

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041983.D
 Acq On : 21 Jun 2024 16:22
 Operator : JC/MD
 Sample : P3002-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 04:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

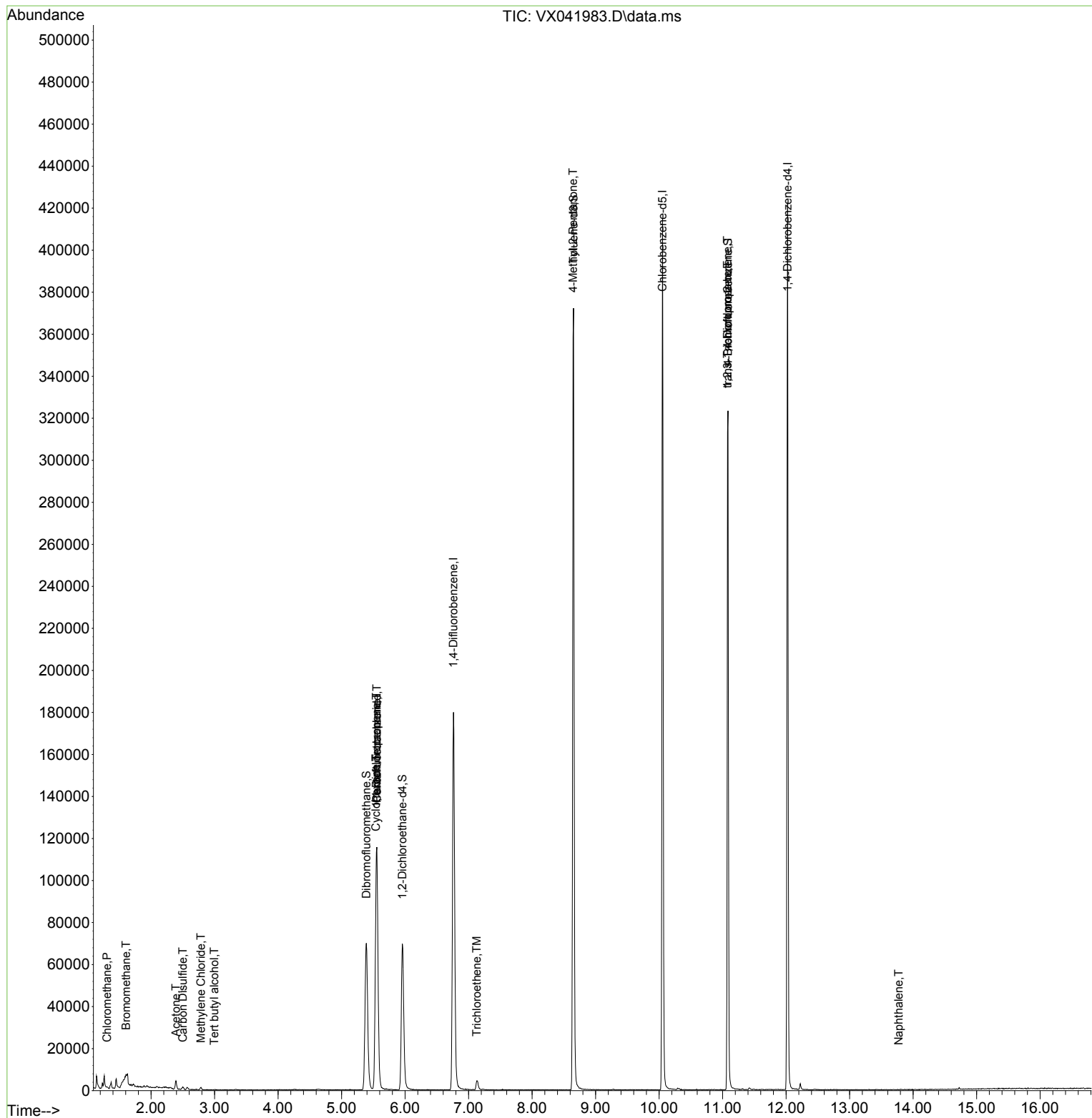
Internal Standards						
1) Pentafluorobenzene	5.555	168	128219	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	197857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67862	45.898	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.800%
35) Dibromofluoromethane	5.391	113	63183	45.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.020%
50) Toluene-d8	8.652	98	232014	47.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.080%
62) 4-Bromofluorobenzene	11.085	95	86380	47.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%
Target Compounds						
						Qvalue
3) Chloromethane	1.306	50	555	0.453	ug/l	# 80
5) Bromomethane	1.605	94	193	0.318	ug/l	92
6) Chloroethane	1.617	64	21	Below Cal	#	43
11) Tert butyl alcohol	2.995	59	173	0.617	ug/l	# 78
16) Acetone	2.391	43	4187	6.449	ug/l	# 80
17) Carbon Disulfide	2.501	76	1571	0.697	ug/l	99
20) Methylene Chloride	2.788	84	544	0.383	ug/l	# 79
31) Cyclohexane	5.543	56	2030	1.174	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	7420	4.977	ug/l	# 49
38) Carbon Tetrachloride	5.555	117	10854	6.589	ug/l	# 16
44) Trichloroethene	7.128	130	2357	1.749	ug/l	80
51) 4-Methyl-2-Pentanone	8.646	43	929	0.452	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	40361	22.831	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	40361	64.839	ug/l	# 5
95) Naphthalene	13.773	128	23	0.751	ug/l	# 69

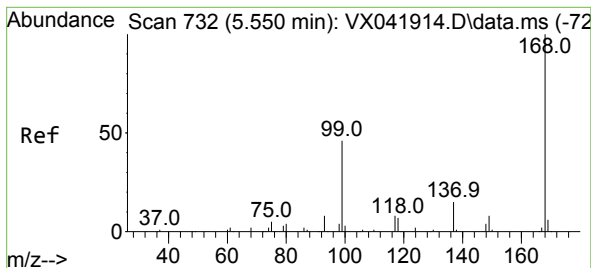
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.555 min Scan# 71

Delta R.T. 0.005 min

Lab File: VX041983.D

Acq: 21 Jun 2024 16:22

Instrument :

