

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048781.D
 Acq On : 09 Dec 2025 14:07
 Operator : JC/MD
 Sample : Q3803-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-E

Quant Time: Dec 10 00:22:06 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)

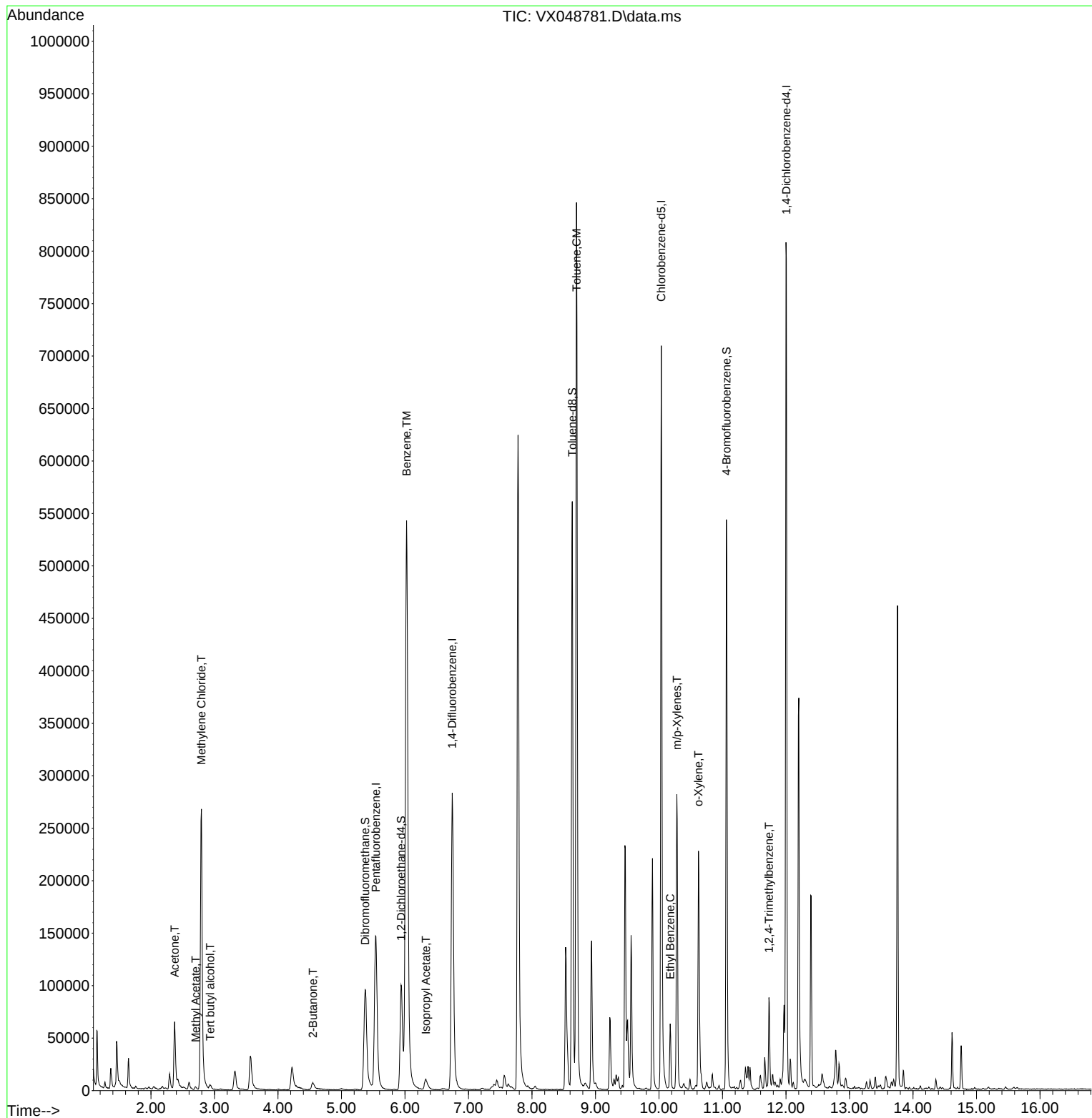
Internal Standards						
1) Pentafluorobenzene	5.543	168	154092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	319884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	331882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	182415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108937	52.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.340%
35) Dibromofluoromethane	5.373	113	99549	45.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.400%
50) Toluene-d8	8.634	98	356333	46.154	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.300%
62) 4-Bromofluorobenzene	11.061	95	155819	58.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.060%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.934	59	4950	14.824	ug/l	99
16) Acetone	2.373	43	87747	110.827	ug/l	99
18) Methyl Acetate	2.703	43	3719	1.669	ug/l	100
20) Methylene Chloride	2.794	84	137957	69.711	ug/l	99
25) 2-Butanone	4.550	43	12190	10.432	ug/l	90
40) Benzene	6.025	78	724968	81.067	ug/l	98
43) Isopropyl Acetate	6.330	43	15406	2.823	ug/l	96
52) Toluene	8.701	92	325876	60.430	ug/l	99
67) Ethyl Benzene	10.177	91	37558	3.168	ug/l	92
68) m/p-Xylenes	10.280	106	68821	14.904	ug/l	99
69) o-Xylene	10.622	106	45531	10.523	ug/l	100
84) 1,2,4-Trimethylbenzene	11.731	105	35785	3.511	ug/l	79

