

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048780.D
 Acq On : 09 Dec 2025 13:47
 Operator : JC/MD
 Sample : Q3803-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-D

Quant Time: Dec 10 00:21:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

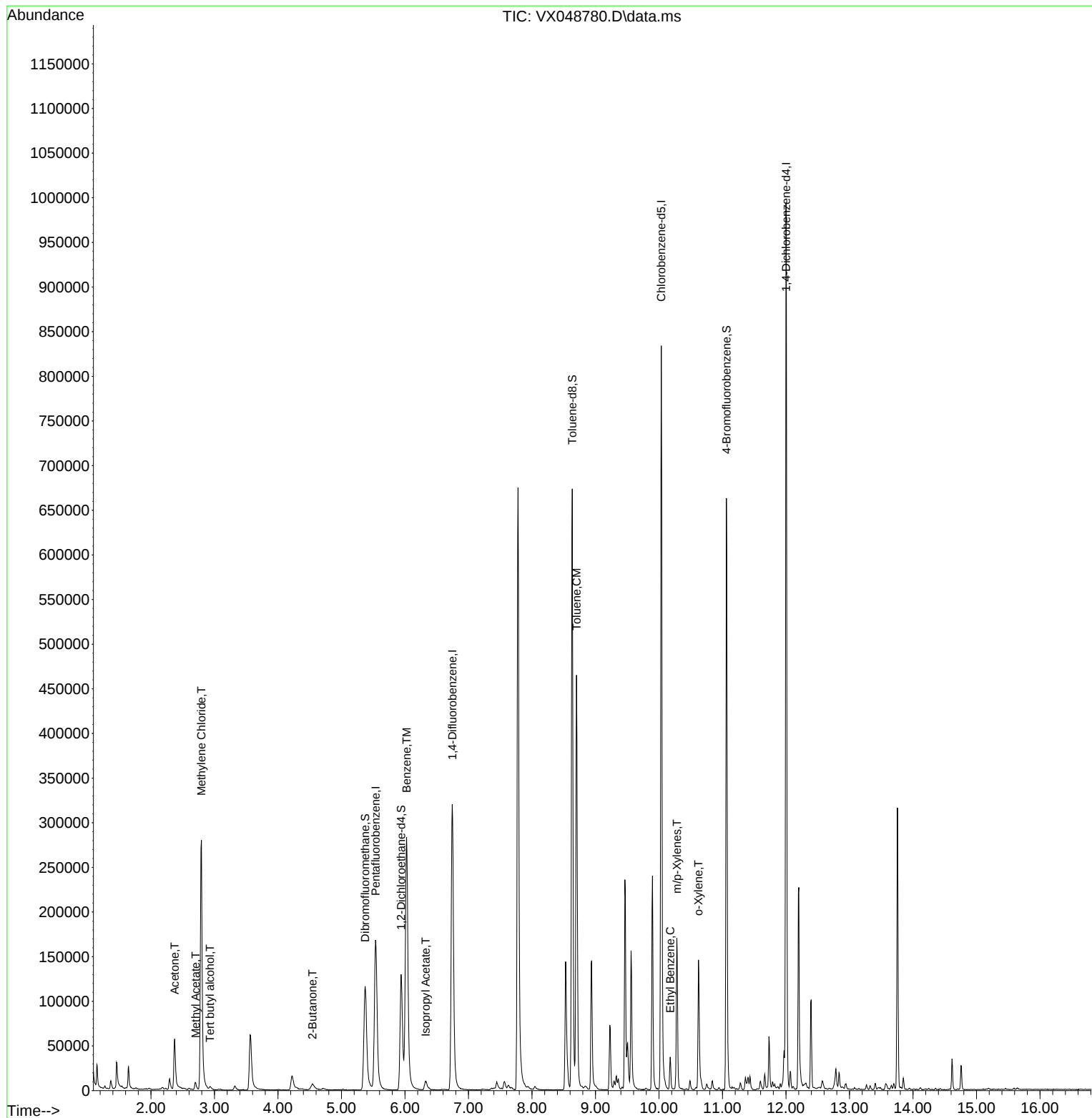
Internal Standards						
1) Pentafluorobenzene	5.538	168	175230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	369194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	399427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	213078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	136311	57.958	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.920%	
35) Dibromofluoromethane	5.373	113	118225	46.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.020%	
50) Toluene-d8	8.635	98	422905	47.461	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.920%	
62) 4-Bromofluorobenzene	11.061	95	186279	60.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.928	59	3734	9.834	ug/l	97
16) Acetone	2.374	43	78309	86.975	ug/l	96
18) Methyl Acetate	2.703	43	11854	4.679	ug/l	99
20) Methylene Chloride	2.794	84	143827	63.910	ug/l	97
25) 2-Butanone	4.544	43	9449	7.111	ug/l	89
40) Benzene	6.025	78	377479	36.573	ug/l	100
43) Isopropyl Acetate	6.324	43	14909	2.367	ug/l	99
52) Toluene	8.702	92	181524	29.166	ug/l	99
67) Ethyl Benzene	10.177	91	22101	1.549	ug/l	100
68) m/p-Xylenes	10.281	106	41405	7.450	ug/l	96
69) o-Xylene	10.622	106	26904	5.166	ug/l	100

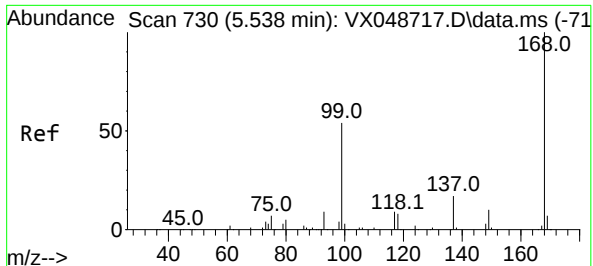
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
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Sample : Q3803-04
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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Quant Time: Dec 10 00:21:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

