

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042974.D
 Acq On : 09 Aug 2024 06:03
 Operator : JC/MD
 Sample : P3515-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 08:35:03 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)

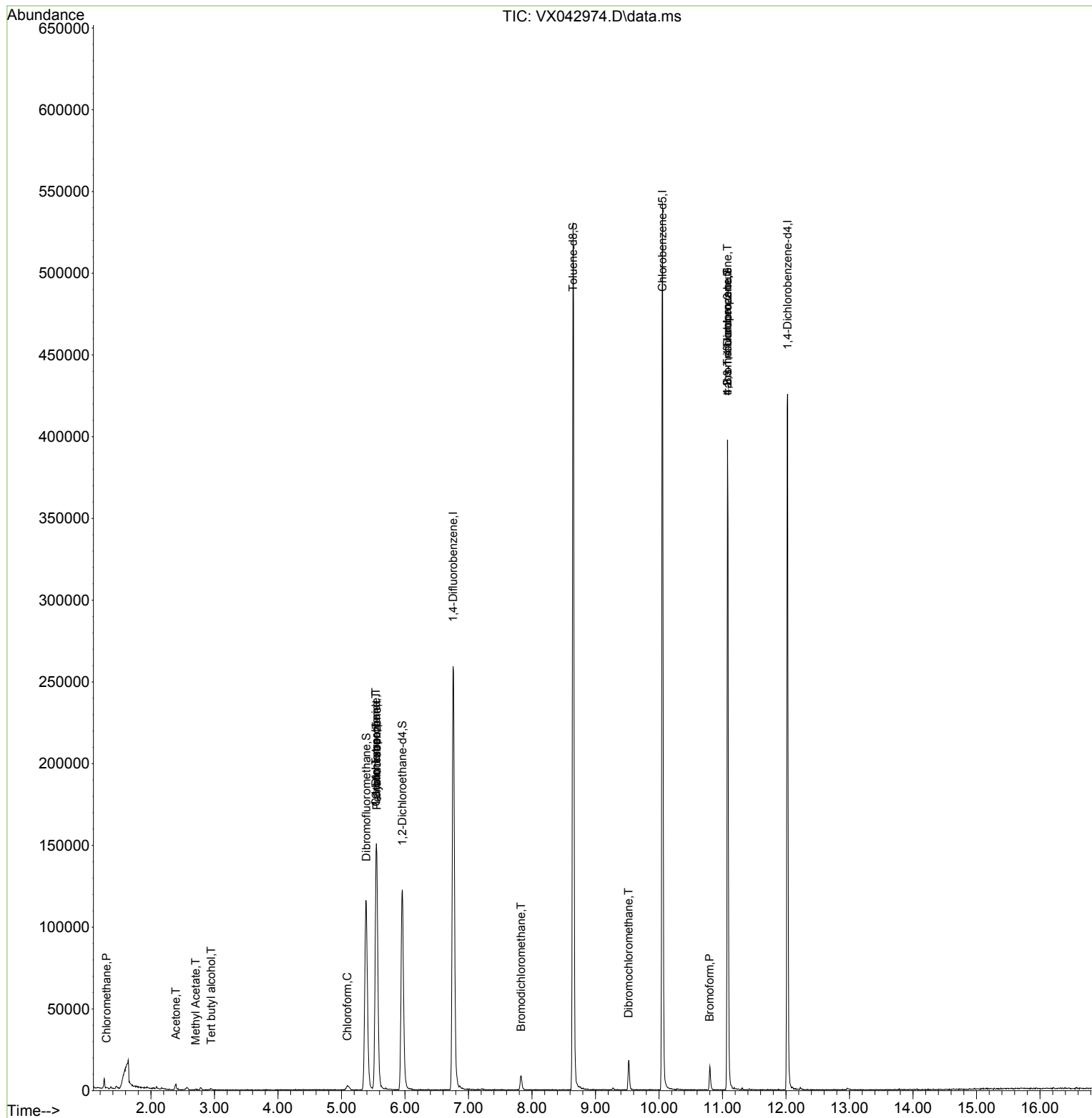
Internal Standards						
1) Pentafluorobenzene	5.556	168	144647	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	274310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125282	63.092	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	126.180%	#
35) Dibromofluoromethane	5.391	113	102963	57.407	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	114.820%	
50) Toluene-d8	8.647	98	326072	51.211	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	102.420%	
62) 4-Bromofluorobenzene	11.079	95	107556	47.008	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	94.020%	
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	804	0.473	ug/l	# 78
11) Tert butyl alcohol	2.947	59	608	1.539	ug/l	# 78
16) Acetone	2.392	43	3424	3.975	ug/l	# 70
18) Methyl Acetate	2.703	43	582	0.213	ug/l	# 72
20) Methylene Chloride	2.782	84	721	Below Cal	#	79
30) Chloroform	5.093	83	3565	1.119	ug/l	94
31) Cyclohexane	5.550	56	2964	1.193	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	11647	4.790	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	15562	5.669	ug/l	# 15
47) Bromodichloromethane	7.830	83	6238	2.388	ug/l	# 94
60) Dibromochloromethane	9.519	129	8847	4.327	ug/l	96
71) Bromoform	10.799	173	5575	4.506	ug/l	# 100
76) 1,2,3-Trichloropropane	11.079	75	56732	27.115	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	56732	88.166	ug/l	# 5

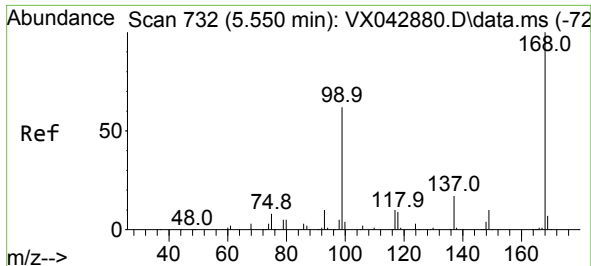
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
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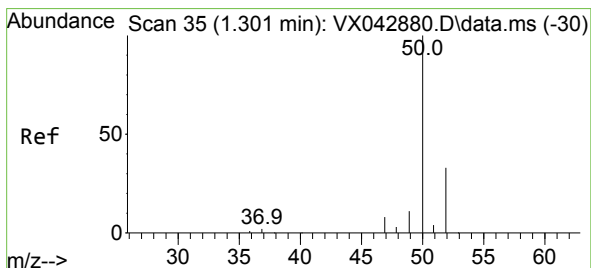
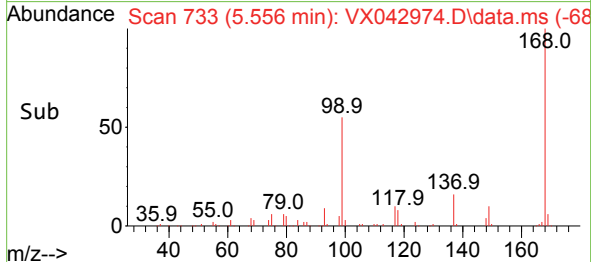
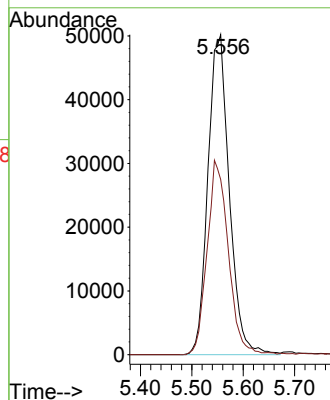
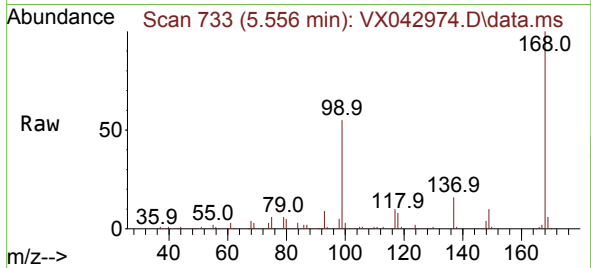