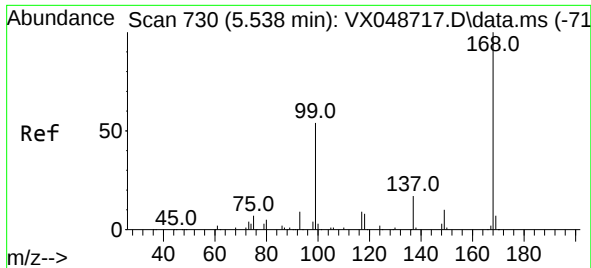
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
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QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

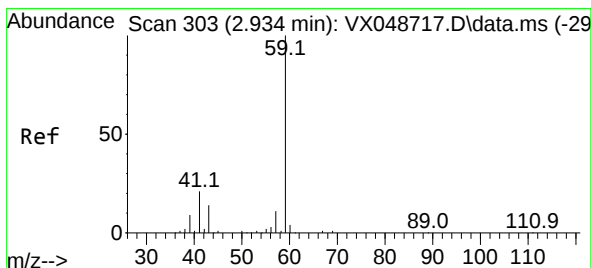
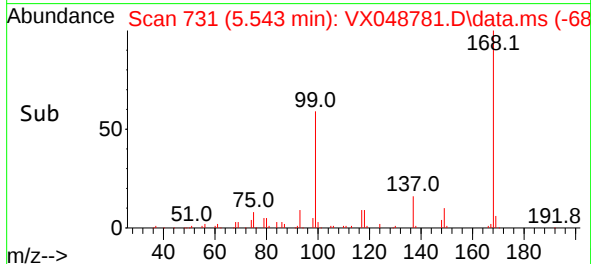
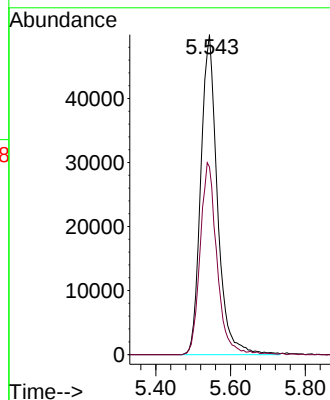
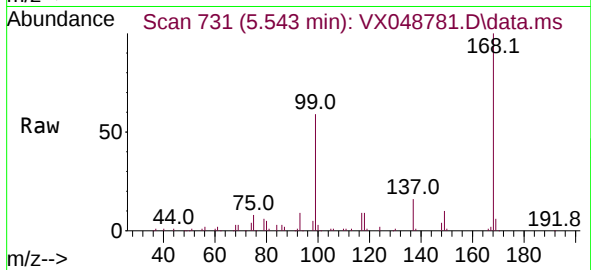




