

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042935.D
 Acq On : 08 Aug 2024 01:05
 Operator : JC/MD
 Sample : P3393-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 04:05:42 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)

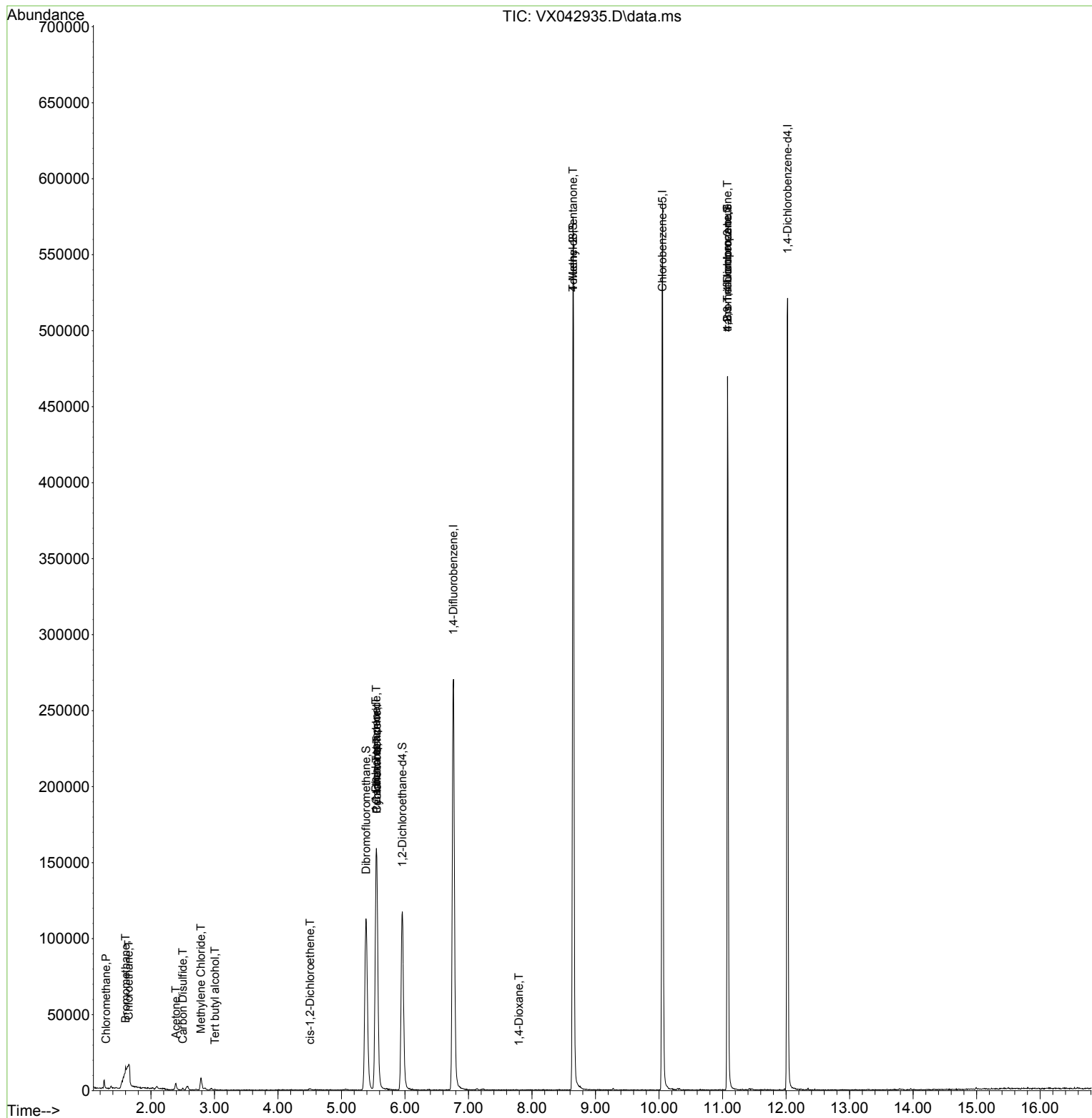
Internal Standards						
1) Pentafluorobenzene	5.556	168	156179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121852	56.833	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.660%			
35) Dibromofluoromethane	5.385	113	101939	54.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.480%			
50) Toluene-d8	8.647	98	351138	52.627	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.260%			
62) 4-Bromofluorobenzene	11.079	95	126496	52.759	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.520%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	478	0.261	ug/l #	72
5) Bromomethane	1.599	94	588	0.558	ug/l #	64
6) Chloroethane	1.648	64	458	0.462	ug/l	90
11) Tert butyl alcohol	3.008	59	472	1.107	ug/l #	83
16) Acetone	2.392	43	4857	5.223	ug/l #	88
17) Carbon Disulfide	2.502	76	948	0.226	ug/l #	76
20) Methylene Chloride	2.788	84	4378	1.371	ug/l	95
27) cis-1,2-Dichloroethene	4.507	96	463	0.225	ug/l	80
31) Cyclohexane	5.556	56	3102	1.156	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	11840	4.646	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16243	5.647	ug/l #	15
49) 1,4-Dioxane	7.793	88	24	0.478	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	1568	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	65284	24.907	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65284	80.984	ug/l #	5

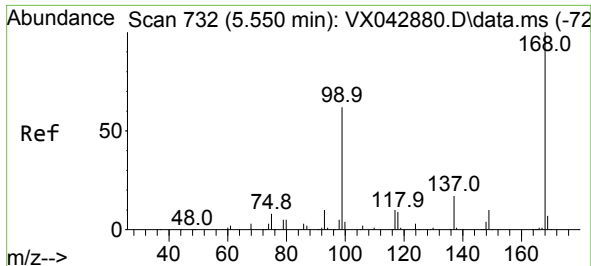
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

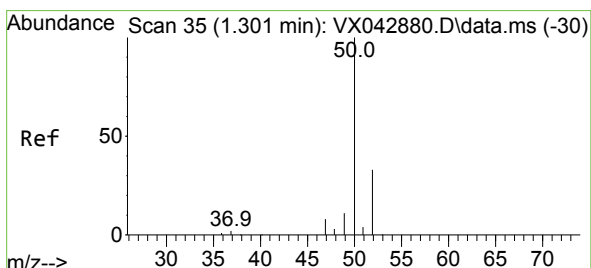
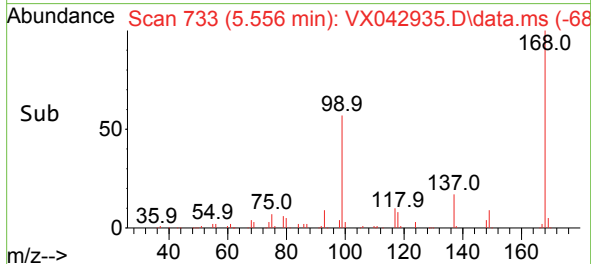
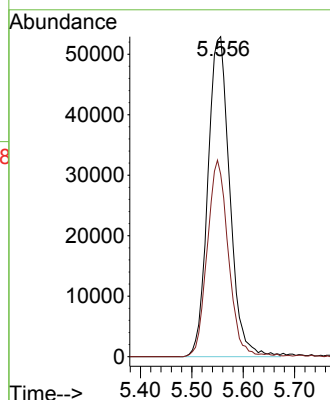
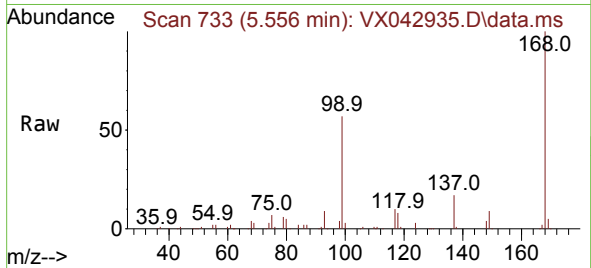