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

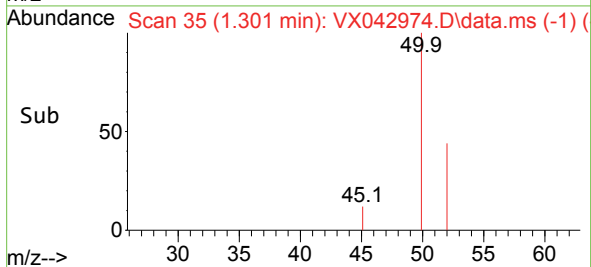
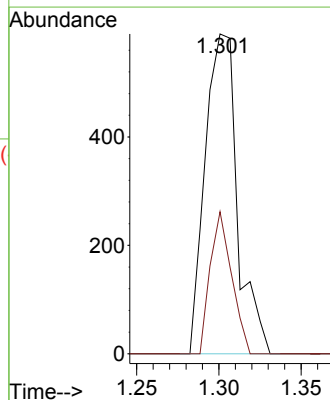
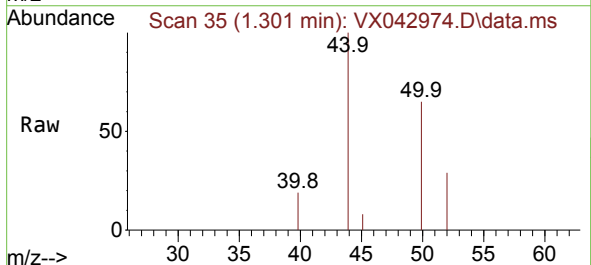
Instrument :
MSVOA_X
ClientSampleId :

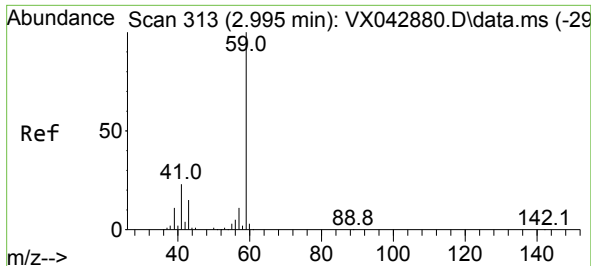
Tgt Ion:168 Resp: 144647
Ion Ratio Lower Upper
168 100
99 54.7 56.6 85.0#



#3
Chloromethane
Concen: 0.473 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Tgt Ion: 50 Resp: 804
Ion Ratio Lower Upper
50 100
52 44.4 25.5 38.3#

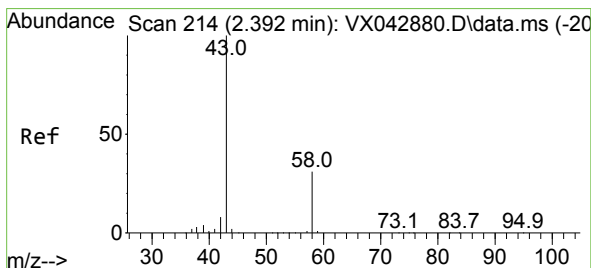
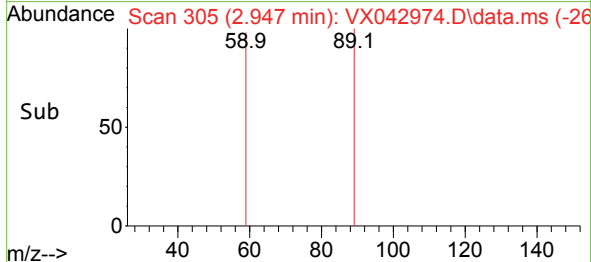
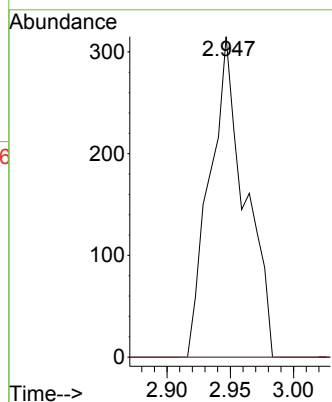
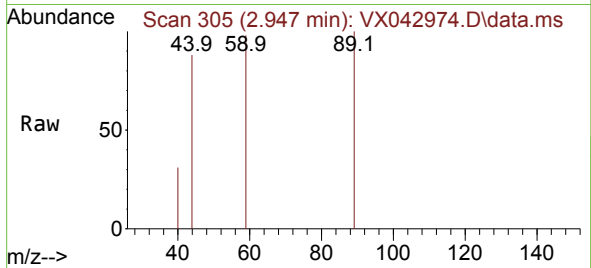




#11
Tert butyl alcohol
Concen: 1.539 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

