

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044187.D
 Acq On : 09 Dec 2024 14:54
 Operator : JC/MD
 Sample : P5164-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Dec 10 01:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

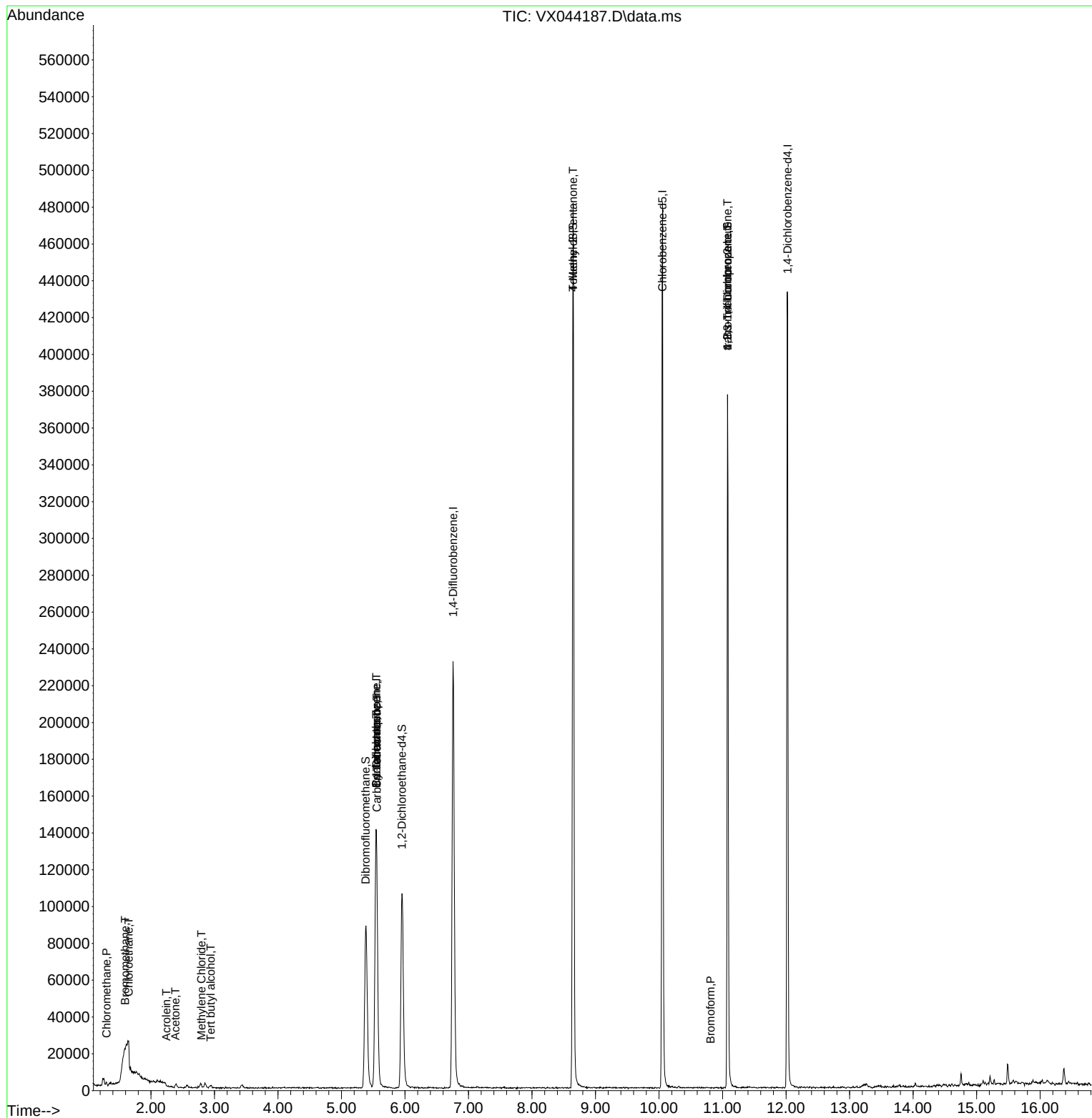
Internal Standards						
1) Pentafluorobenzene	5.550	168	121491	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	229527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107733	51.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.400%	
35) Dibromofluoromethane	5.379	113	76542	46.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.340%	
50) Toluene-d8	8.647	98	280476	49.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	11.079	95	95636	49.705	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1740	1.074	ug/l #	88
5) Bromomethane	1.593	94	574	0.542	ug/l #	30
6) Chloroethane	1.648	64	439	0.418	ug/l #	75
11) Tert butyl alcohol	2.940	59	287	0.858	ug/l #	73
13) Acrolein	2.239	56	101	0.286	ug/l #	39
16) Acetone	2.385	43	1654	1.728	ug/l #	73
20) Methylene Chloride	2.794	84	961	0.592	ug/l #	60
31) Cyclohexane	5.550	56	3586	1.544	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	11612	5.682	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14925	6.499	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1569	0.637	ug/l #	1
71) Bromoform	10.811	173	45	1.248	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	55847	29.389	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	55847	80.197	ug/l #	6

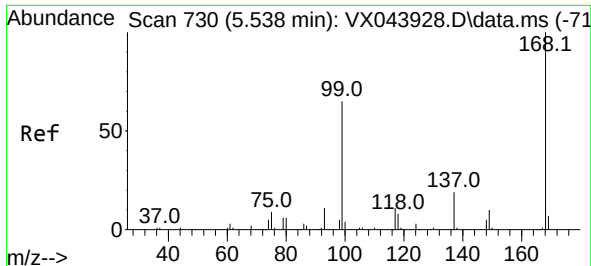
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
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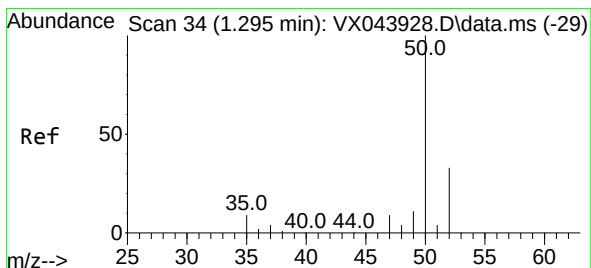
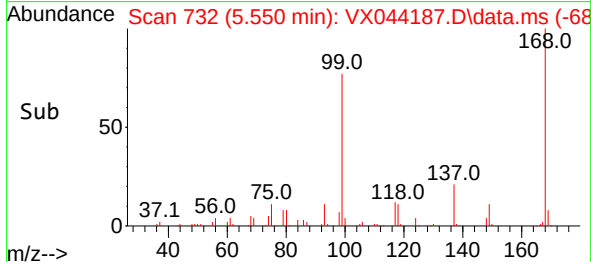
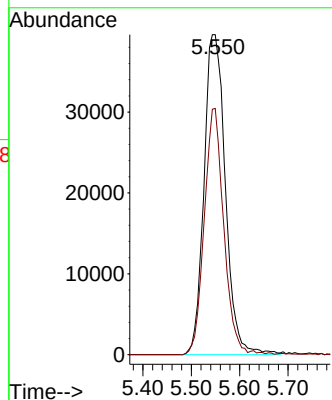
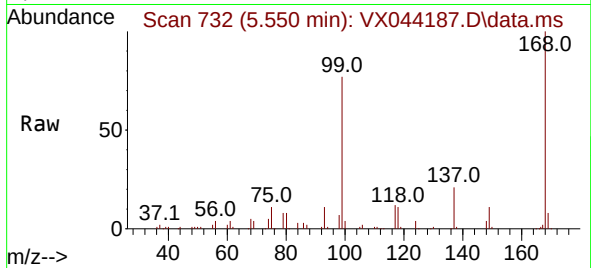