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

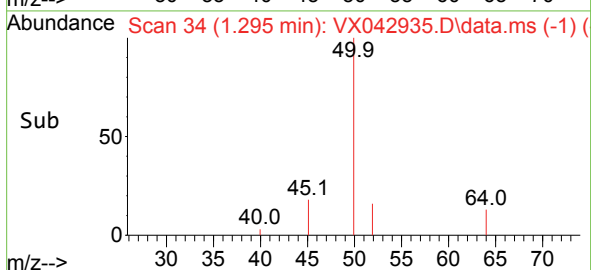
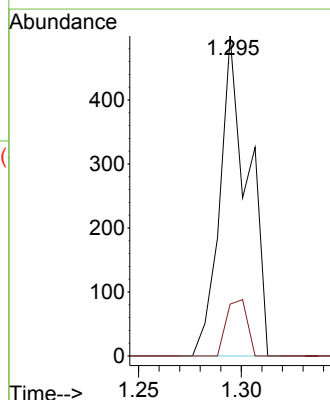
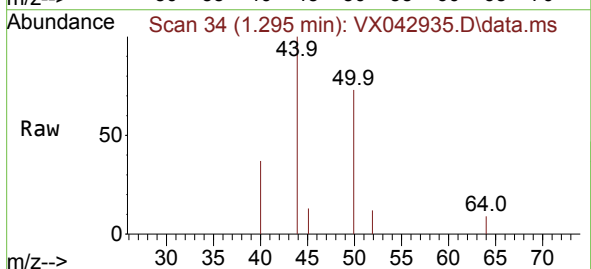
Instrument :
MSVOA_X
ClientSampleId :

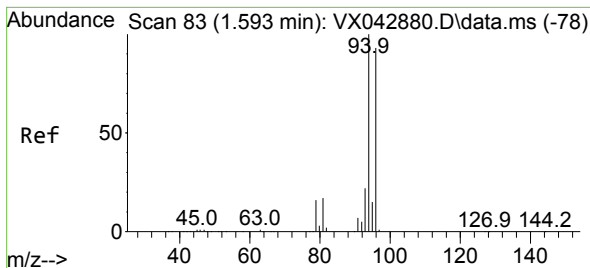
Tgt Ion:168 Resp: 156179
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

Tgt Ion: 50 Resp: 478
Ion Ratio Lower Upper
50 100
52 16.2 25.5 38.3#





#5

Bromomethane

Concen: 0.558 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042935.D

Acq: 08 Aug 2024 01:05

Instrument :

MSVOA_X

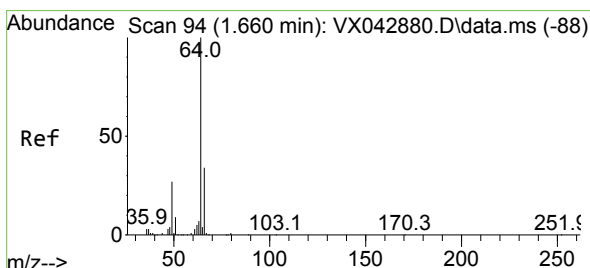
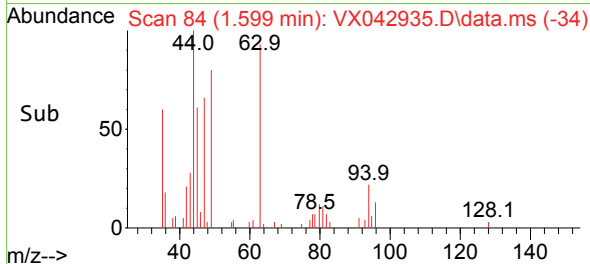
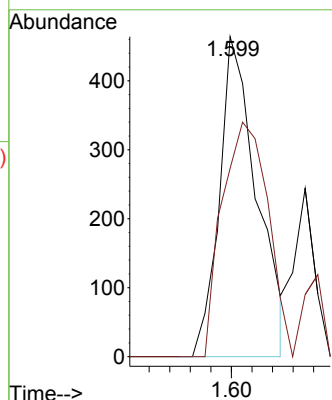
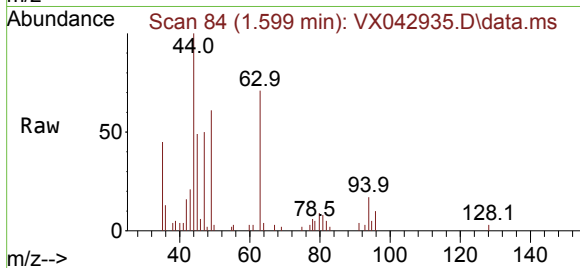
ClientSampleId :

Tgt Ion: 94 Resp: 588

Ion Ratio Lower Upper

94 100

96 58.8 74.6 111.8#



#6

Chloroethane

Concen: 0.462 ug/l

RT: 1.648 min Scan# 92

Delta R.T. -0.012 min

Lab File: VX042935.D

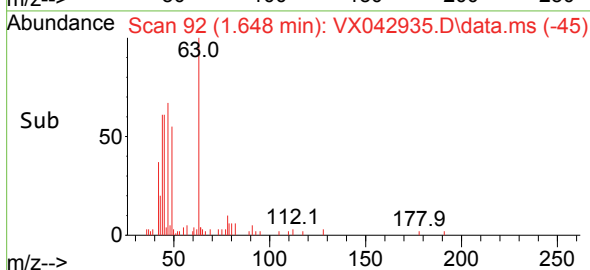
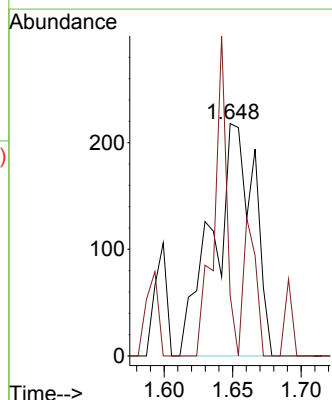
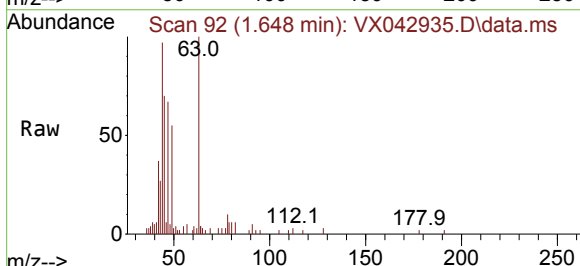
Acq: 08 Aug 2024 01:05