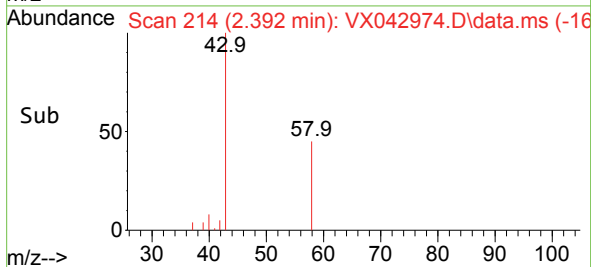
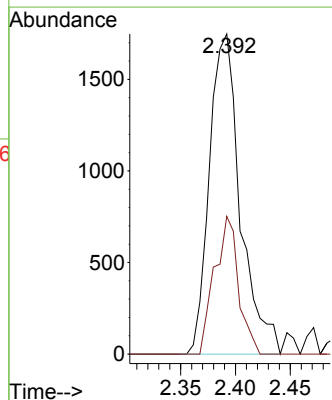
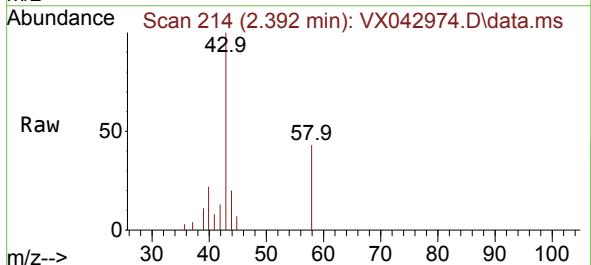
Instrument :
MSVOA_X
ClientSampleId :

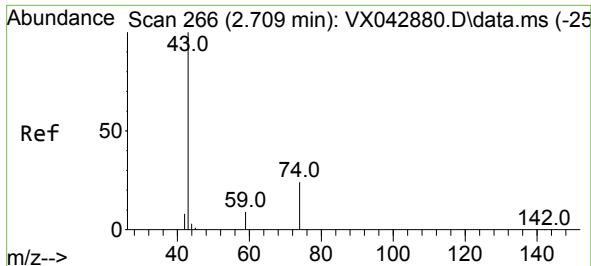
Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 3.975 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Tgt Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
58 43.0 21.9 32.9#

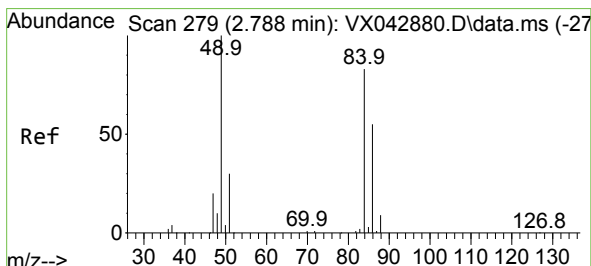
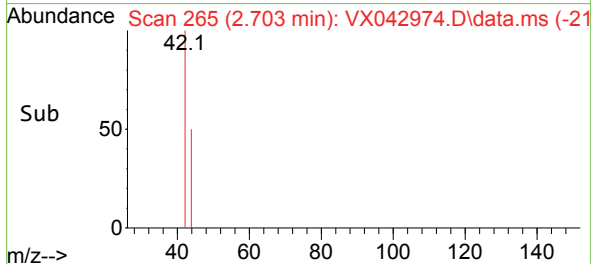
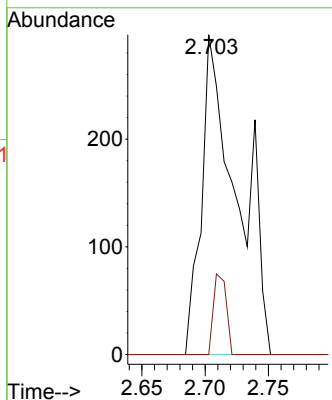
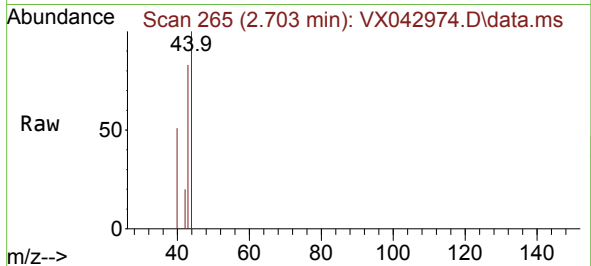




#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

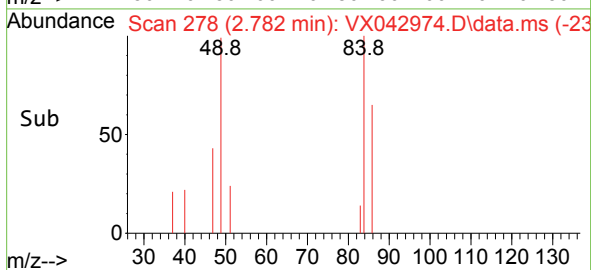
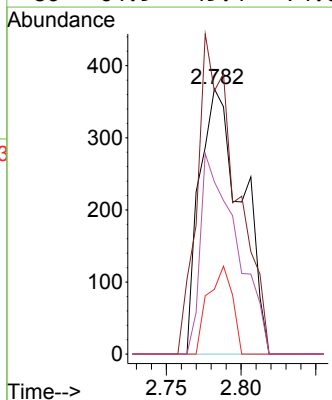
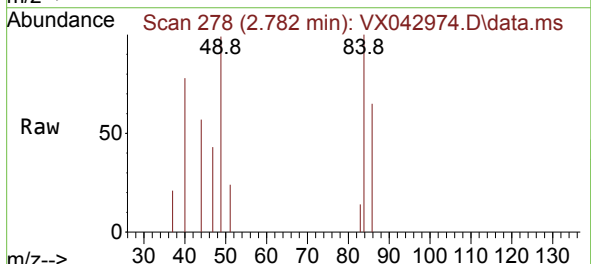
Instrument :
MSVOA_X
ClientSampleId :

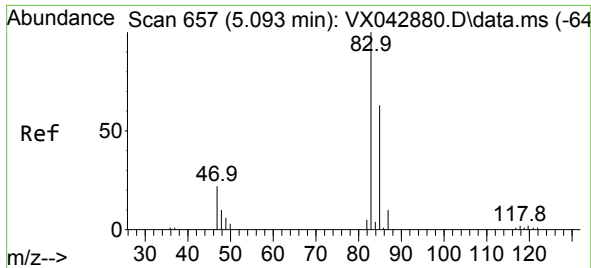
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
74 8.9 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Tgt Ion: 84 Resp: 721
Ion Ratio Lower Upper
84 100
49 99.2 103.6 155.4#
51 24.5 33.8 50.6#
86 64.9 49.4 74.0

