

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042091.D
 Acq On : 28 Jun 2024 17:25
 Operator : JC/MD
 Sample : P3127-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 04:22:37 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)

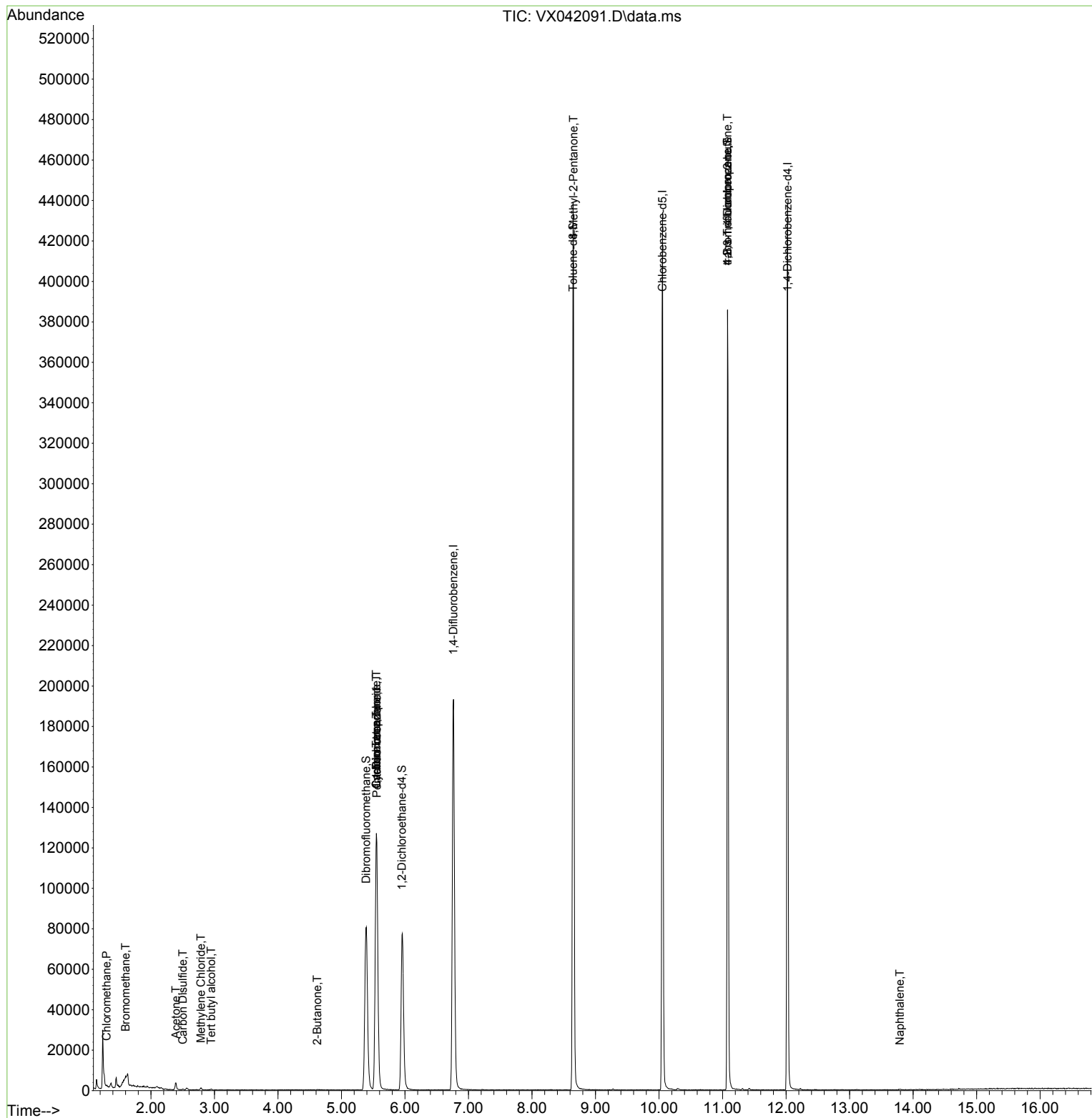
Internal Standards						
1) Pentafluorobenzene	5.556	168	142959	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	219043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74953	45.467	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.940%
35) Dibromofluoromethane	5.385	113	74143	47.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	8.647	98	272902	49.981	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.960%
62) 4-Bromofluorobenzene	11.079	95	102499	50.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.860%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	677	0.495	ug/l	# 85
5) Bromomethane	1.599	94	216	0.319	ug/l	85
6) Chloroethane	1.660	64	240	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	190	0.607	ug/l	# 78
16) Acetone	2.392	43	3843	5.309	ug/l	94
17) Carbon Disulfide	2.501	76	540	0.215	ug/l	# 76
20) Methylene Chloride	2.788	84	531	0.335	ug/l	# 78
25) 2-Butanone	4.617	43	247	0.219	ug/l	# 51
31) Cyclohexane	5.550	56	1924	0.998	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8074	4.892	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11898	6.525	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	955	0.420	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	45704	23.650	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45704	67.163	ug/l	# 5
95) Naphthalene	13.792	128	464	0.808	ug/l	# 69

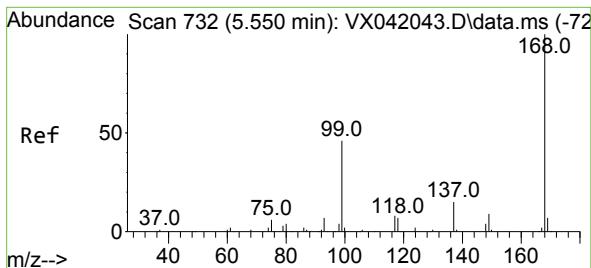
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

Instrument :

MSVOA_X

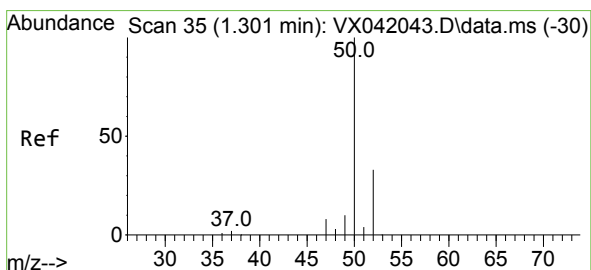
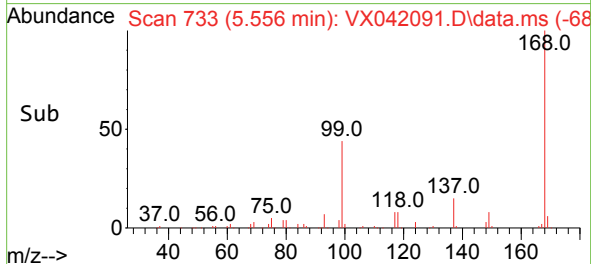
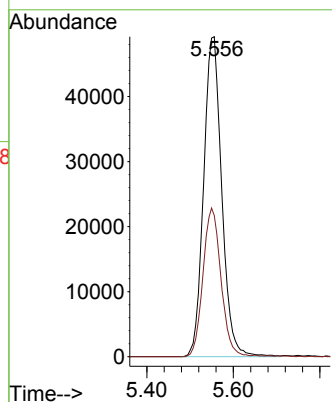
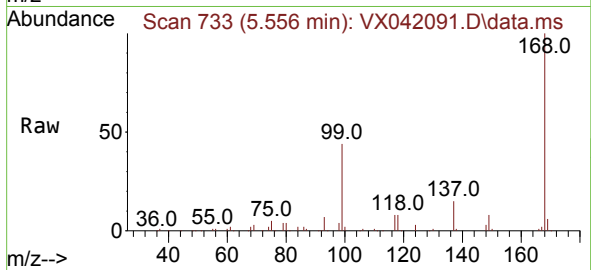
ClientSampleId :