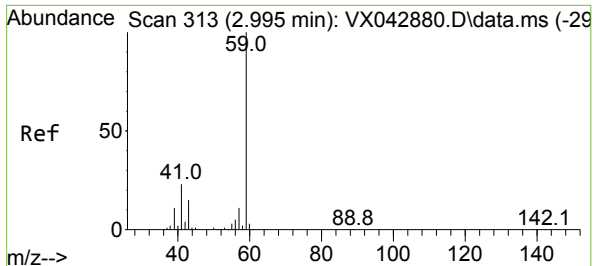
Tgt Ion: 64 Resp: 458

Ion Ratio Lower Upper

64 100

66 26.1 25.1 37.7





#11

Tert butyl alcohol

Concen: 1.107 ug/l

RT: 3.008 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX042935.D

Acq: 08 Aug 2024 01:05

Instrument :

MSVOA_X

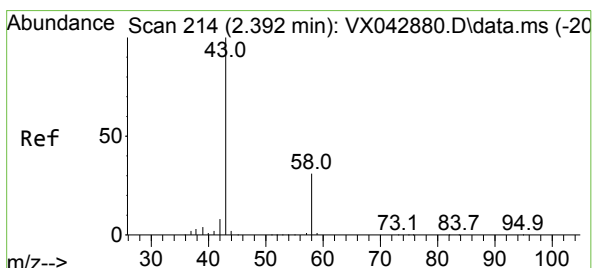
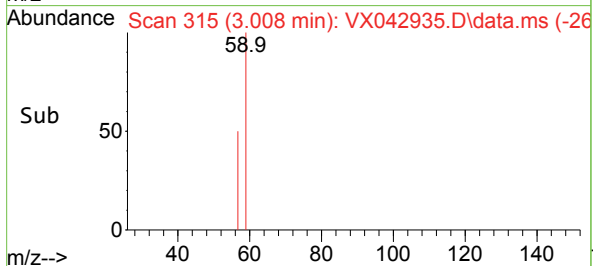
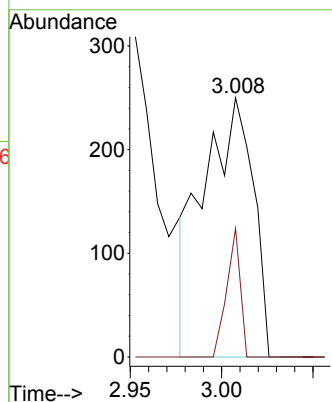
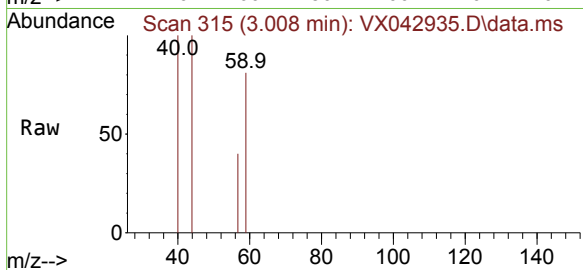
ClientSampleId :

Tgt Ion: 59 Resp: 472

Ion Ratio Lower Upper

59 100

57 13.6 6.0 9.0#



#16

Acetone

Concen: 5.223 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042935.D

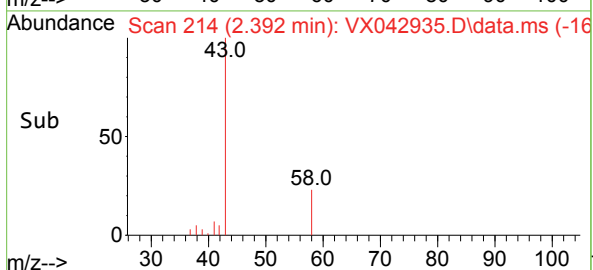
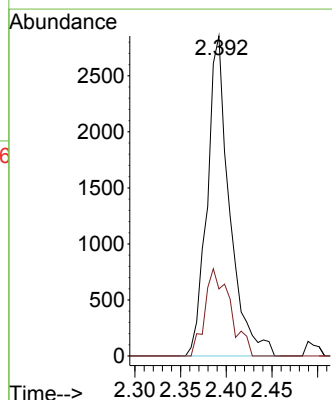
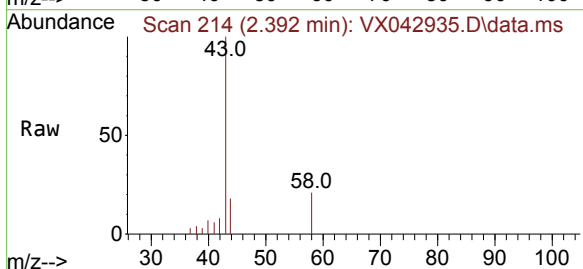
Acq: 08 Aug 2024 01:05

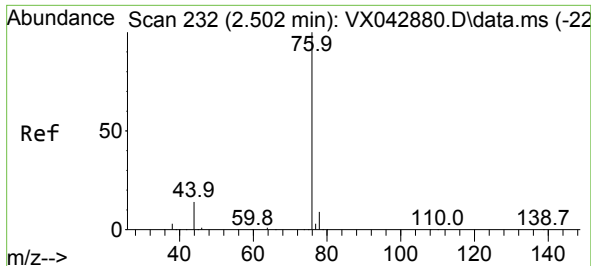
Tgt Ion: 43 Resp: 4857

Ion Ratio Lower Upper

43 100

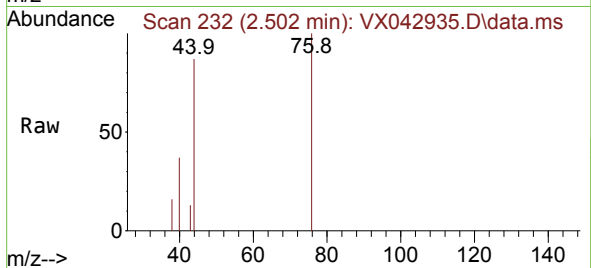
58 20.9 21.9 32.9#



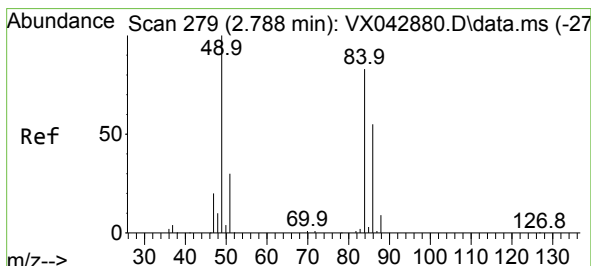
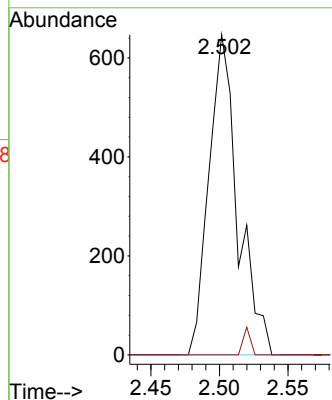
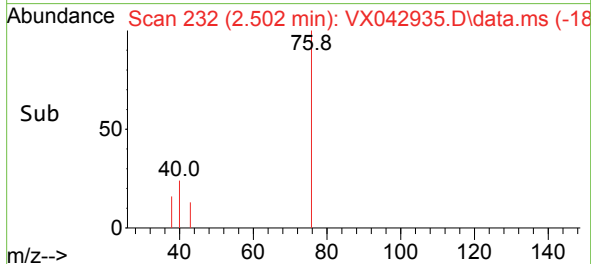