MSVOA_X

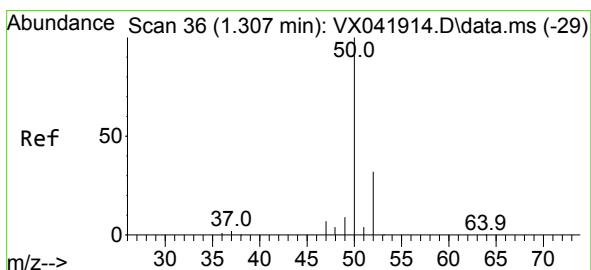
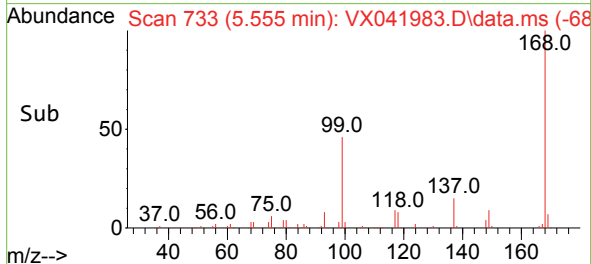
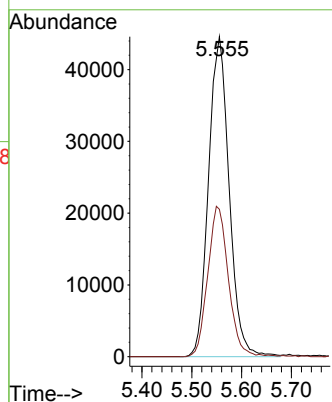
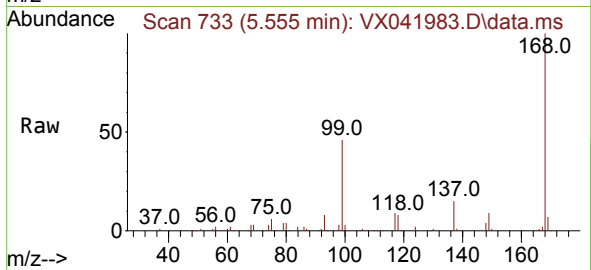
ClientSampleId :

Tgt Ion:168 Resp: 128219

Ion Ratio Lower Upper

168 100

99 46.1 56.6 85.0#



#3

Chloromethane

Concen: 0.453 ug/l

RT: 1.306 min Scan# 36

Delta R.T. -0.000 min

Lab File: VX041983.D

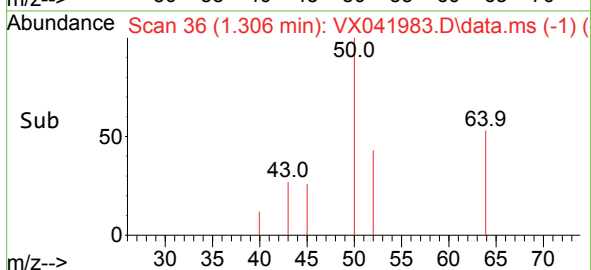
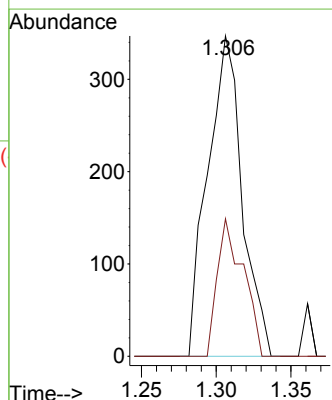
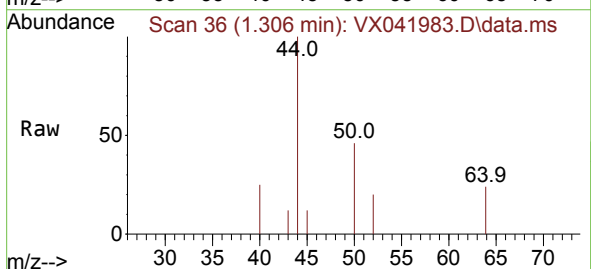
Acq: 21 Jun 2024 16:22

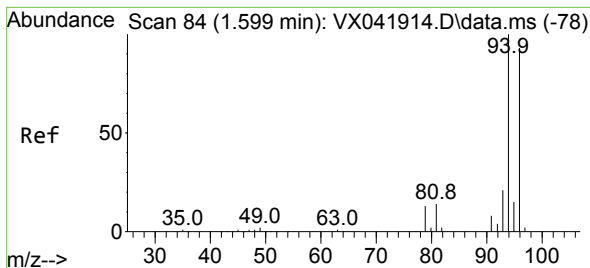
Tgt Ion: 50 Resp: 555

Ion Ratio Lower Upper

50 100

52 42.9 25.5 38.3#





#5

Bromomethane

Concen: 0.318 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX041983.D

Acq: 21 Jun 2024 16:22

Instrument :

MSVOA_X

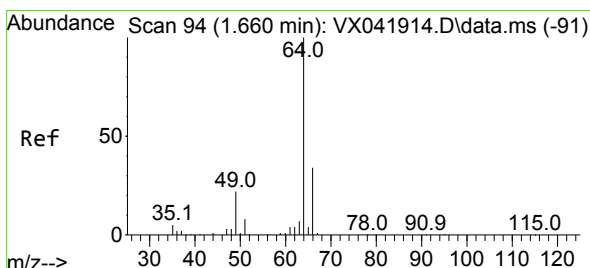
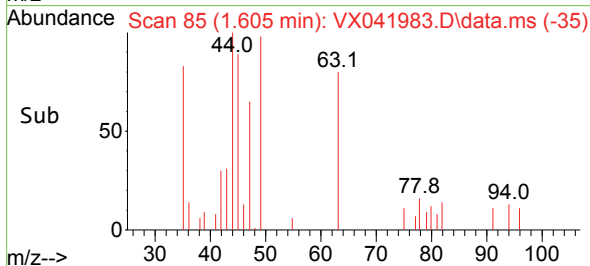
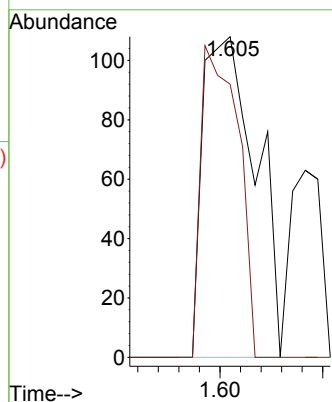
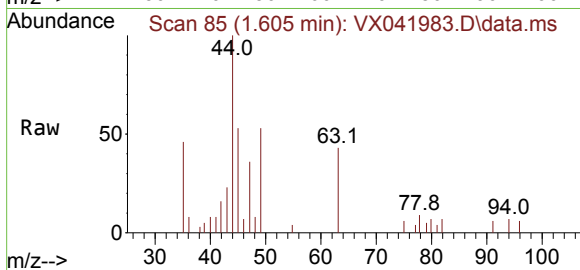
ClientSampleId :

Tgt Ion: 94 Resp: 193

Ion Ratio Lower Upper

94 100

96 85.2 74.6 111.8



#6

Chloroethane

Concen: Below Cal

RT: 1.617 min Scan# 87

Delta R.T. -0.043 min

Lab File: VX041983.D

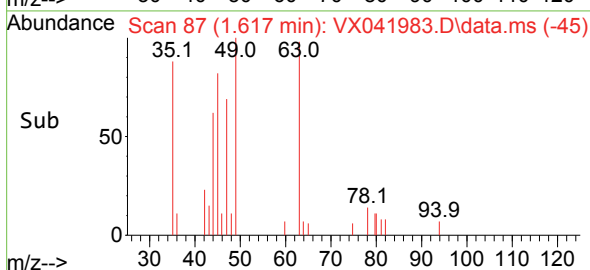
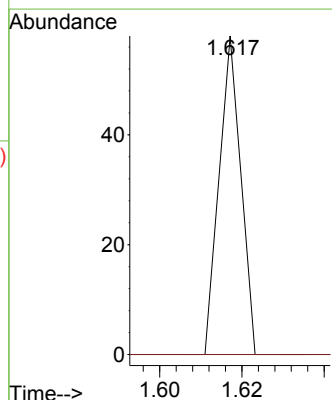
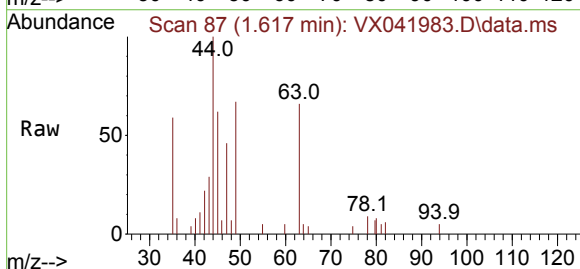
Acq: 21 Jun 2024 16:22