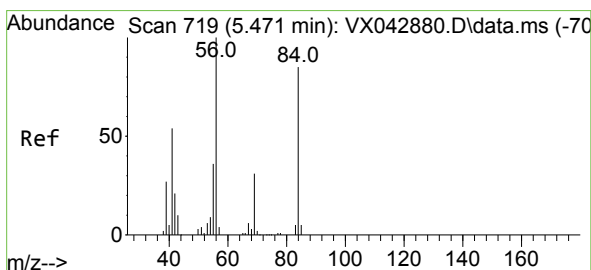
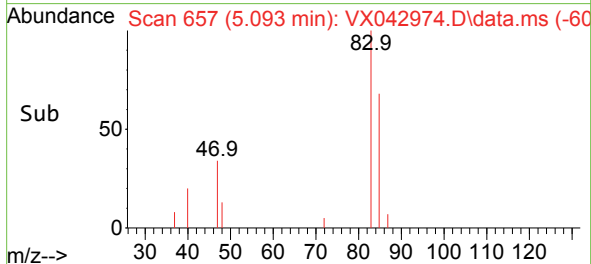
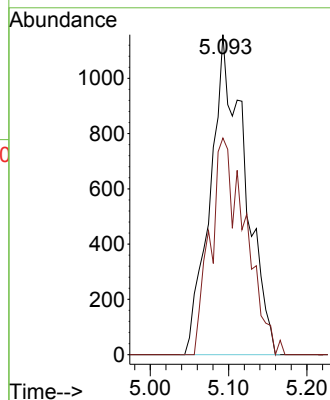
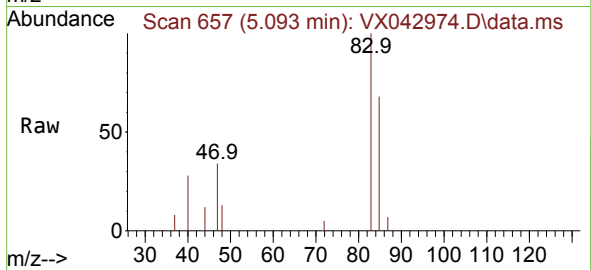




#30
Chloroform
Concen: 1.119 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

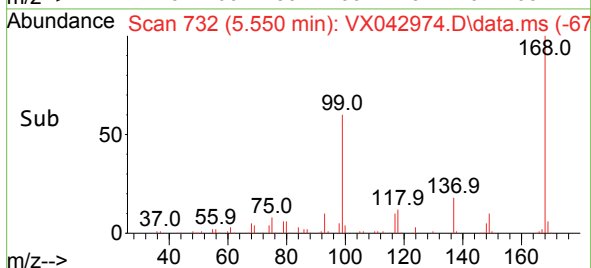
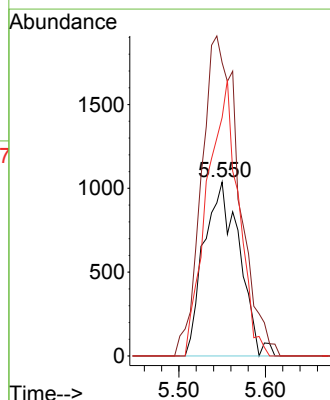
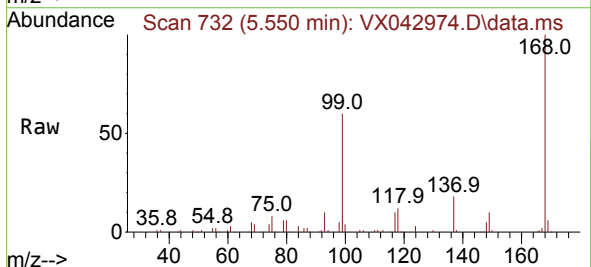
Instrument :
MSVOA_X
ClientSampleId :

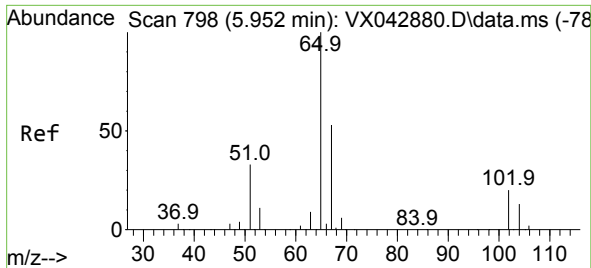
Tgt Ion: 83 Resp: 3565
Ion Ratio Lower Upper
83 100
85 67.7 50.3 75.5



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Tgt Ion: 56 Resp: 2964
Ion Ratio Lower Upper
56 100
69 168.6 23.4 35.2#
84 137.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 63.092 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042974.D

Acq: 09 Aug 2024 06:03

Instrument :

MSVOA_X

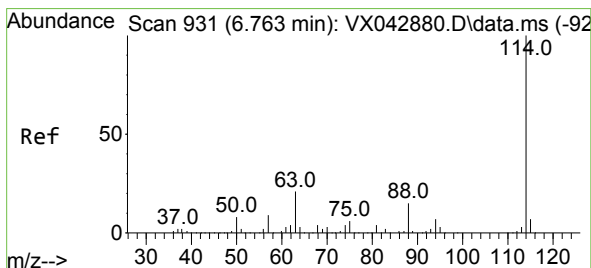
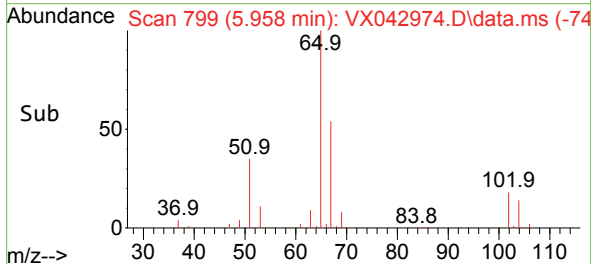
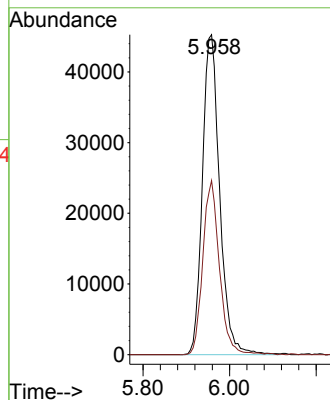
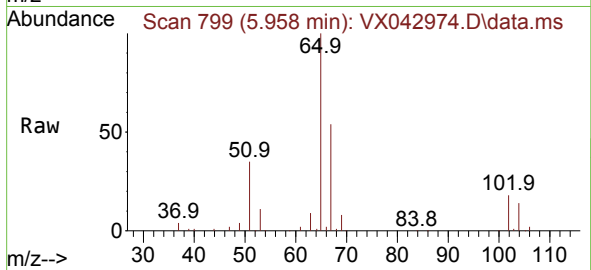
ClientSampleId :