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

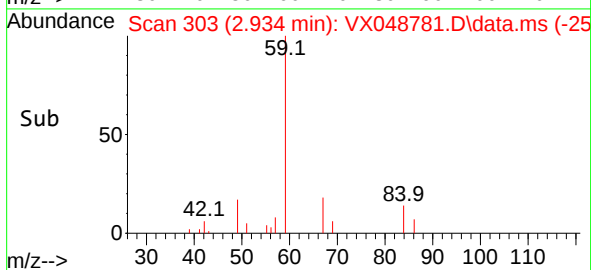
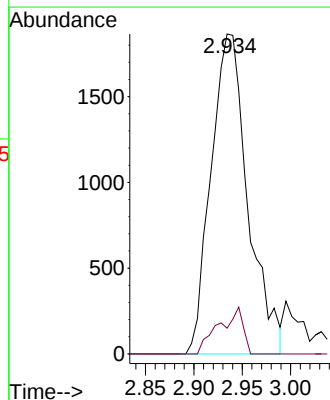
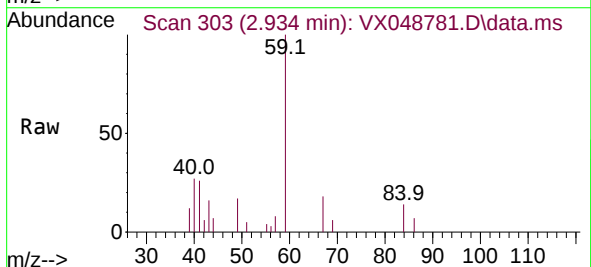
Instrument :
MSVOA_X
ClientSampleId :
CHASE-E

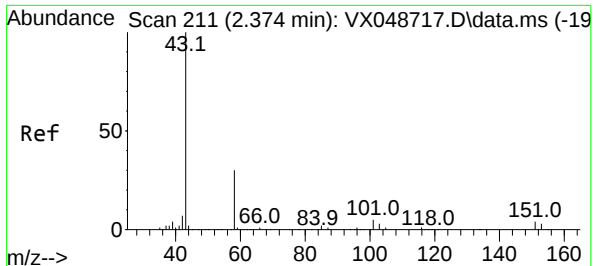
Tgt Ion:168 Resp: 154092
Ion Ratio Lower Upper
168 100
99 58.6 44.2 66.4



#11
Tert butyl alcohol
Concen: 14.824 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

Tgt Ion: 59 Resp: 4950
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

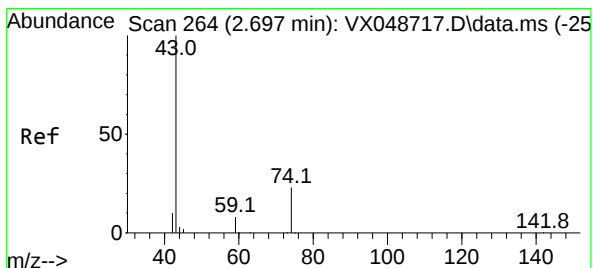
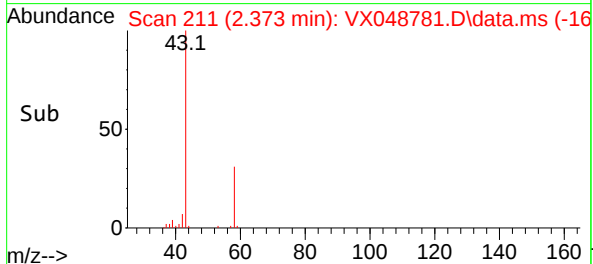
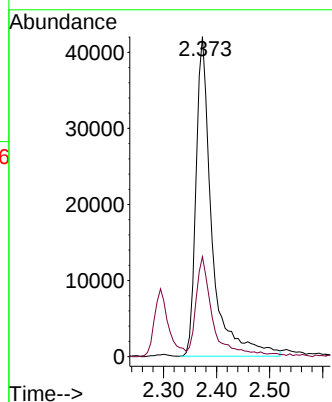
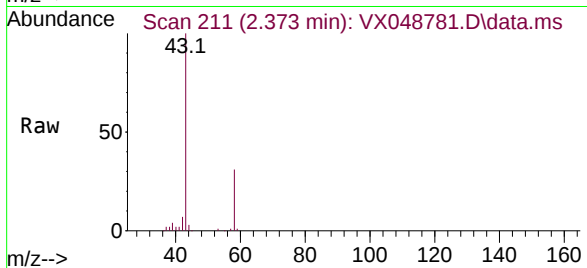




#16
Acetone
Concen: 110.827 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

