

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048782.D
 Acq On : 09 Dec 2025 14:27
 Operator : JC/MD
 Sample : Q3803-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-F

Quant Time: Dec 10 00:22:41 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)

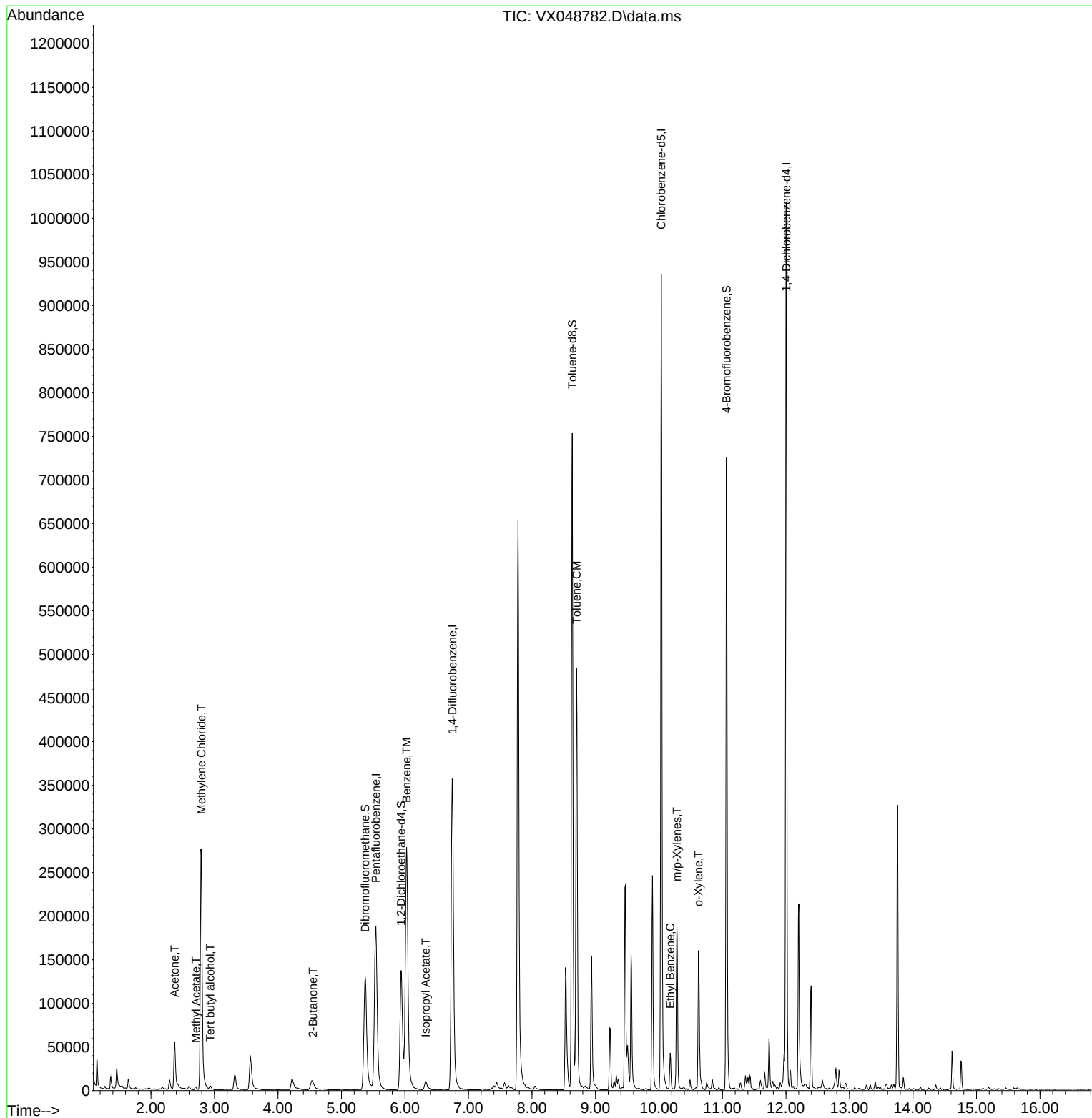
Internal Standards						
1) Pentafluorobenzene	5.544	168	201717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	411960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	436809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	231247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	148134	54.714	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.420%	
35) Dibromofluoromethane	5.373	113	131620	46.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.800%	
50) Toluene-d8	8.635	98	477886	48.063	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	11.061	95	206772	60.308	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	4160	9.517	ug/l #	93
16) Acetone	2.373	43	77452	74.728	ug/l	96
18) Methyl Acetate	2.709	43	4740	1.625	ug/l	94
20) Methylene Chloride	2.794	84	144175	55.652	ug/l	98
25) 2-Butanone	4.550	43	10536	6.888	ug/l	93
40) Benzene	6.025	78	371382	32.247	ug/l	99
43) Isopropyl Acetate	6.324	43	16047	2.283	ug/l	95
52) Toluene	8.702	92	193241	27.825	ug/l	99
67) Ethyl Benzene	10.177	91	25591	1.640	ug/l	99
68) m/p-Xylenes	10.281	106	45171	7.433	ug/l	95
69) o-Xylene	10.622	106	31904	5.602	ug/l	97

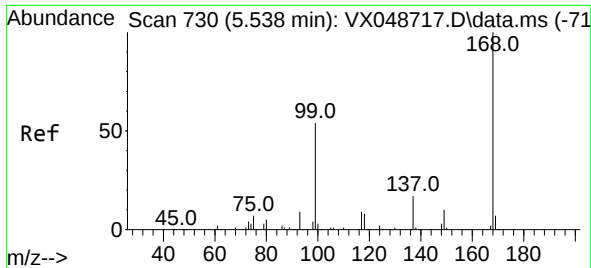
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
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Quant Time: Dec 10 00:22:41 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