Tgt Ion: 65 Resp: 125282

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042974.D

Acq: 09 Aug 2024 06:03

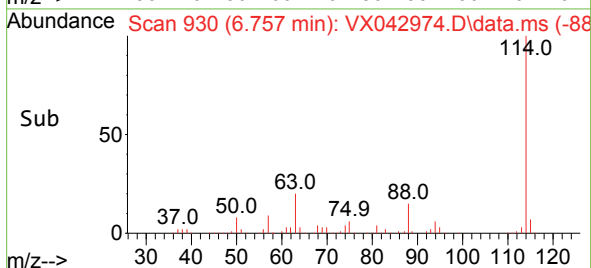
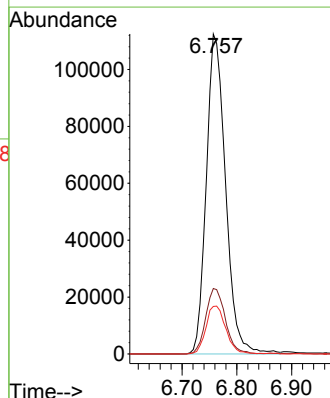
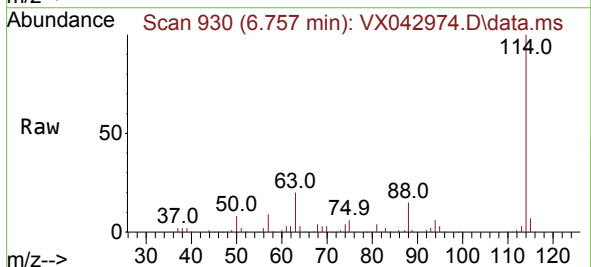
Tgt Ion: 114 Resp: 274310

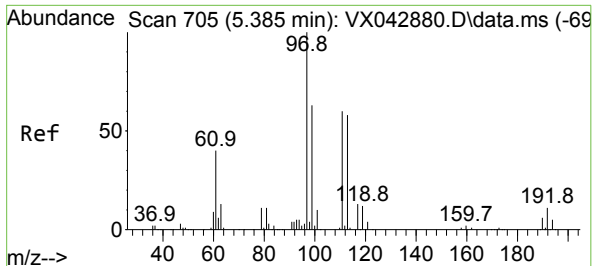
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

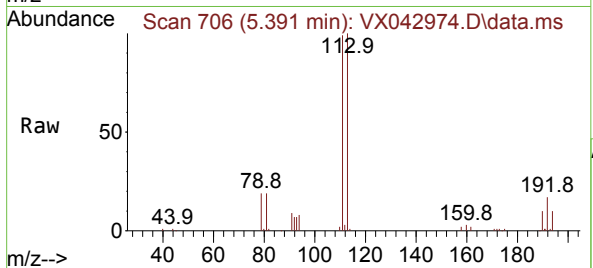
88 14.9 0.0 36.6



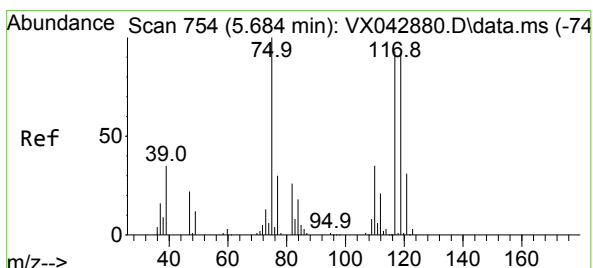
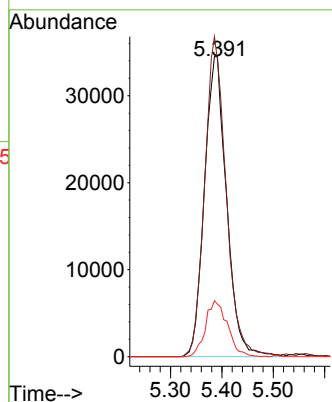
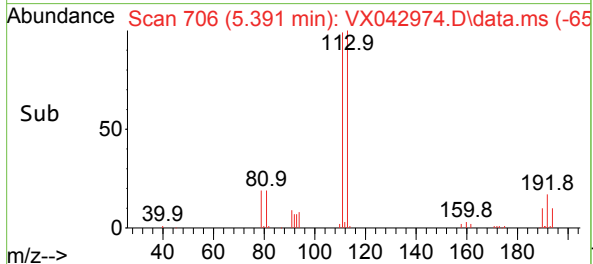


#35
Dibromofluoromethane
Concen: 57.407 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

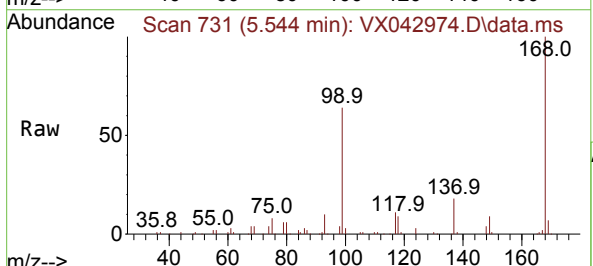
Instrument :
MSVOA_X
ClientSampleId :



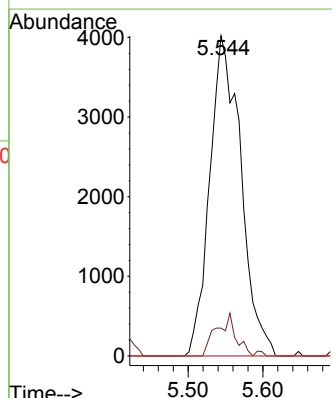
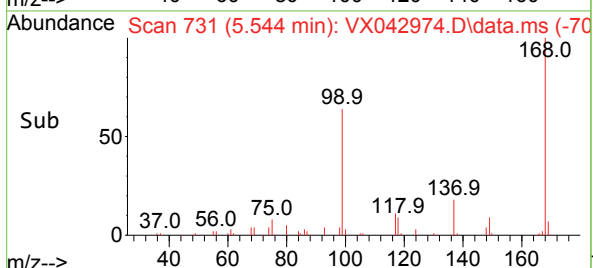
Tgt Ion:113 Resp: 102963
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.6 13.3 19.9

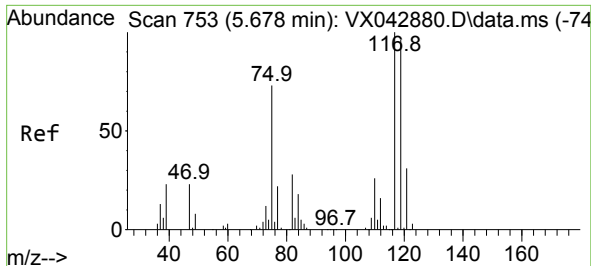


#36
1,1-Dichloropropene
Concen: 4.790 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03



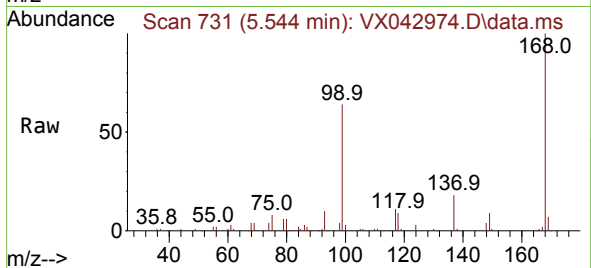
Tgt Ion: 75 Resp: 11647
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