Tgt Ion:168 Resp: 142959

Ion Ratio Lower Upper

168 100

99 44.1 56.6 85.0#



#3

Chloromethane

Concen: 0.495 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX042091.D

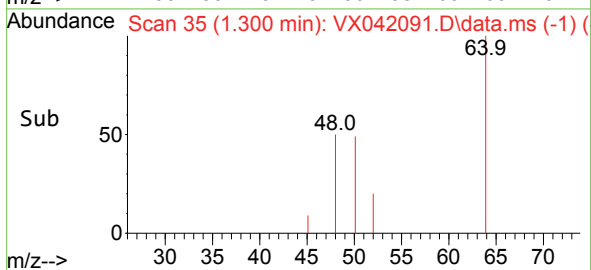
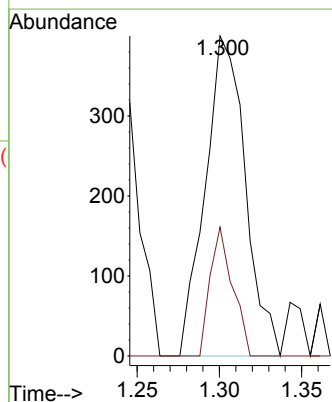
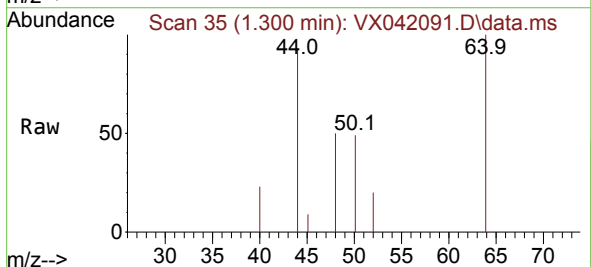
Acq: 28 Jun 2024 17:25

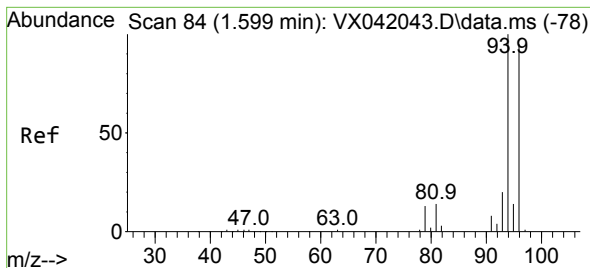
Tgt Ion: 50 Resp: 677

Ion Ratio Lower Upper

50 100

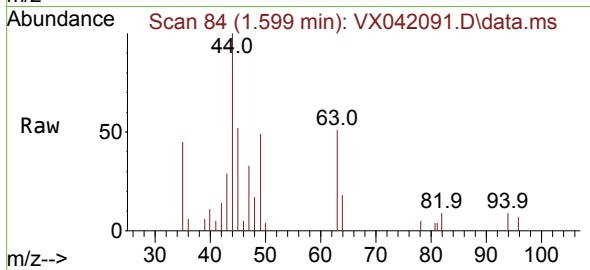
52 40.3 25.5 38.3#



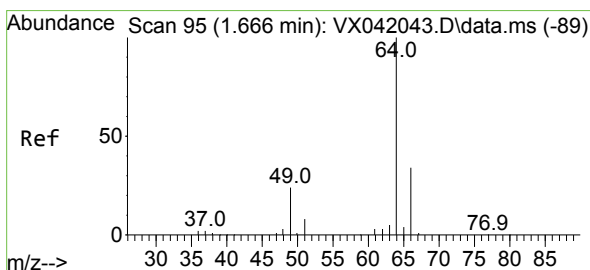
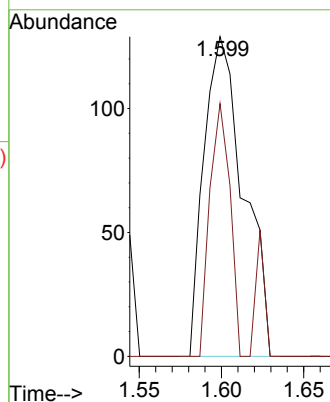
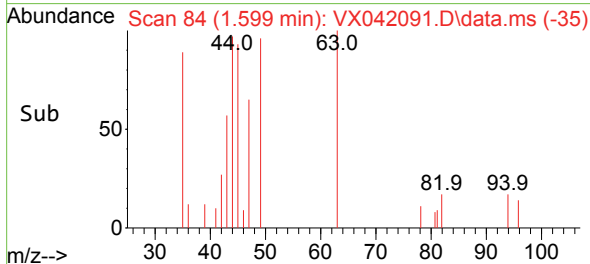


#5
Bromomethane
Concen: 0.319 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

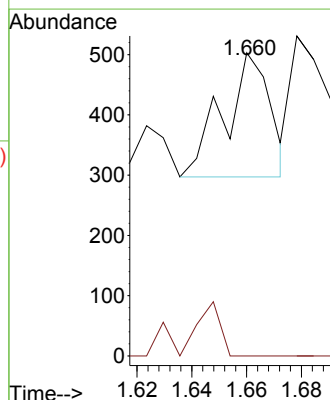
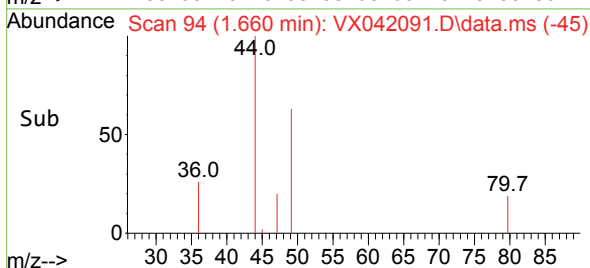
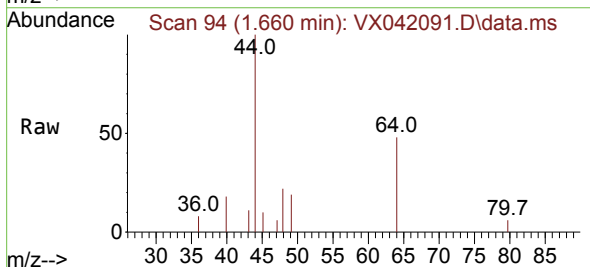


