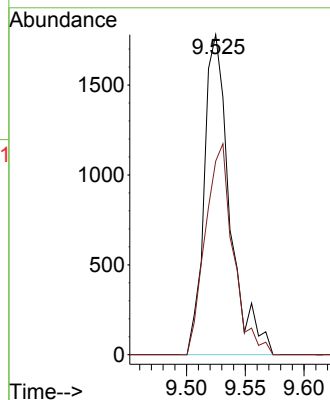
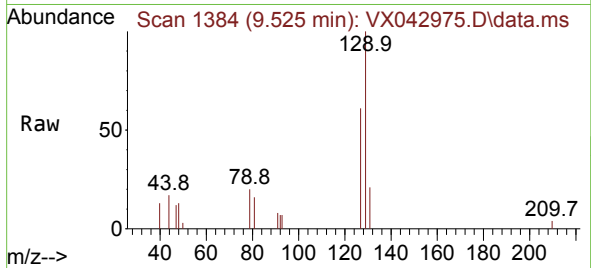




#60
Dibromochloromethane
Concen: 1.258 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

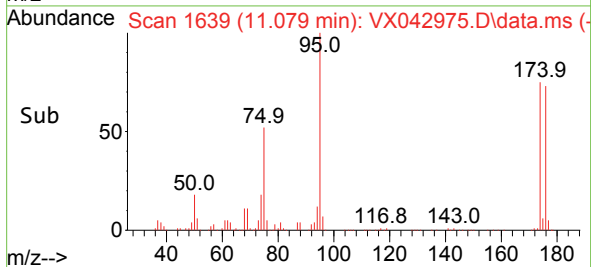
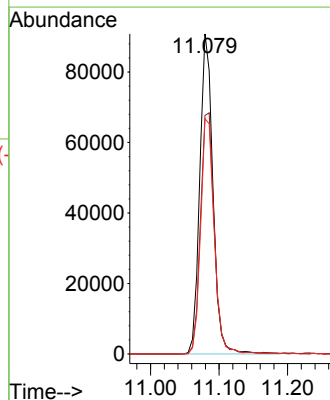
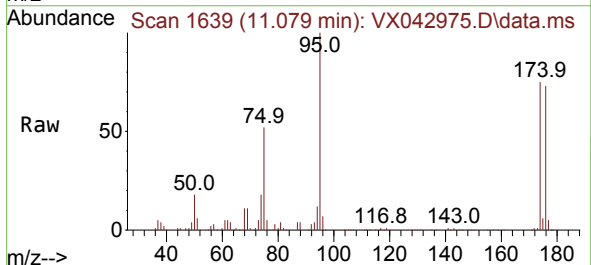
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-HYD-20240806

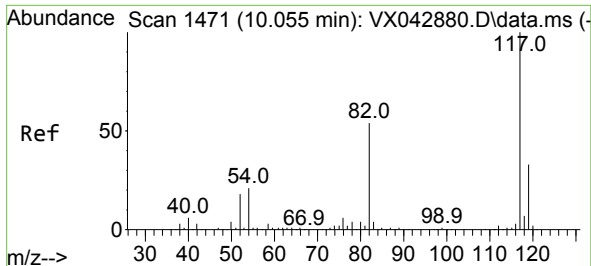
Tgt Ion:129 Resp: 2694
Ion Ratio Lower Upper
129 100
127 71.7 38.8 116.4



#62
4-Bromofluorobenzene
Concen: 50.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Tgt Ion: 95 Resp: 121629
Ion Ratio Lower Upper
95 100
174 79.2 0.0 135.6
176 75.8 0.0 131.0