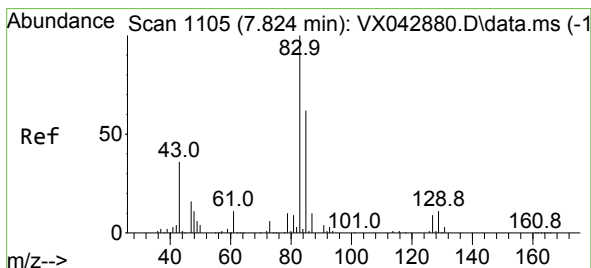
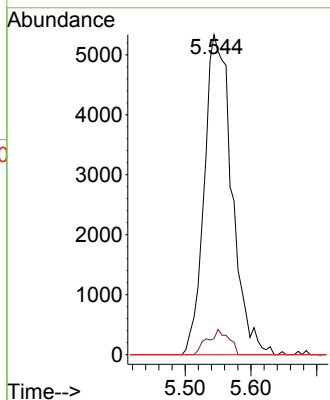
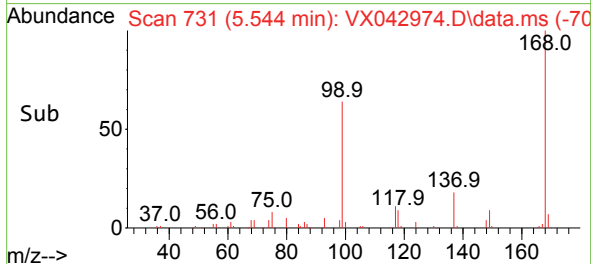


#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Instrument :
MSVOA_X
ClientSampleId :

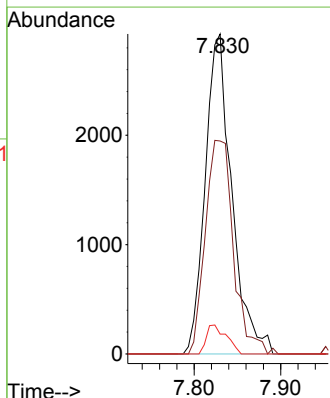
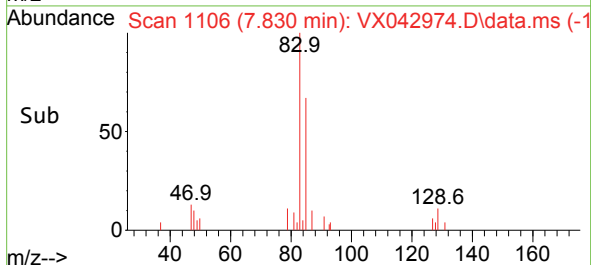
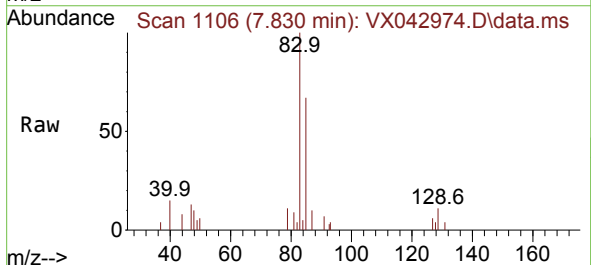


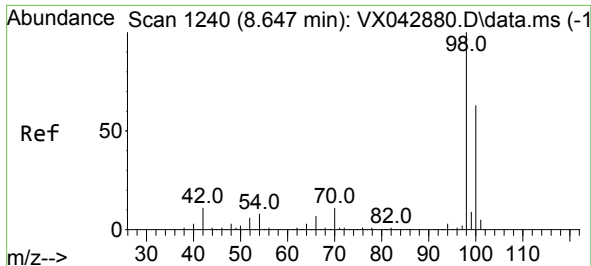
Tgt Ion:117 Resp: 15562
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#47
Bromodichloromethane
Concen: 2.388 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Tgt Ion: 83 Resp: 6238
Ion Ratio Lower Upper
83 100
85 66.6 49.8 74.6
127 6.2 7.1 10.7#

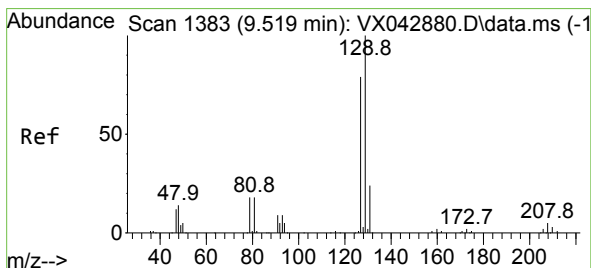
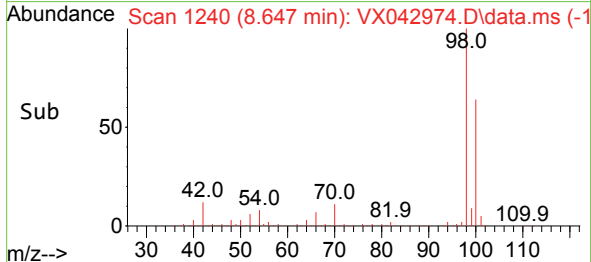
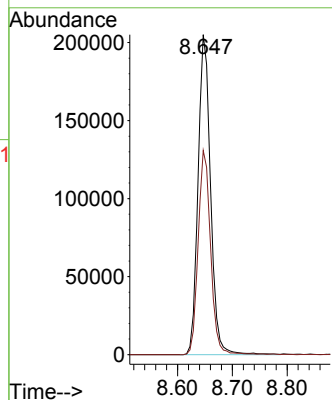
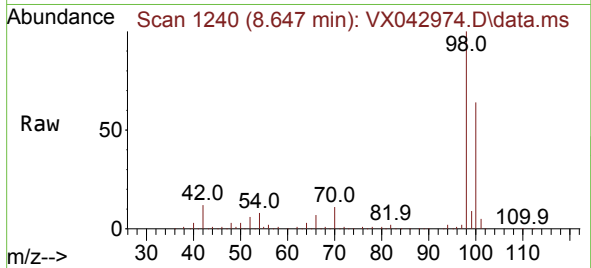




#50
Toluene-d8
Concen: 51.211 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