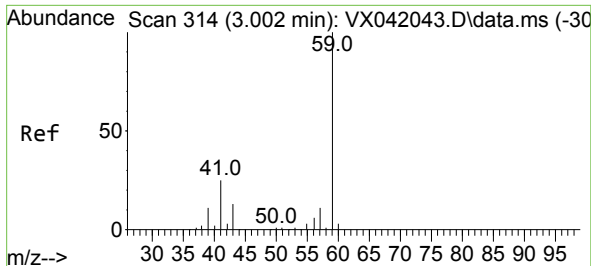
Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 79.1 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.607 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

Instrument :

MSVOA_X

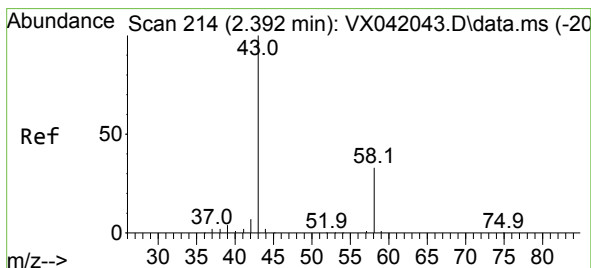
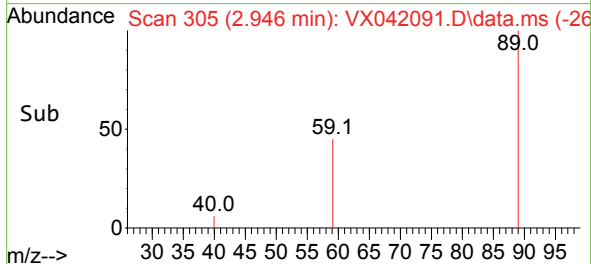
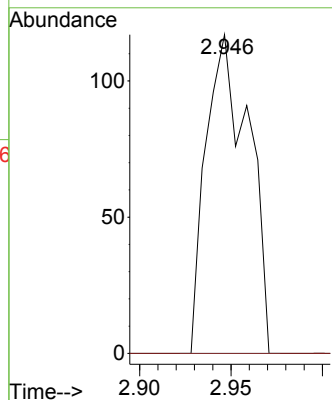
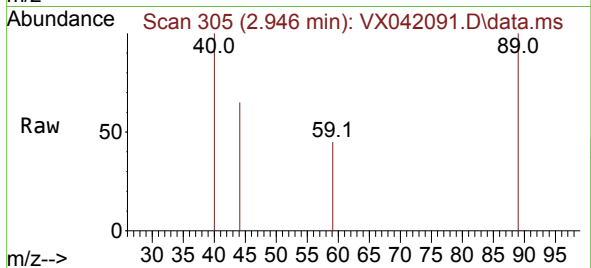
ClientSampleId :

Tgt Ion: 59 Resp: 190

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 5.309 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042091.D

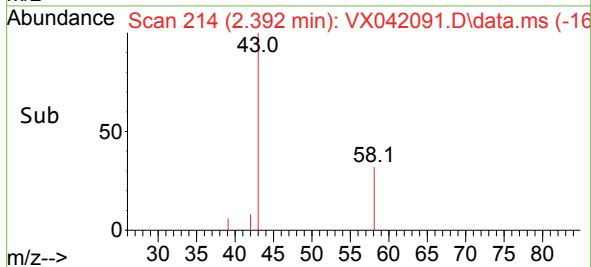
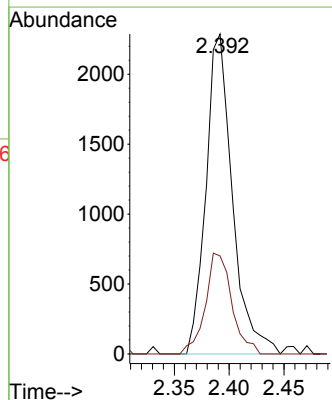
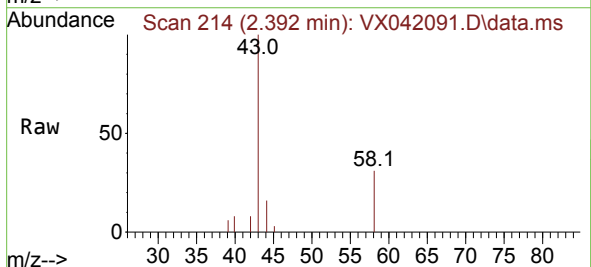
Acq: 28 Jun 2024 17:25

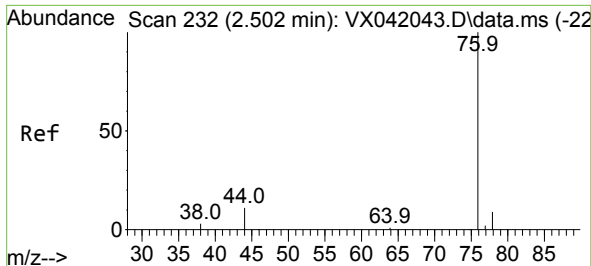
Tgt Ion: 43 Resp: 3843

Ion Ratio Lower Upper

43 100

58 30.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.215 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

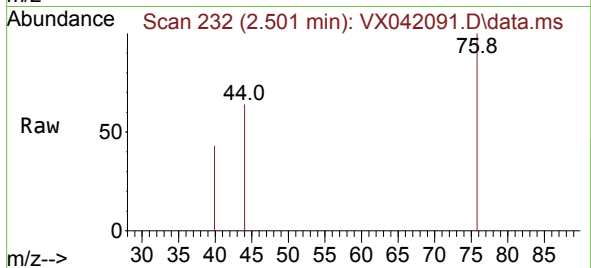
Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

Instrument :

MSVOA_X

ClientSampleId :

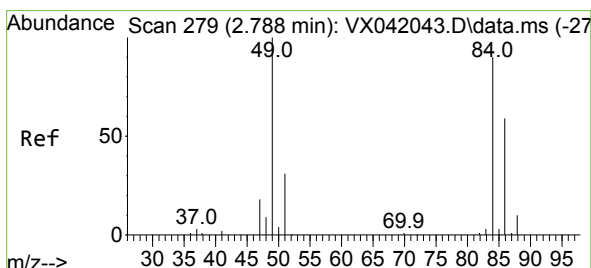
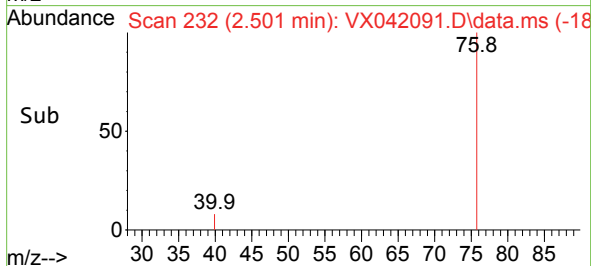
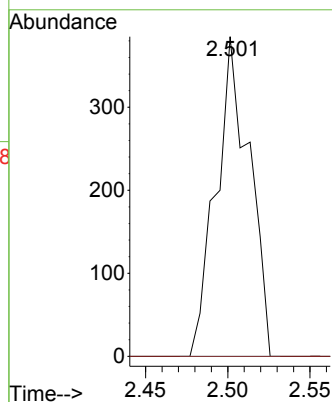


