

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039649.D
 Acq On : 05 Jan 2024 15:12
 Operator : JC/MD
 Sample : P1034-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 22:23:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

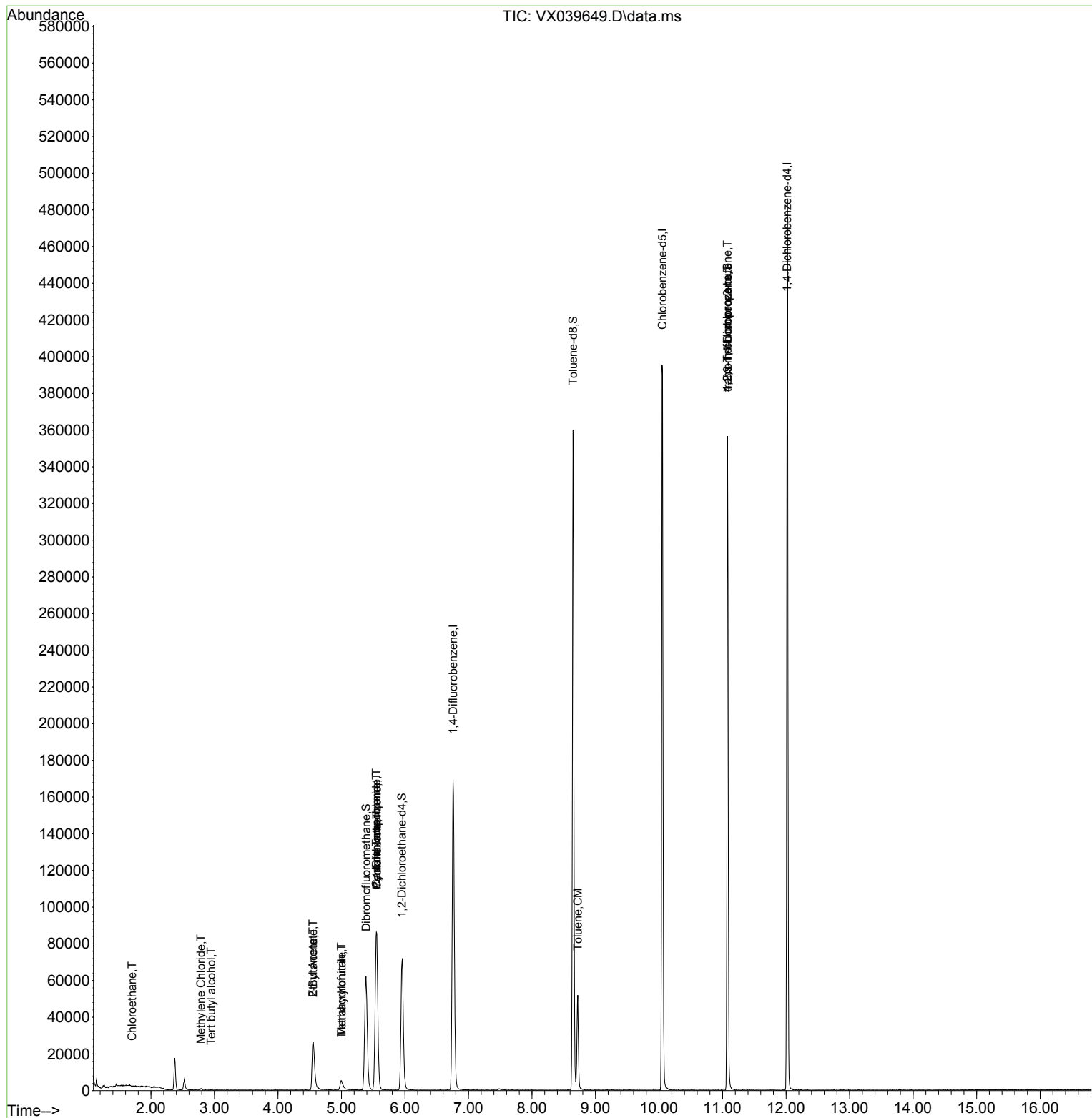
Internal Standards						
1) Pentafluorobenzene	5.556	168	76598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68279	48.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.320%
35) Dibromofluoromethane	5.385	113	53864	47.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.020%
50) Toluene-d8	8.647	98	206701	49.104	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	95466	54.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.940%
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	152	0.227	ug/l #	43
11) Tert butyl alcohol	2.947	59	212	0.602	ug/l #	78
16) Acetone	2.374	43	18648	Below Cal		99
20) Methylene Chloride	2.788	84	369	0.315	ug/l #	66
25) 2-Butanone	4.550	43	49777	41.108	ug/l	99
29) Tetrahydrofuran	5.001	42	168	0.251	ug/l #	1
31) Cyclohexane	5.556	56	2231	1.231	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	7372	4.120	ug/l #	51
37) Ethyl Acetate	4.550	43	49777	22.518	ug/l #	69
38) Carbon Tetrachloride	5.550	117	8243	4.827	ug/l #	15
41) Methacrylonitrile	5.001	41	1364	1.156	ug/l #	36
52) Toluene	8.720	92	18636	6.100	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	52226	22.259	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52226	62.792	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



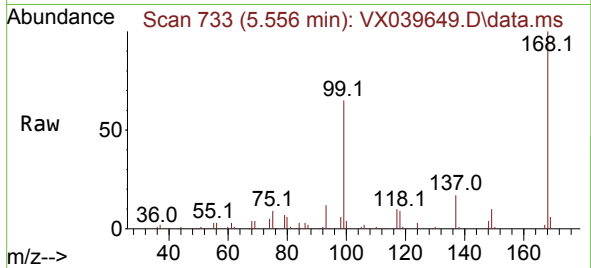


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039649.D
Acq: 05 Jan 2024 15:12

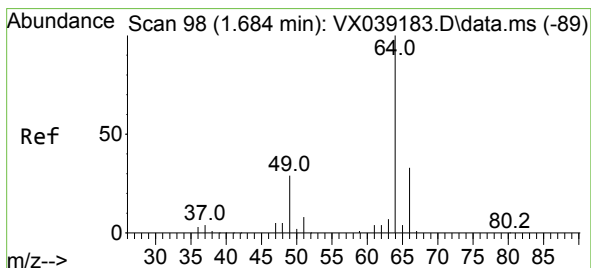
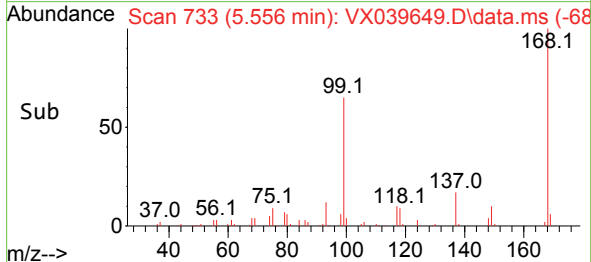
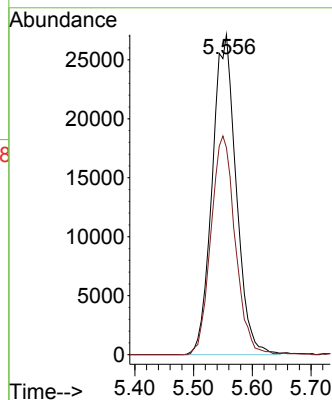
Instrument :