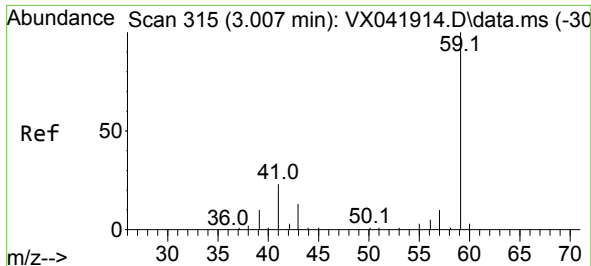
Tgt Ion: 64 Resp: 21

Ion Ratio Lower Upper

64 100

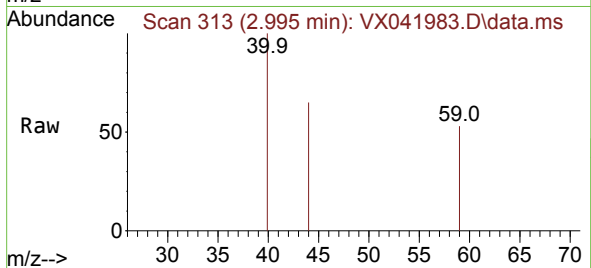
66 0.0 25.1 37.7#



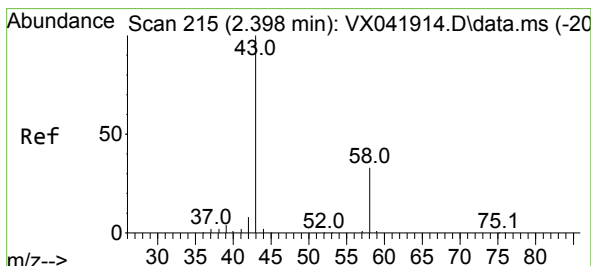
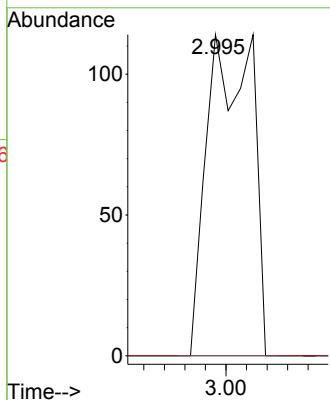
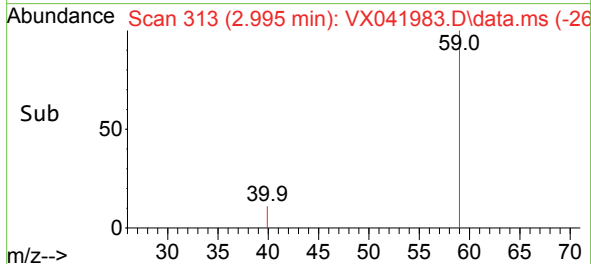


#11
Tert butyl alcohol
Concen: 0.617 ug/l
RT: 2.995 min Scan# 31
Delta R.T. -0.013 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

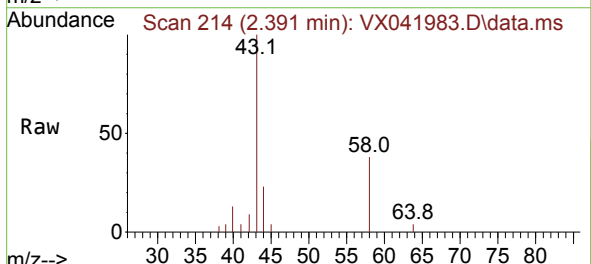
Instrument :
MSVOA_X
ClientSampleId :



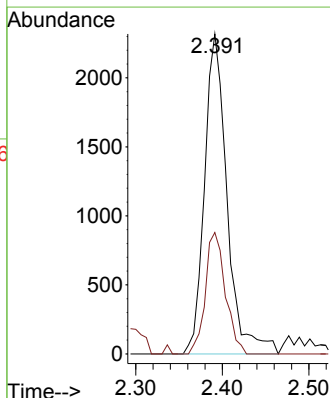
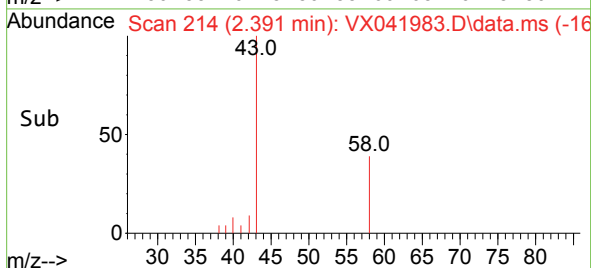
Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

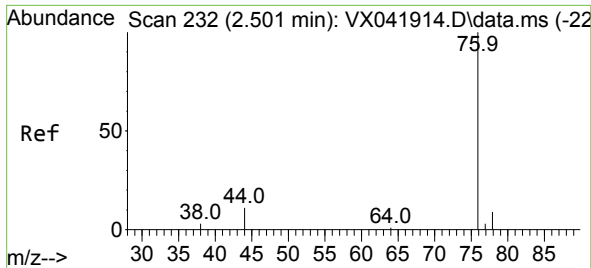


#16
Acetone
Concen: 6.449 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22



Tgt Ion: 43 Resp: 4187
Ion Ratio Lower Upper
43 100
58 38.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.697 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

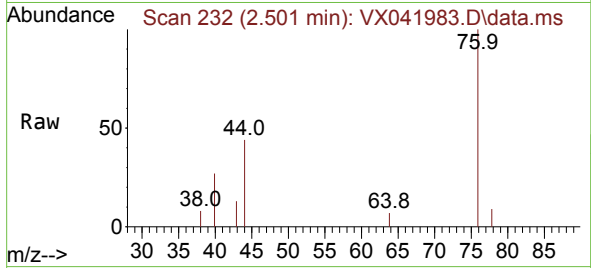
Lab File: VX041983.D

Acq: 21 Jun 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

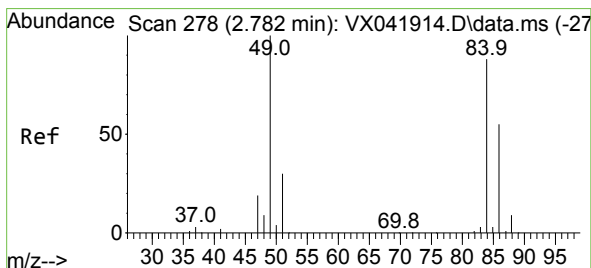
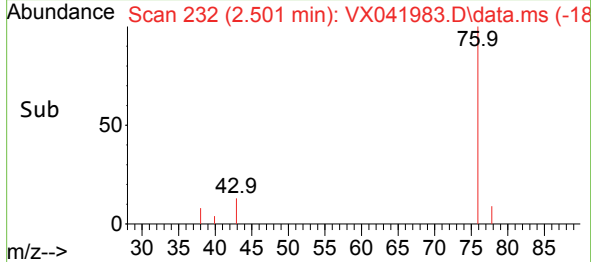
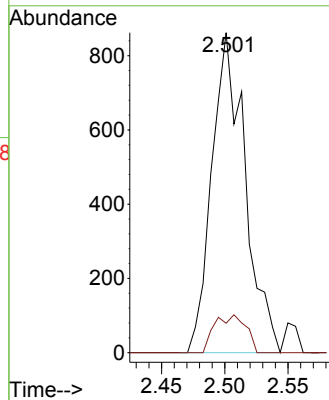