Tgt Ion: 76 Resp: 540

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.335 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

Tgt Ion: 84 Resp: 531

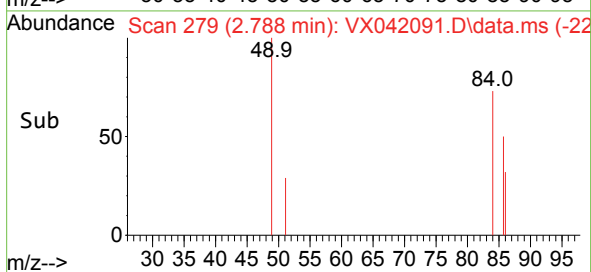
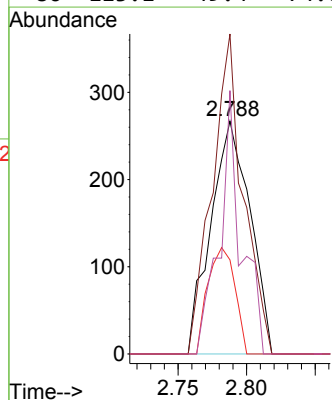
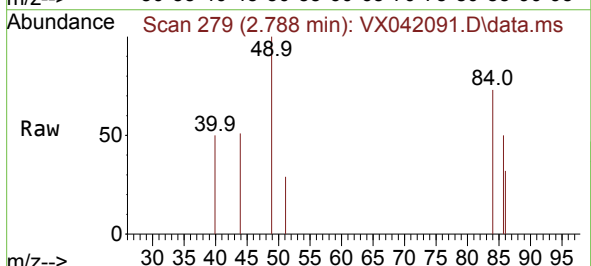
Ion Ratio Lower Upper

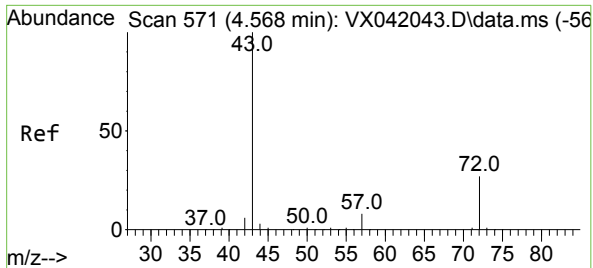
84 100

49 137.5 103.6 155.4

51 40.4 33.8 50.6

86 113.1 49.4 74.0#





#25

2-Butanone

Concen: 0.219 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.043 min

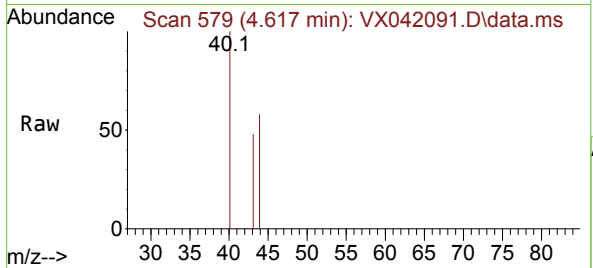
Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

Instrument :

MSVOA_X

ClientSampleId :

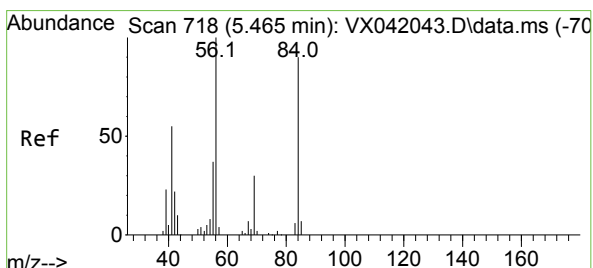
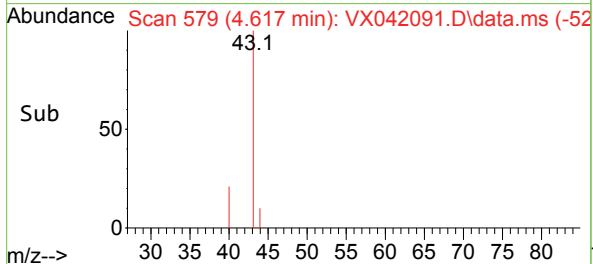
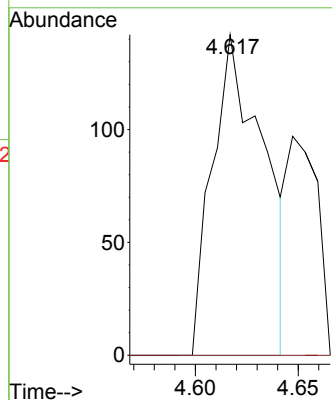


Tgt Ion: 43 Resp: 247

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 0.998 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

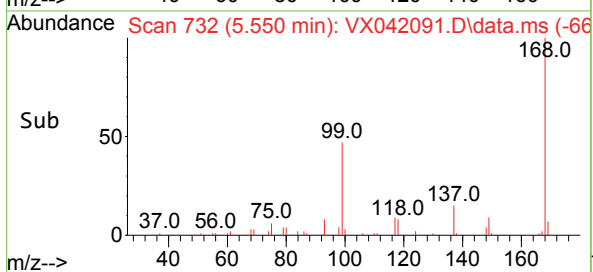
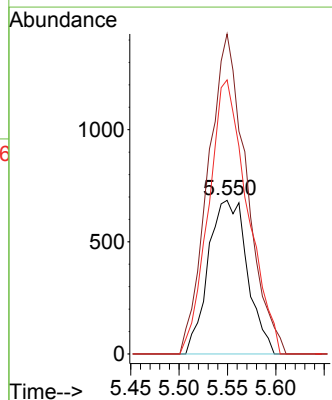
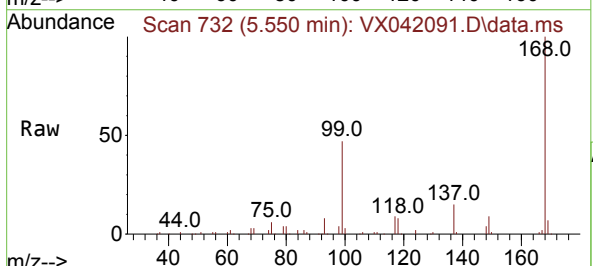
Tgt Ion: 56 Resp: 1924