MSVOA_X

ClientSampleId :

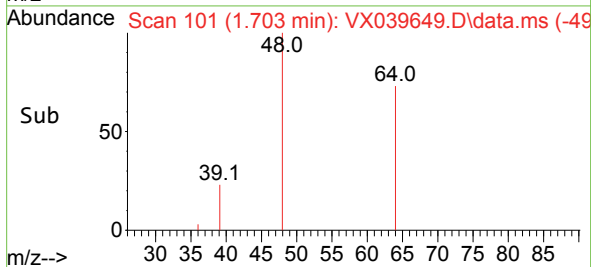
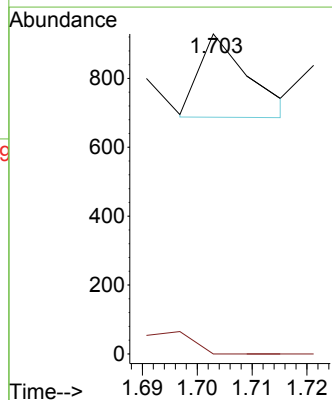
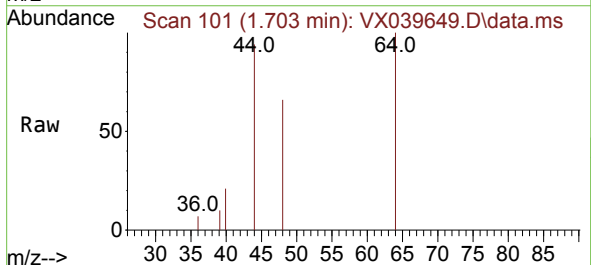


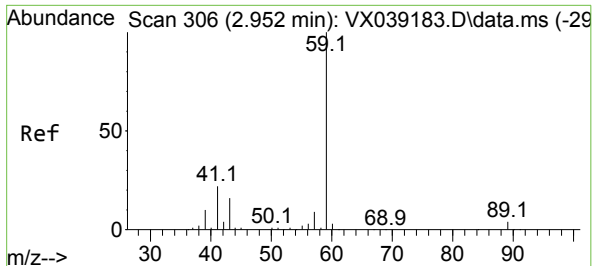
Tgt Ion:168 Resp: 76598
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#6
Chloroethane
Concen: 0.227 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.019 min
Lab File: VX039649.D
Acq: 05 Jan 2024 15:12

Tgt Ion: 64 Resp: 152
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.602 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Instrument :

MSVOA_X

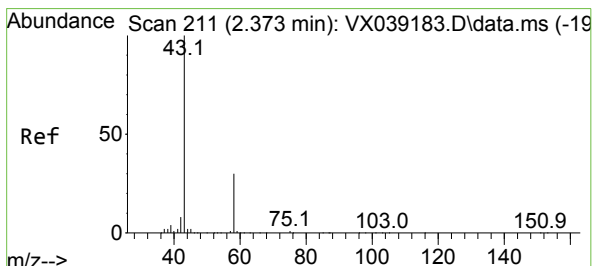
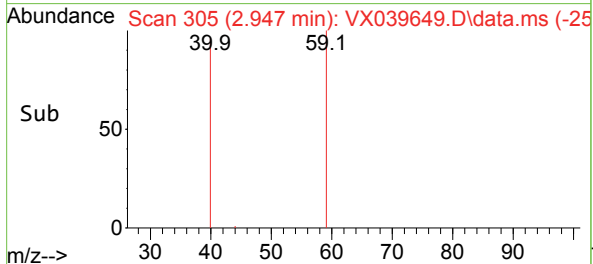
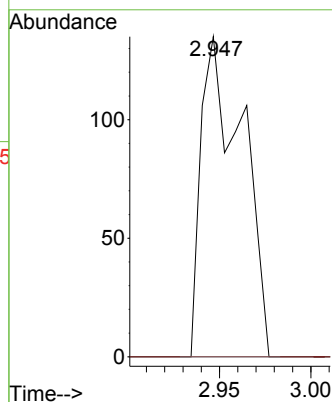
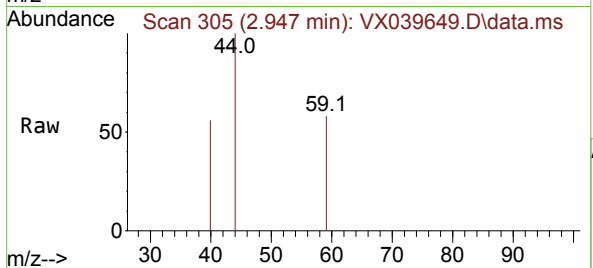
ClientSampleId :

Tgt Ion: 59 Resp: 212

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.374 min Scan# 211

Delta R.T. 0.001 min

Lab File: VX039649.D

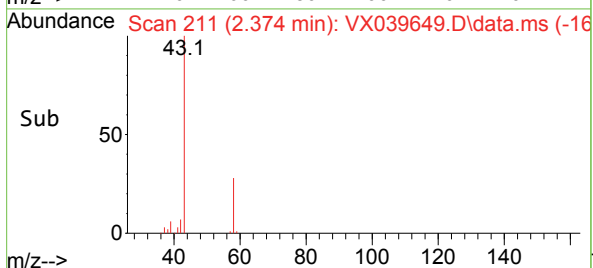
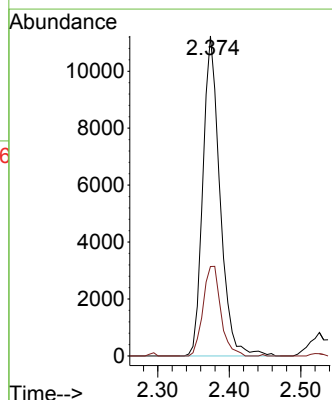
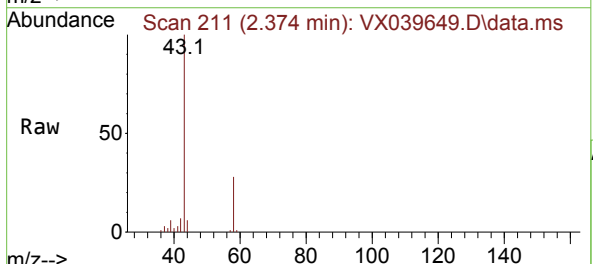
Acq: 05 Jan 2024 15:12