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

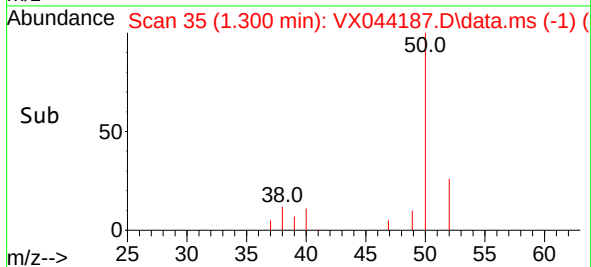
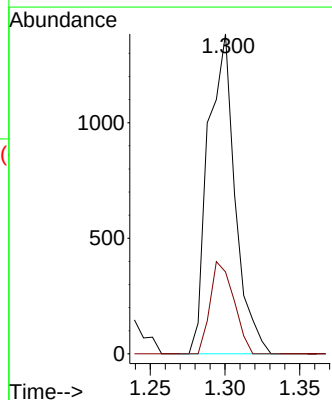
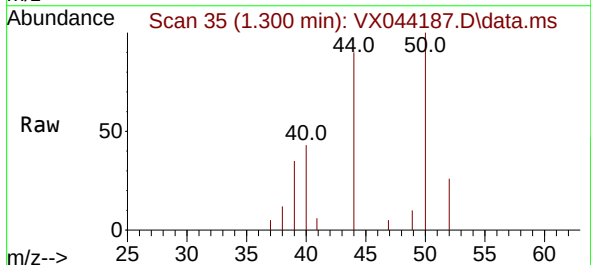
Instrument :
MSVOA_X
ClientSampleId :
TB

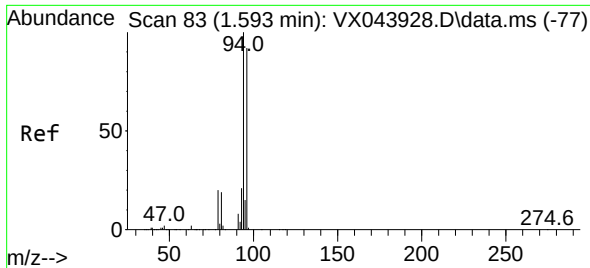
Tgt Ion:168 Resp: 121491
Ion Ratio Lower Upper
168 100
99 77.0 51.8 77.8



#3
Chloromethane
Concen: 1.074 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

Tgt Ion: 50 Resp: 1740
Ion Ratio Lower Upper
50 100
52 25.7 26.1 39.1#

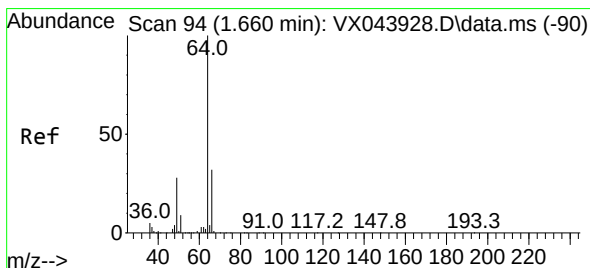
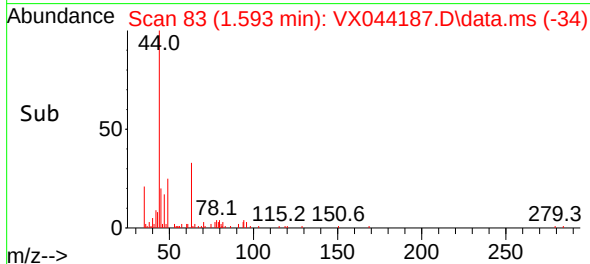
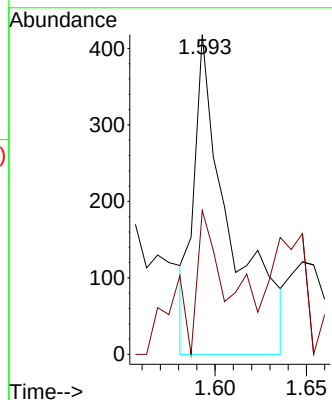
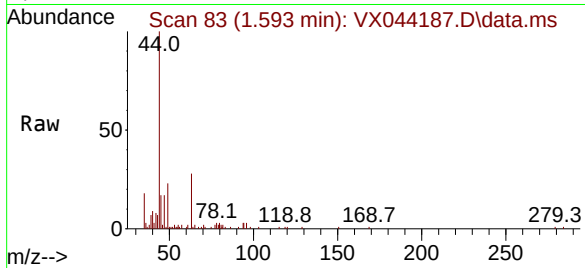




#5
Bromomethane
Concen: 0.542 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

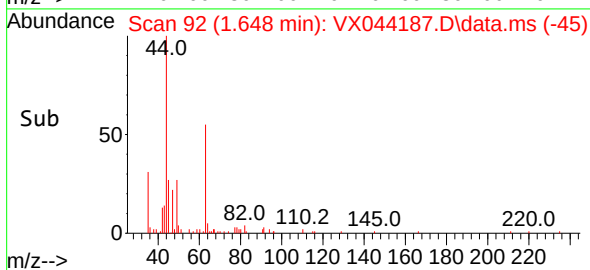
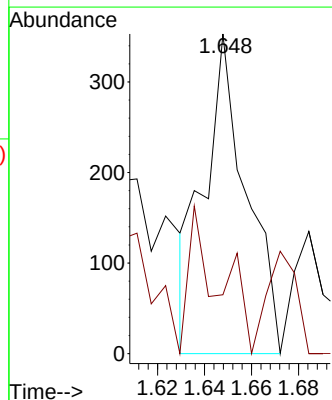
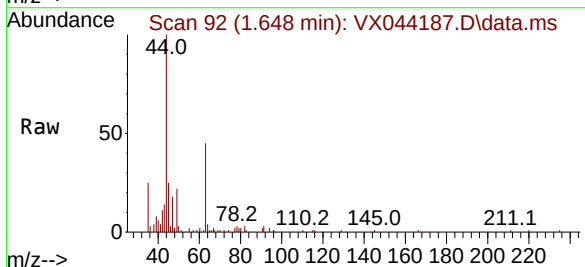
Instrument :
MSVOA_X
ClientSampleId :
TB