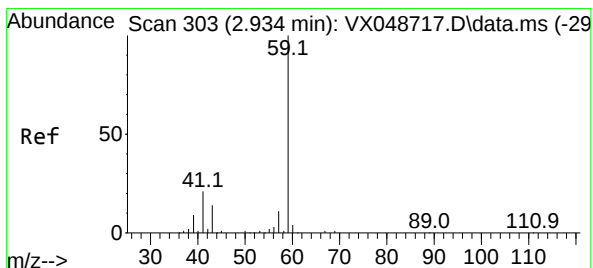
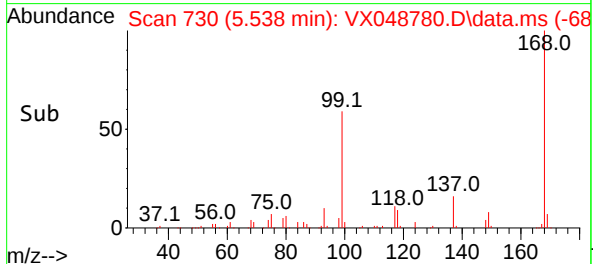
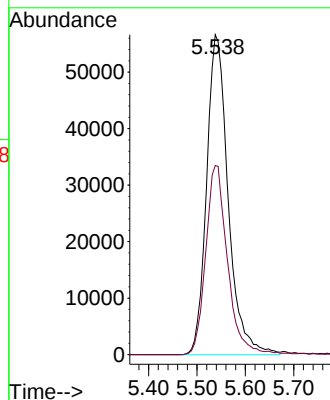
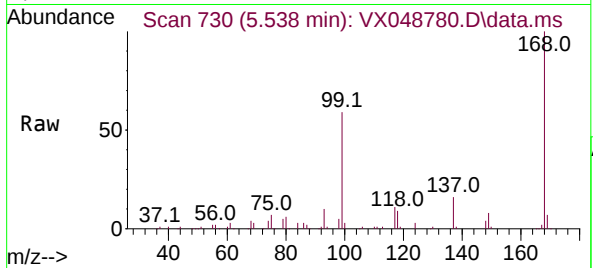




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

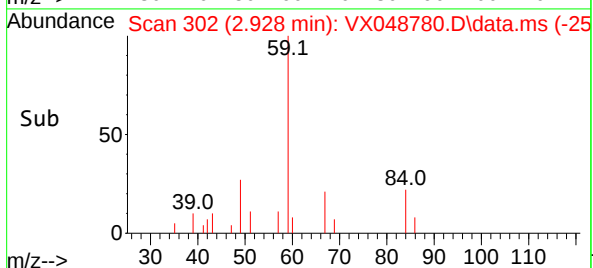
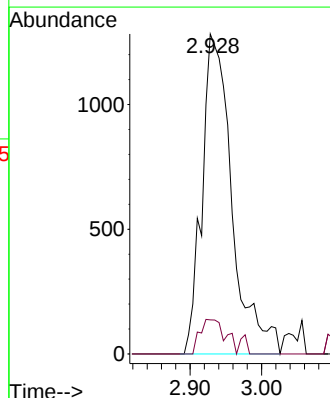
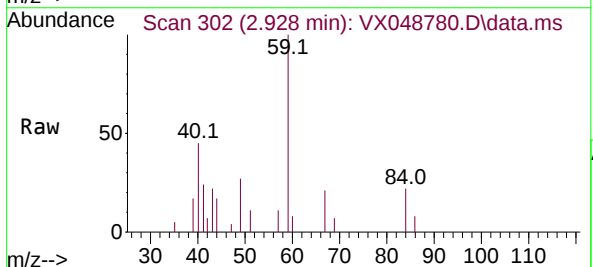
Instrument :
MSVOA_X
ClientSampleId :
CHASE-D

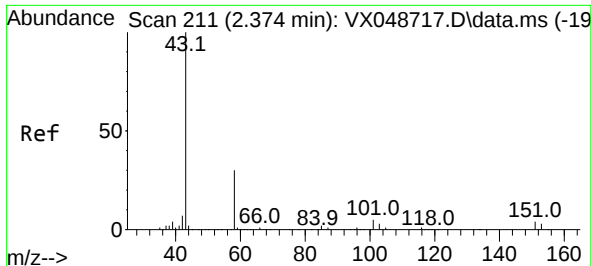
Tgt Ion:168 Resp: 175230
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 9.834 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.006 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

Tgt Ion: 59 Resp: 3734
Ion Ratio Lower Upper
59 100
57 9.1 8.1 12.1

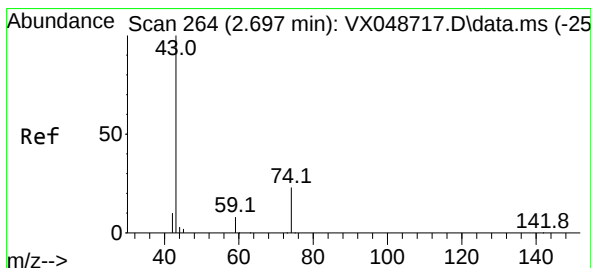
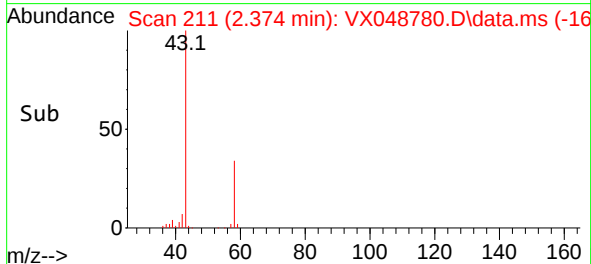
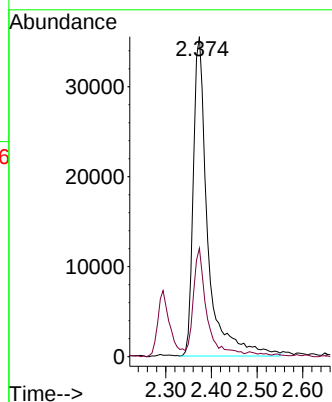
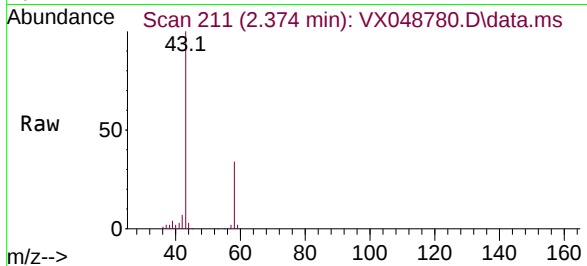