#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

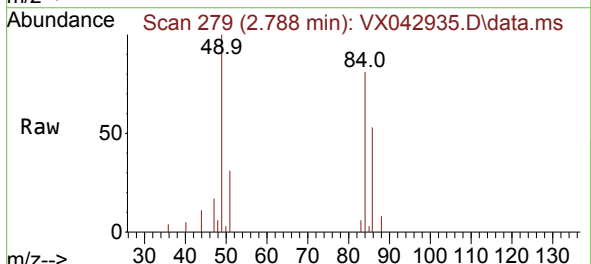
Instrument :
MSVOA_X
ClientSampleId :



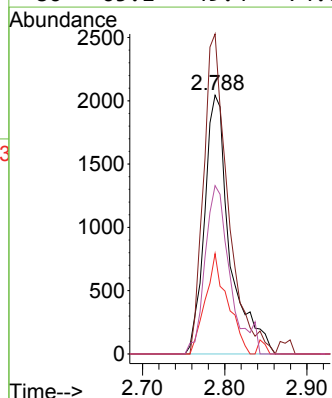
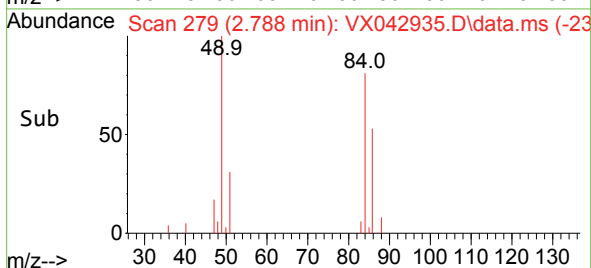
Tgt Ion: 76 Resp: 948
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

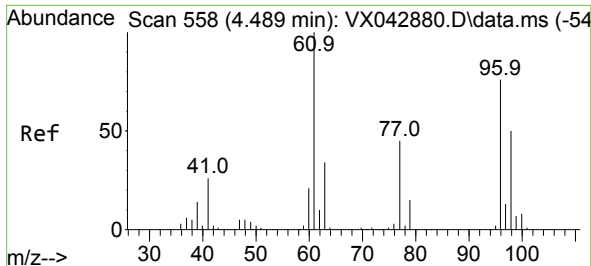


#20
Methylene Chloride
Concen: 1.371 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05



Tgt Ion: 84 Resp: 4378
Ion Ratio Lower Upper
84 100
49 123.7 103.6 155.4
51 38.7 33.8 50.6
86 65.1 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.225 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.018 min

Lab File: VX042935.D

Acq: 08 Aug 2024 01:05

Instrument :

MSVOA_X

ClientSampleId :

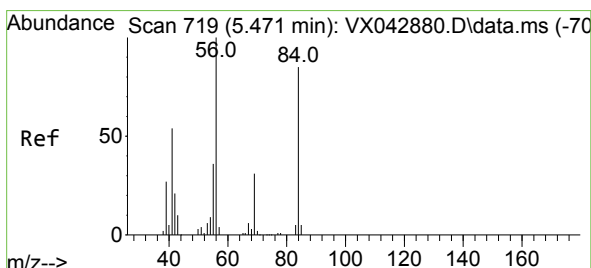
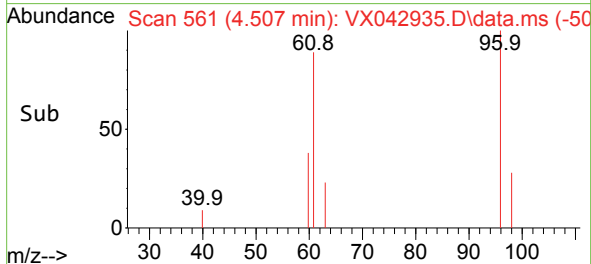
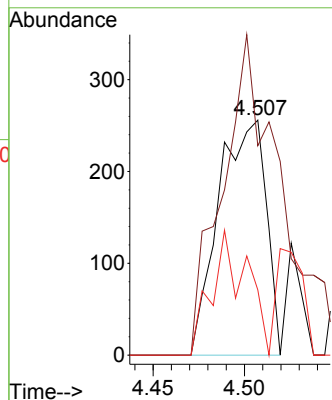
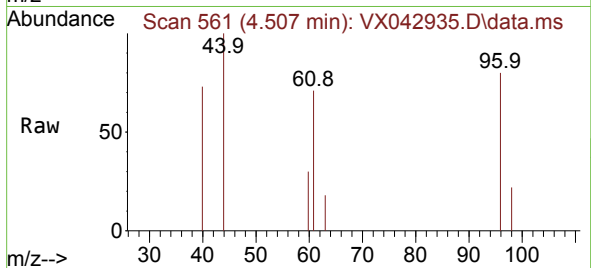
Tgt Ion: 96 Resp: 463

Ion Ratio Lower Upper

96 100

61 166.5 0.0 312.2

98 25.1 0.0 129.0



#31

Cyclohexane

Concen: 1.156 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX042935.D

Acq: 08 Aug 2024 01:05

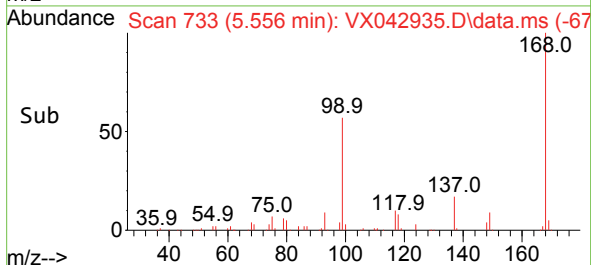
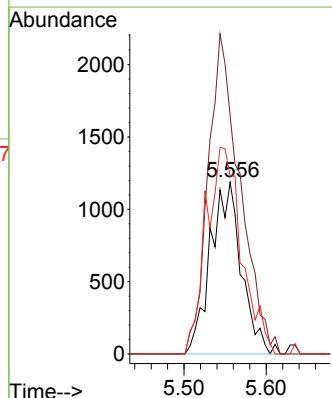
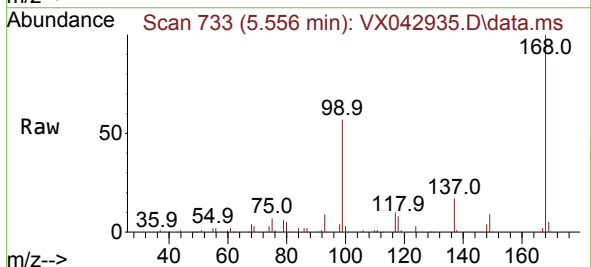
Tgt Ion: 56 Resp: 3102