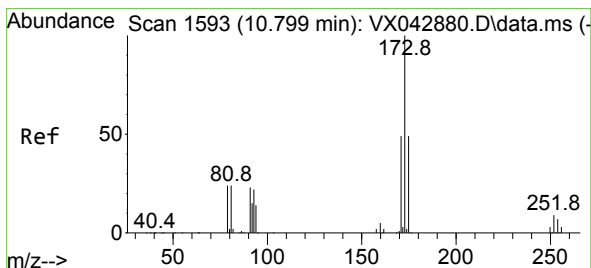
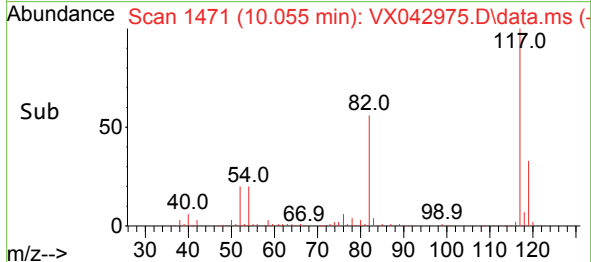
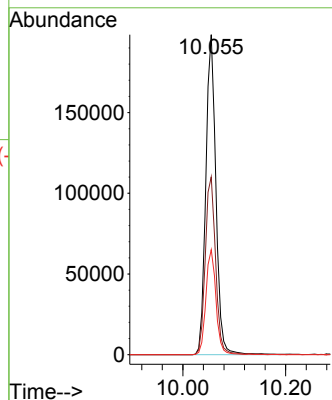
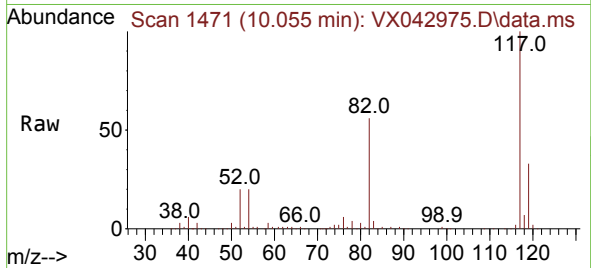




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

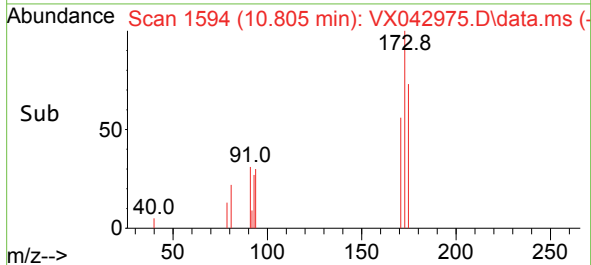
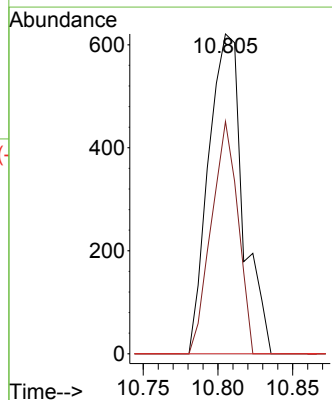
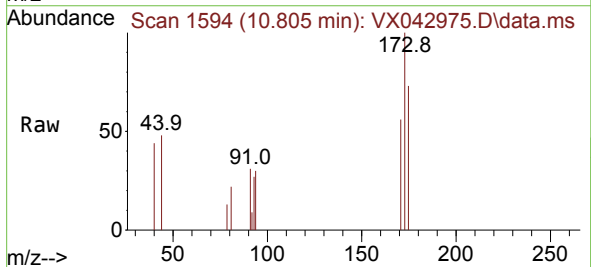
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-HYD-20240806

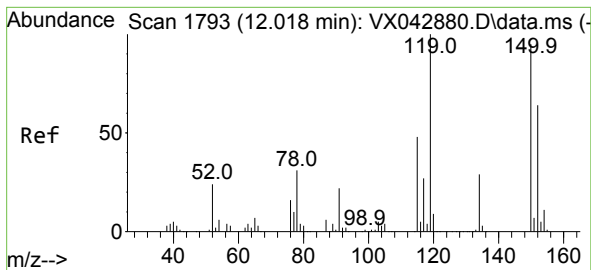
Tgt Ion:	117	Resp:	269551
Ion	Ratio	Lower	Upper
117	100		
82	55.6	46.2	69.4
119	32.8	25.5	38.3



#71
Bromoform
Concen: 1.419 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Tgt Ion:	173	Resp:	995
Ion	Ratio	Lower	Upper
173	100		
175	56.1	24.1	72.4
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042975.D

Acq: 09 Aug 2024 06:26

Instrument :

MSVOA_X

ClientSampleId :