#16
Acetone
Concen: 86.975 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

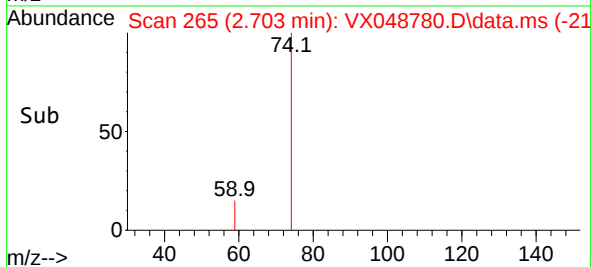
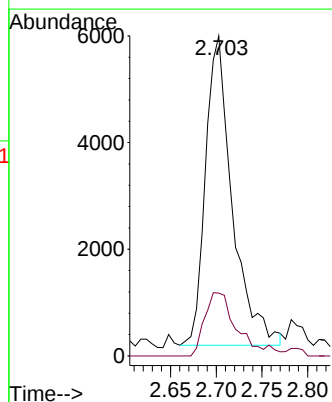
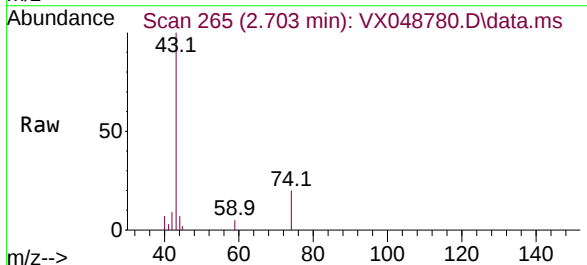
Instrument :
MSVOA_X
ClientSampleId :
CHASE-D

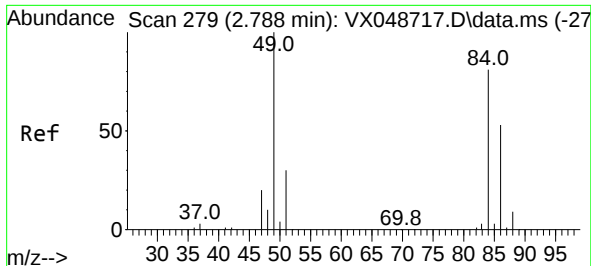
Tgt Ion: 43 Resp: 78309
Ion Ratio Lower Upper
43 100
58 33.5 25.0 37.4



#18
Methyl Acetate
Concen: 4.679 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

Tgt Ion: 43 Resp: 11854
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8

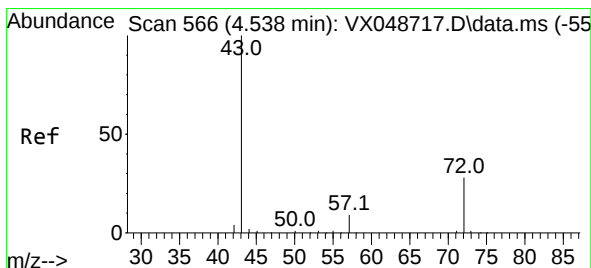
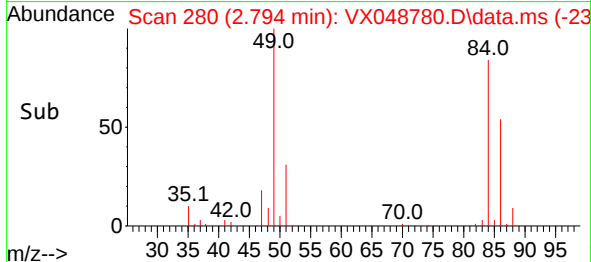
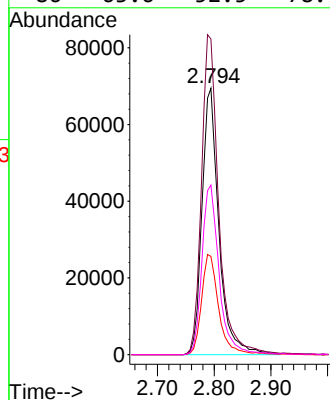
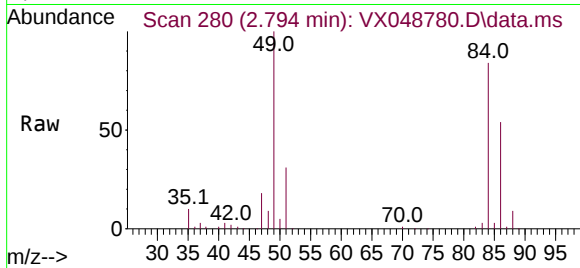




#20
Methylene Chloride
Concen: 63.910 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

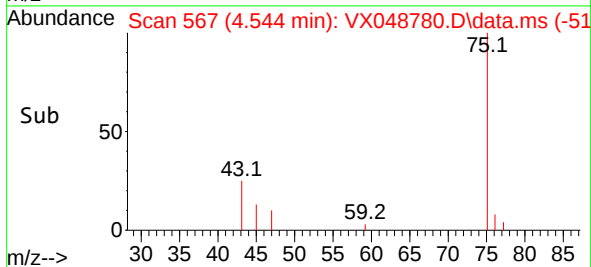
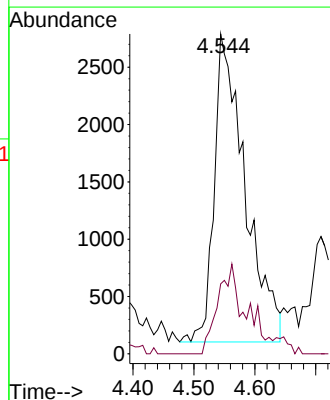
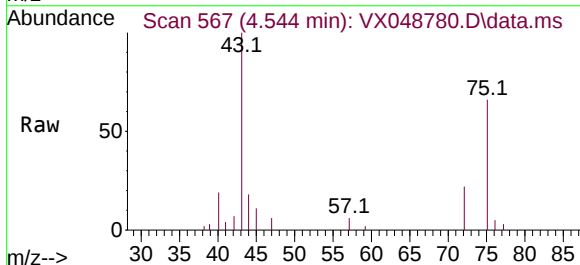
Instrument :
MSVOA_X
ClientSampleId :
CHASE-D