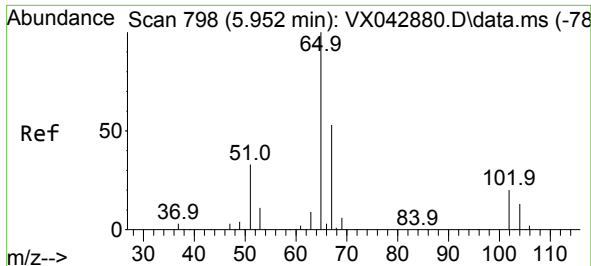
Ion Ratio Lower Upper

56 100

69 139.0 23.4 35.2#

84 103.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 56.833 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042935.D

Acq: 08 Aug 2024 01:05

Instrument :

MSVOA_X

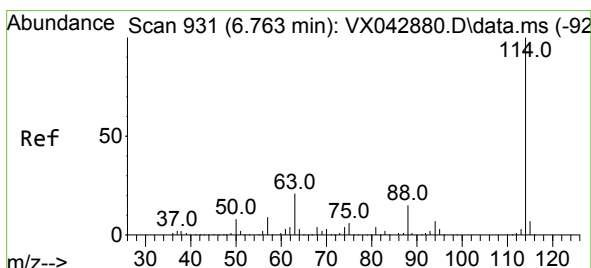
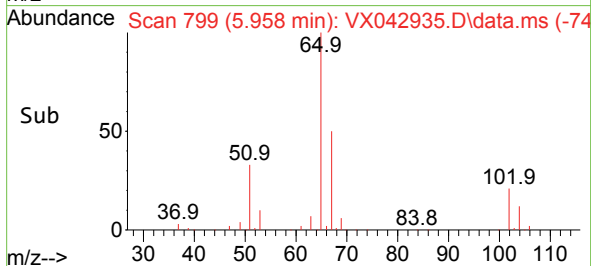
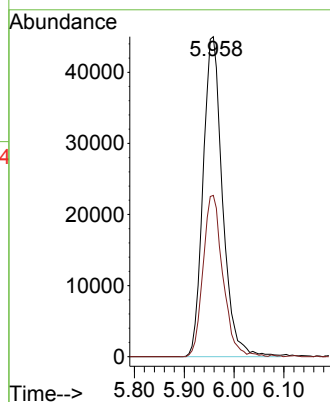
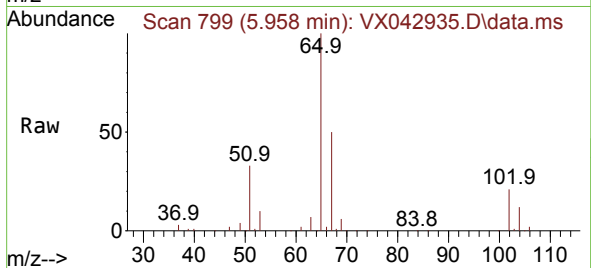
ClientSampleId :

Tgt Ion: 65 Resp: 121852

Ion Ratio Lower Upper

65 100

67 51.4 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: VX042935.D

Acq: 08 Aug 2024 01:05

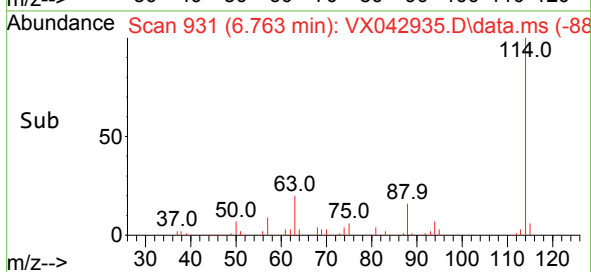
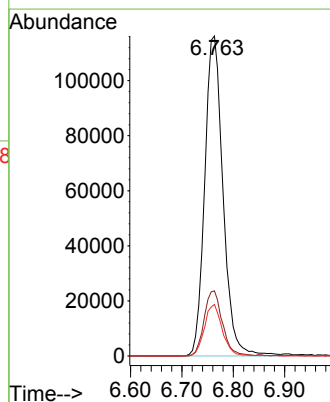
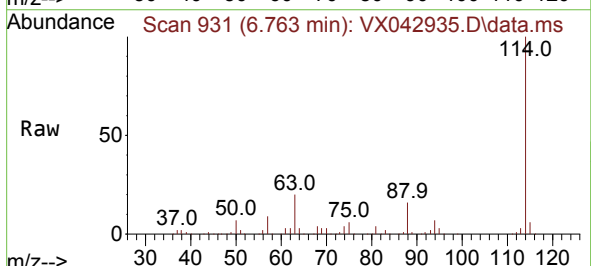
Tgt Ion: 114 Resp: 287449

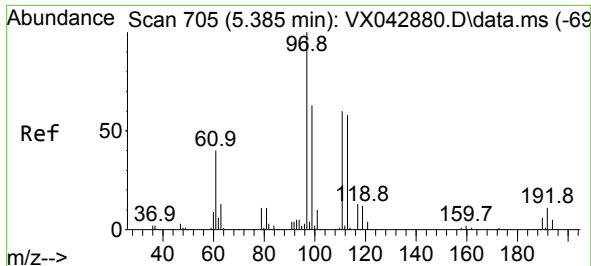
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

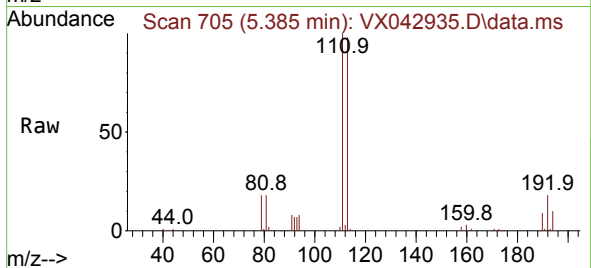
88 16.1 0.0 36.6



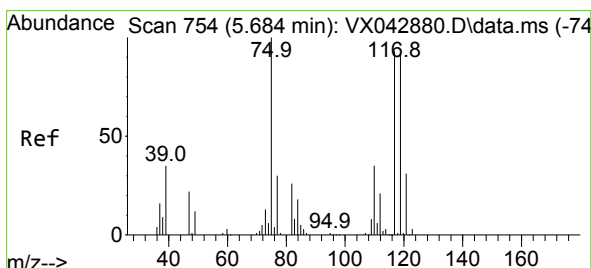
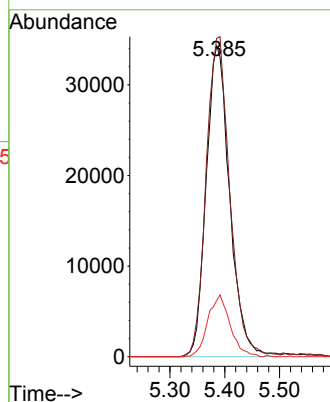
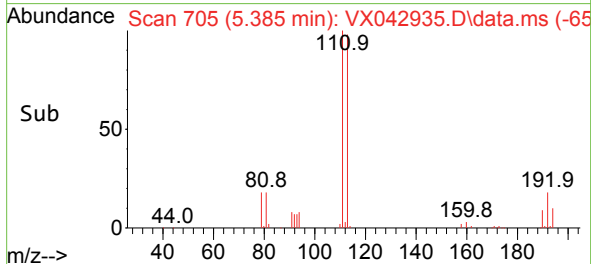