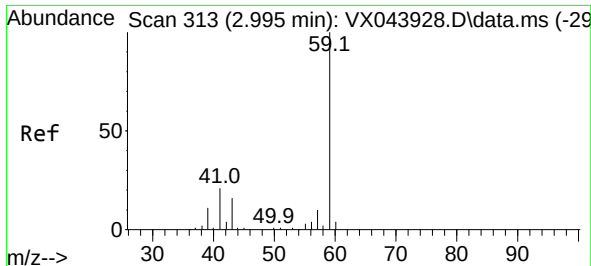
Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 25.6 73.9 110.9#



#6
Chloroethane
Concen: 0.418 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.013 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

Tgt Ion: 64 Resp: 439
Ion Ratio Lower Upper
64 100
66 18.4 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.858 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

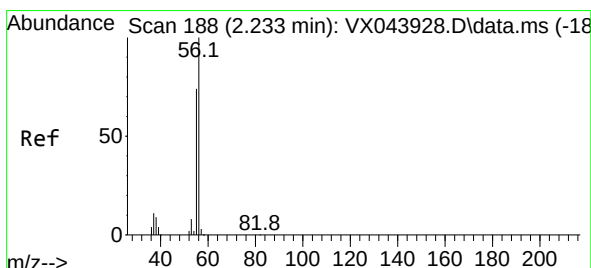
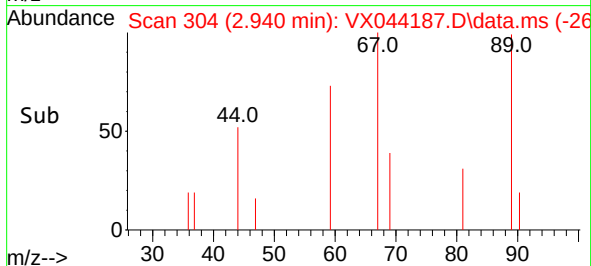
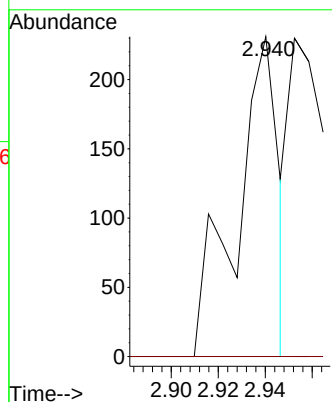
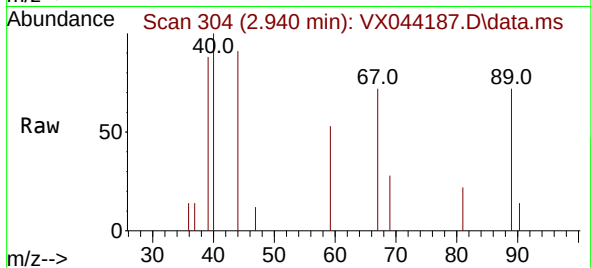
TB

Tgt Ion: 59 Resp: 287

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#13

Acrolein

Concen: 0.286 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX044187.D

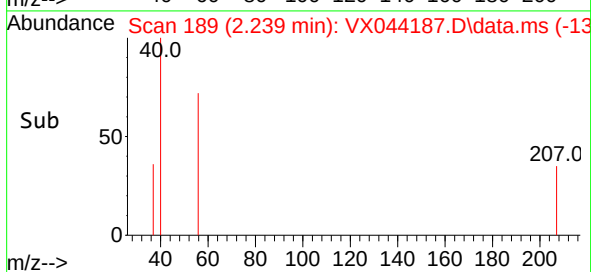
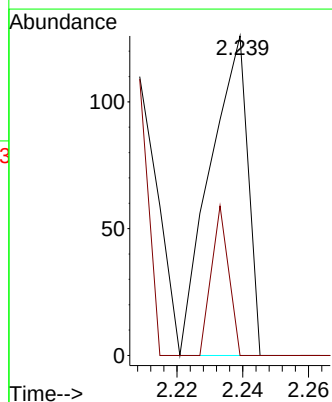
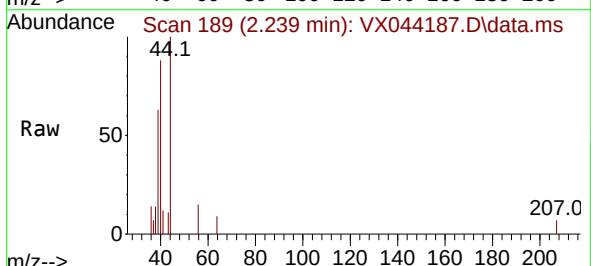
Acq: 09 Dec 2024 14:54

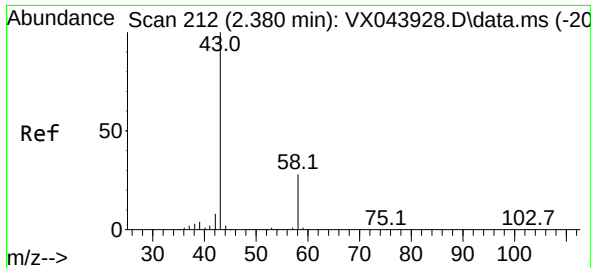
Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 21.8 58.2 87.2#