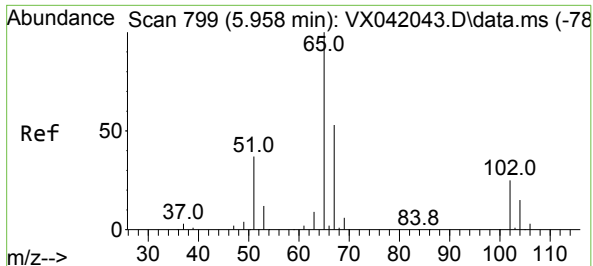
Ion Ratio Lower Upper

56 100

69 208.3 23.4 35.2#

84 178.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.467 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

Instrument :

MSVOA_X

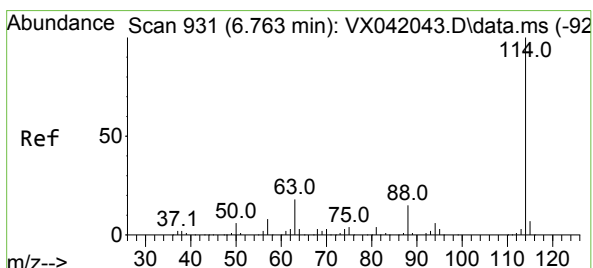
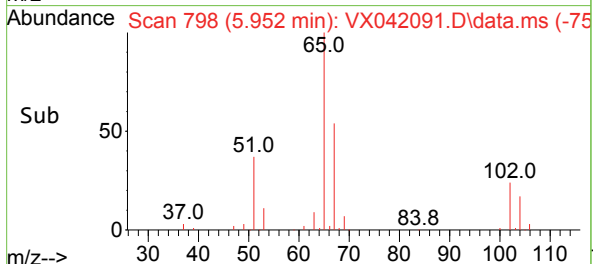
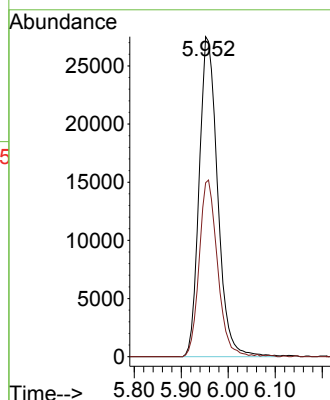
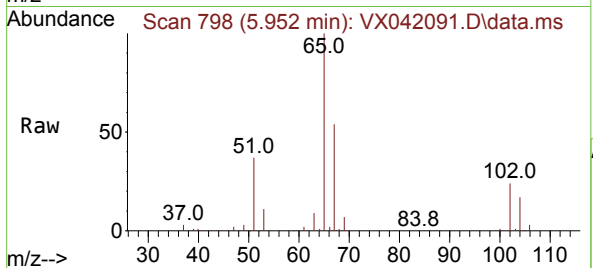
ClientSampleId :

Tgt Ion: 65 Resp: 74953

Ion Ratio Lower Upper

65 100

67 55.0 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: VX042091.D

Acq: 28 Jun 2024 17:25

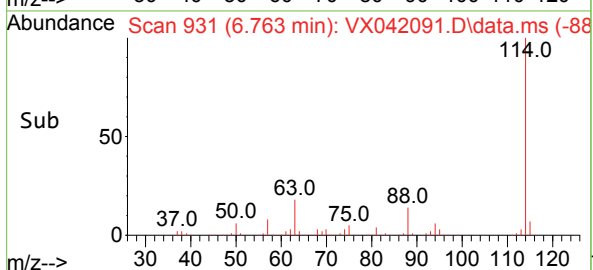
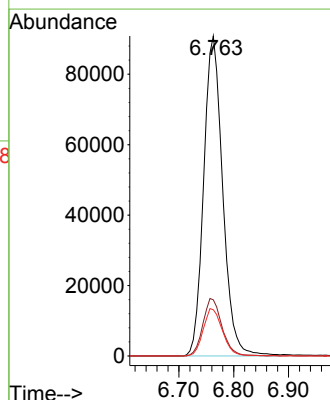
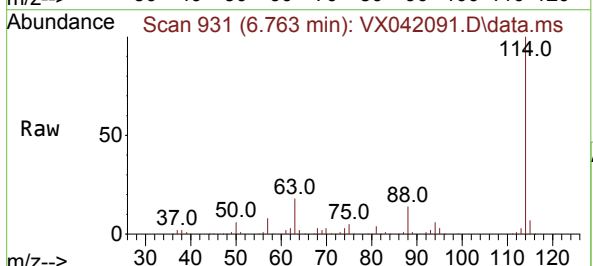
Tgt Ion: 114 Resp: 219043

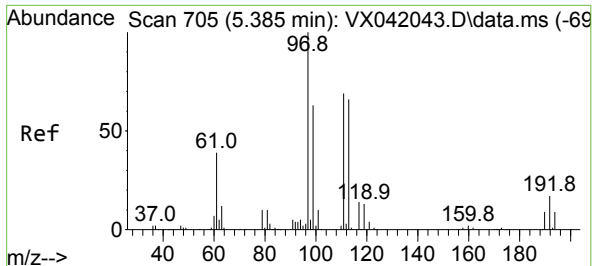
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

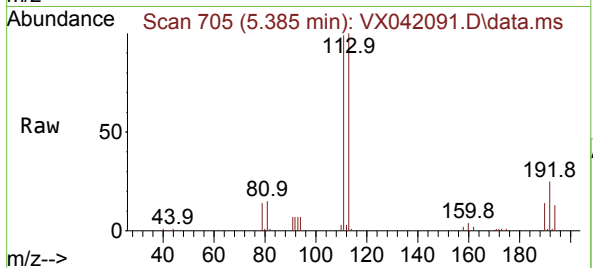
88 14.5 0.0 36.6



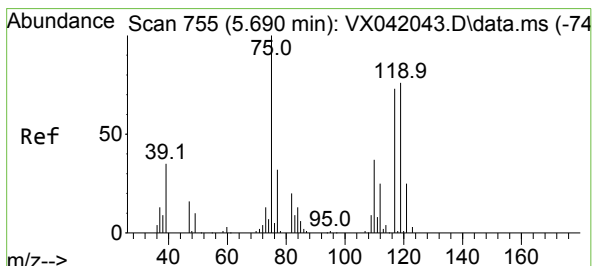
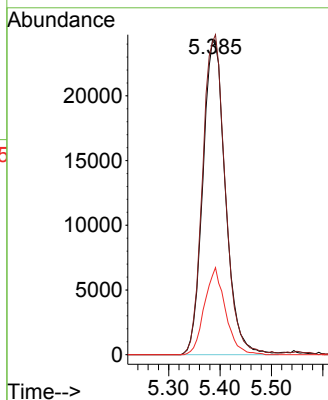
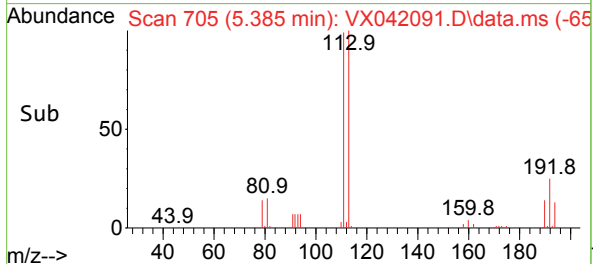