Tgt Ion: 76 Resp: 1571

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#20

Methylene Chloride

Concen: 0.383 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX041983.D

Acq: 21 Jun 2024 16:22

Tgt Ion: 84 Resp: 544

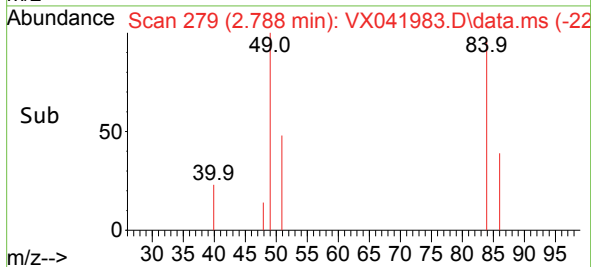
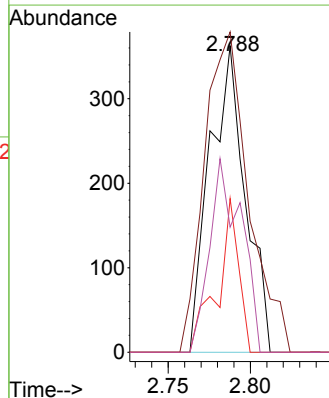
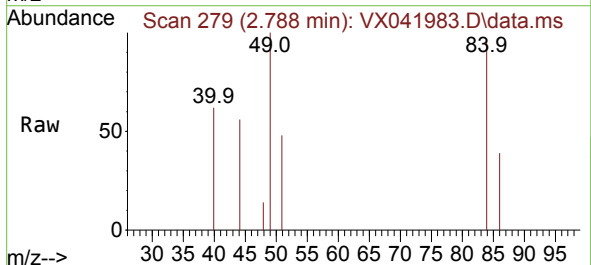
Ion Ratio Lower Upper

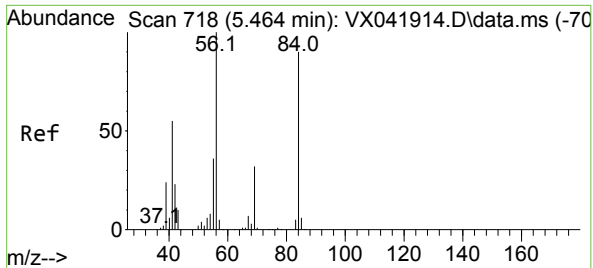
84 100

49 104.4 103.6 155.4

51 50.1 33.8 50.6

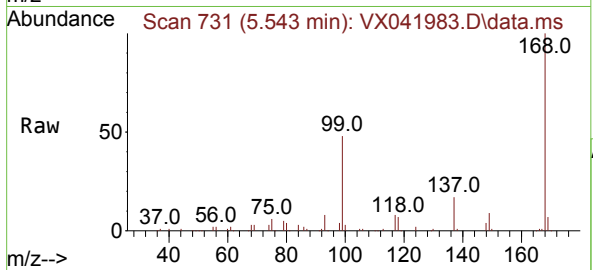
86 40.8 49.4 74.0#



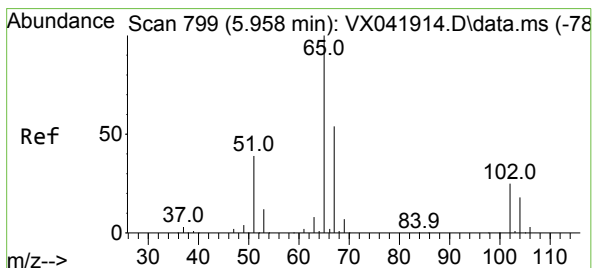
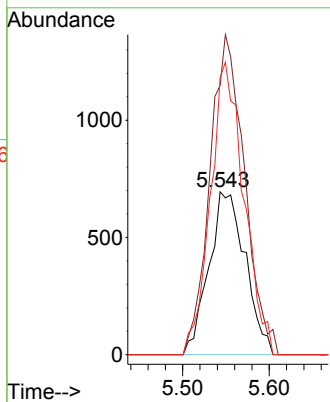
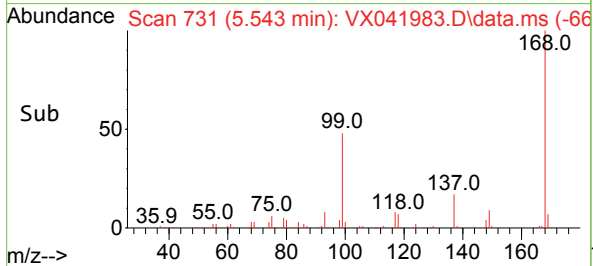


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :

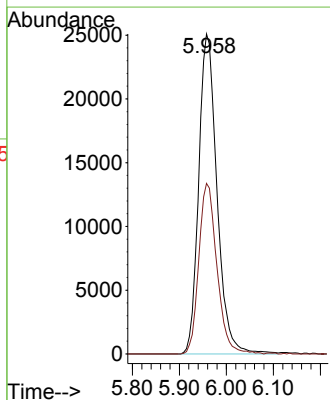
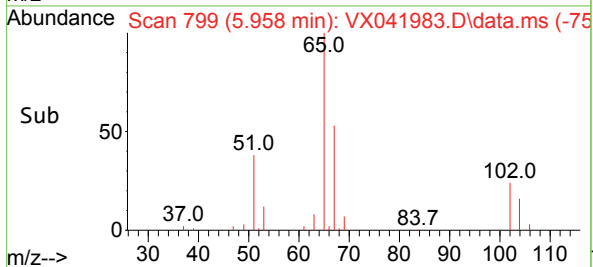
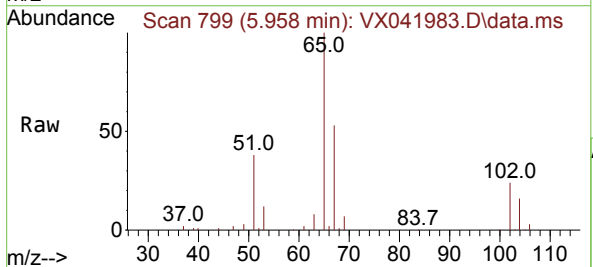