#16

Acetone

Concen: 1.728 ug/l

RT: 2.385 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

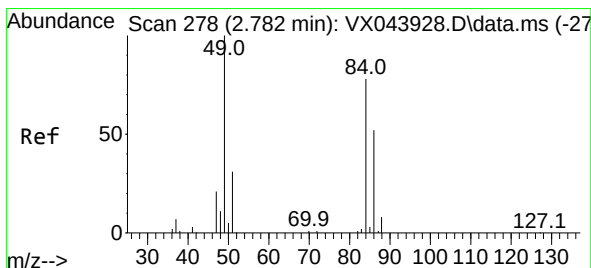
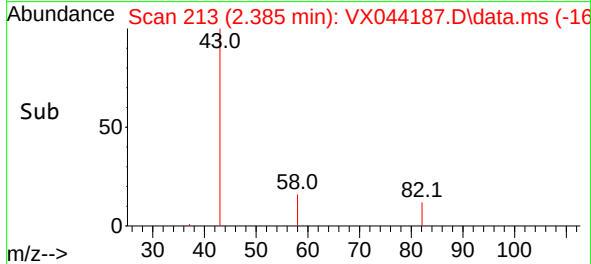
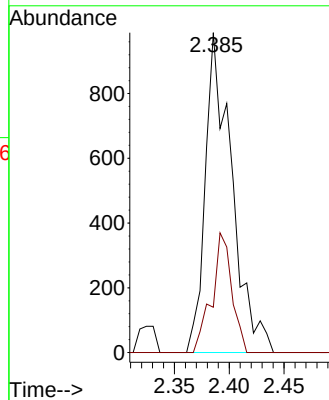
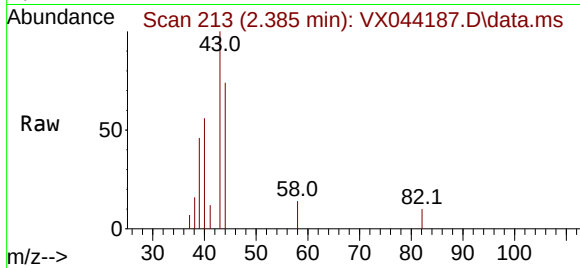
TB

Tgt Ion: 43 Resp: 1654

Ion Ratio Lower Upper

43 100

58 14.2 22.7 34.1#



#20

Methylene Chloride

Concen: 0.592 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.012 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

Tgt Ion: 84 Resp: 961

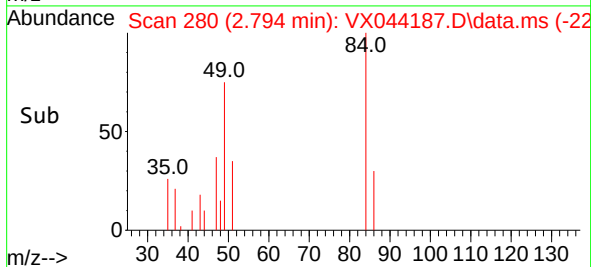
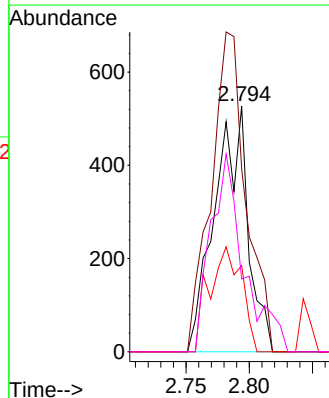
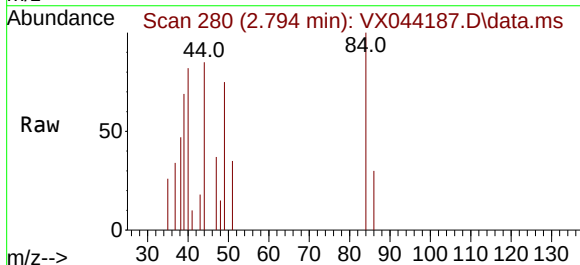
Ion Ratio Lower Upper

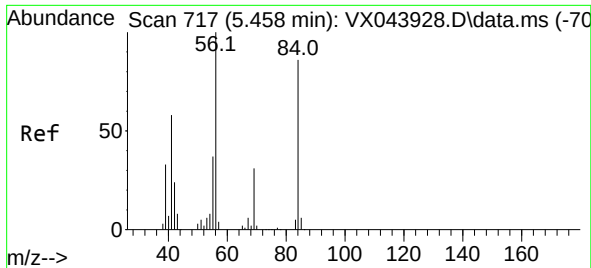
84 100

49 74.6 102.7 154.1#

51 35.1 31.7 47.5

86 29.6 53.9 80.9#

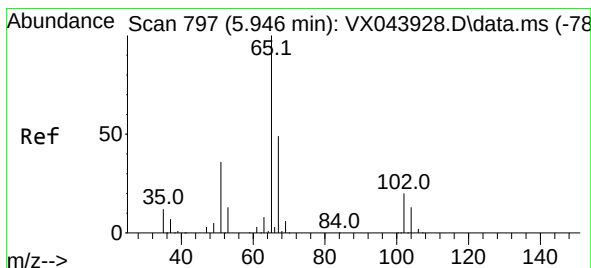
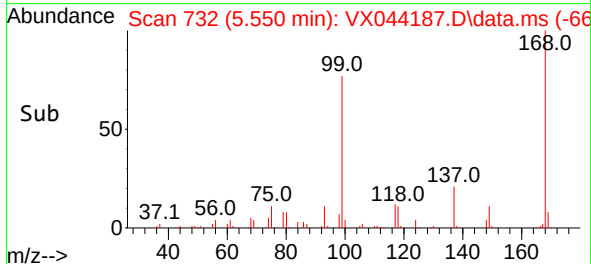
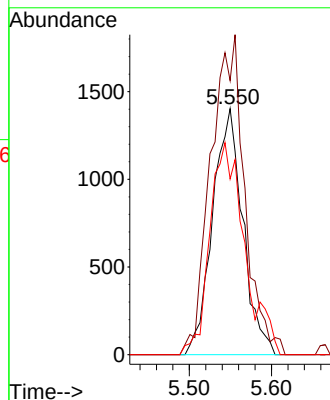
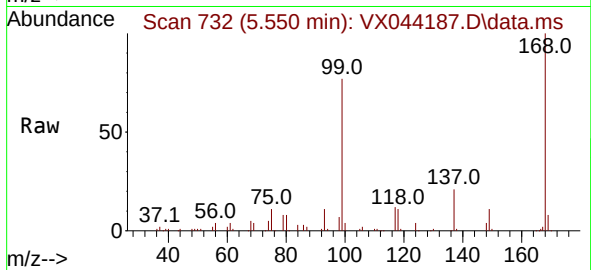




#31
Cyclohexane
Concen: 1.544 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