#35
Dibromofluoromethane
Concen: 47.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

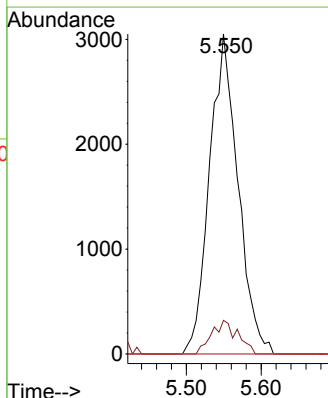
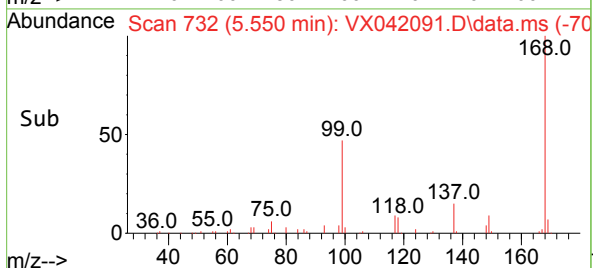
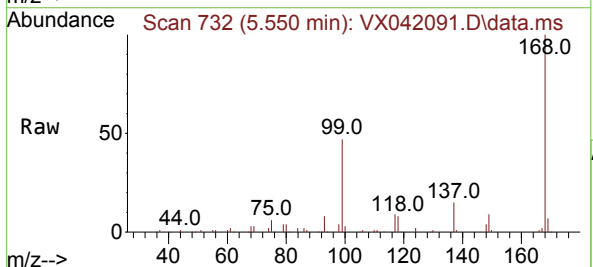


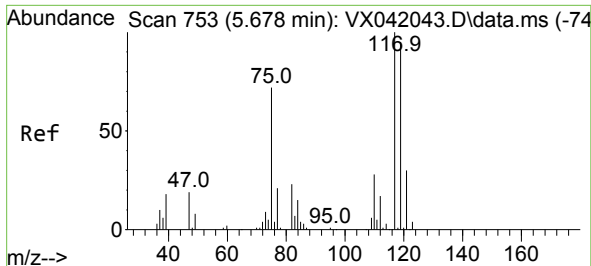
Tgt Ion:113 Resp: 74143
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 25.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

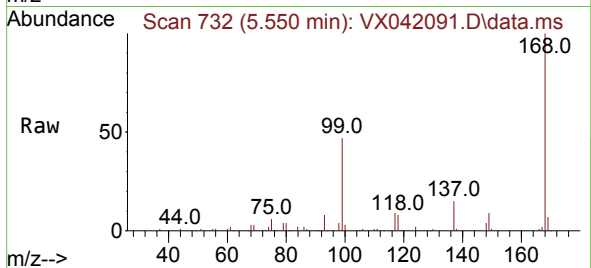
Tgt Ion: 75 Resp: 8074
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



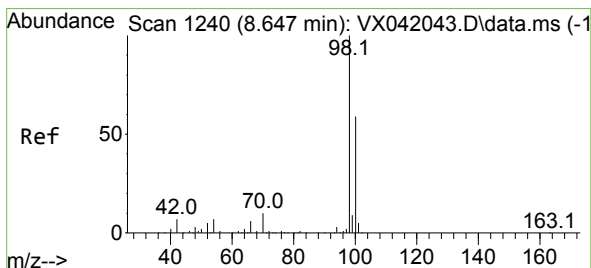
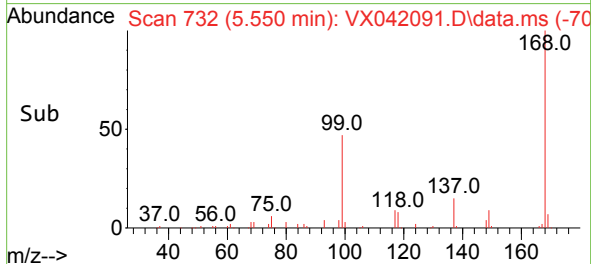
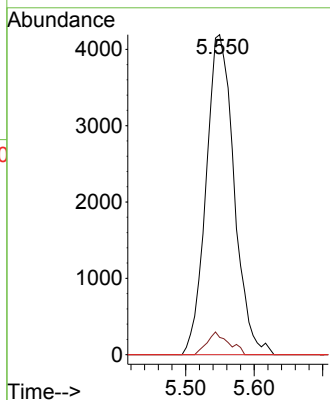


#38
Carbon Tetrachloride
Concen: 6.525 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

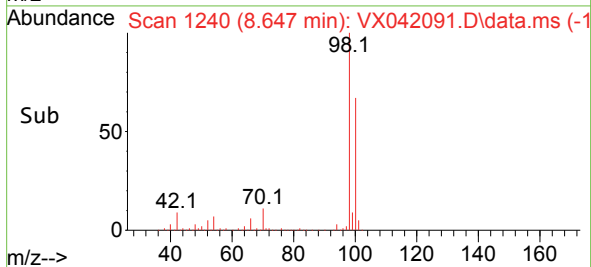
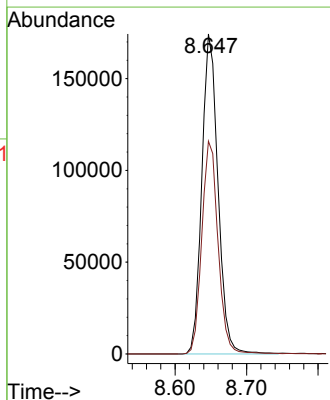
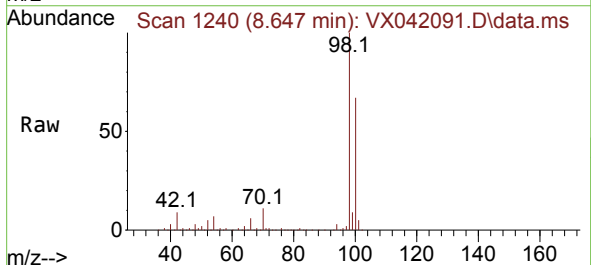


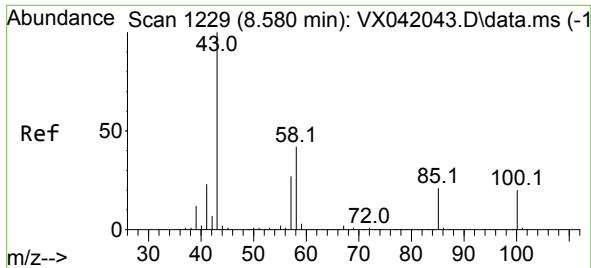
Tgt Ion:117 Resp: 11898
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.981 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