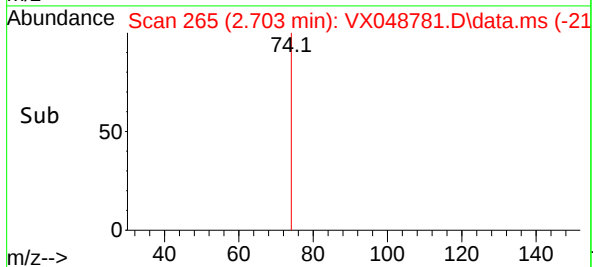
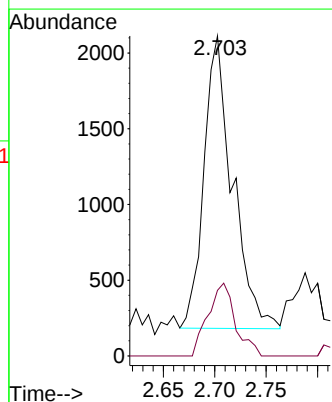
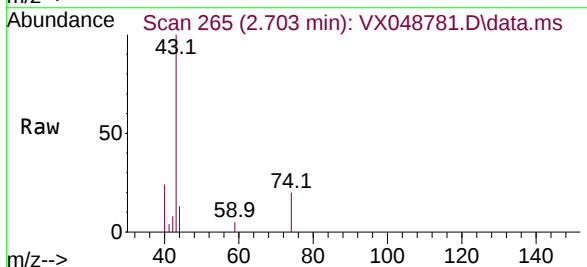
Instrument :
MSVOA_X
ClientSampleId :
CHASE-E

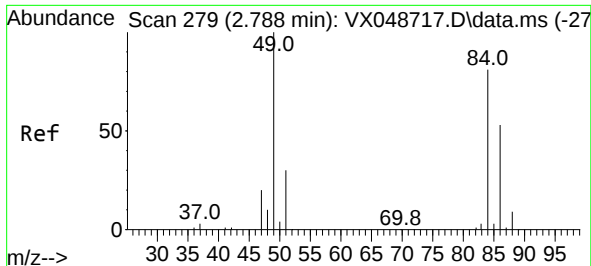
Tgt Ion: 43 Resp: 87747
Ion Ratio Lower Upper
43 100
58 30.6 25.0 37.4



#18
Methyl Acetate
Concen: 1.669 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

Tgt Ion: 43 Resp: 3719
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8



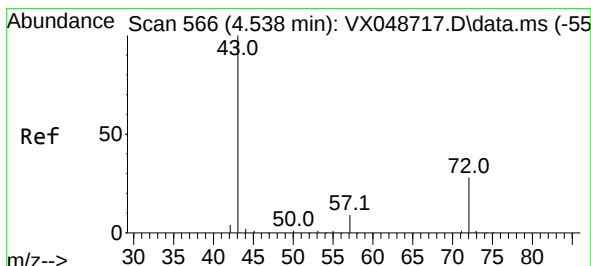
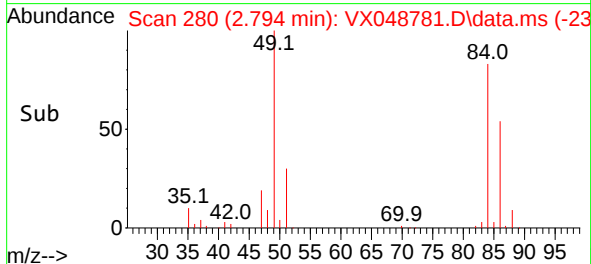
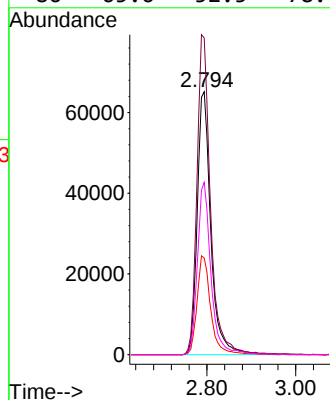
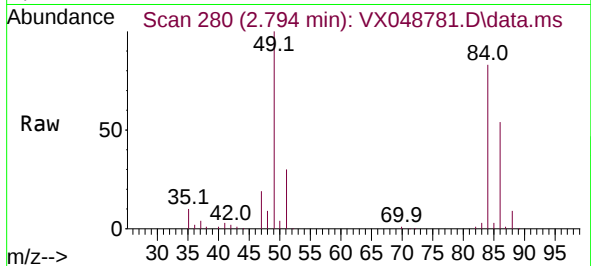