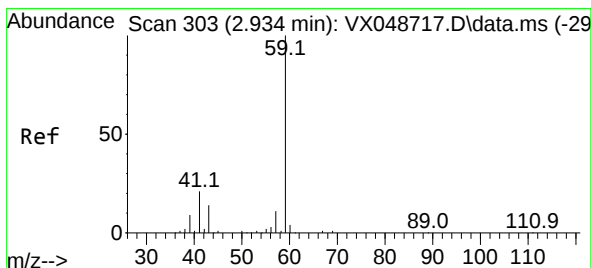
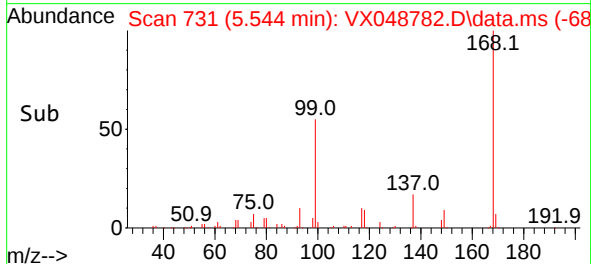
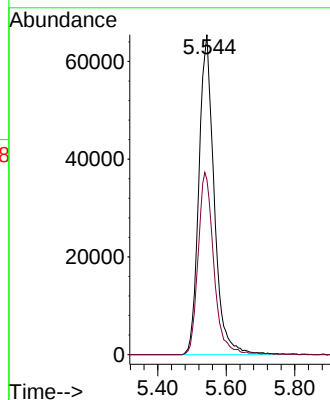
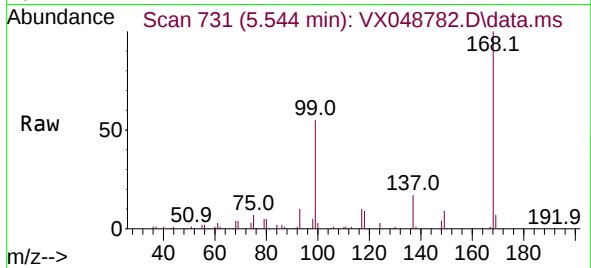




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

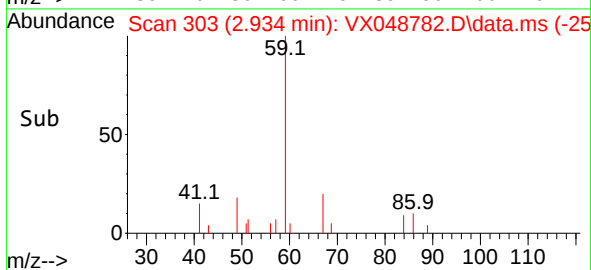
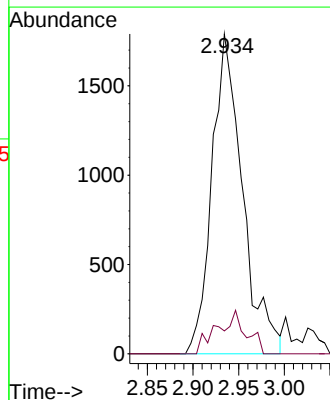
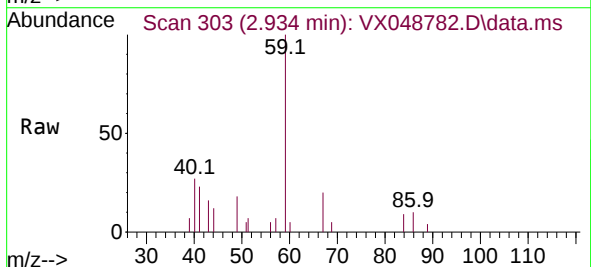
Instrument :
MSVOA_X
ClientSampleId :
CHASE-F

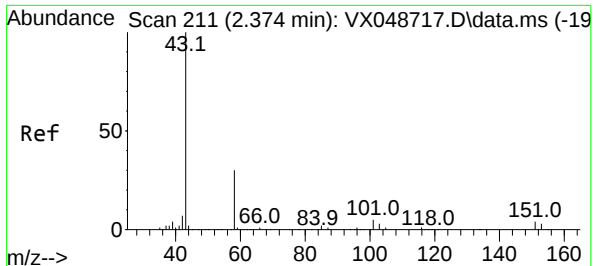
Tgt Ion:168 Resp: 201717
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 9.517 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

Tgt Ion: 59 Resp: 4160
Ion Ratio Lower Upper
59 100
57 12.7 8.1 12.1#

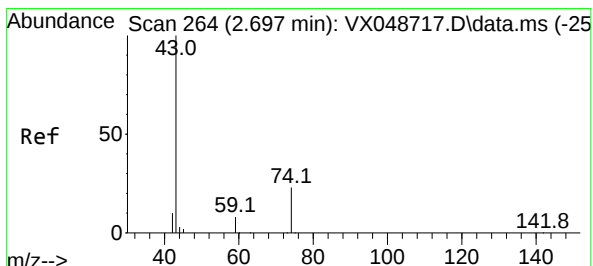
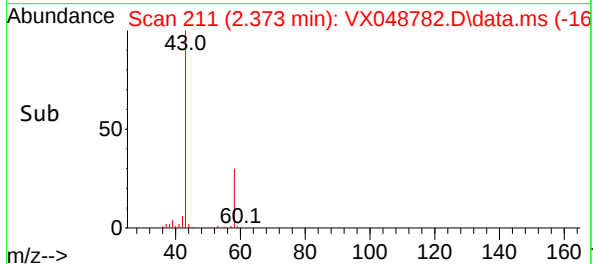
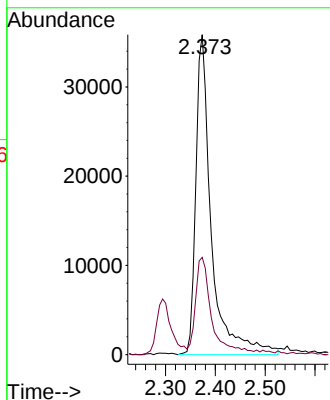
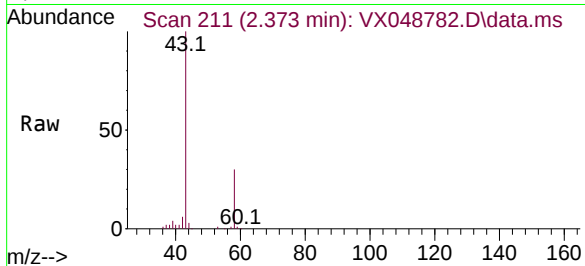