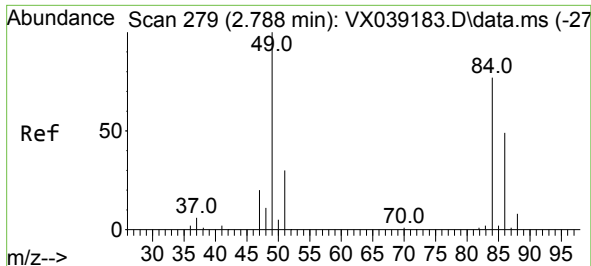
Tgt Ion: 43 Resp: 18648

Ion Ratio Lower Upper

43 100

58 28.0 21.9 32.9





#20

Methylene Chloride

Concen: 0.315 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

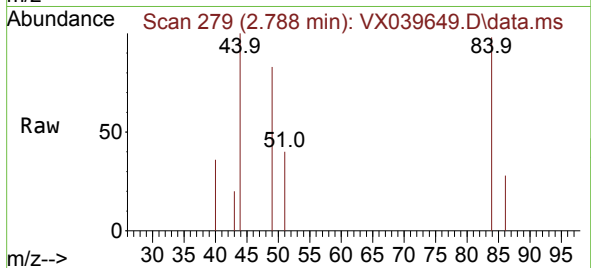
Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 369

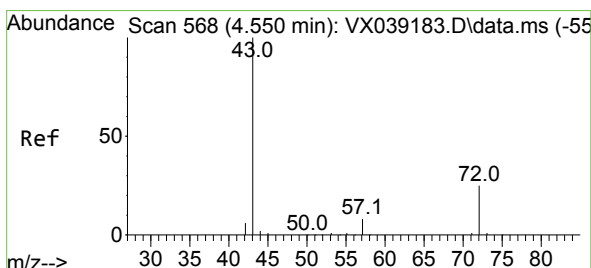
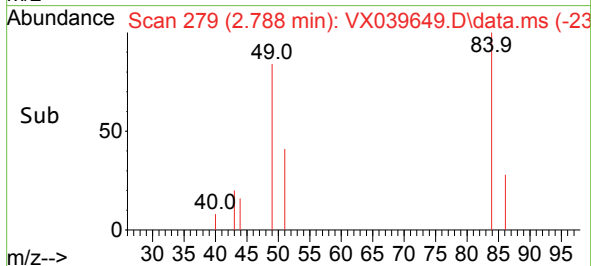
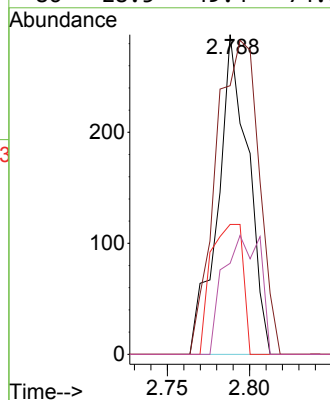
Ion	Ratio	Lower	Upper
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84	100		
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49	84.0	103.6	155.4#
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51	40.6	33.8	50.6
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86	28.5	49.4	74.0#
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#25

2-Butanone

Concen: 41.108 ug/l

RT: 4.550 min Scan# 568

Delta R.T. 0.000 min

Lab File: VX039649.D

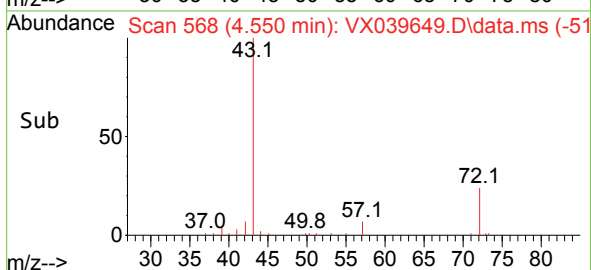
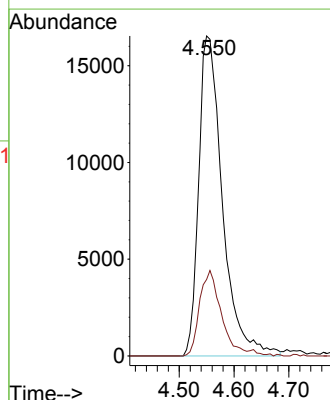
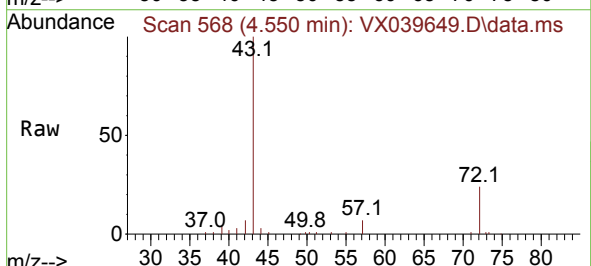
Acq: 05 Jan 2024 15:12

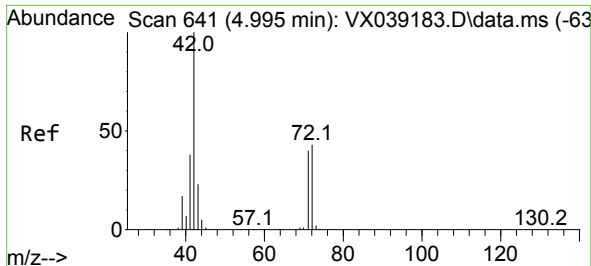
Tgt Ion: 43 Resp: 49777

Ion	Ratio	Lower	Upper
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43	100		
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72	23.9	19.4	29.2
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#29

Tetrahydrofuran

Concen: 0.251 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.006 min

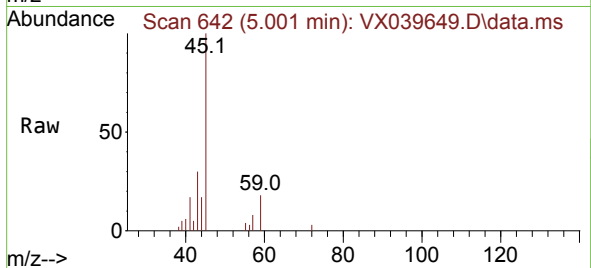
Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Instrument :

MSVOA_X

ClientSampleId :