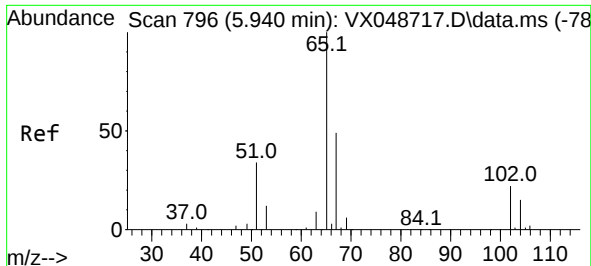
Tgt Ion: 84	Resp: 143827
Ion Ratio	Lower Upper
84 100	
49 118.5	98.7 148.1
51 36.9	29.4 44.2
86 63.6	52.5 78.7



#25
2-Butanone
Concen: 7.111 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

Tgt Ion: 43	Resp: 9449		
Ion Ratio	Lower	Upper	
43 100			
72 22.7	22.6	34.0	





#33

1,2-Dichloroethane-d4

Concen: 57.958 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048780.D

Acq: 09 Dec 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

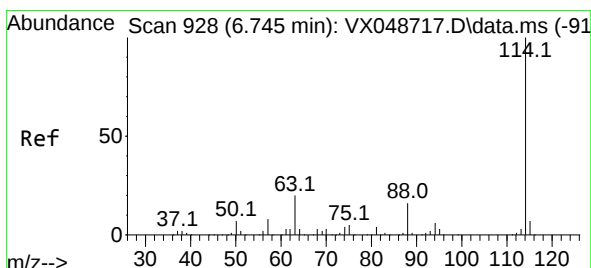
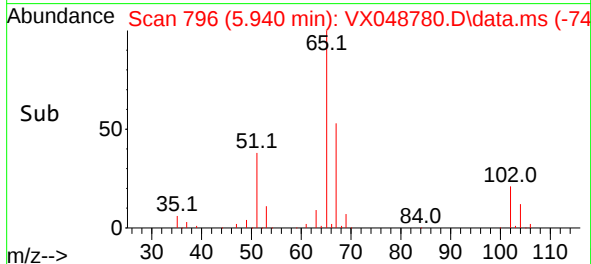
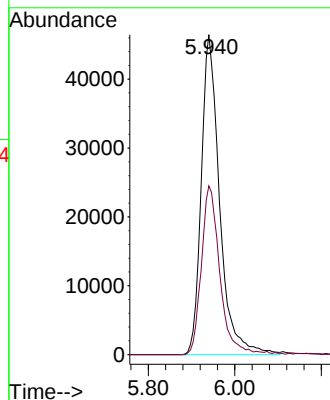
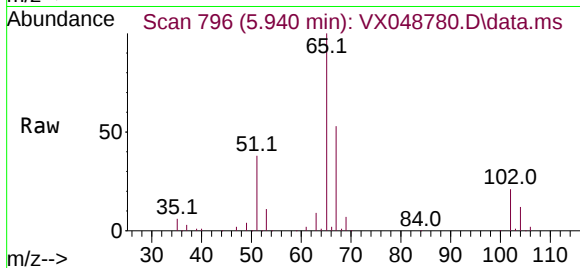
CHASE-D

Tgt Ion: 65 Resp: 136311

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048780.D

Acq: 09 Dec 2025 13:47

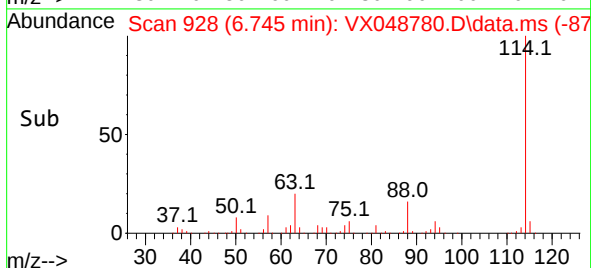
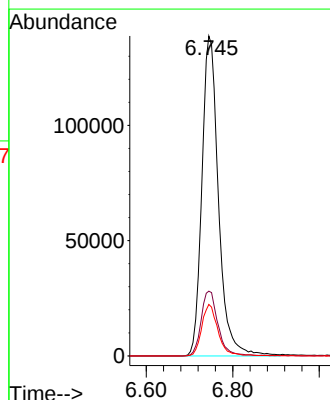
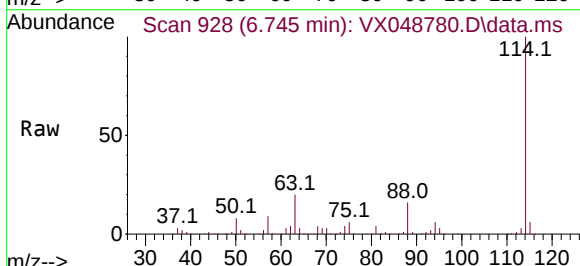
Tgt Ion: 114 Resp: 369194

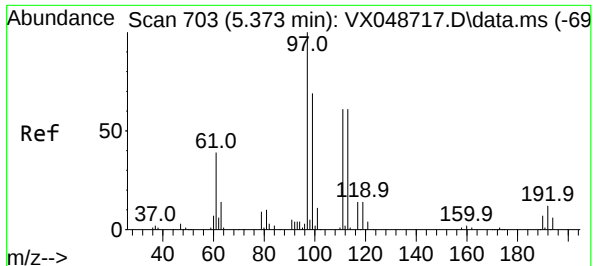
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