#16
Acetone
Concen: 74.728 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

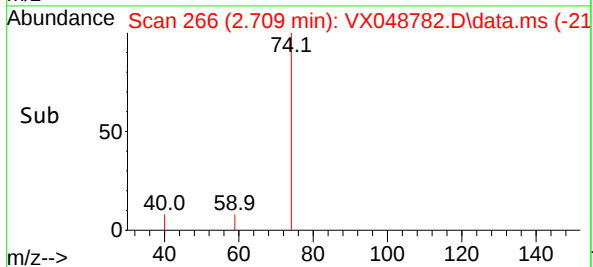
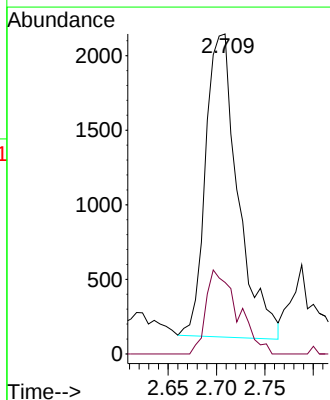
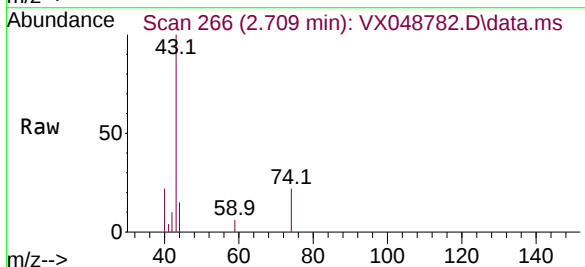
Instrument :
MSVOA_X
ClientSampleId :
CHASE-F

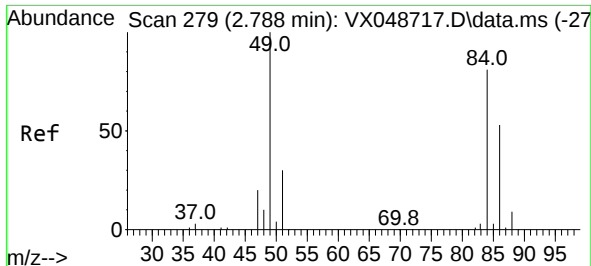
Tgt Ion: 43 Resp: 77452
Ion Ratio Lower Upper
43 100
58 29.2 25.0 37.4



#18
Methyl Acetate
Concen: 1.625 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

Tgt Ion: 43 Resp: 4740
Ion Ratio Lower Upper
43 100
74 27.1 19.2 28.8

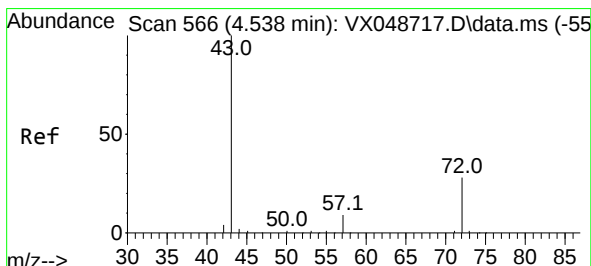
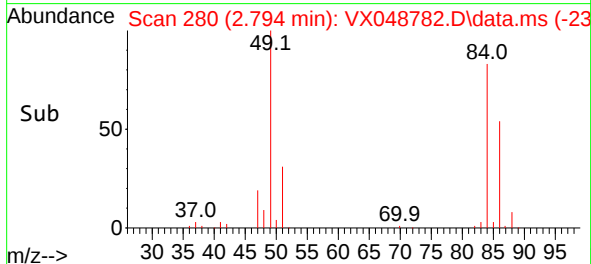
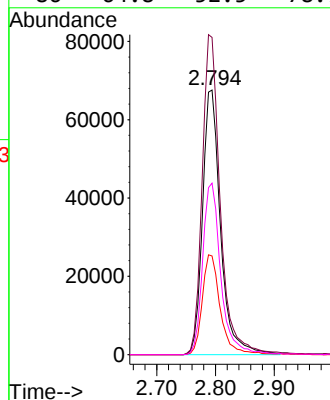
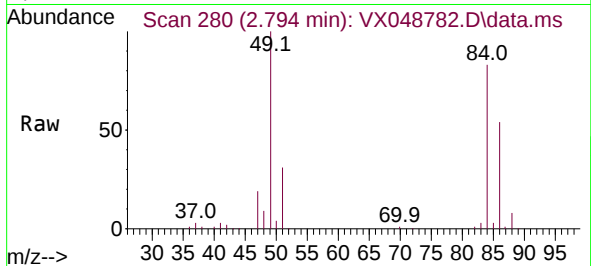




#20
Methylene Chloride
Concen: 55.652 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

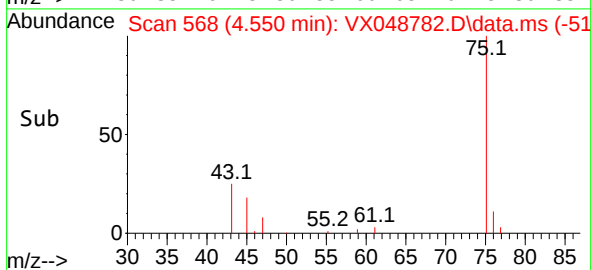
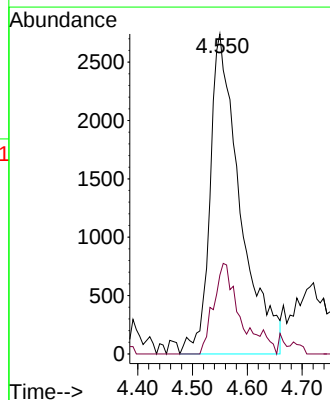
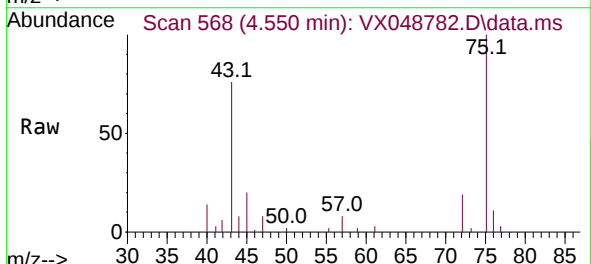
Instrument :
MSVOA_X
ClientSampleId :
CHASE-F