#35
Dibromofluoromethane
Concen: 54.238 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

Instrument :
MSVOA_X
ClientSampleId :

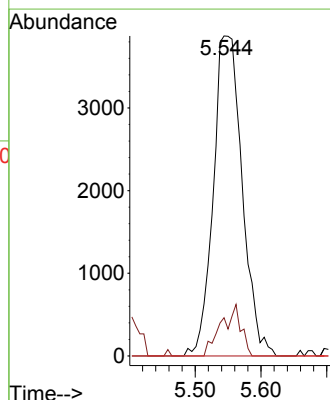
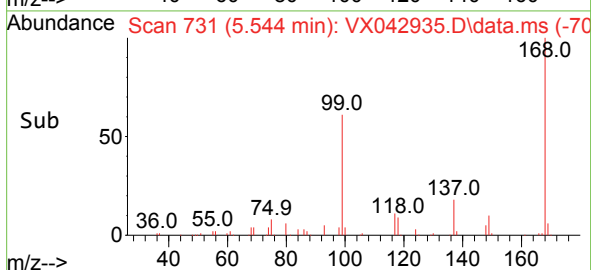
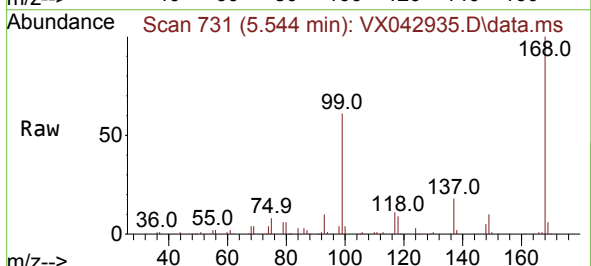


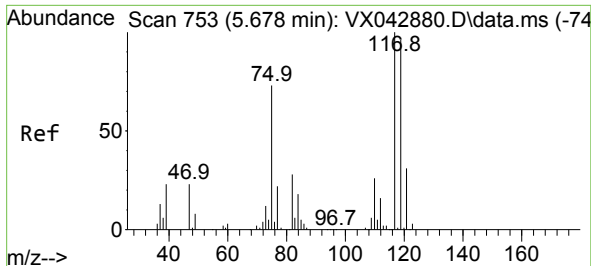
Tgt Ion:113 Resp: 101939
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

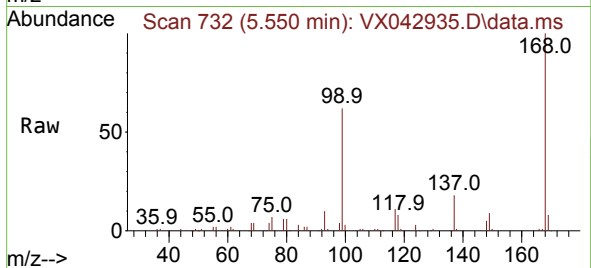
Tgt Ion: 75 Resp: 11840
Ion Ratio Lower Upper
75 100
110 11.1 17.0 50.9#
77 0.0 24.7 37.1#



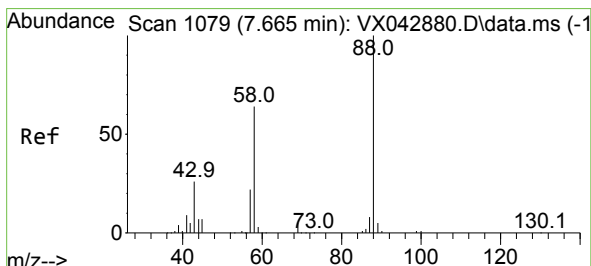
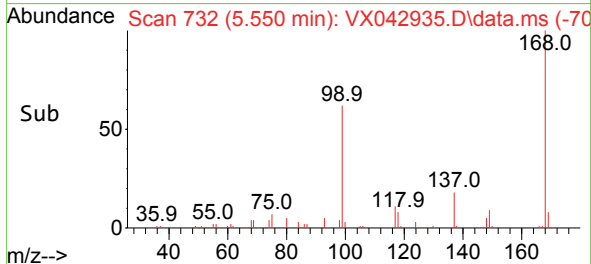
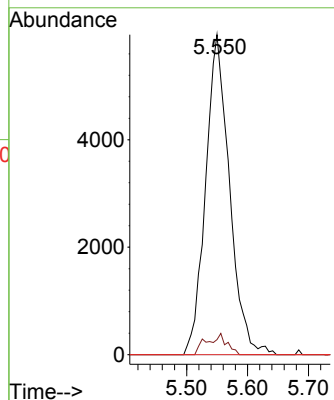


#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

Instrument :
MSVOA_X
ClientSampleId :

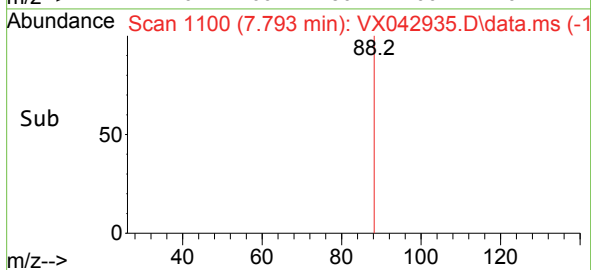
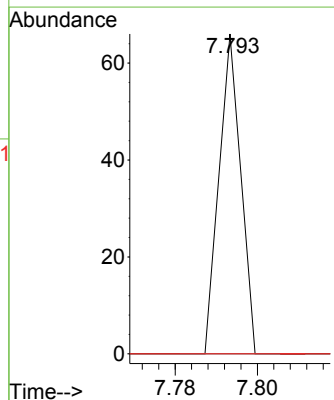
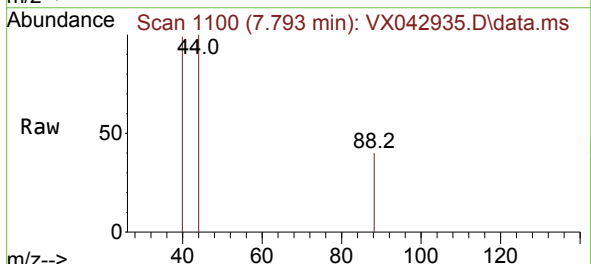


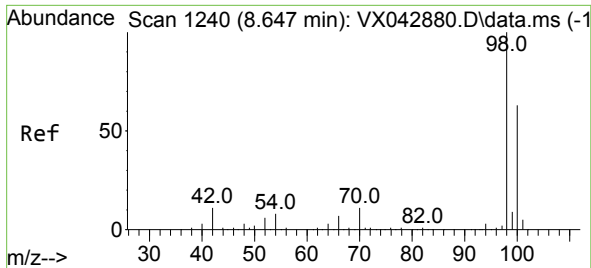
Tgt Ion:117 Resp: 16243
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.478 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