88 16.1 0.0 31.8

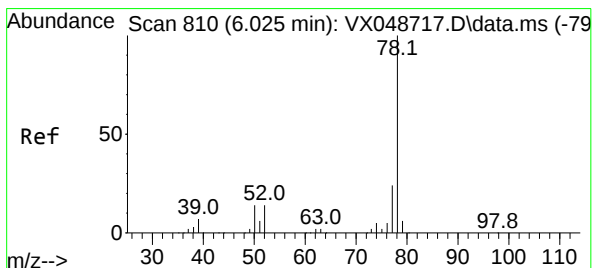
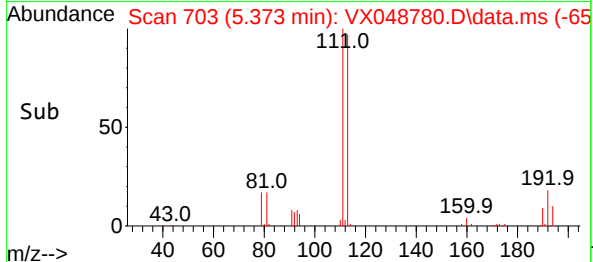
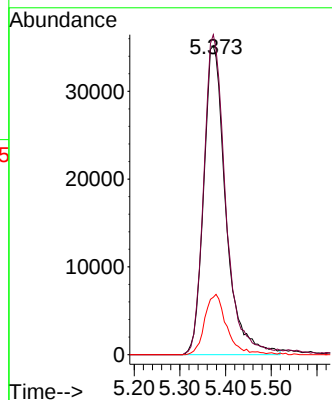
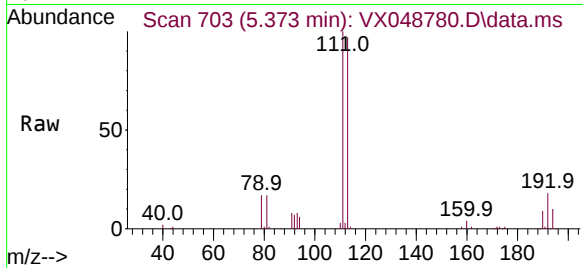




#35
Dibromofluoromethane
Concen: 46.508 ug/l
RT: 5.373 min Scan# 70
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

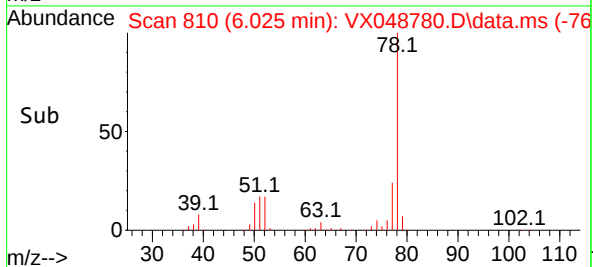
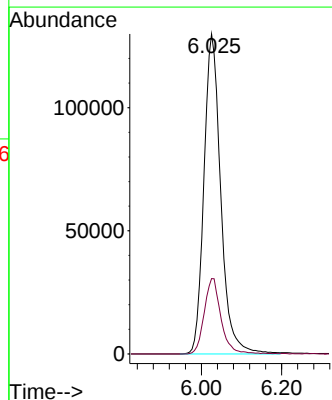
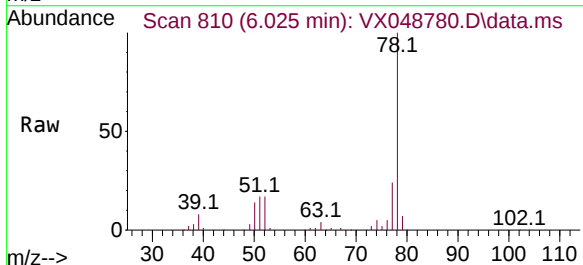
Instrument :
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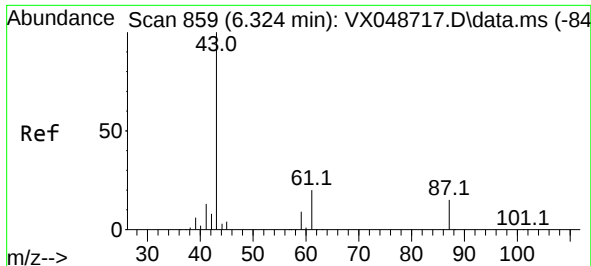
Tgt Ion:113 Resp: 118225
Ion Ratio Lower Upper
113 100
111 102.4 79.5 119.3
192 19.3 16.1 24.1



#40
Benzene
Concen: 36.573 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

Tgt Ion: 78 Resp: 377479
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

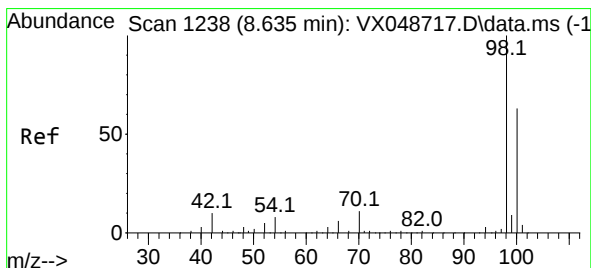
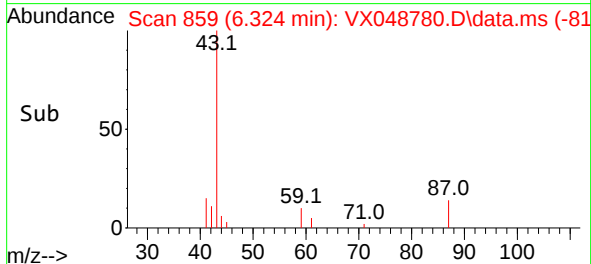
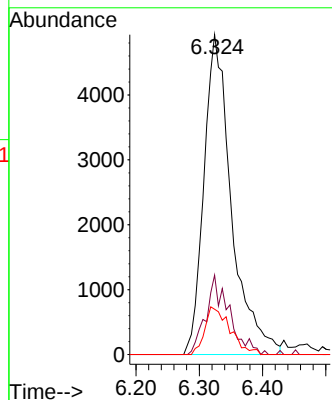
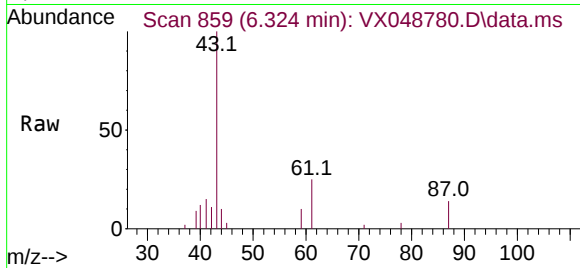