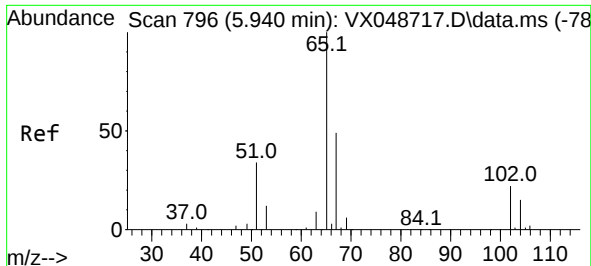
Tgt Ion: 84	Resp: 144175
Ion Ratio	Lower Upper
84 100	
49 119.9	98.7 148.1
51 37.3	29.4 44.2
86 64.8	52.5 78.7



#25
2-Butanone
Concen: 6.888 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

Tgt Ion: 43	Resp: 10536
Ion Ratio	Lower Upper
43 100	
72 24.6	22.6 34.0





#33

1,2-Dichloroethane-d4

Concen: 54.714 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048782.D

Acq: 09 Dec 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

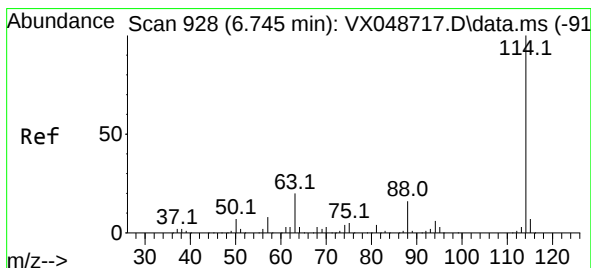
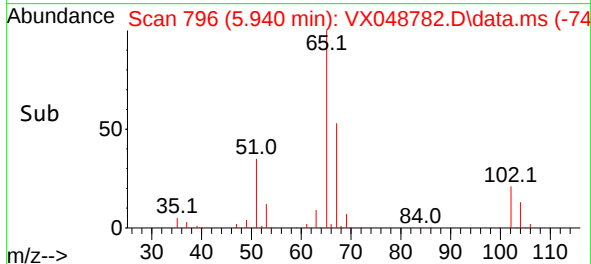
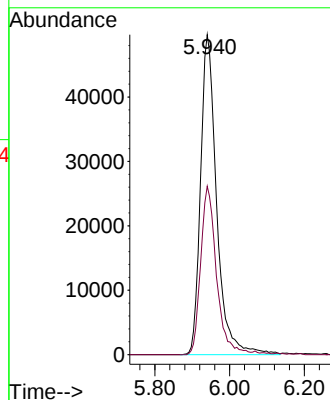
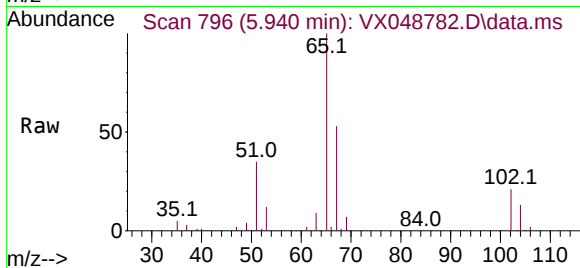
CHASE-F

Tgt Ion: 65 Resp: 148134

Ion Ratio Lower Upper

65 100

67 51.6 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: VX048782.D

Acq: 09 Dec 2025 14:27

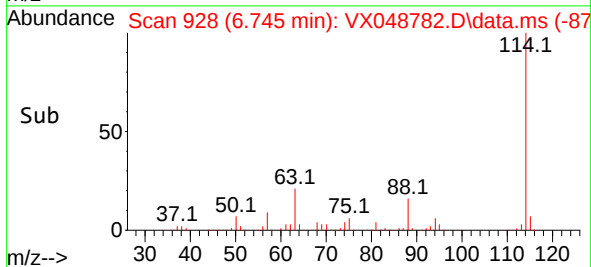
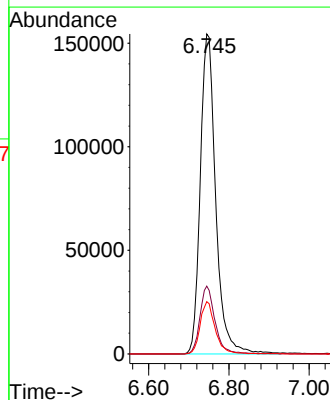
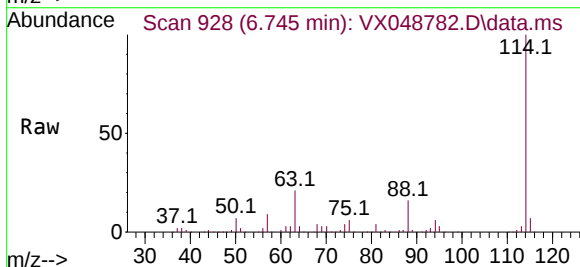
Tgt Ion: 114 Resp: 411960

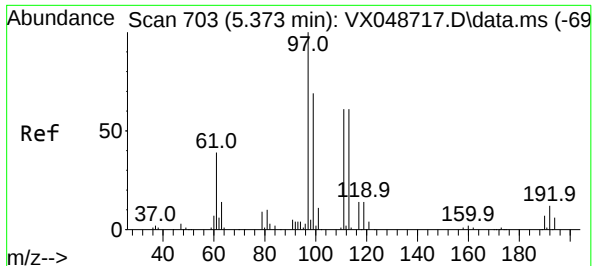
Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.0