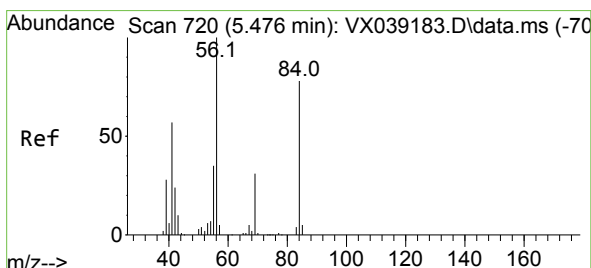
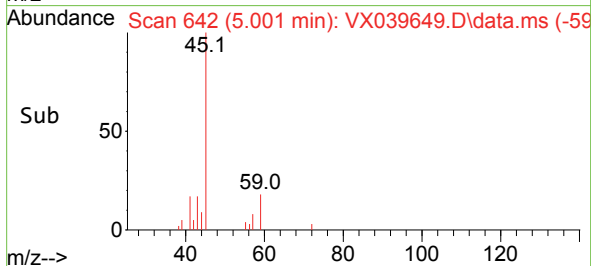
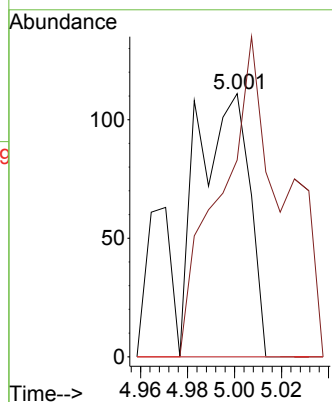
Tgt Ion: 42 Resp: 168

Ion Ratio Lower Upper

42 100

72 148.8 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.231 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

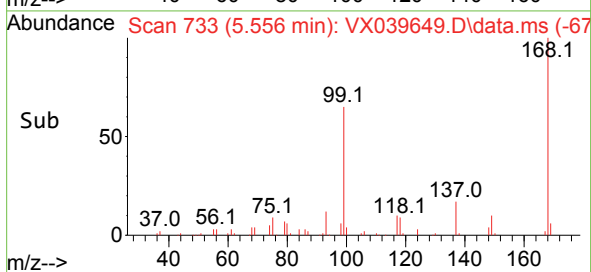
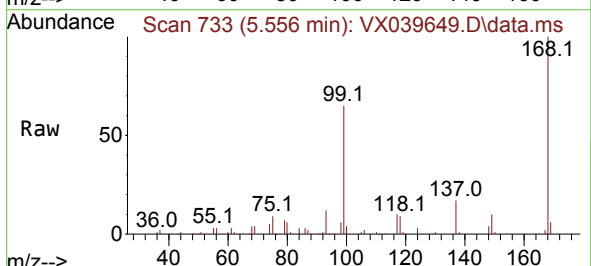
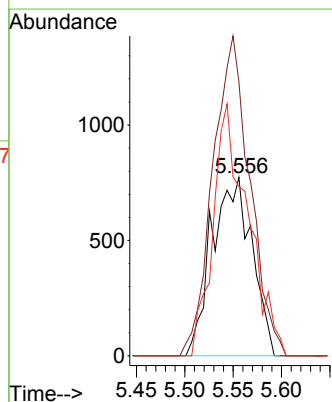
Tgt Ion: 56 Resp: 2231

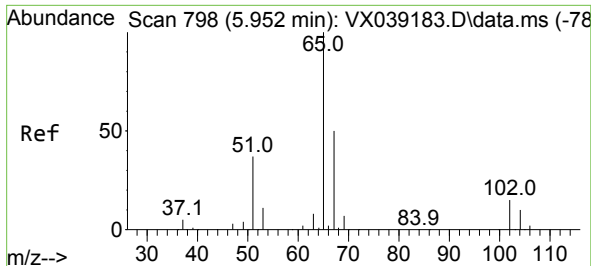
Ion Ratio Lower Upper

56 100

69 153.6 23.4 35.2#

84 95.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 48.659 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Instrument :

MSVOA_X

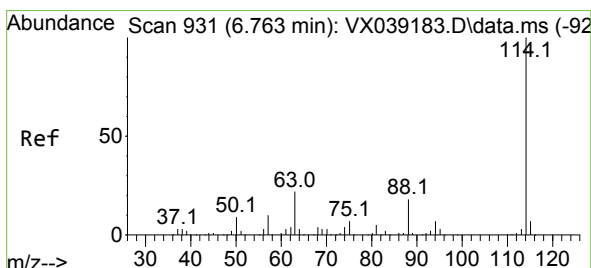
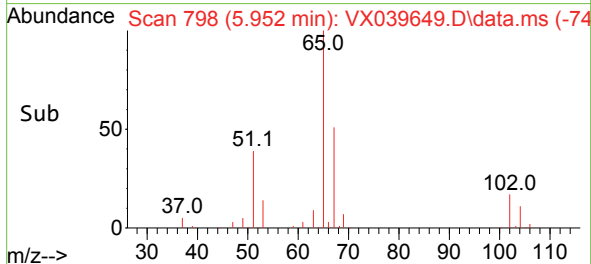
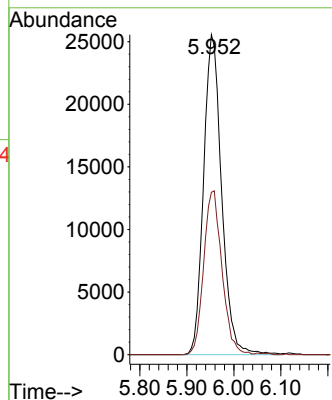
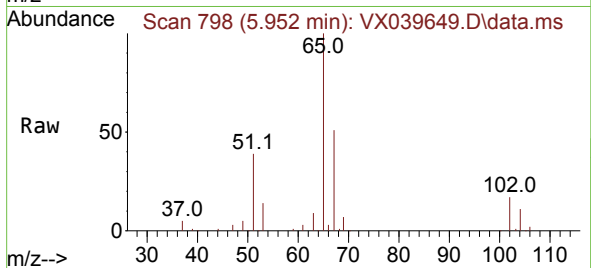
ClientSampleId :