#43
Isopropyl Acetate
Concen: 2.367 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

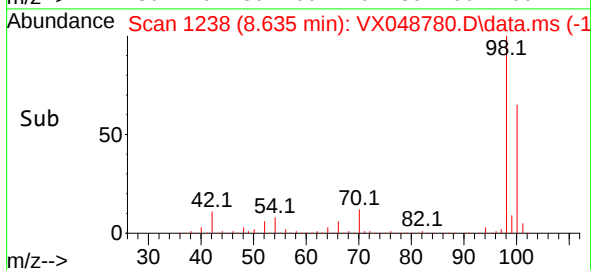
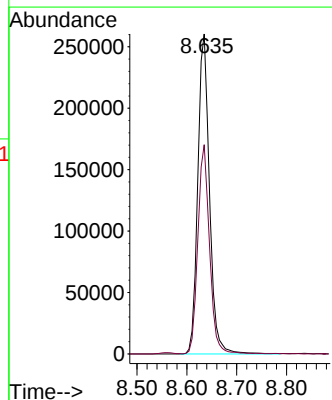
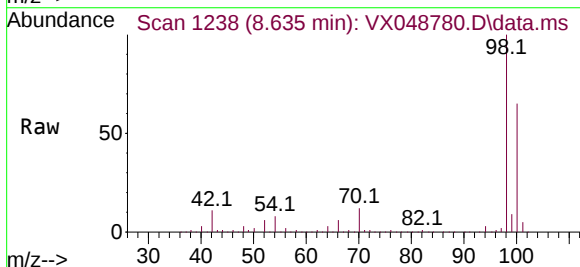
Instrument :
MSVOA_X
ClientSampleId :
CHASE-D

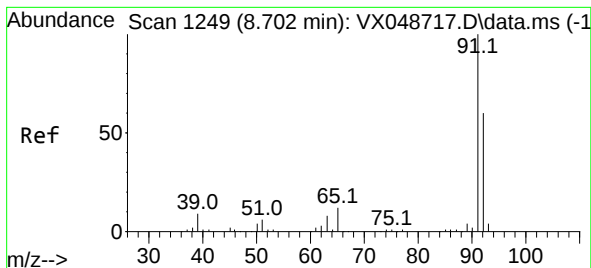
Tgt Ion:	43	Resp:	14909
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	13.7	11.8	17.6



#50
Toluene-d8
Concen: 47.461 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

Tgt Ion:	98	Resp:	422905
Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.4	80.0





#52

Toluene

Concen: 29.166 ug/l

RT: 8.702 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048780.D

Acq: 09 Dec 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

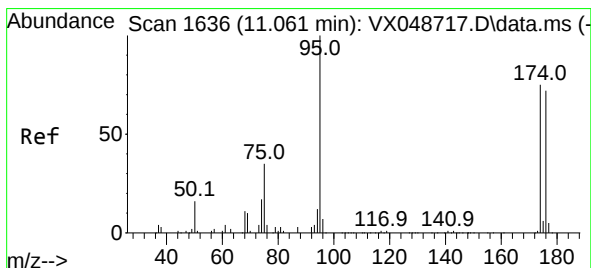
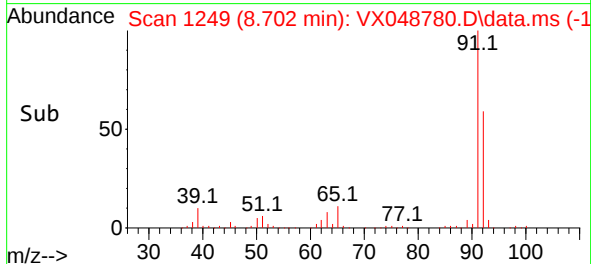
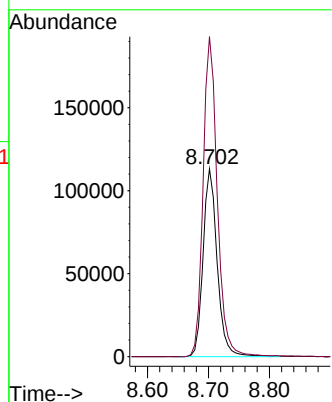
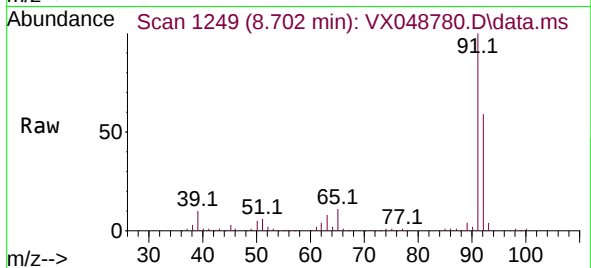
CHASE-D