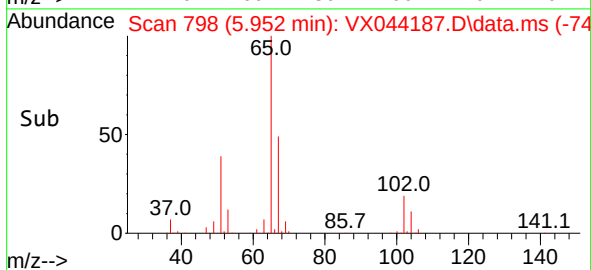
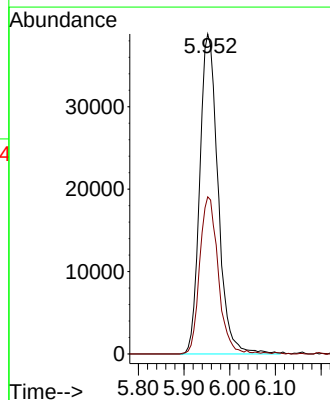
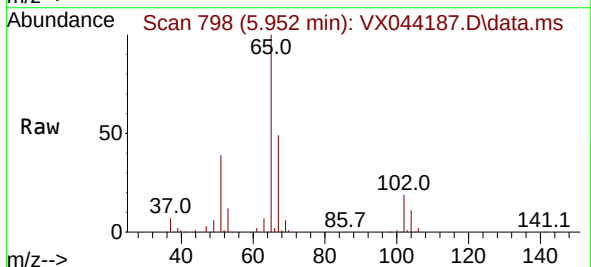
Instrument :
MSVOA_X
ClientSampleId :
TB

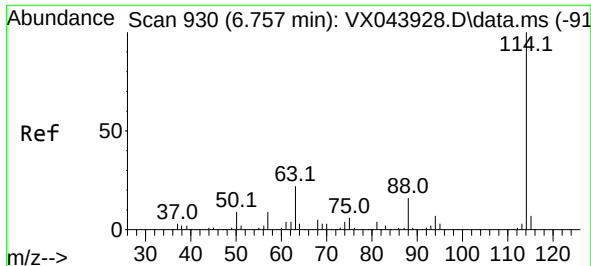
Tgt Ion: 56 Resp: 3586
Ion Ratio Lower Upper
56 100
69 111.4 24.7 37.1#
84 71.4 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 51.701 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

Tgt Ion: 65 Resp: 107733
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8

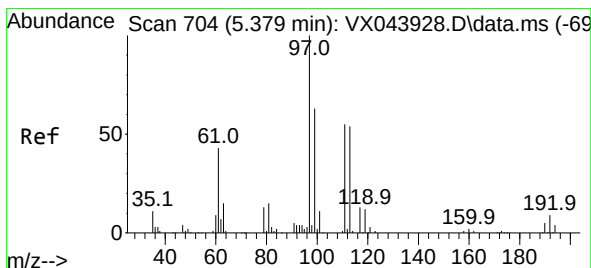
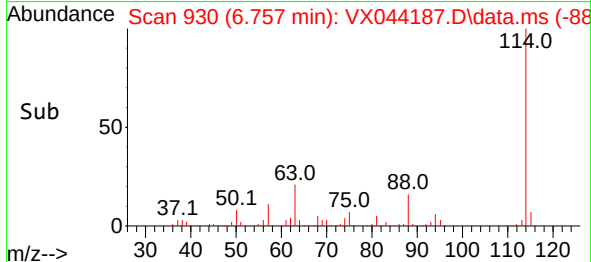
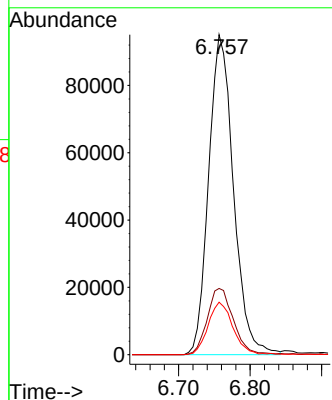
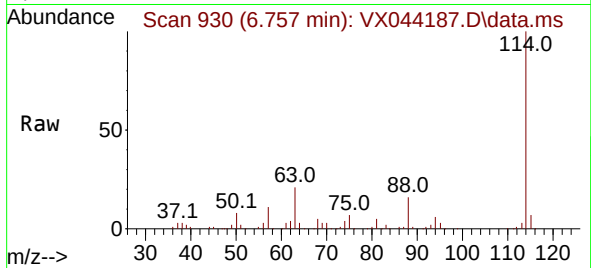




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

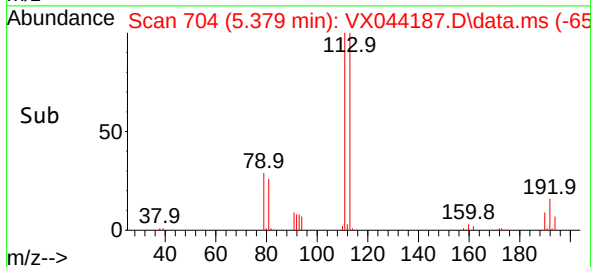
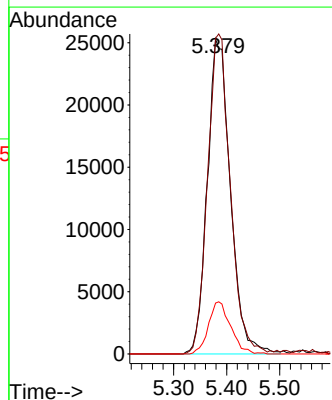
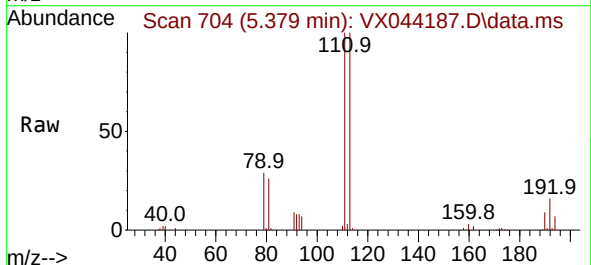
Instrument :
MSVOA_X
ClientSampleId :
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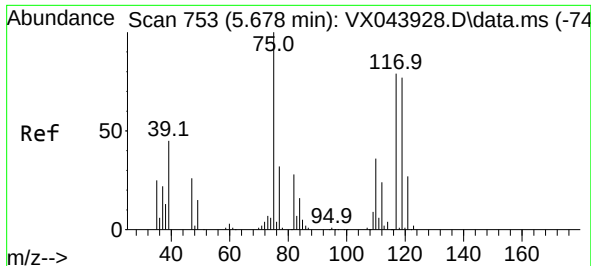
Tgt Ion:114 Resp: 229527
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.0
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.669 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

Tgt Ion:113 Resp: 76542
Ion Ratio Lower Upper
113 100
111 99.5 81.0 121.4
192 15.9 13.0 19.6