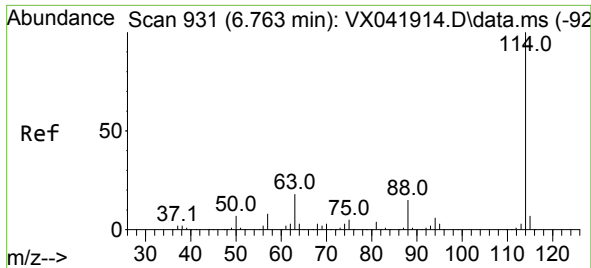
Tgt Ion: 56 Resp: 2030
Ion Ratio Lower Upper
56 100
69 165.3 23.4 35.2#
84 170.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.898 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

Tgt Ion: 65 Resp: 67862
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

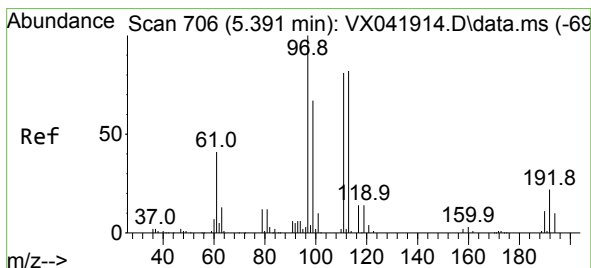
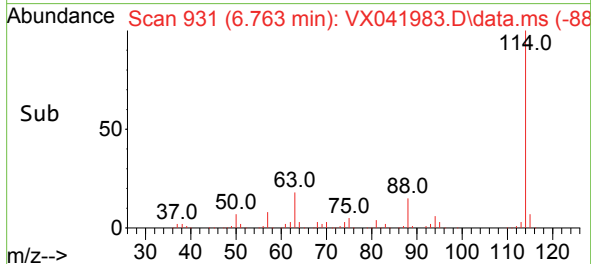
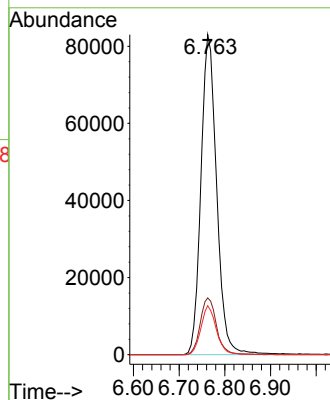
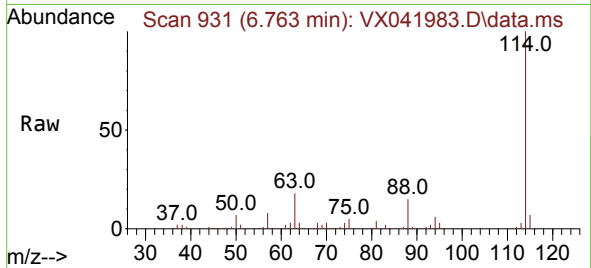




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

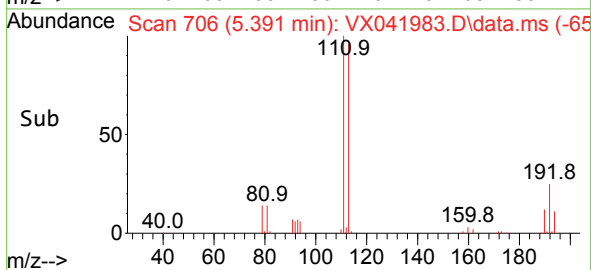
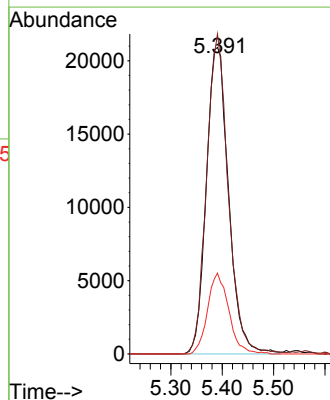
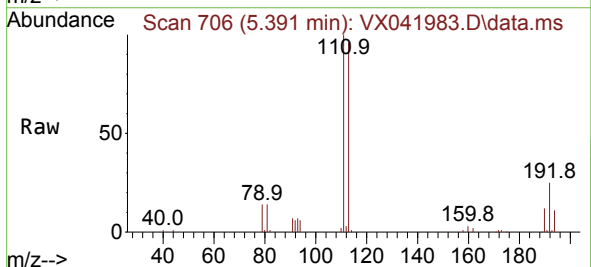
Instrument :
MSVOA_X
ClientSampleId :

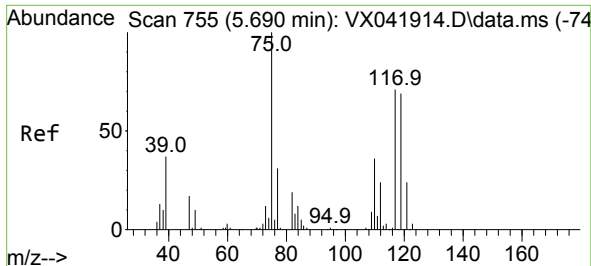
Tgt Ion:114 Resp: 197857
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.005 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

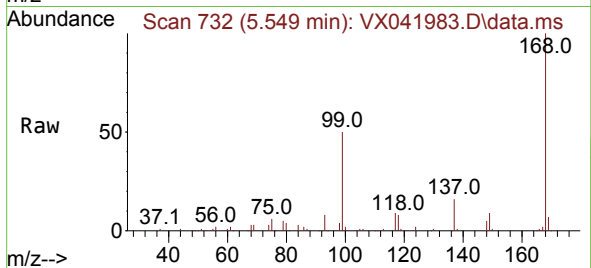
Tgt Ion:113 Resp: 63183
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 25.1 13.3 19.9#



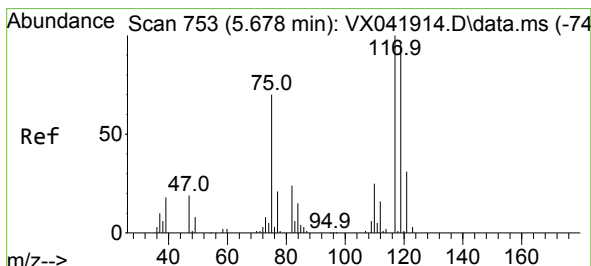
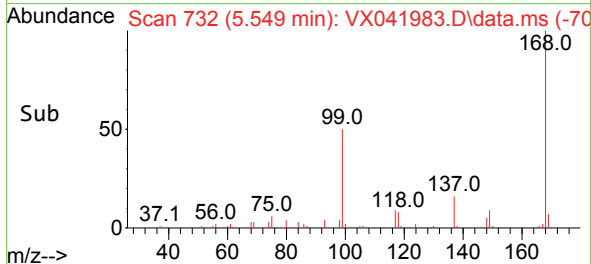
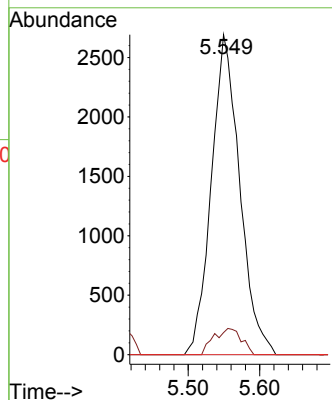