Tgt Ion: 92 Resp: 181524

Ion Ratio Lower Upper

92 100

91 172.2 136.3 204.5



#62

4-Bromofluorobenzene

Concen: 60.624 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048780.D

Acq: 09 Dec 2025 13:47

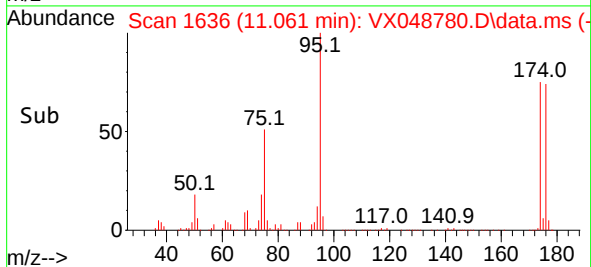
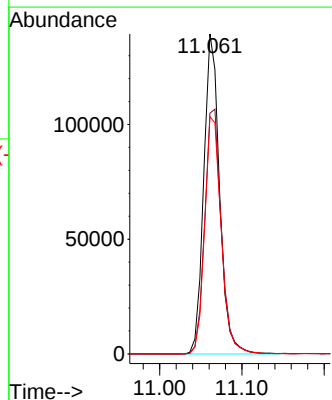
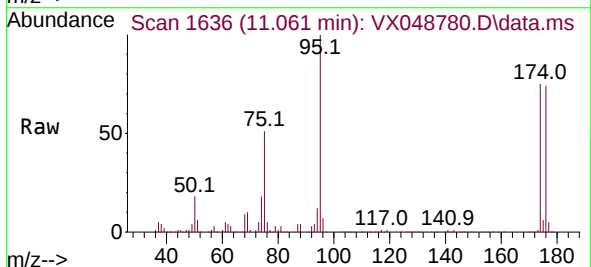
Tgt Ion: 95 Resp: 186279

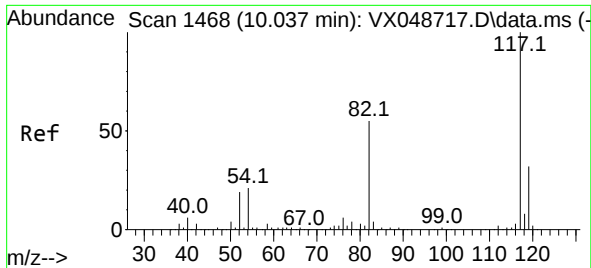
Ion Ratio Lower Upper

95 100

174 80.3 0.0 157.8

176 77.5 0.0 154.0

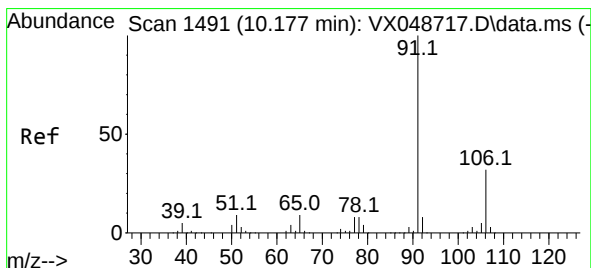
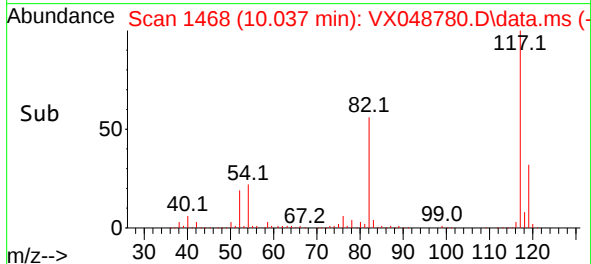
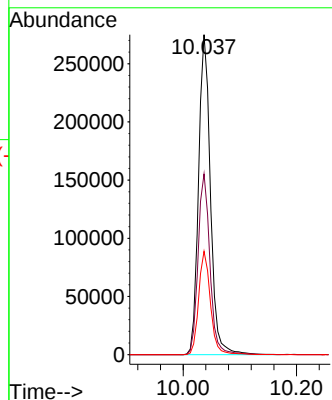
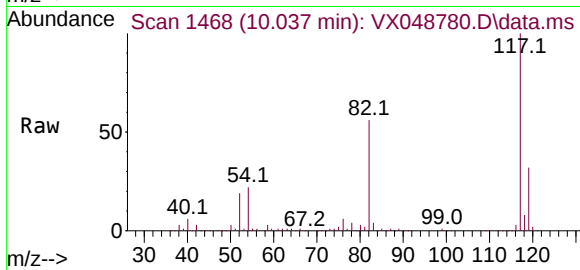




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

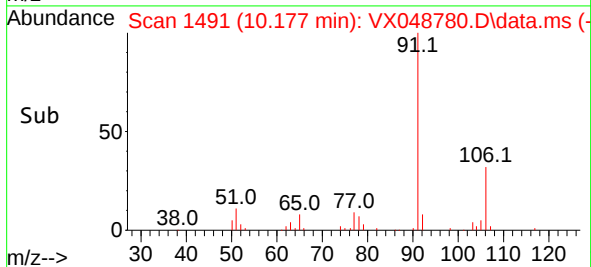
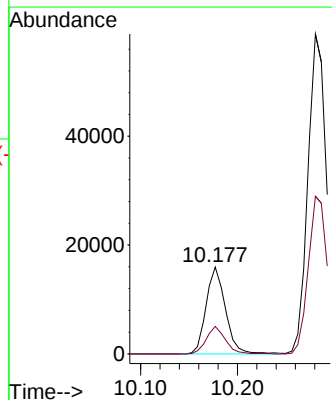
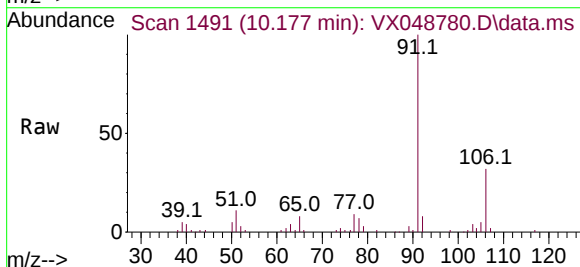
Instrument :
MSVOA_X
ClientSampleId :
CHASE-D