Tgt Ion: 65 Resp: 68279

Ion Ratio Lower Upper

65 100

67 51.8 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: VX039649.D

Acq: 05 Jan 2024 15:12

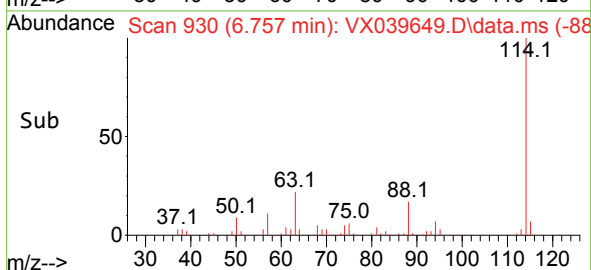
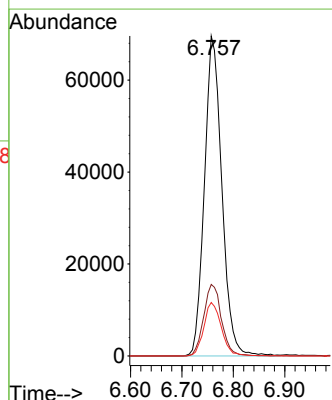
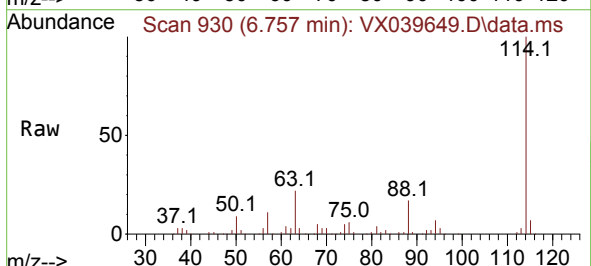
Tgt Ion: 114 Resp: 164125

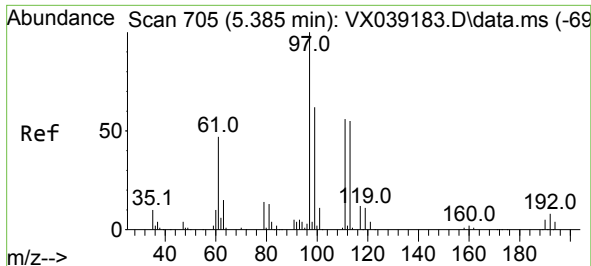
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

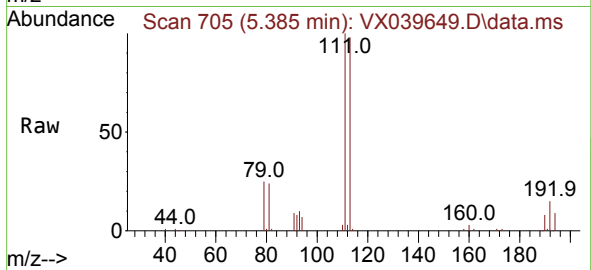
88 16.7 0.0 36.6



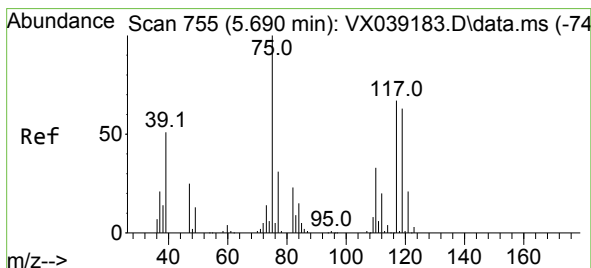
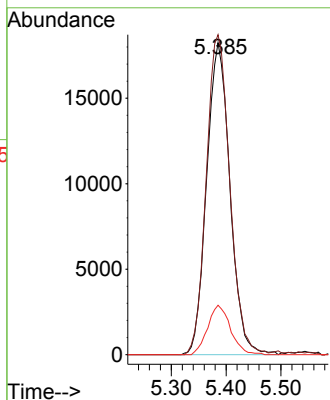
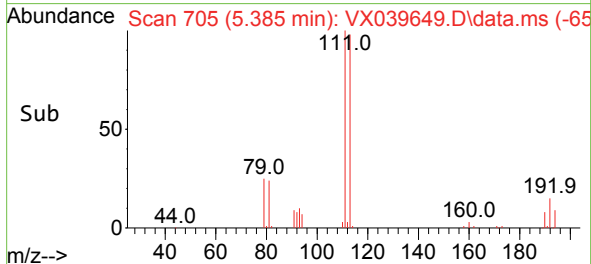


#35
 Dibromofluoromethane
 Concen: 47.505 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX039649.D
 Acq: 05 Jan 2024 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

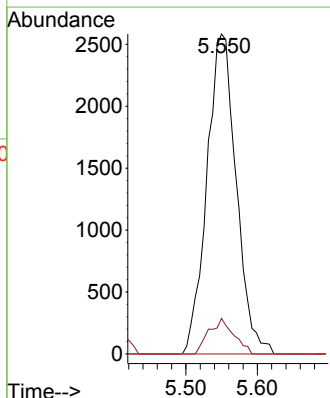
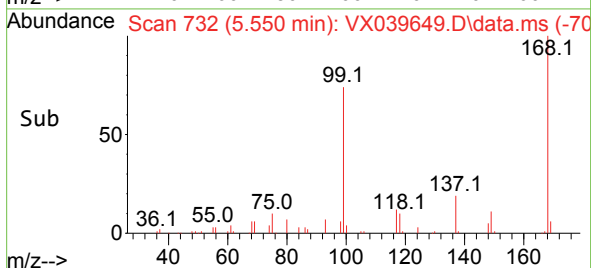
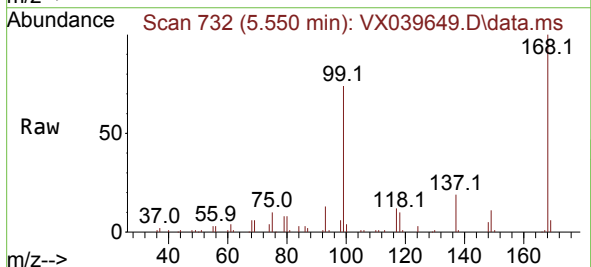


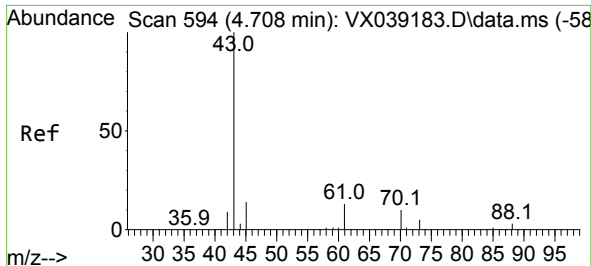
Tgt Ion:113 Resp: 53864
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 15.6 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.120 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX039649.D
 Acq: 05 Jan 2024 15:12

Tgt Ion: 75 Resp: 7372
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.0 50.9#
 77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 22.518 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.158 min

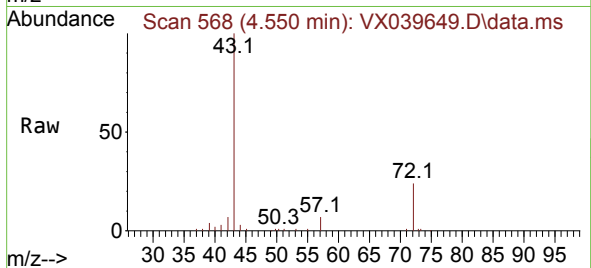
Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Instrument :