#36
1,1-Dichloropropene
Concen: 4.977 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.141 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :

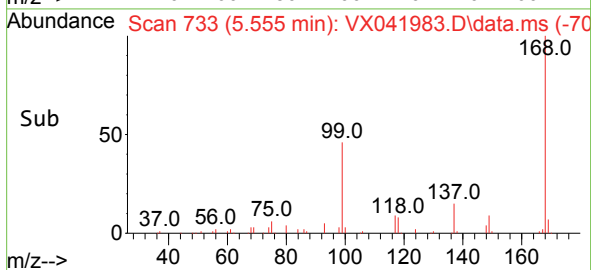
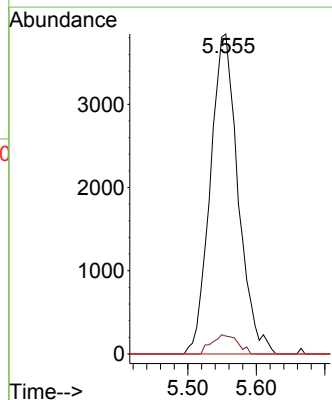
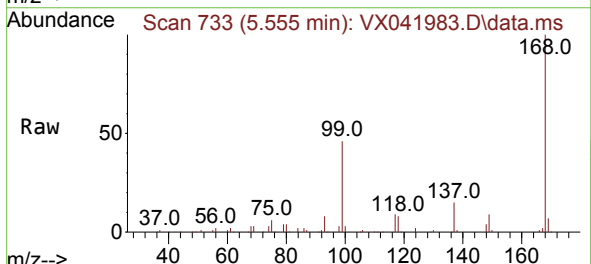


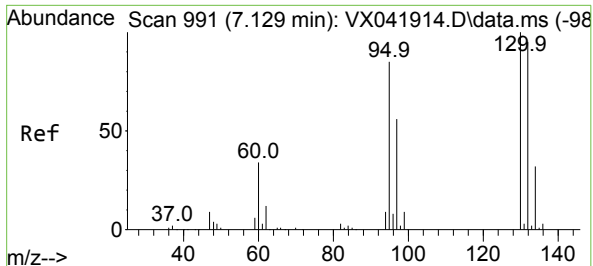
Tgt Ion: 75 Resp: 7420
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.589 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

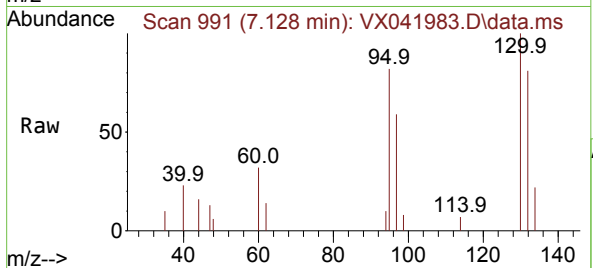
Tgt Ion: 117 Resp: 10854
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



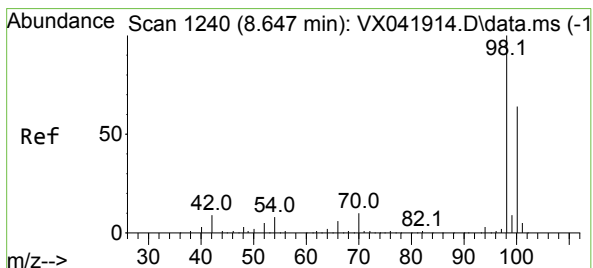
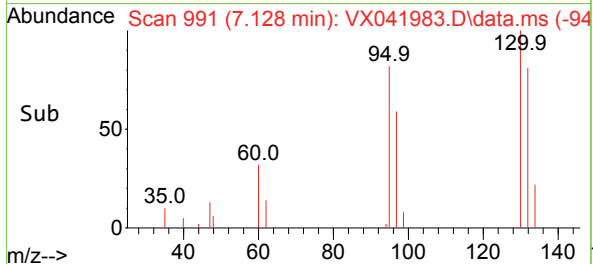
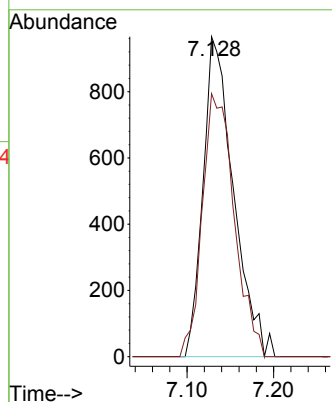


#44
 Trichloroethene
 Concen: 1.749 ug/l
 RT: 7.128 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX041983.D
 Acq: 21 Jun 2024 16:22

Instrument :
 MSVOA_X
 ClientSampleId :

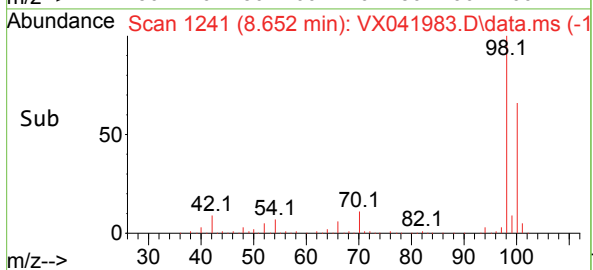
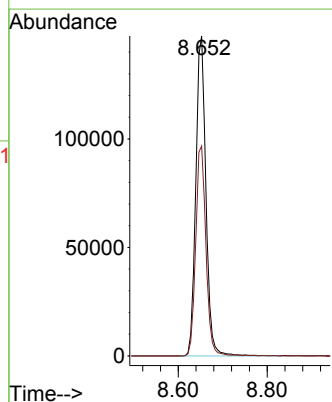
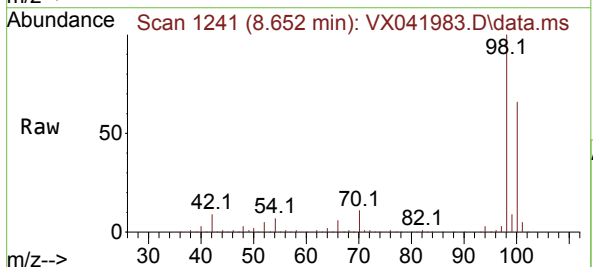


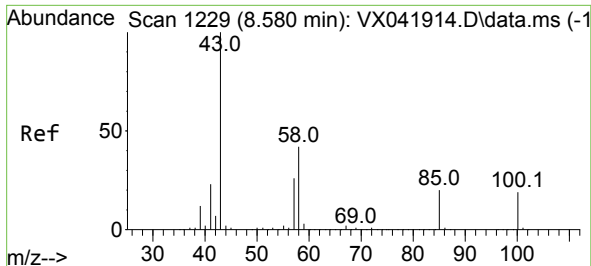
Tgt Ion:130 Resp: 2357
 Ion Ratio Lower Upper
 130 100
 95 82.2 0.0 204.4



#50
 Toluene-d8
 Concen: 47.043 ug/l
 RT: 8.652 min Scan# 1241
 Delta R.T. 0.006 min
 Lab File: VX041983.D
 Acq: 21 Jun 2024 16:22