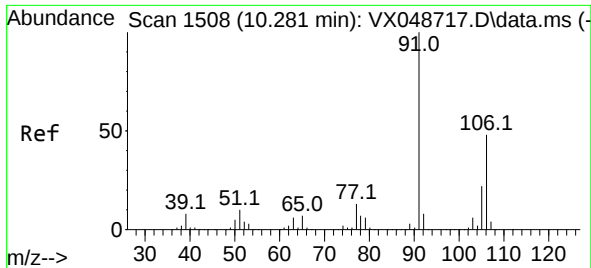
Tgt Ion:117 Resp: 399427
Ion Ratio Lower Upper
117 100
82 56.5 44.1 66.1
119 32.3 25.2 37.8



#67
Ethyl Benzene
Concen: 1.549 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

Tgt Ion: 91 Resp: 22101
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9

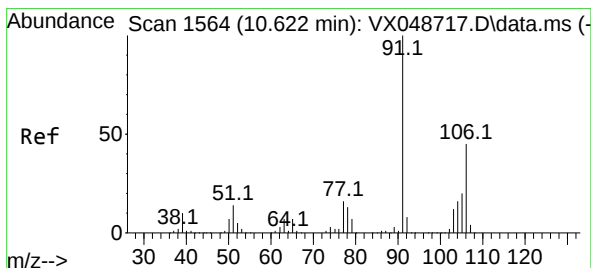
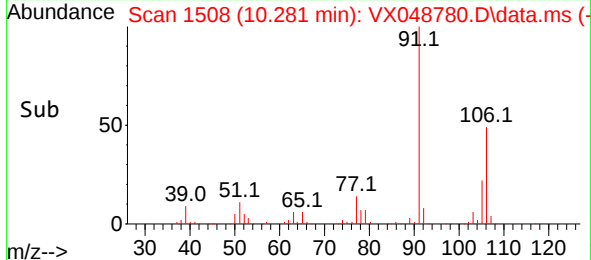
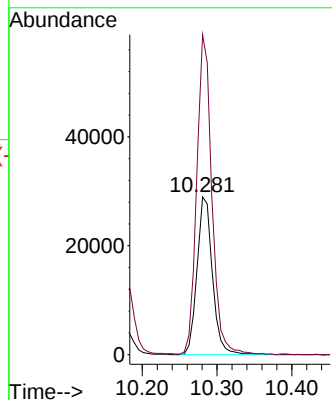
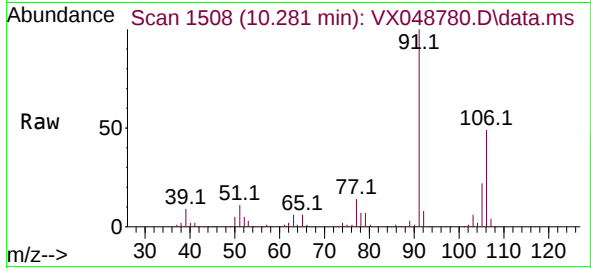




#68
m/p-Xylenes
Concen: 7.450 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

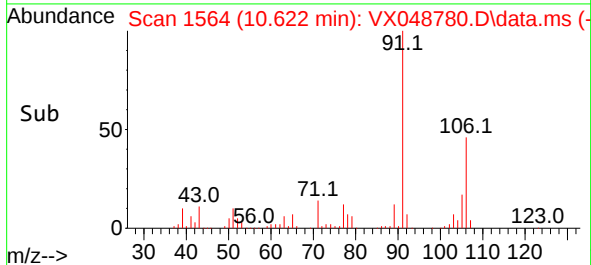
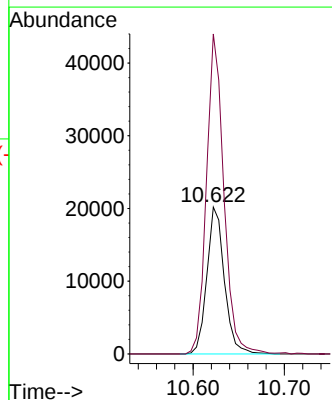
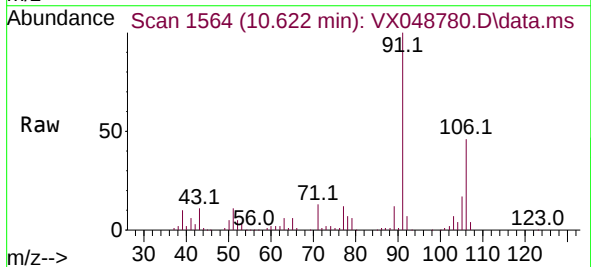
Instrument :
MSVOA_X
ClientSampleId :
CHASE-D

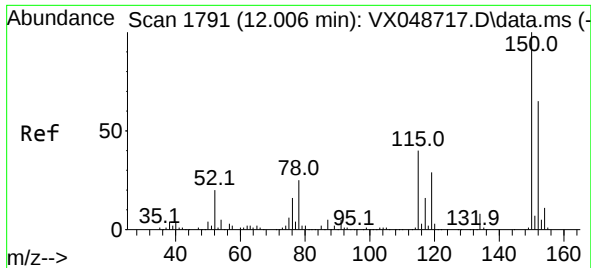
Tgt Ion:106 Resp: 41405
Ion Ratio Lower Upper
106 100
91 199.6 164.2 246.4



#69
o-Xylene
Concen: 5.166 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048780.D
Acq: 09 Dec 2025 13:47

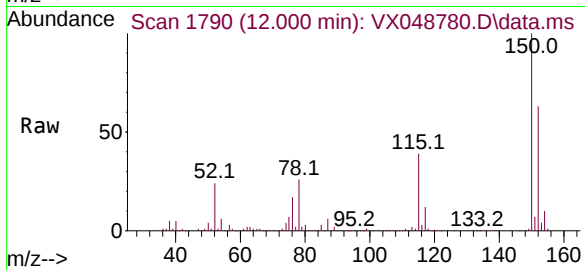
Tgt Ion:106 Resp: 26904
Ion Ratio Lower Upper
106 100
91 216.5 108.1 324.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.000 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048780.D
 Acq: 09 Dec 2025 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-D



Tgt Ion:152 Resp: 213078
 Ion Ratio Lower Upper
 152 100
 115 59.7 42.1 126.4
 150 157.7 0.0 347.8