Tgt Ion: 98 Resp: 272902
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7

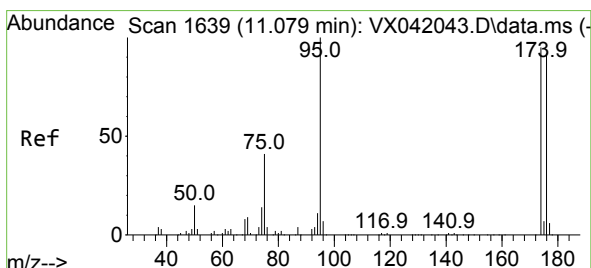
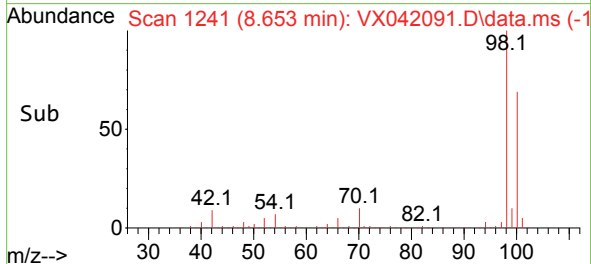
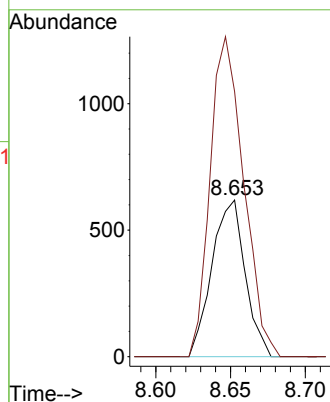
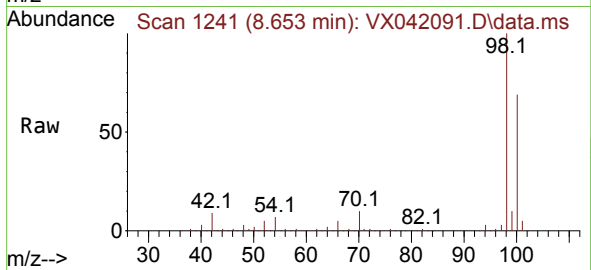




#51
4-Methyl-2-Pentanone
Concen: 0.420 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

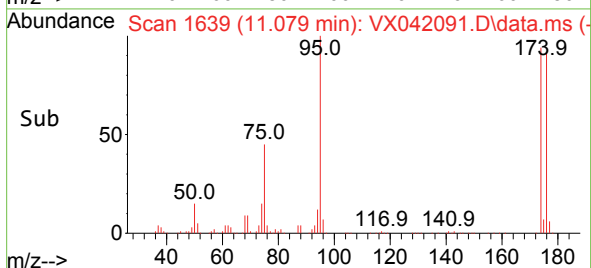
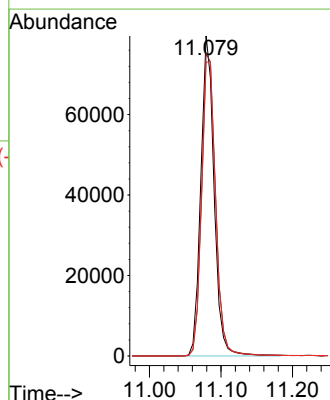
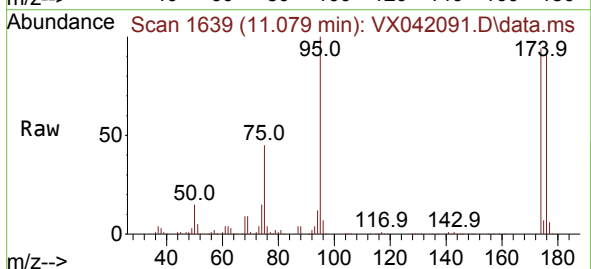
Instrument :
MSVOA_X
ClientSampleId :

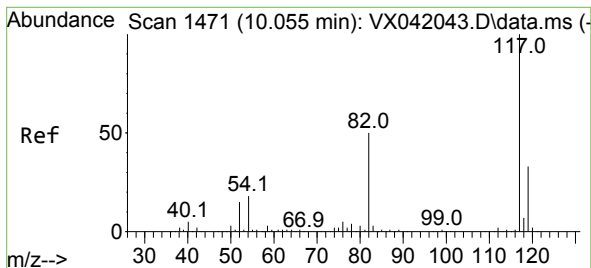
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 206.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

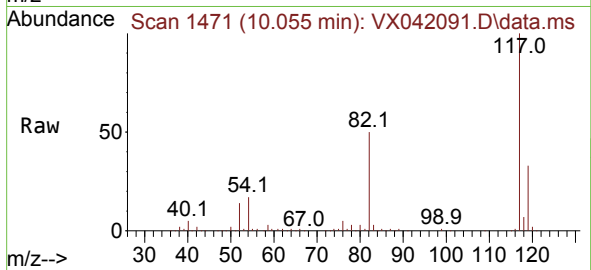
Tgt Ion: 95 Resp: 102499
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 98.0 0.0 131.0



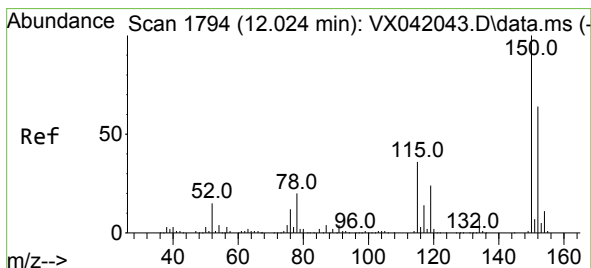
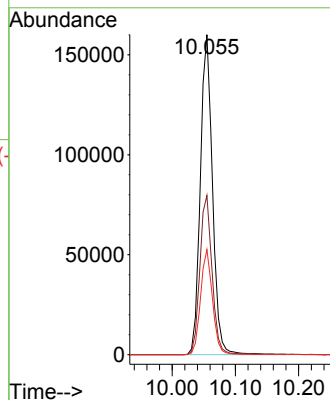
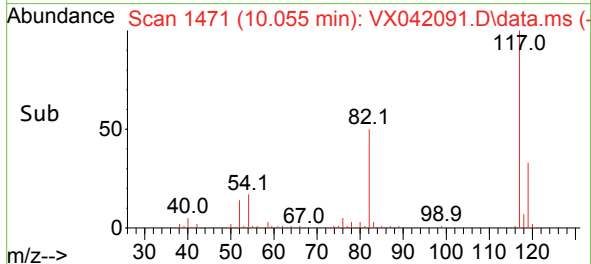


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

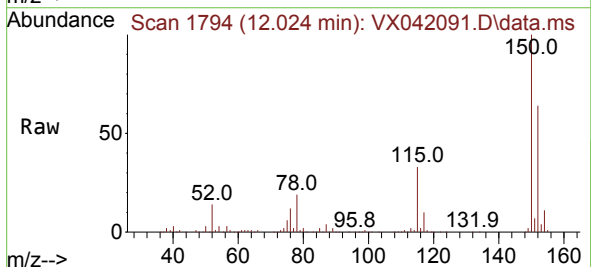
Instrument :
MSVOA_X
ClientSampleId :