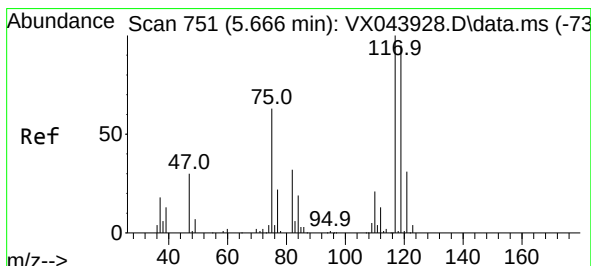
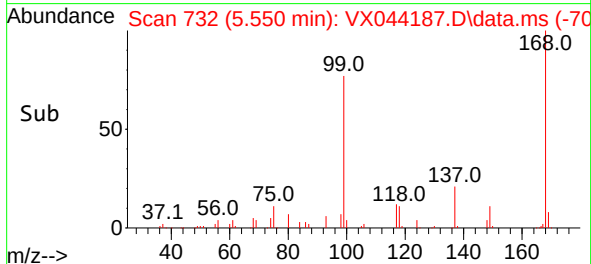
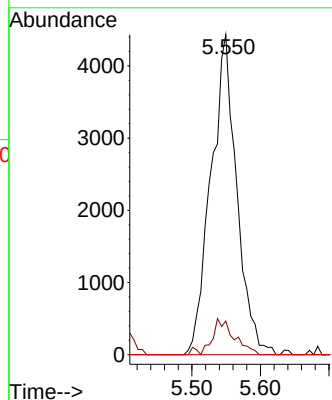
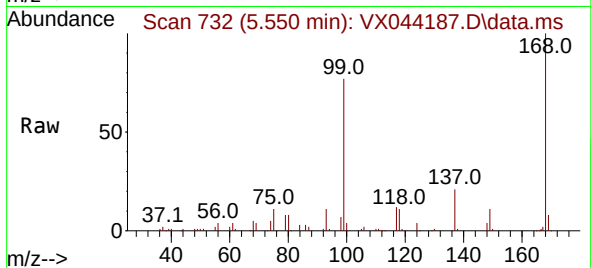




#36
1,1-Dichloropropene
Concen: 5.682 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

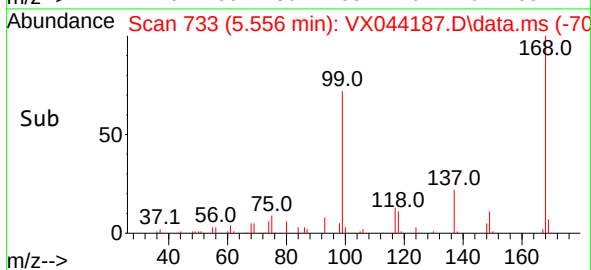
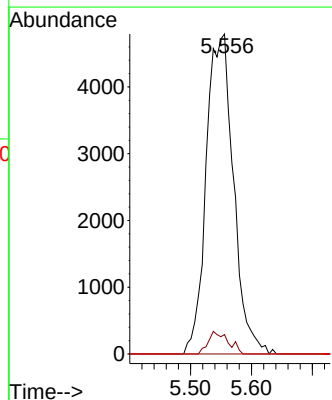
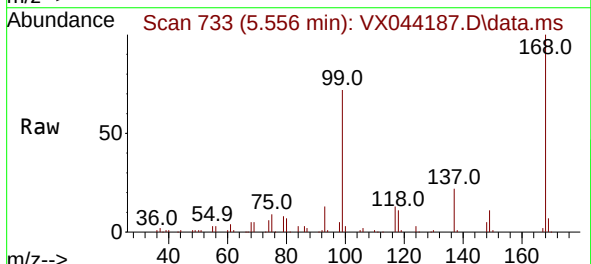
Instrument :
MSVOA_X
ClientSampleId :
TB

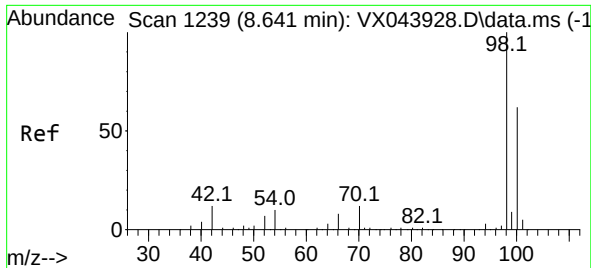
Tgt Ion: 75 Resp: 11612
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.110 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

Tgt Ion: 117 Resp: 14925
Ion Ratio Lower Upper
117 100
119 6.0 75.2 112.8#
121 0.0 24.5 36.7#

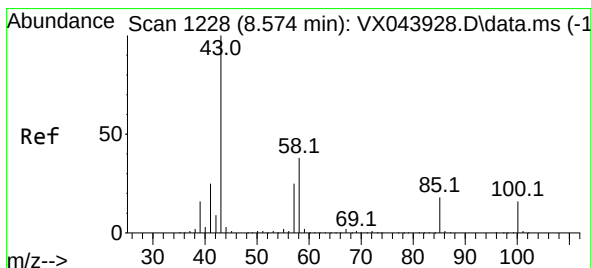
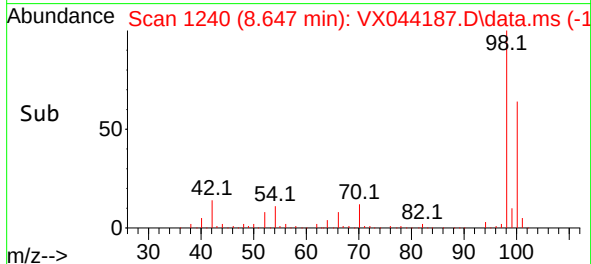
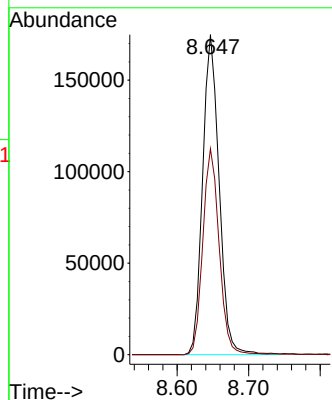
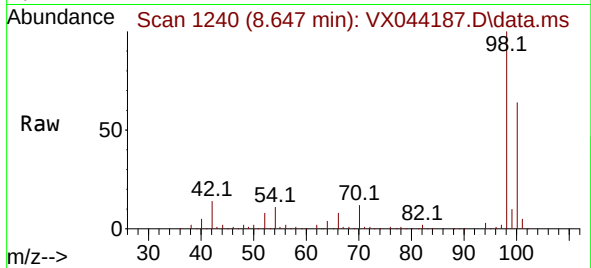




#50
Toluene-d8
Concen: 49.611 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