TT189D2-HYD-20240806

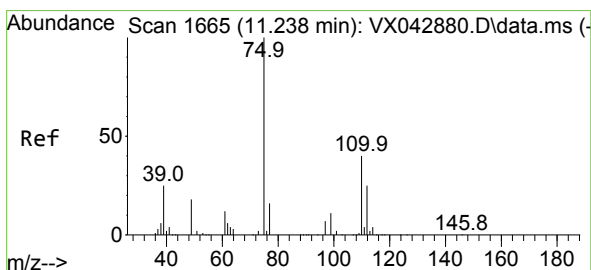
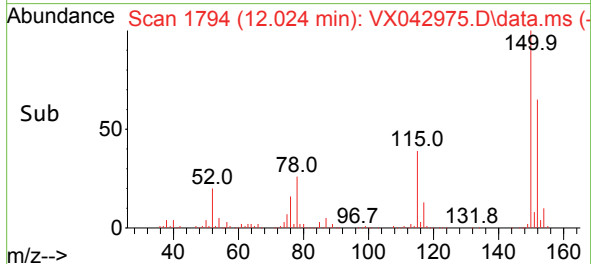
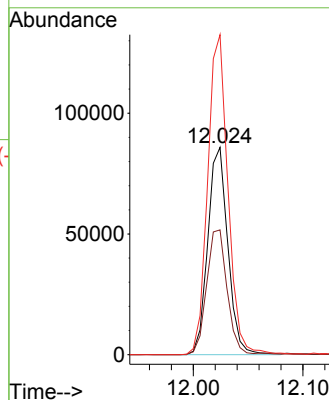
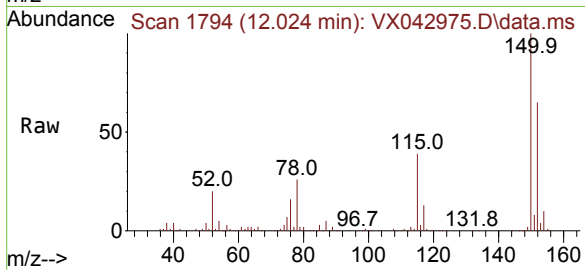
Tgt Ion:152 Resp: 109283

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.191 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042975.D

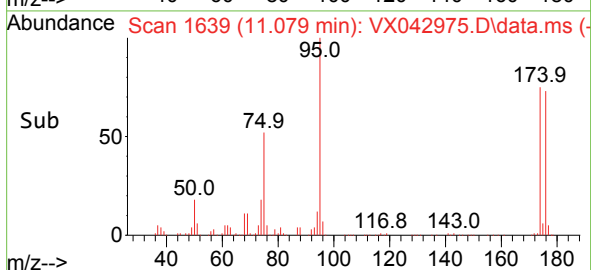
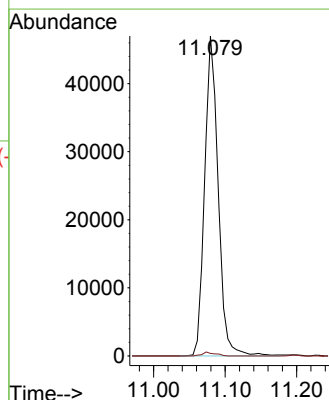
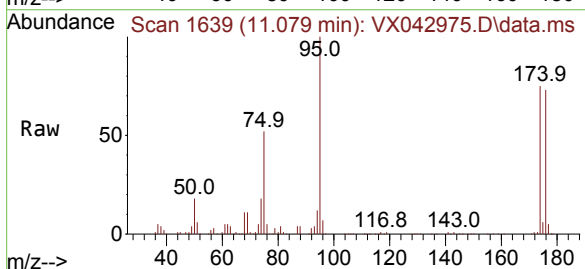
Acq: 09 Aug 2024 06:26

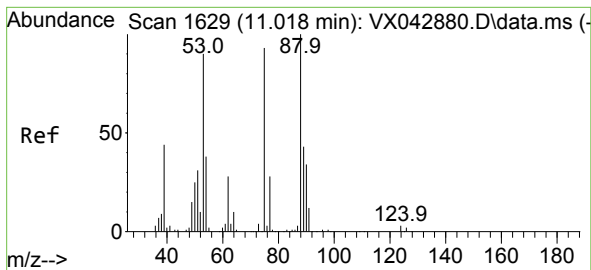
Tgt Ion: 75 Resp: 61912

Ion Ratio Lower Upper

75 100

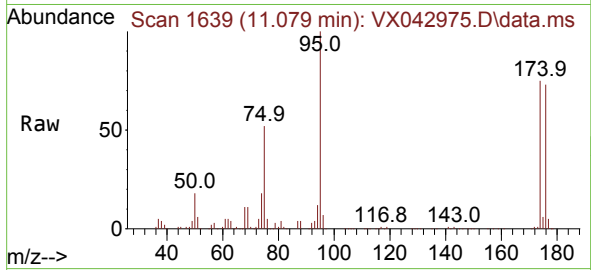
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.908 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042975.D
Acq: 09 Aug 2024 06:26

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-HYD-20240806



Tgt Ion: 75 Resp: 61912
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