Tgt Ion: 98 Resp: 232014
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.1 79.7

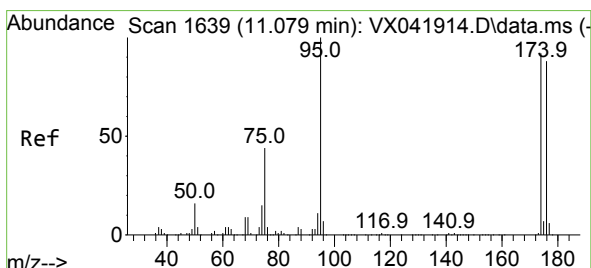
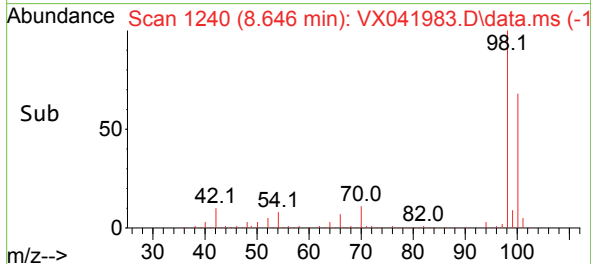
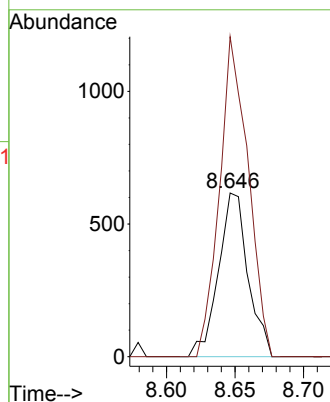
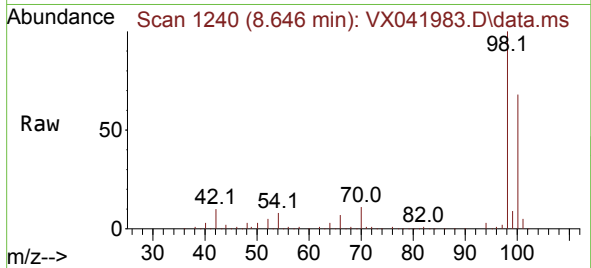




#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

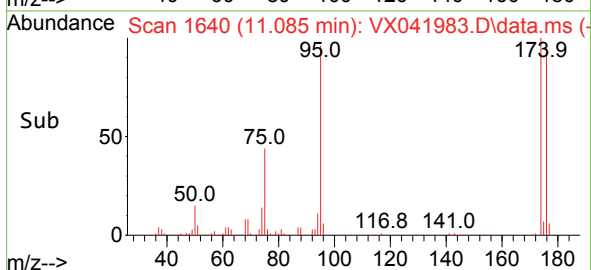
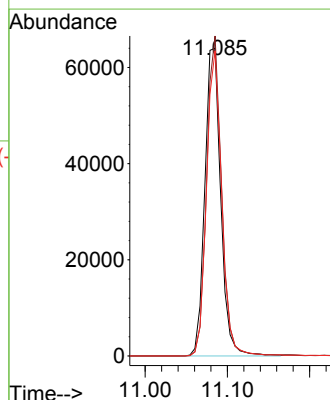
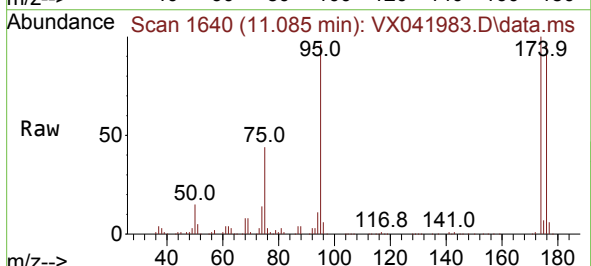
Instrument :
MSVOA_X
ClientSampleId :

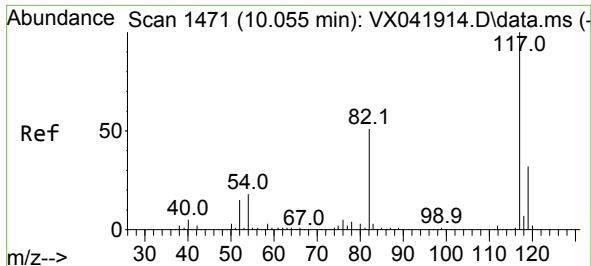
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 189.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.513 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

Tgt Ion: 95 Resp: 86380
Ion Ratio Lower Upper
95 100
174 98.0 0.0 135.6
176 94.7 0.0 131.0

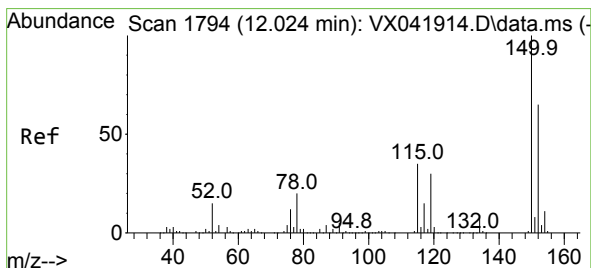
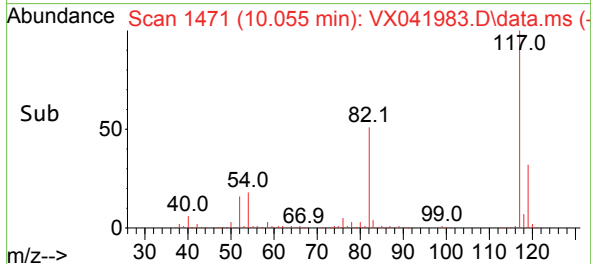
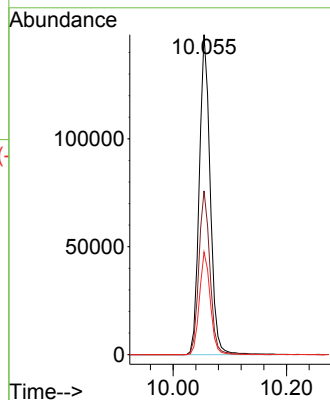
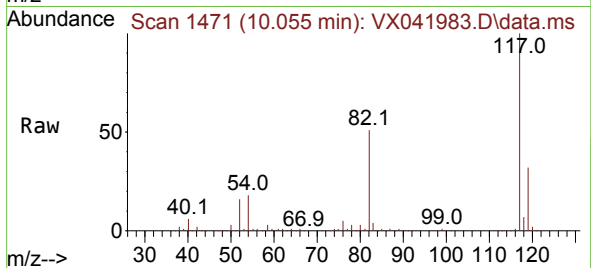