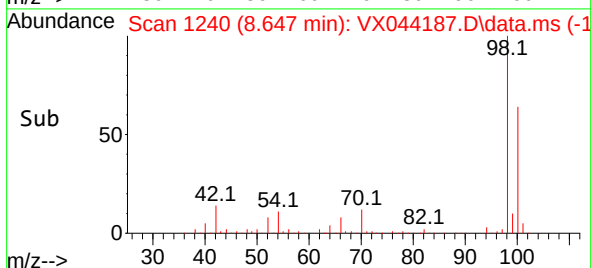
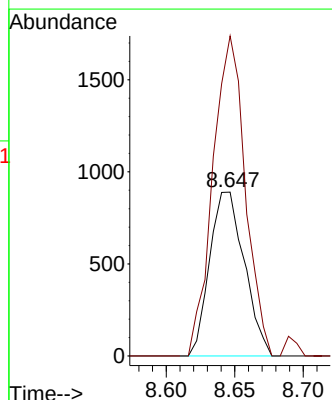
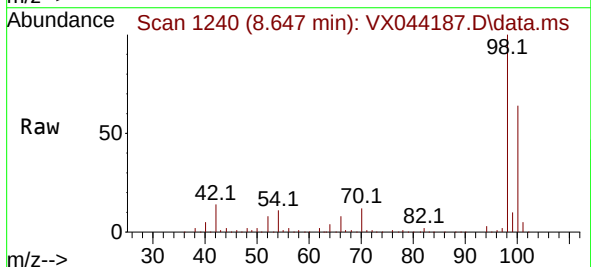
Instrument :
MSVOA_X
ClientSampleId :
TB

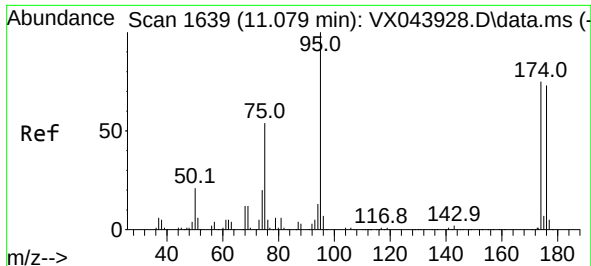
Tgt Ion: 98 Resp: 280476
Ion Ratio Lower Upper
98 100
100 63.8 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044187.D
Acq: 09 Dec 2024 14:54

Tgt Ion: 43 Resp: 1569
Ion Ratio Lower Upper
43 100
58 182.7 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 49.705 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

TB

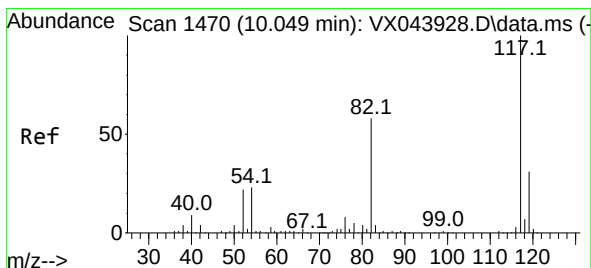
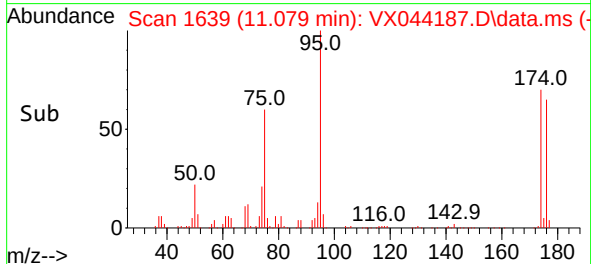
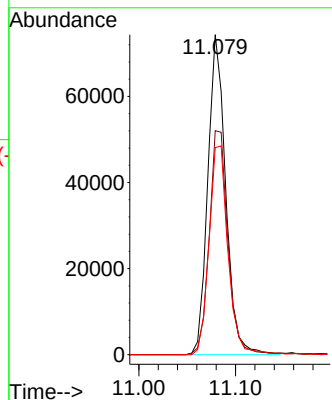
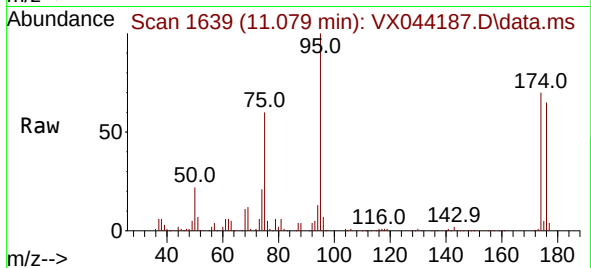
Tgt Ion: 95 Resp: 95636

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.4

176 69.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

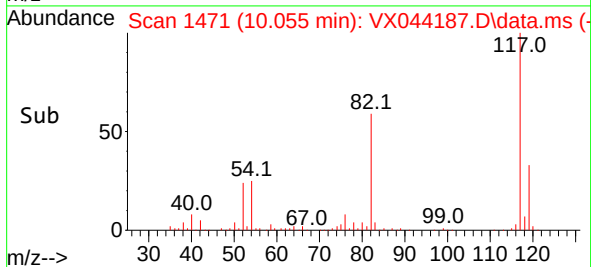
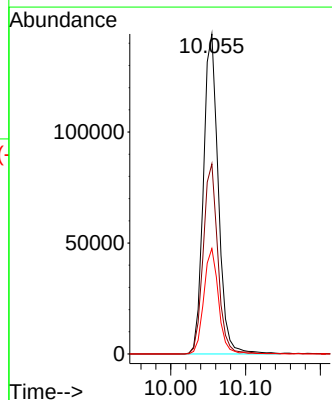
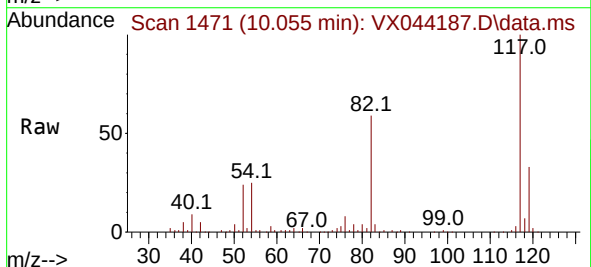
Tgt Ion: 117 Resp: 199336

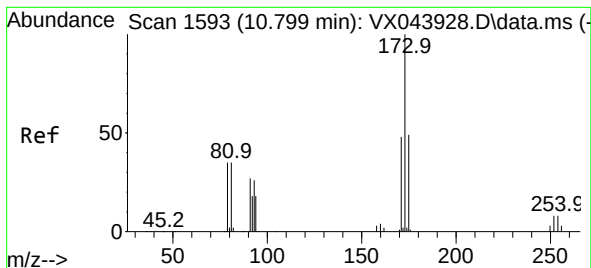
Ion Ratio Lower Upper

117 100

82 59.4 46.4 69.6

119 33.0 24.6 37.0





#71

Bromoform

Concen: 1.248 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. 0.012 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