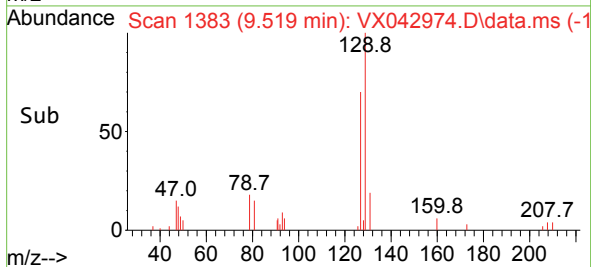
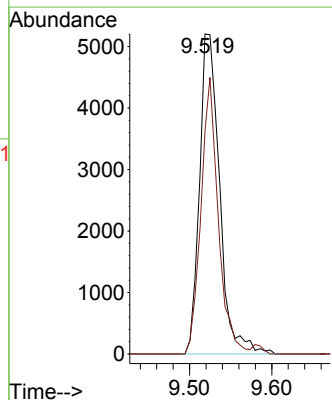
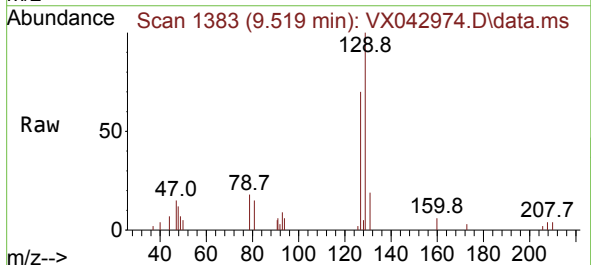
Instrument :
MSVOA_X
ClientSampleId :

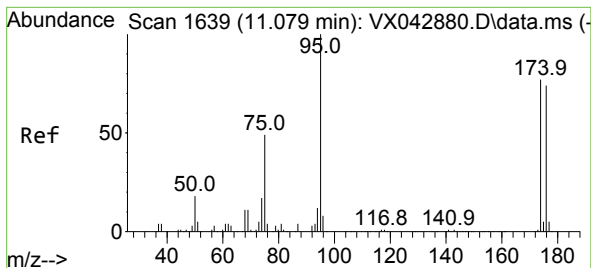
Tgt Ion: 98 Resp: 326072
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#60
Dibromochloromethane
Concen: 4.327 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Tgt Ion:129 Resp: 8847
Ion Ratio Lower Upper
129 100
127 74.3 38.8 116.4

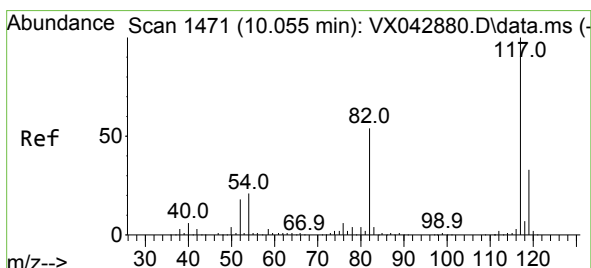
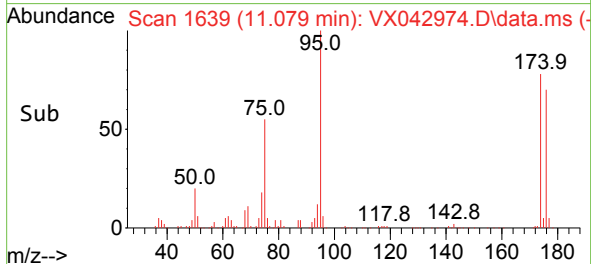
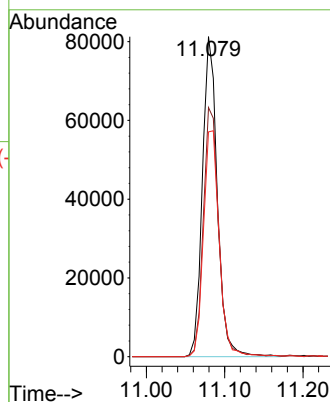
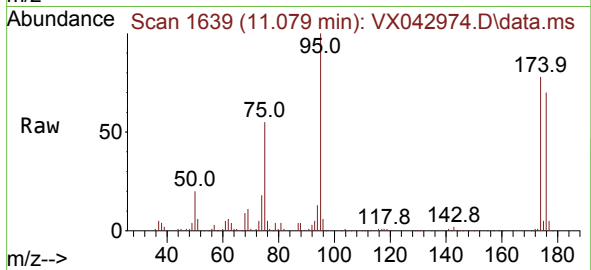




#62
4-Bromofluorobenzene
Concen: 47.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

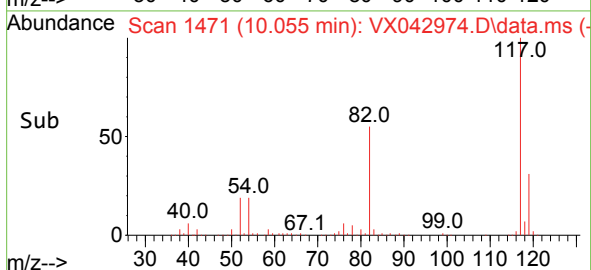
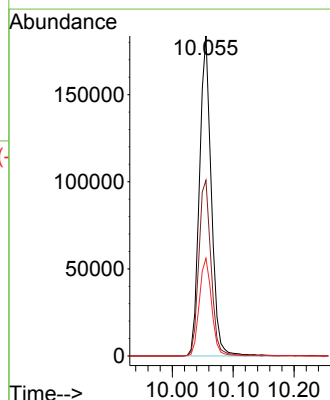
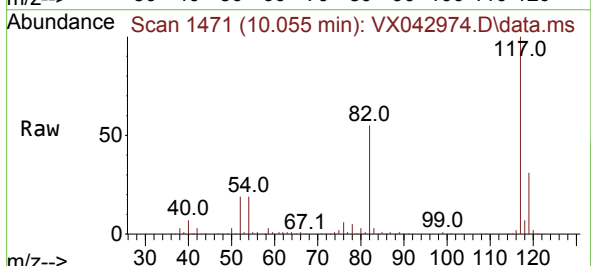
Instrument :
MSVOA_X
ClientSampleId :

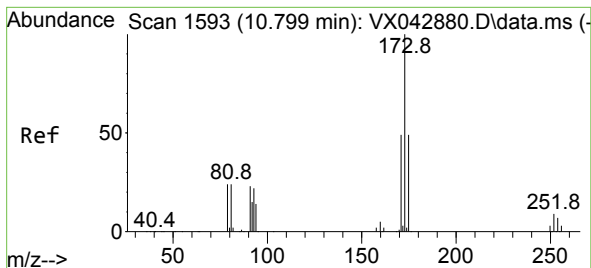
Tgt Ion: 95 Resp: 107556
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 74.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Tgt Ion: 117 Resp: 248422
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 30.5 25.5 38.3