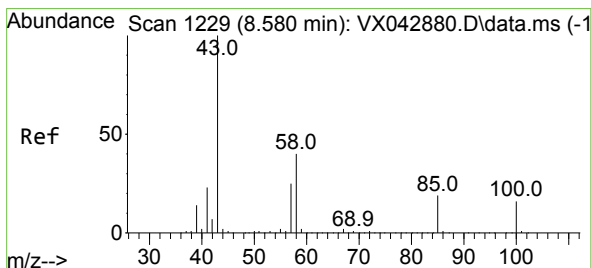
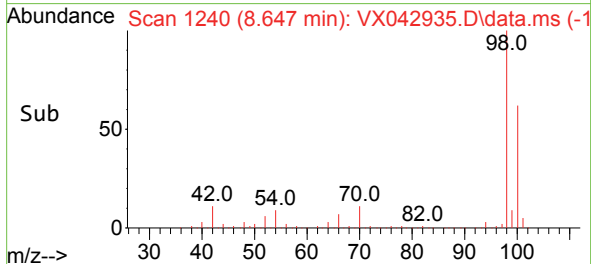
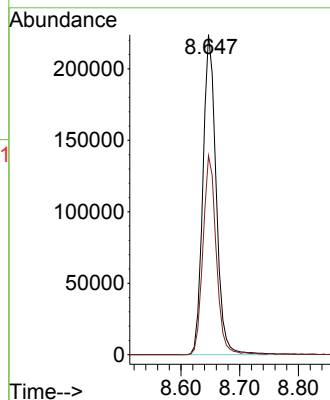
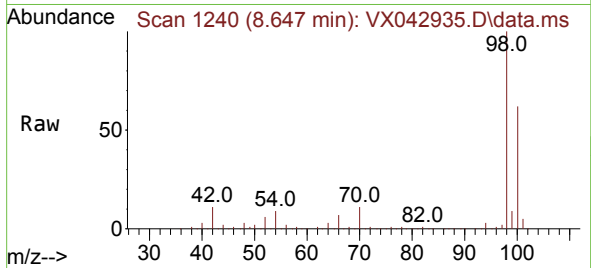




#50
Toluene-d8
Concen: 52.627 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

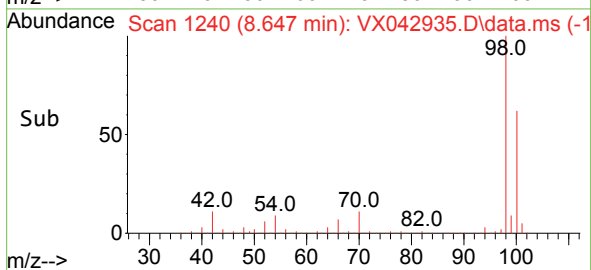
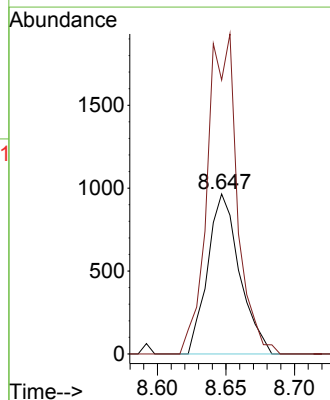
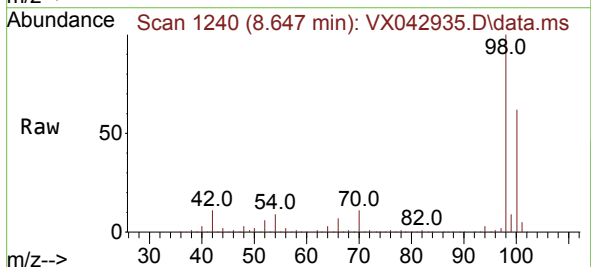
Instrument :
MSVOA_X
ClientSampleId :

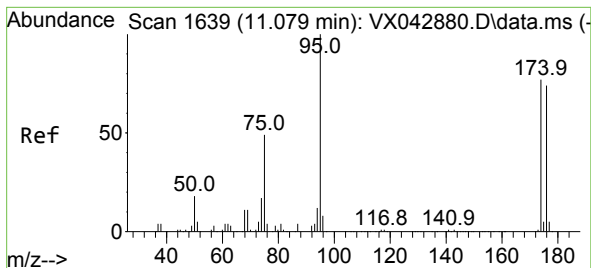
Tgt Ion: 98 Resp: 351138
Ion Ratio Lower Upper
98 100
100 62.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

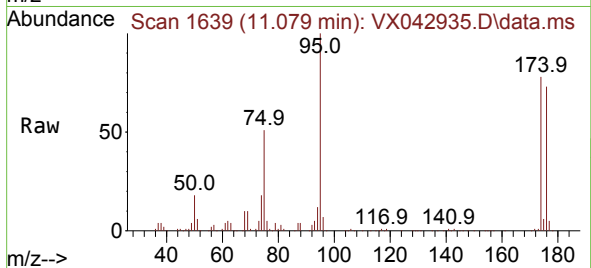
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 187.1 30.4 45.6#



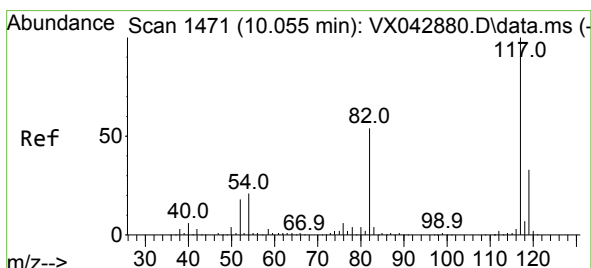
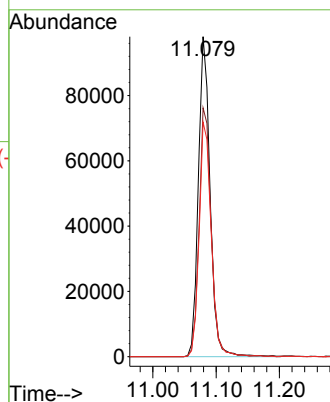
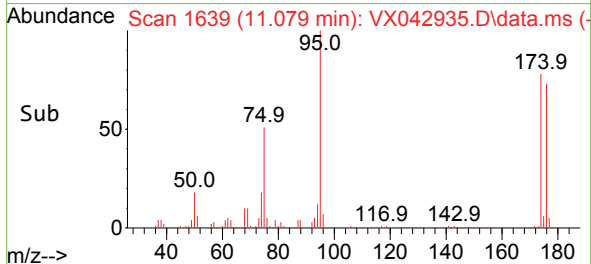


#62
4-Bromofluorobenzene
Concen: 52.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05

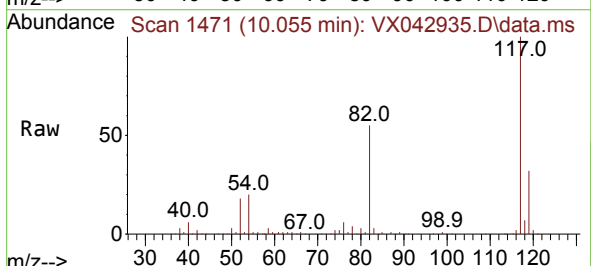
Instrument :
MSVOA_X
ClientSampleId :