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

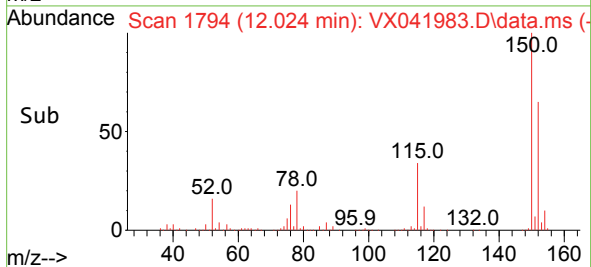
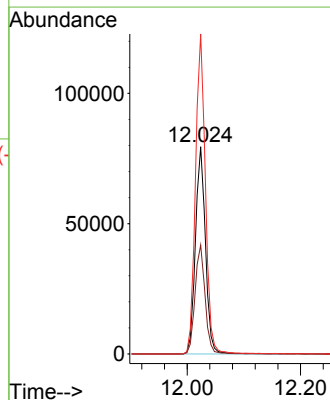
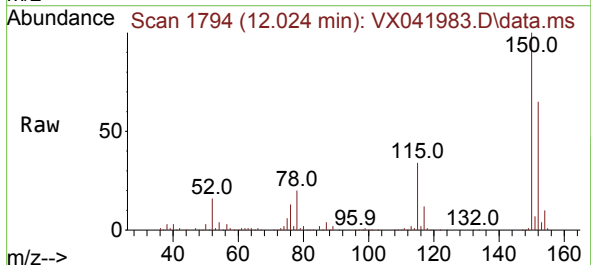
Instrument :
MSVOA_X
ClientSampleId :

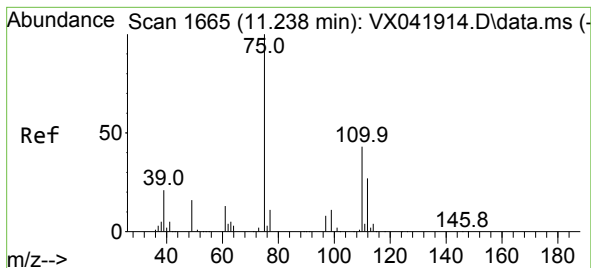
Tgt Ion:117 Resp: 198085
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

Tgt Ion:152 Resp: 97377
Ion Ratio Lower Upper
152 100
115 52.8 43.3 129.9
150 153.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.831 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041983.D

Acq: 21 Jun 2024 16:22

Instrument :

MSVOA_X

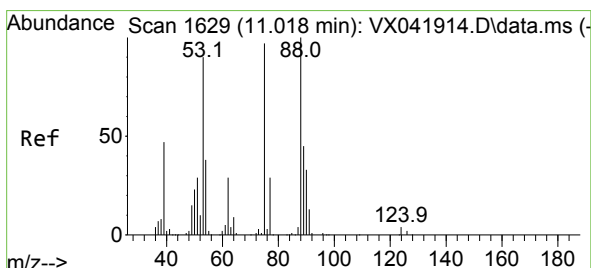
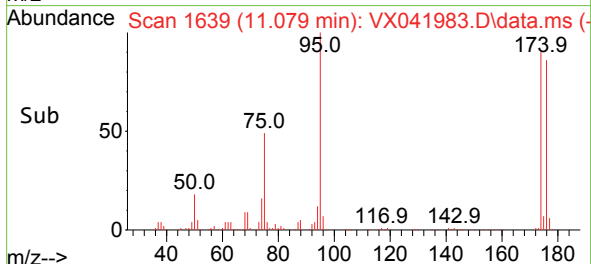
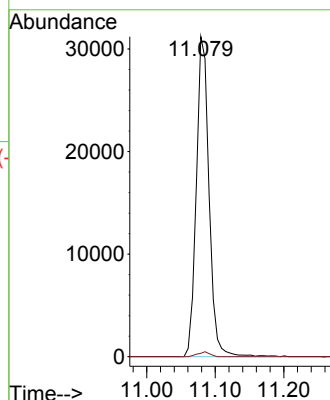
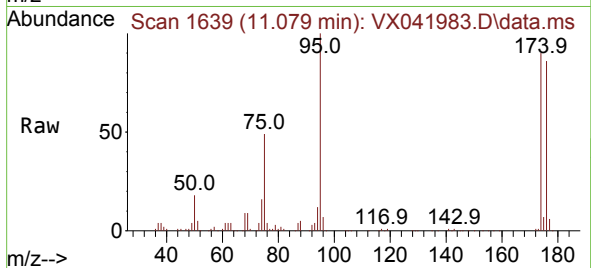
ClientSampleId :

Tgt Ion: 75 Resp: 40361

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.839 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041983.D

Acq: 21 Jun 2024 16:22

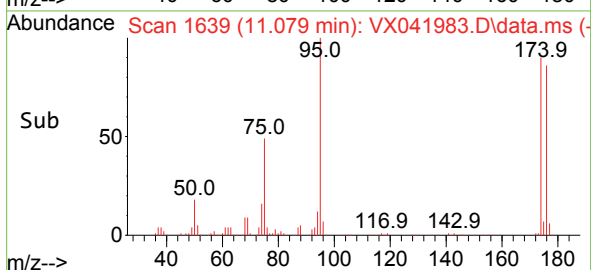
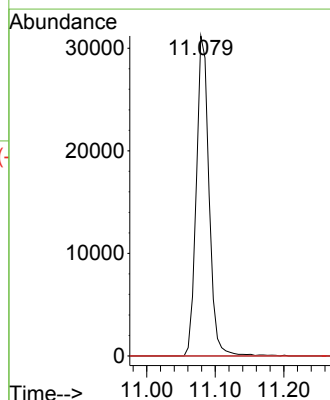
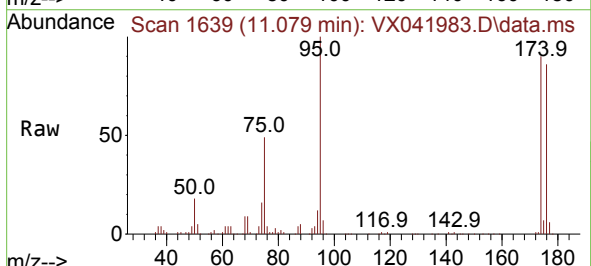
Tgt Ion: 75 Resp: 40361

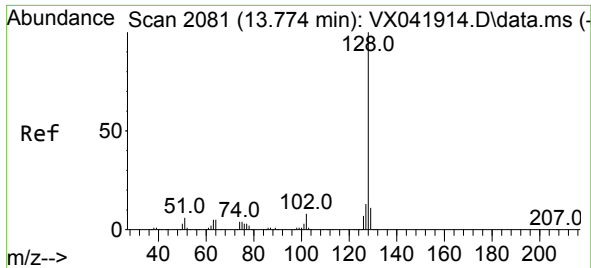
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

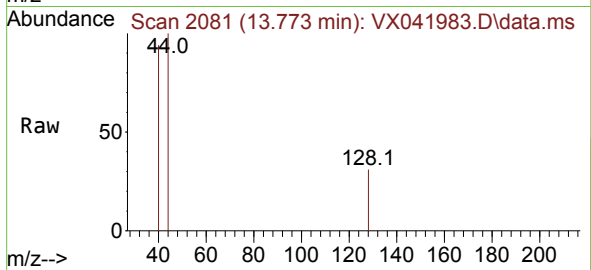
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.751 ug/l
RT: 13.773 min Scan# 20
Delta R.T. -0.001 min
Lab File: VX041983.D
Acq: 21 Jun 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	23
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