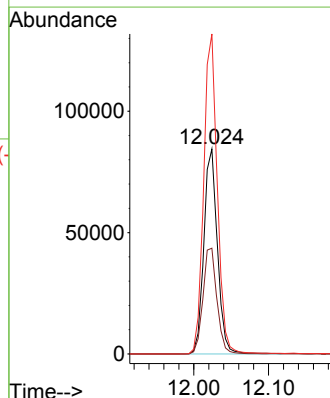
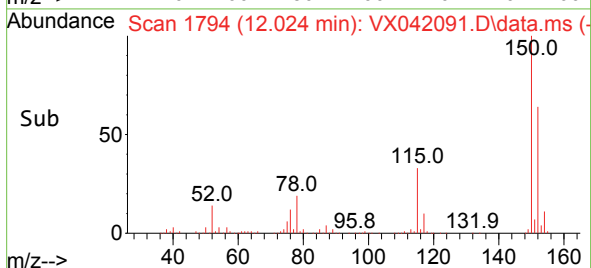
Tgt Ion:117 Resp: 214441
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 32.8 25.5 38.3

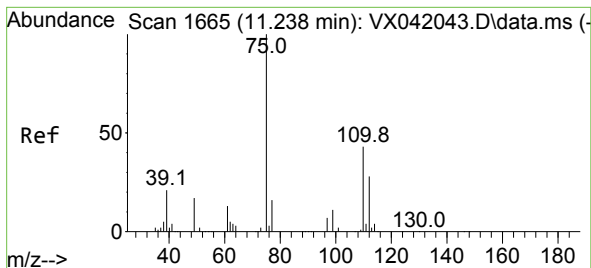


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25



Tgt Ion:152 Resp: 106453
Ion Ratio Lower Upper
152 100
115 53.2 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.650 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

Instrument :

MSVOA_X

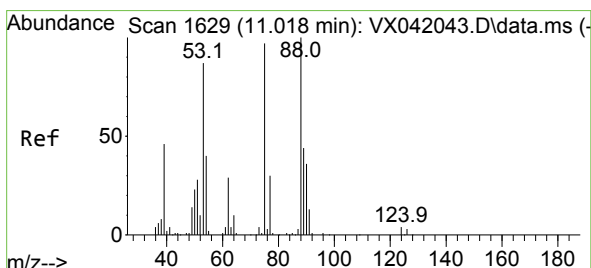
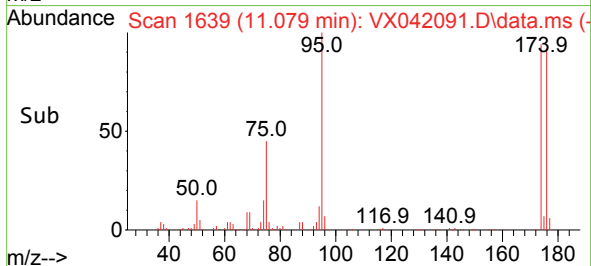
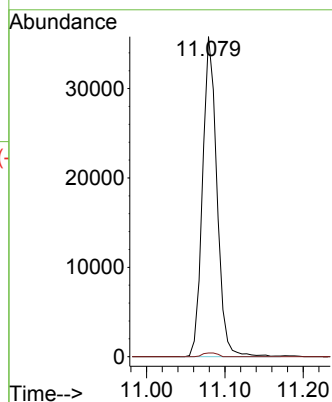
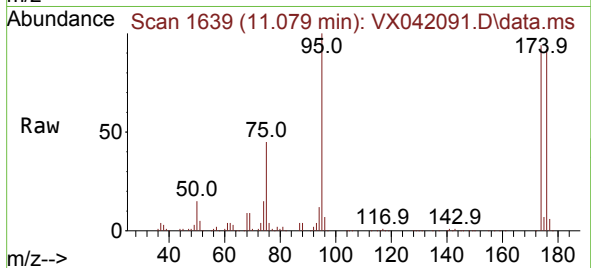
ClientSampleId :

Tgt Ion: 75 Resp: 45704

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.163 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042091.D

Acq: 28 Jun 2024 17:25

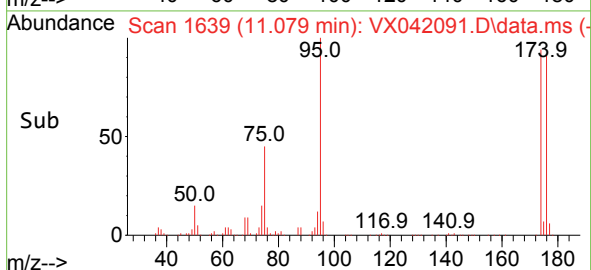
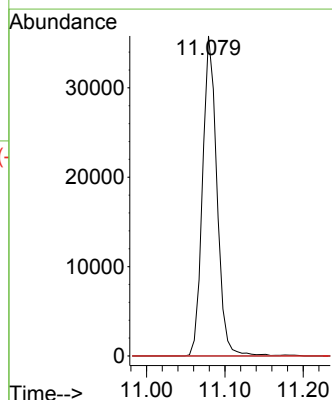
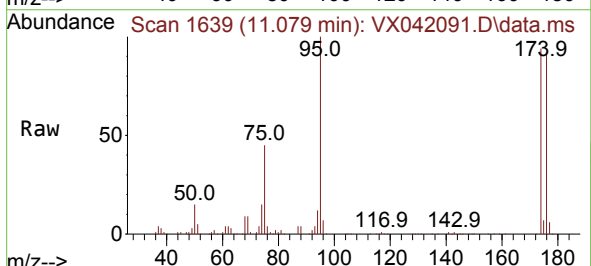
Tgt Ion: 75 Resp: 45704

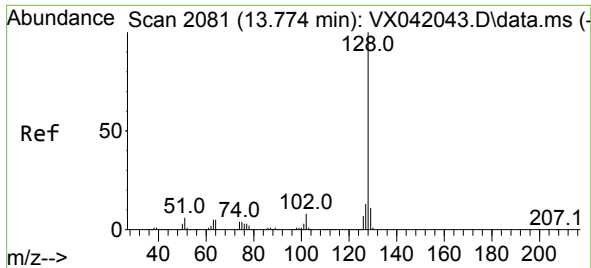
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

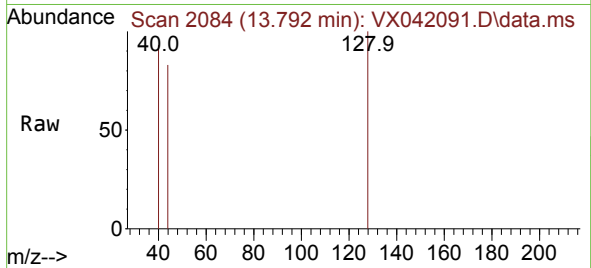
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.808 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042091.D
Acq: 28 Jun 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :



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