#71

Bromoform

Concen: 4.506 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042974.D

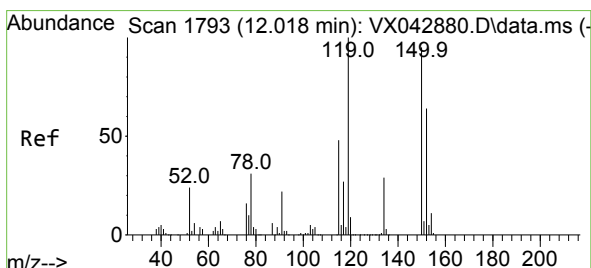
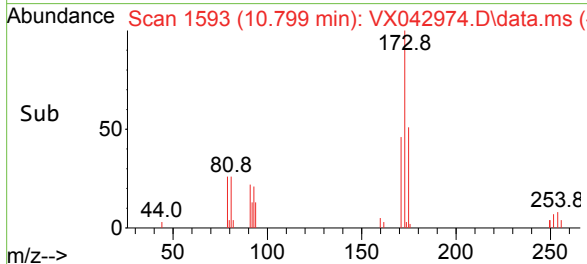
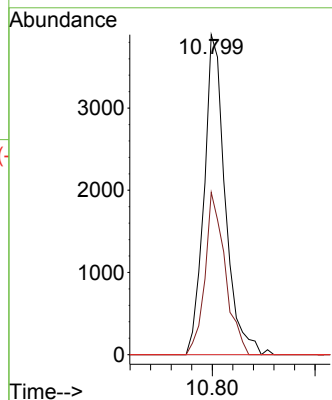
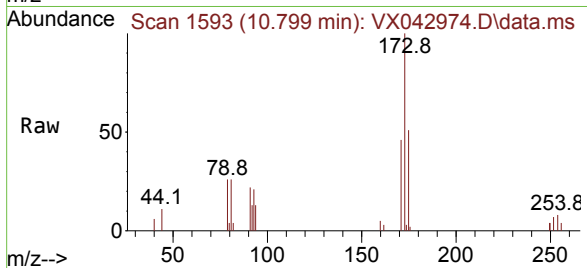
Acq: 09 Aug 2024 06:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173	Resp:	5575
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.1 72.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

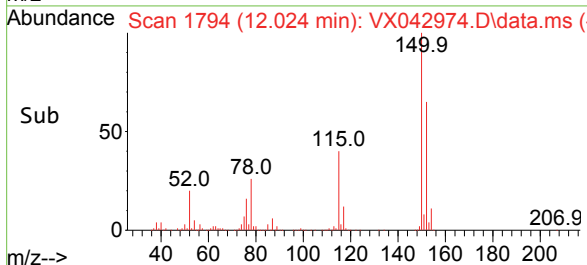
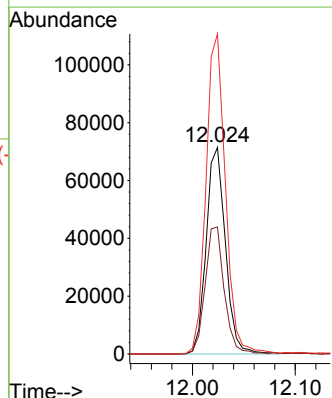
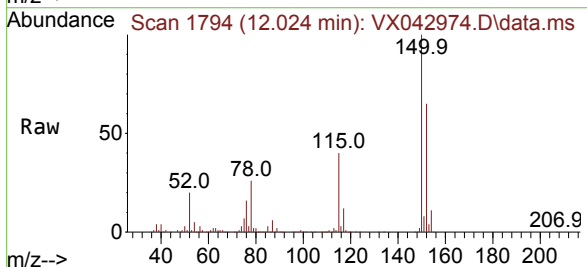
RT: 12.024 min Scan# 1794

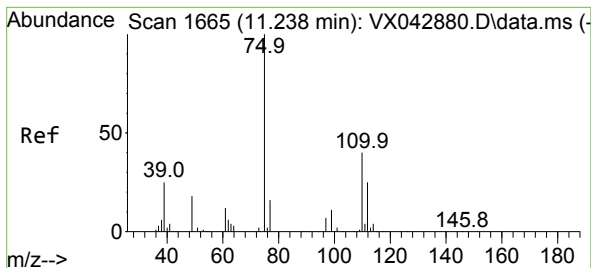
Delta R.T. 0.006 min

Lab File: VX042974.D

Acq: 09 Aug 2024 06:03

Tgt Ion:152	Resp:	93031
Ion Ratio	Lower	Upper
152	100	
115	61.5	43.3 129.9
150	155.9	0.0 345.0

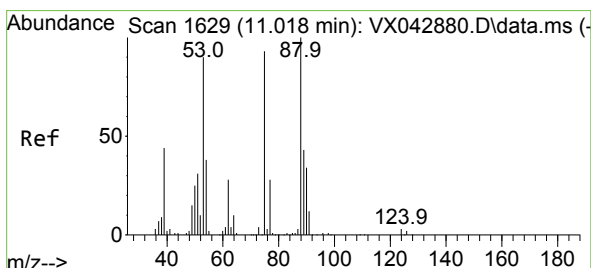
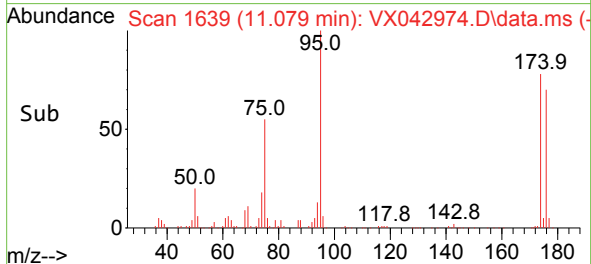
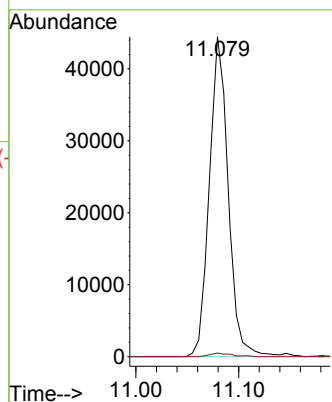
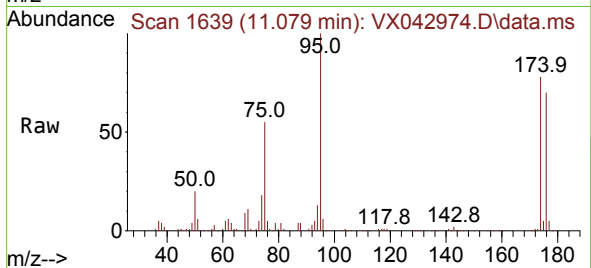




#76
1,2,3-Trichloropropane
Concen: 27.115 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 56732
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042974.D
Acq: 09 Aug 2024 06:03

Tgt Ion: 75 Resp: 56732
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