MSVOA_X

ClientSampleId :



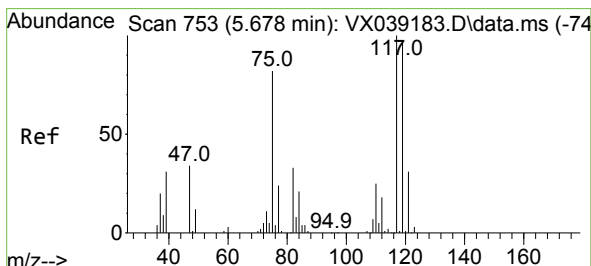
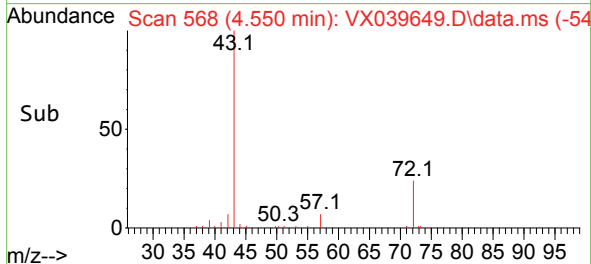
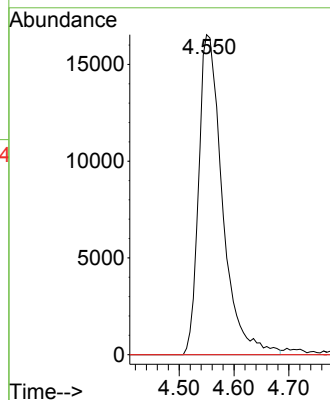
Tgt Ion: 43 Resp: 49777

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 4.827 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

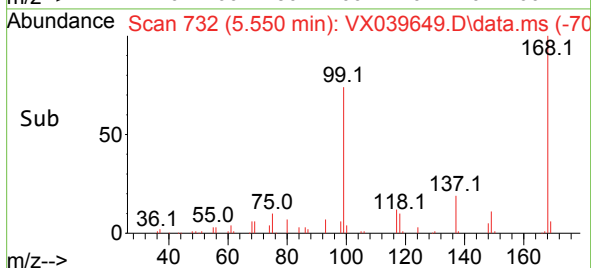
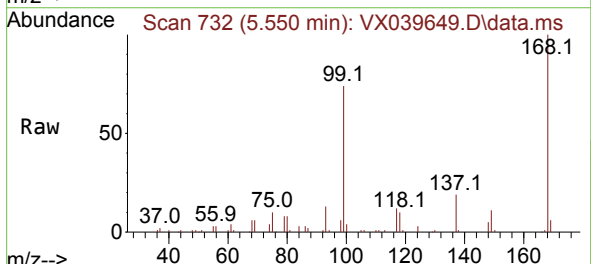
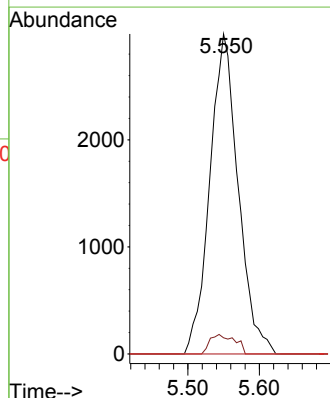
Tgt Ion: 117 Resp: 8243

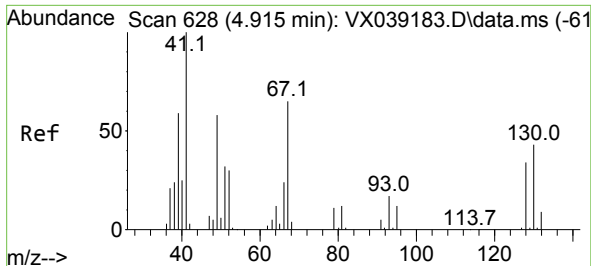
Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

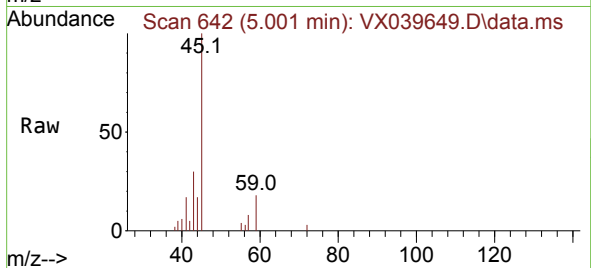
121 0.0 24.4 36.6#



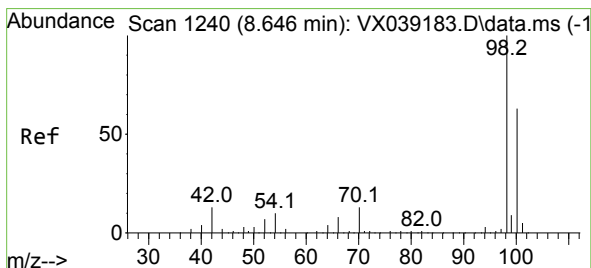
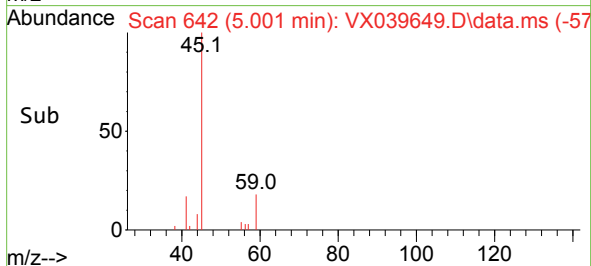
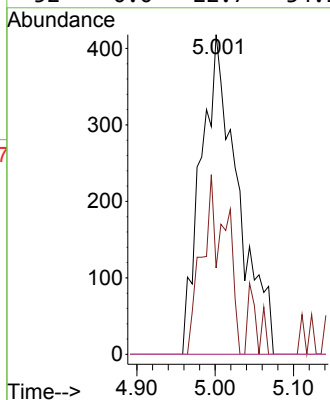


#41
Methacrylonitrile
Concen: 1.156 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.086 min
Lab File: VX039649.D
Acq: 05 Jan 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