88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.402 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048782.D

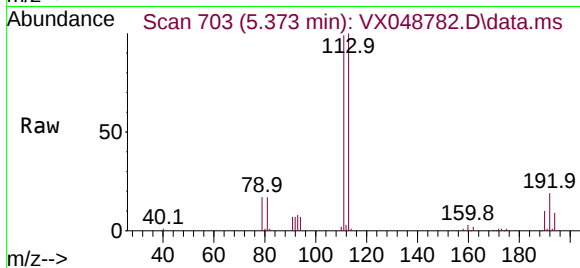
Acq: 09 Dec 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

CHASE-F



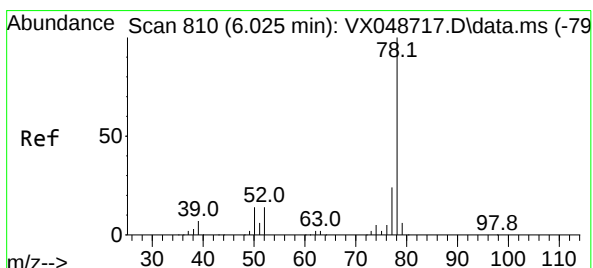
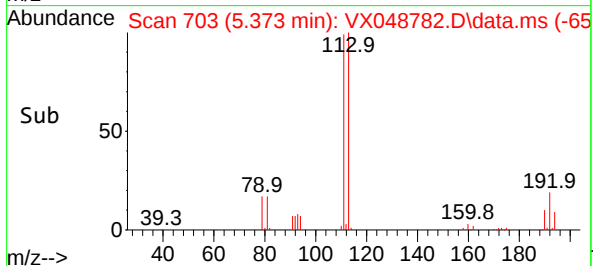
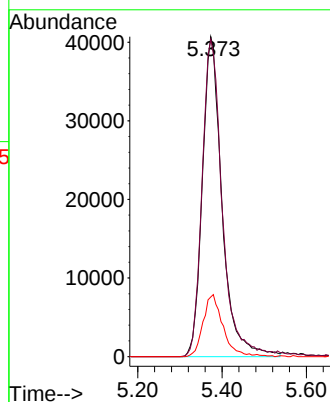
Tgt Ion:113 Resp: 131620

Ion Ratio Lower Upper

113 100

111 101.3 79.5 119.3

192 19.6 16.1 24.1



#40

Benzene

Concen: 32.247 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048782.D

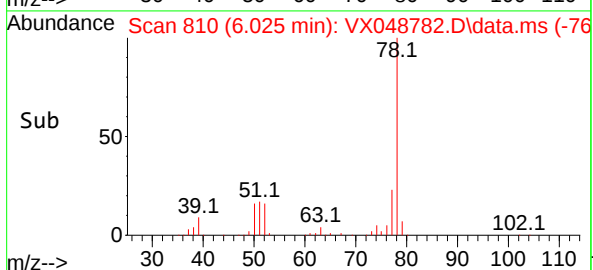
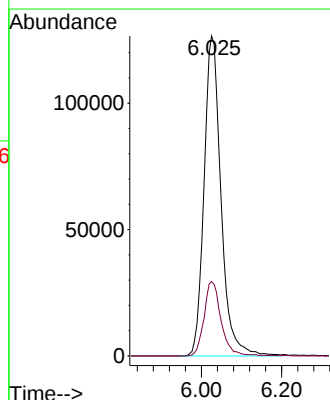
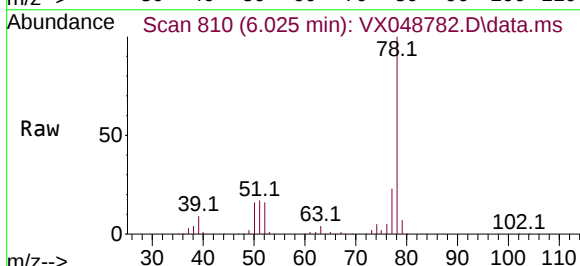
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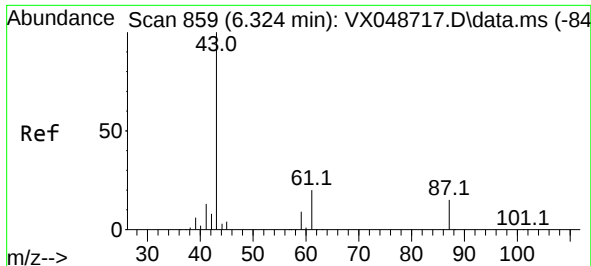
Tgt Ion: 78 Resp: 371382

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

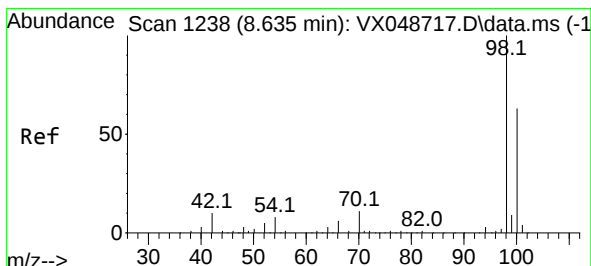
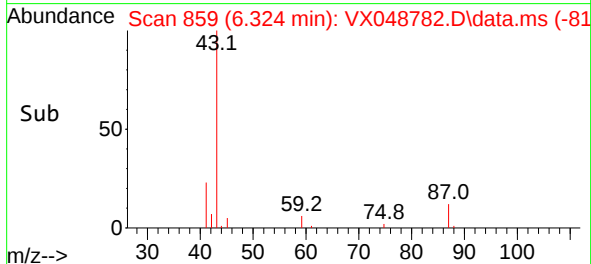
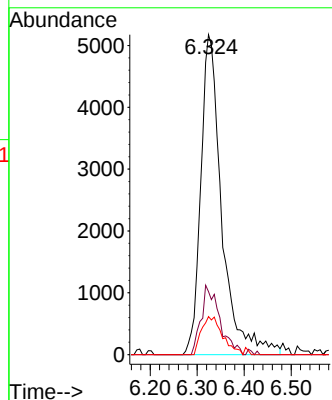
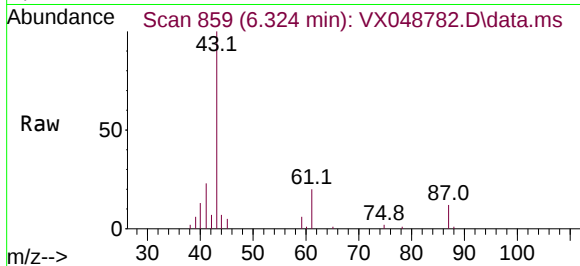