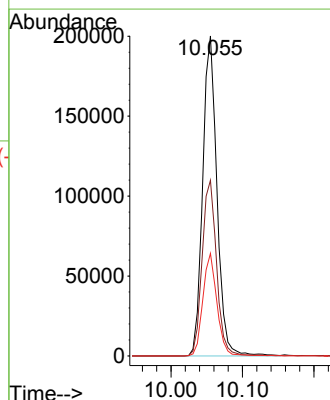
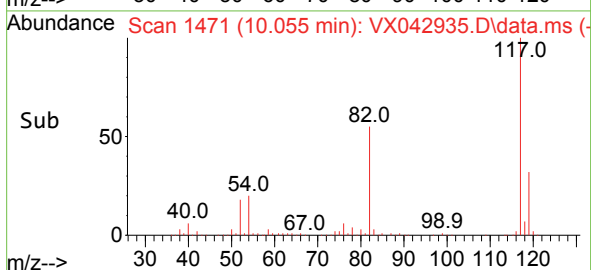
Tgt Ion: 95 Resp: 126496
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 76.0 0.0 131.0

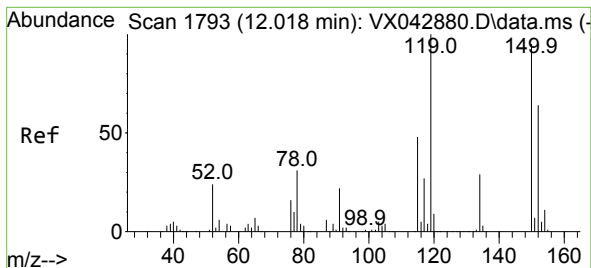


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042935.D
Acq: 08 Aug 2024 01:05



Tgt Ion: 117 Resp: 277579
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042935.D

Acq: 08 Aug 2024 01:05

Instrument :

MSVOA_X

ClientSampleId :

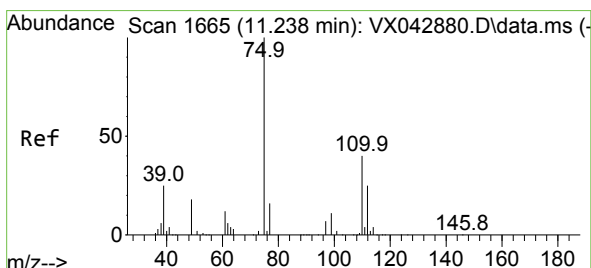
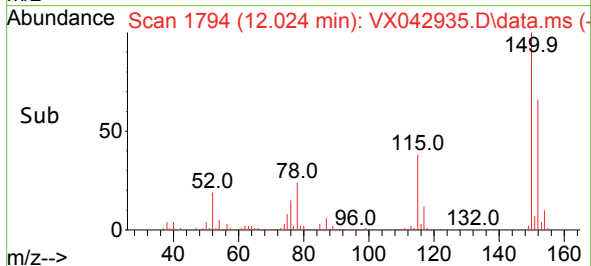
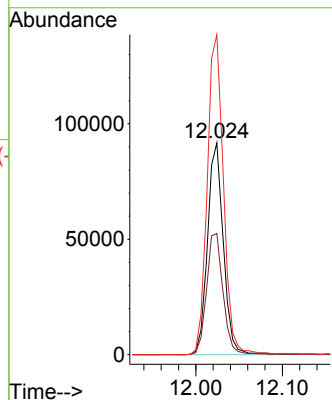
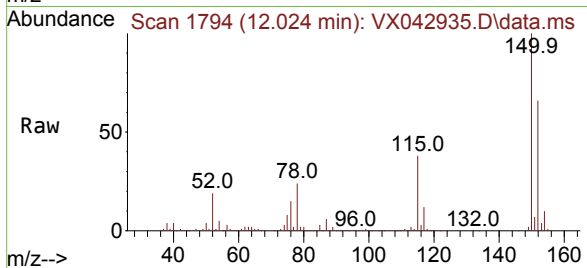
Tgt Ion:152 Resp: 116549

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 154.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.907 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042935.D

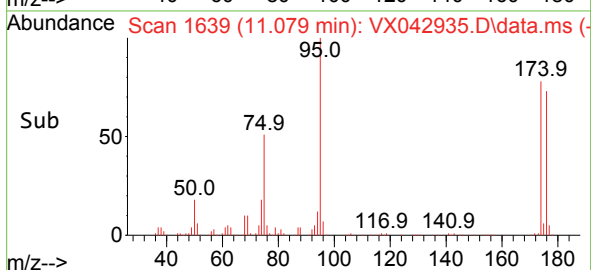
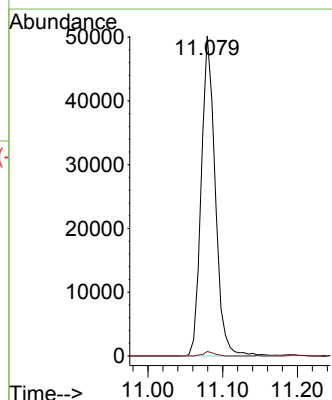
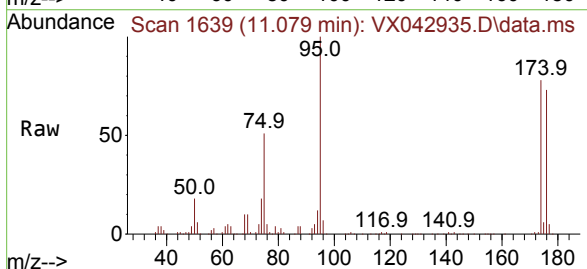
Acq: 08 Aug 2024 01:05

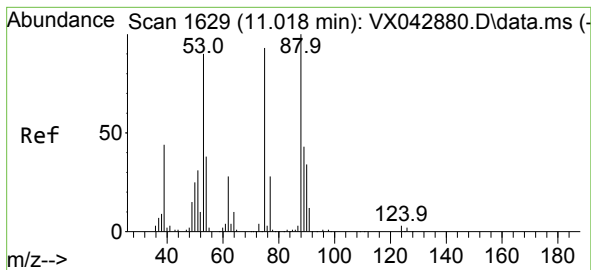
Tgt Ion: 75 Resp: 65284

Ion Ratio Lower Upper

75 100

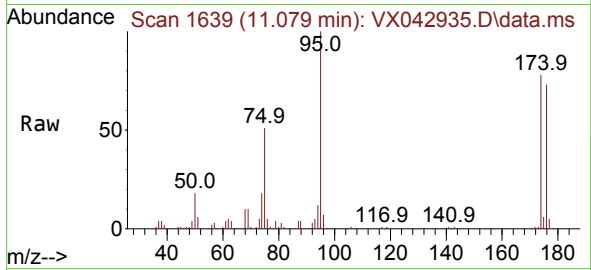
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.984 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042935.D
 Acq: 08 Aug 2024 01:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 65284
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