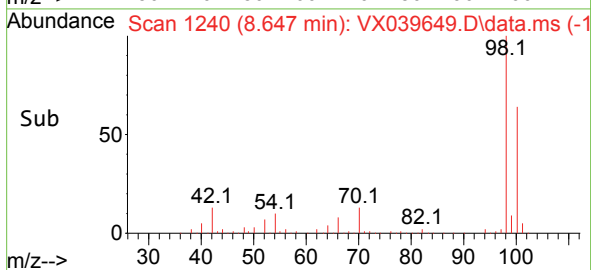
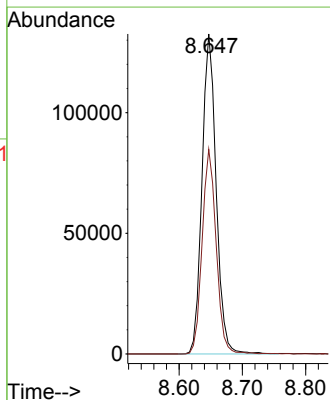
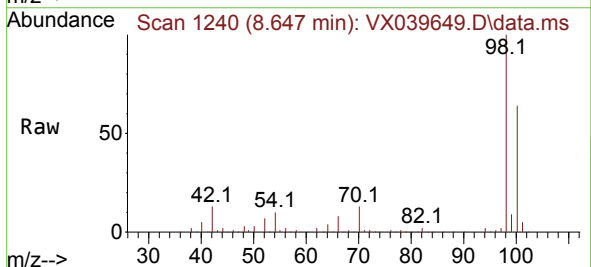


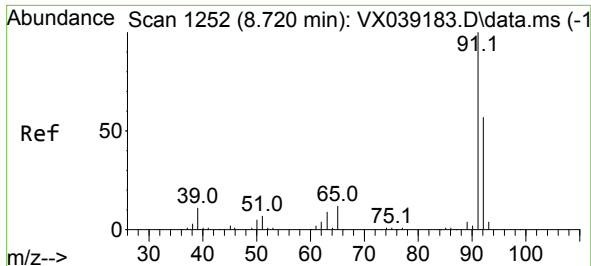
Tgt Ion: 41 Resp: 1364
Ion Ratio Lower Upper
41 100
39 21.0 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#50
Toluene-d8
Concen: 49.104 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039649.D
Acq: 05 Jan 2024 15:12

Tgt Ion: 98 Resp: 206701
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

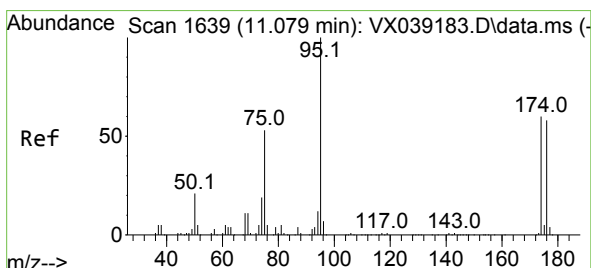
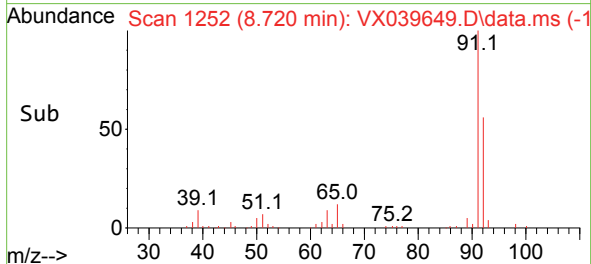
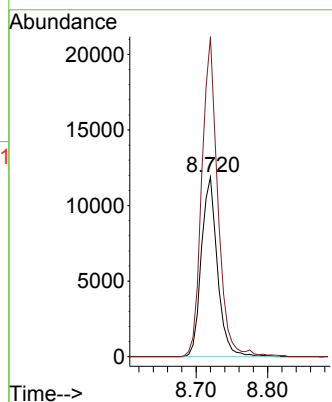
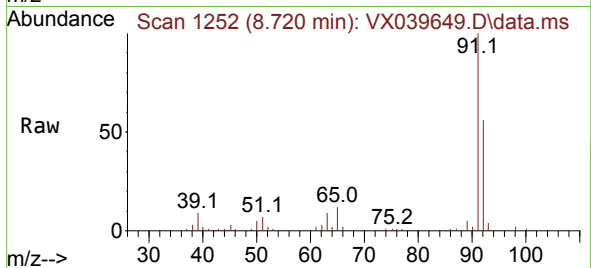




#52
Toluene
Concen: 6.100 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039649.D
Acq: 05 Jan 2024 15:12

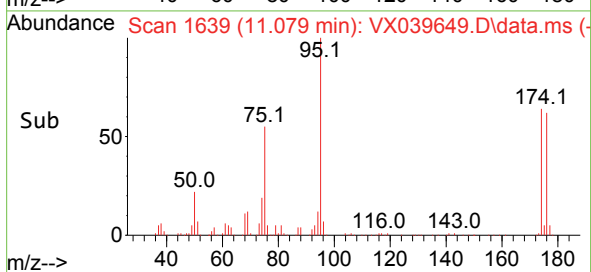
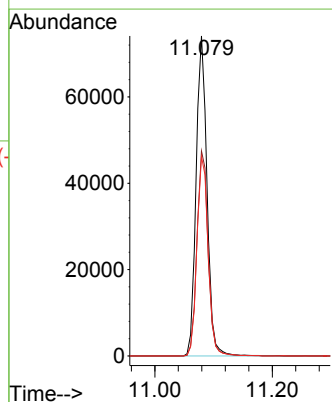
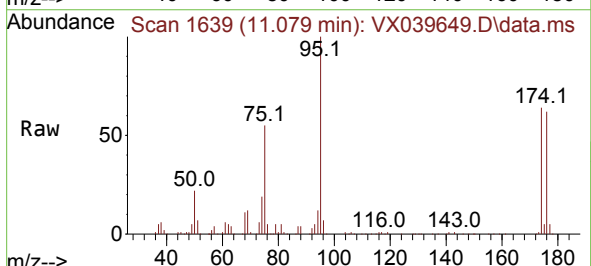
Instrument :
MSVOA_X
ClientSampleId :

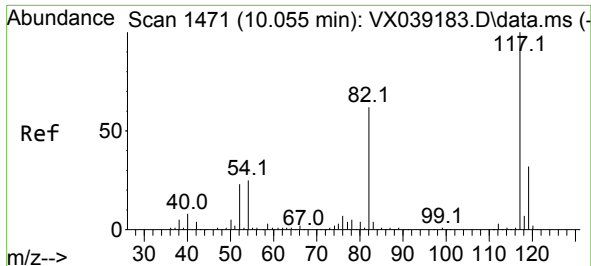
Tgt Ion: 92 Resp: 18636
Ion Ratio Lower Upper
92 100
91 177.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 54.966 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039649.D
Acq: 05 Jan 2024 15:12