#43
Isopropyl Acetate
Concen: 2.283 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

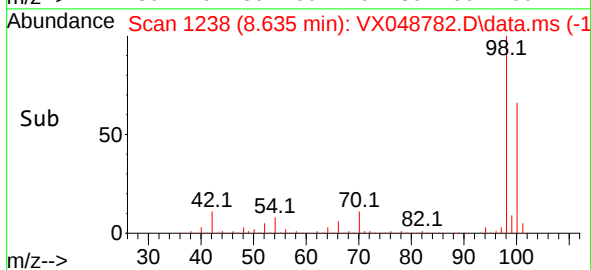
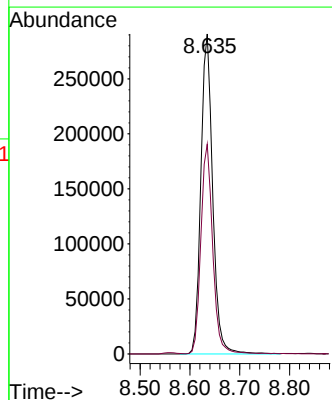
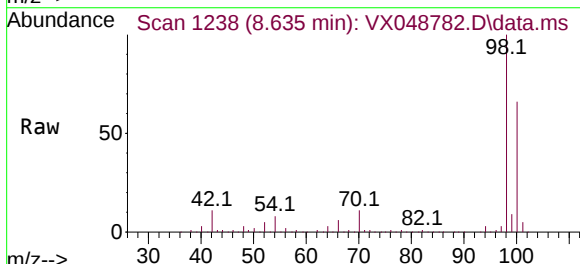
Instrument :
MSVOA_X
ClientSampleId :
CHASE-F

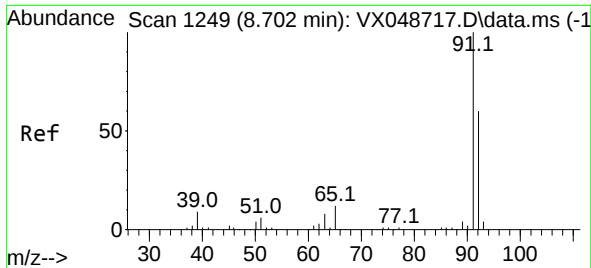
Tgt Ion: 43	Resp: 16047
Ion Ratio	Lower Upper
43 100	
61 19.2	16.8 25.2
87 11.9	11.8 17.6



#50
Toluene-d8
Concen: 48.063 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

Tgt Ion: 98	Resp: 477886
Ion Ratio	Lower Upper
98 100	
100 65.5	53.4 80.0

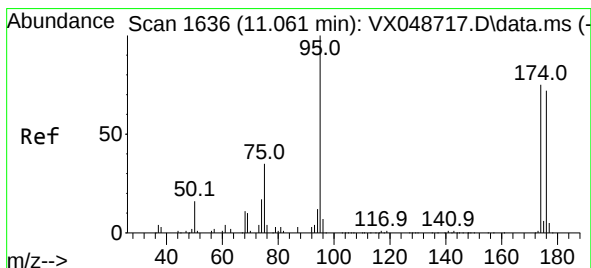
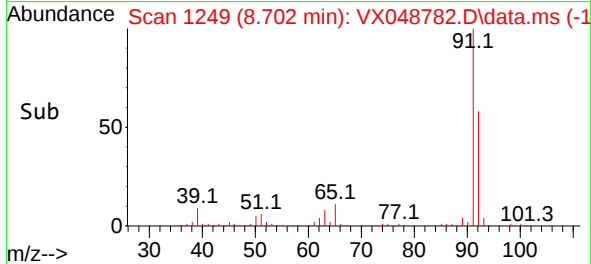
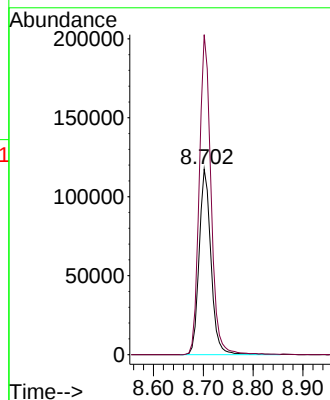
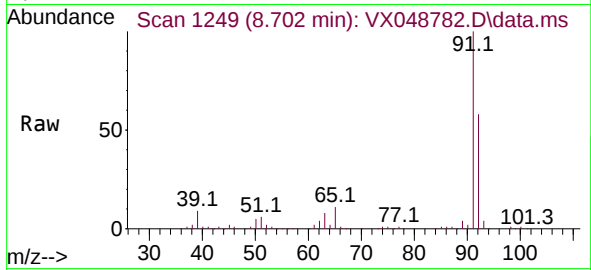