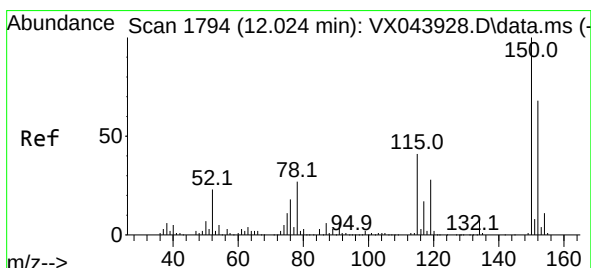
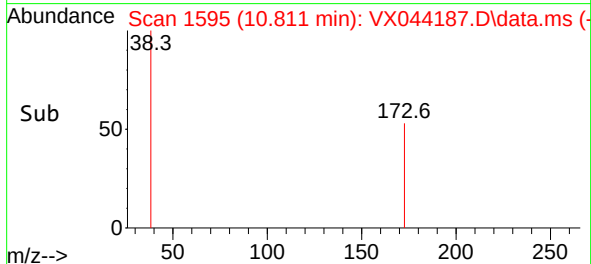
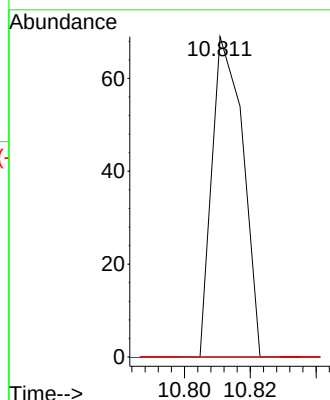
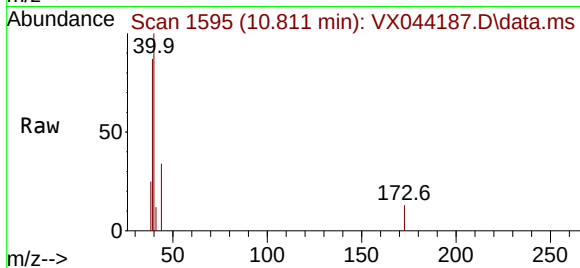
Instrument :

MSVOA_X

ClientSampleId :

TB

Tgt Ion:173	Resp:	45
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.1 72.2#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

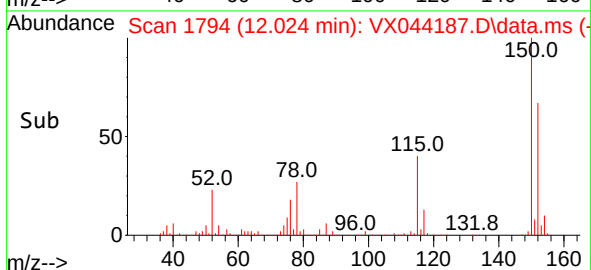
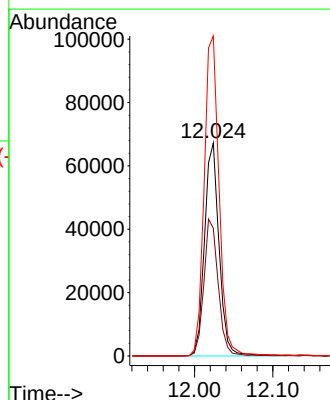
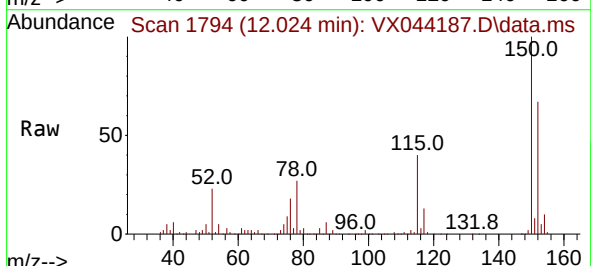
RT: 12.024 min Scan# 1794

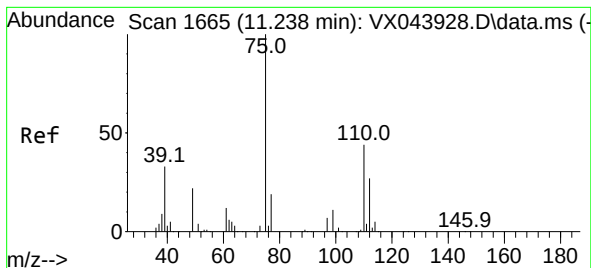
Delta R.T. -0.000 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

Tgt Ion:152	Resp:	86651
Ion Ratio	Lower	Upper
152	100	
115	63.7	45.4 136.2
150	154.0	0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 29.389 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

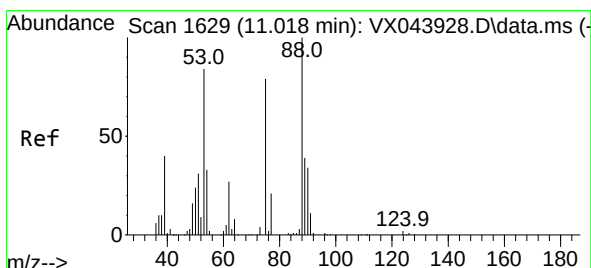
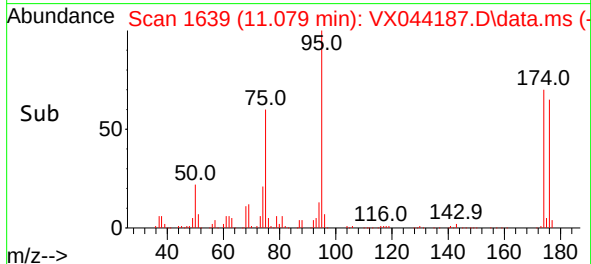
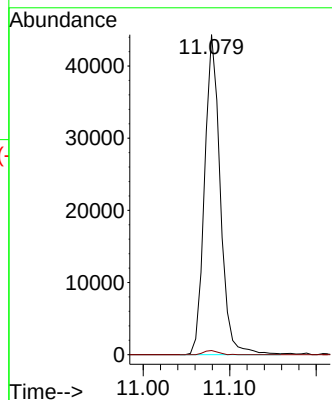
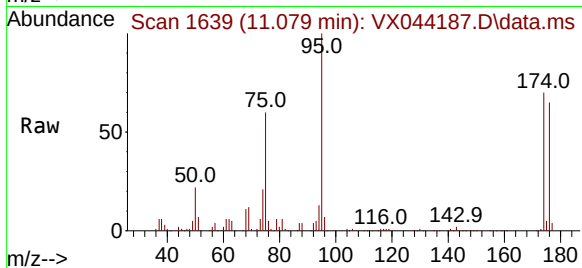
TB

Tgt Ion: 75 Resp: 55847

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.197 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044187.D

Acq: 09 Dec 2024 14:54

Tgt Ion: 75 Resp: 55847

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