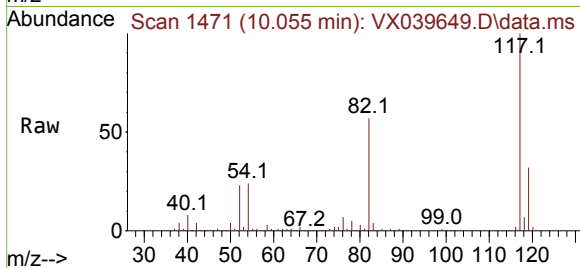
Tgt Ion: 95 Resp: 95466
Ion Ratio Lower Upper
95 100
174 65.7 0.0 135.6
176 64.3 0.0 131.0



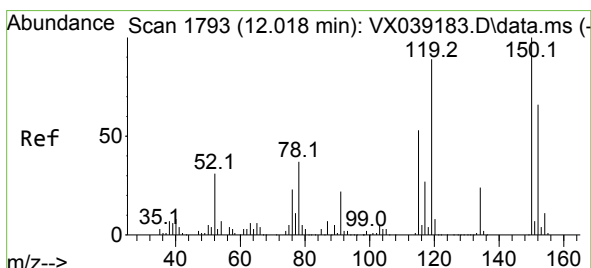
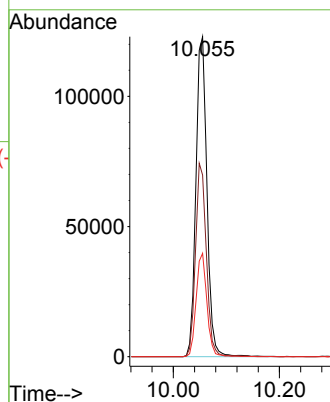
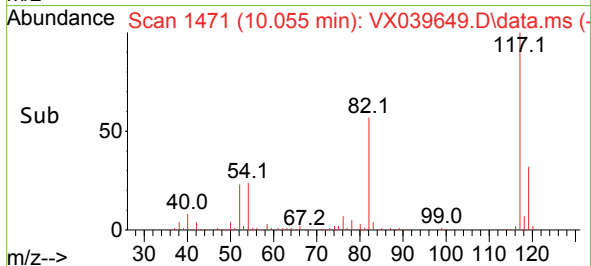


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039649.D
Acq: 05 Jan 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

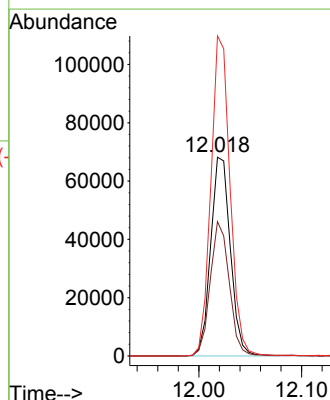
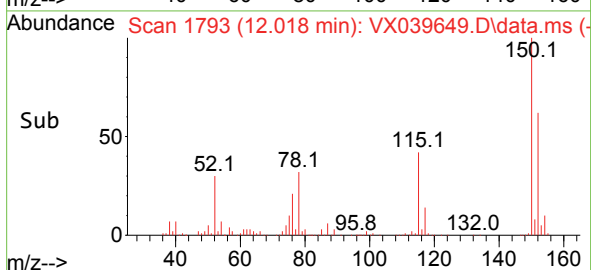
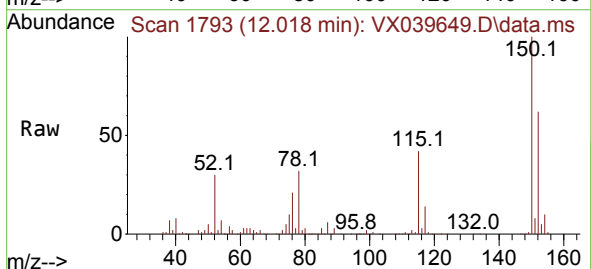


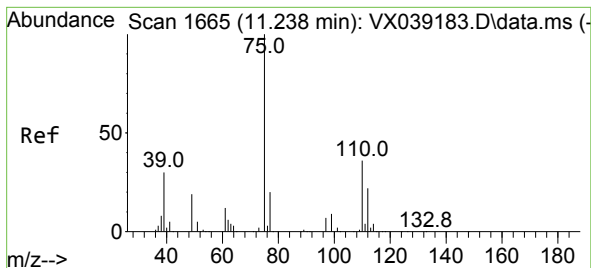
Tgt Ion:117 Resp: 176587
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039649.D
Acq: 05 Jan 2024 15:12

Tgt Ion:152 Resp: 90690
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.259 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Instrument :

MSVOA_X

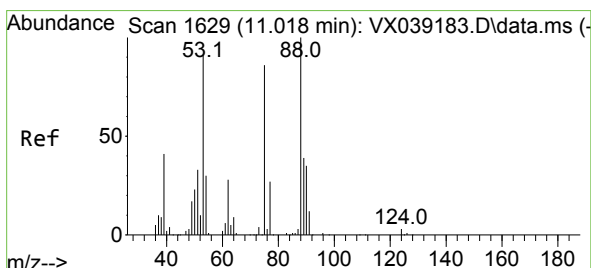
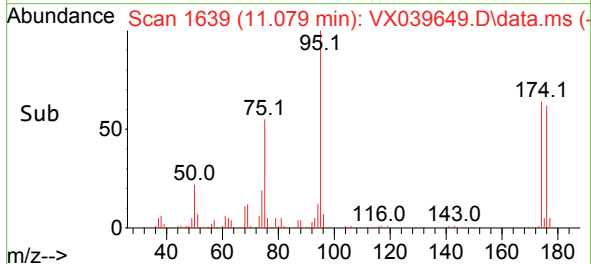
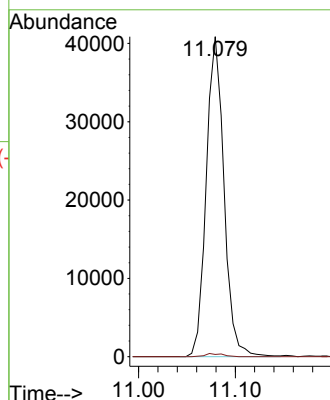
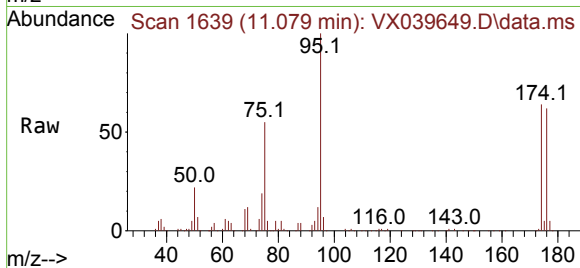
ClientSampleId :

Tgt Ion: 75 Resp: 52226

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.792 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Tgt Ion: 75 Resp: 52226

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