#52
Toluene
Concen: 27.825 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

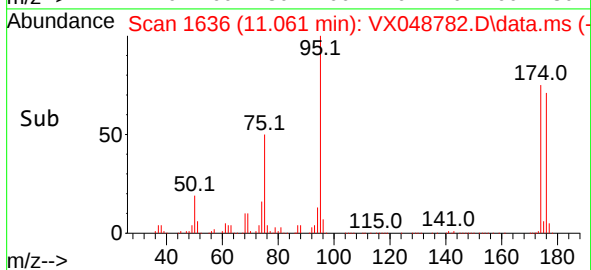
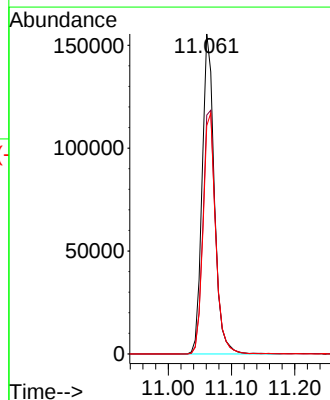
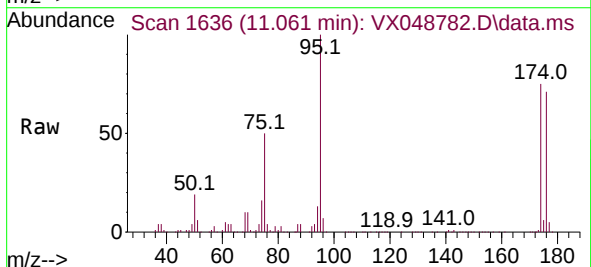
Instrument :
MSVOA_X
ClientSampleId :
CHASE-F

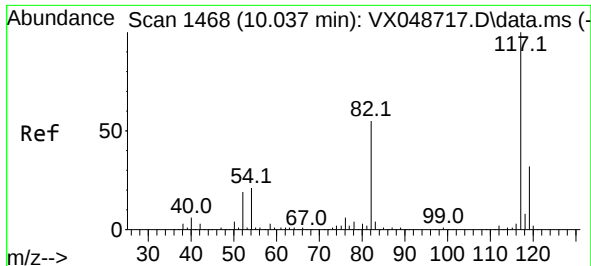
Tgt Ion: 92 Resp: 193241
Ion Ratio Lower Upper
92 100
91 171.3 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 60.308 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

Tgt Ion: 95 Resp: 206772
Ion Ratio Lower Upper
95 100
174 79.3 0.0 157.8
176 77.4 0.0 154.0

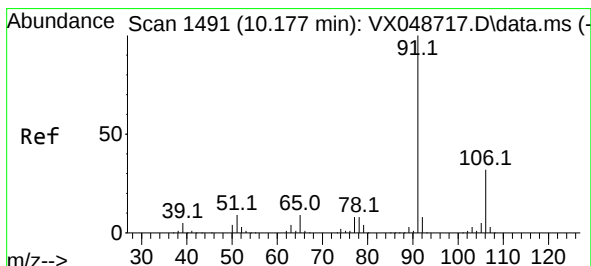
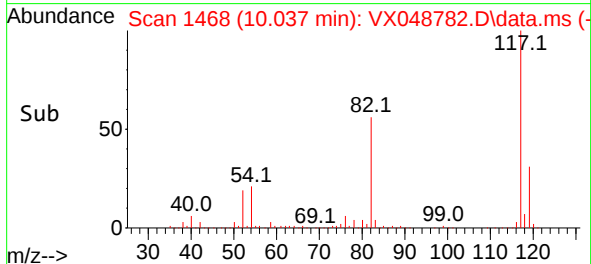
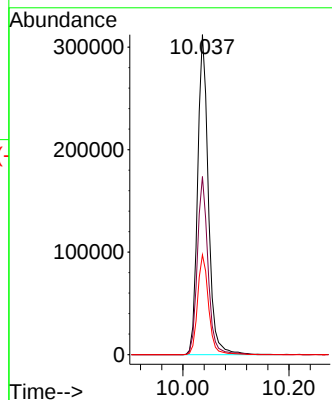
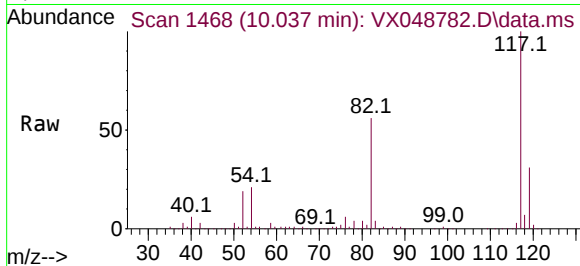




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

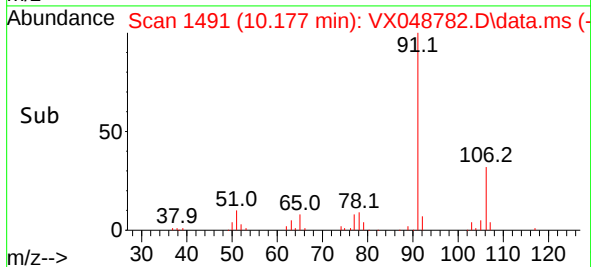
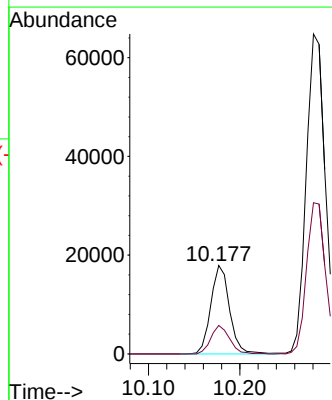
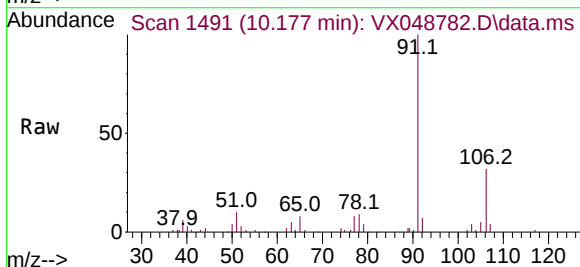
Instrument :
MSVOA_X
ClientSampleId :
CHASE-F

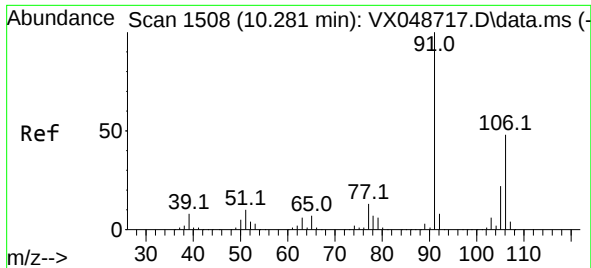
Tgt Ion:117 Resp: 436809
Ion Ratio Lower Upper
117 100
82 55.6 44.1 66.1
119 31.2 25.2 37.8



#67
Ethyl Benzene
Concen: 1.640 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

Tgt Ion: 91 Resp: 25591
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9

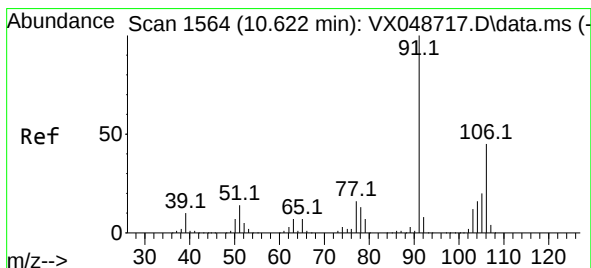
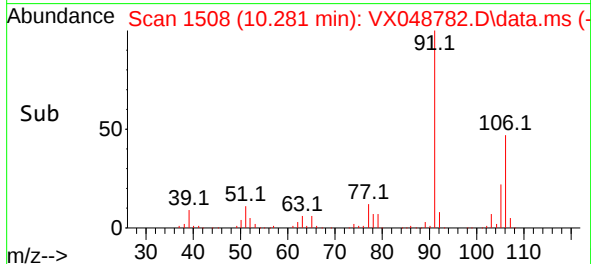
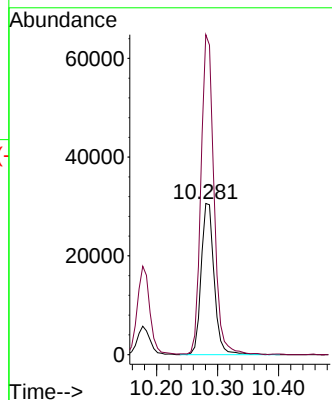
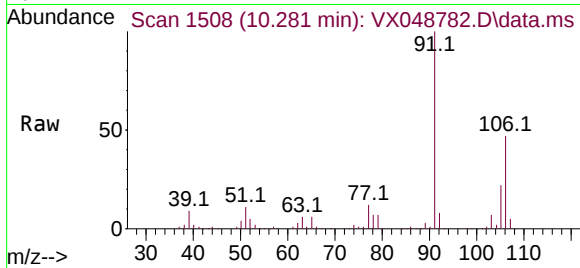




#68
m/p-Xylenes
Concen: 7.433 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

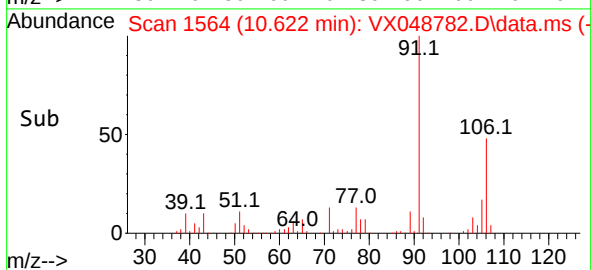
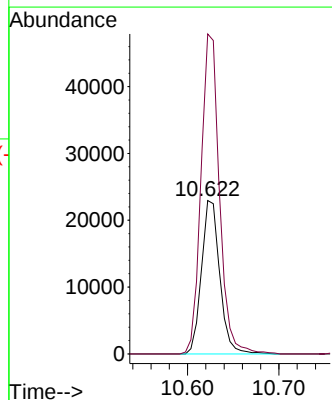
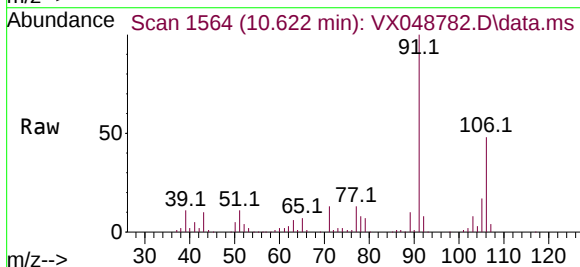
Instrument :
MSVOA_X
ClientSampleId :
CHASE-F

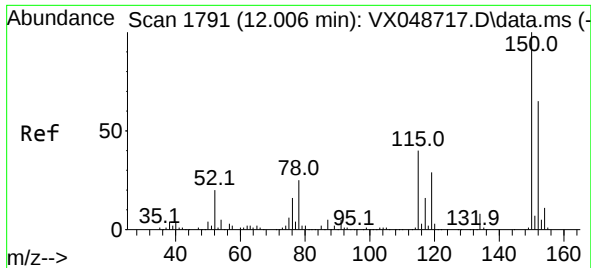
Tgt Ion:106 Resp: 45171
Ion Ratio Lower Upper
106 100
91 212.8 164.2 246.4



#69
o-Xylene
Concen: 5.602 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048782.D
Acq: 09 Dec 2025 14:27

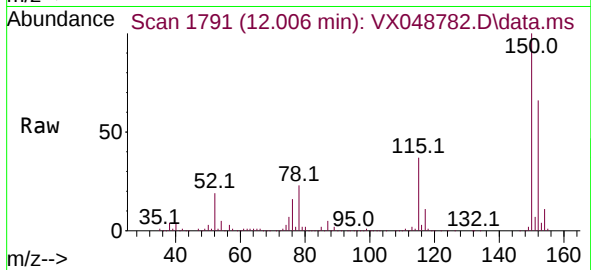
Tgt Ion:106 Resp: 31904
Ion Ratio Lower Upper
106 100
91 210.8 108.1 324.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048782.D
 Acq: 09 Dec 2025 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-F



Tgt Ion:152 Resp: 231247
 Ion Ratio Lower Upper
 152 100
 115 58.6 42.1 126.4
 150 156.8 0.0 347.8