#20
Methylene Chloride
Concen: 69.711 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
CHASE-E

Tgt Ion: 84 Resp: 137957

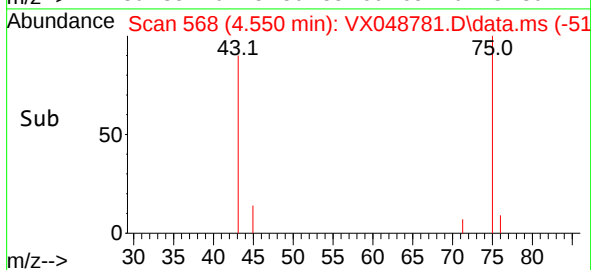
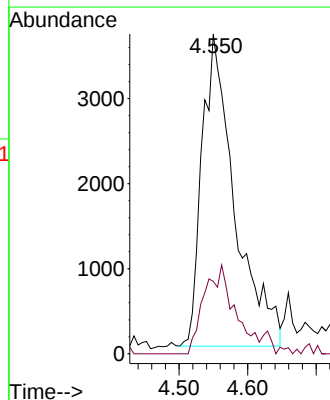
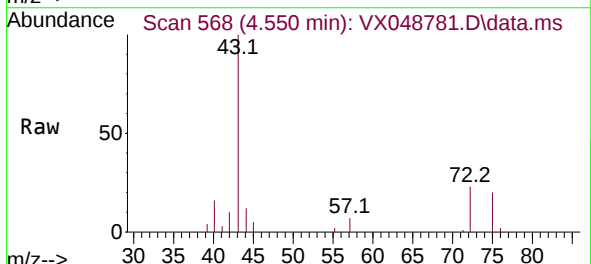
Ion	Ratio	Lower	Upper
84	100		
49	120.6	98.7	148.1
51	36.7	29.4	44.2
86	65.6	52.5	78.7

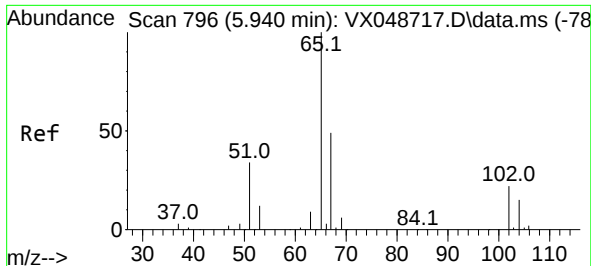


#25
2-Butanone
Concen: 10.432 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

Tgt Ion: 43 Resp: 12190

Ion	Ratio	Lower	Upper
43	100		
72	23.2	22.6	34.0

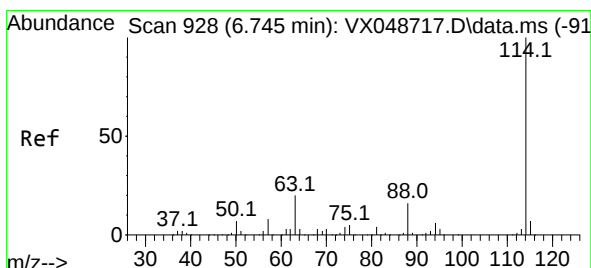
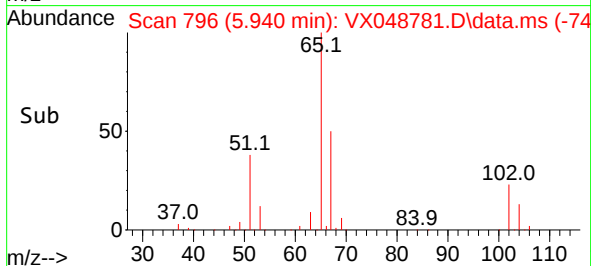
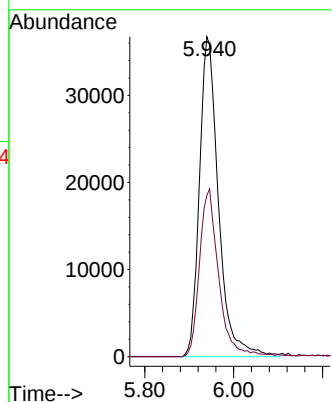
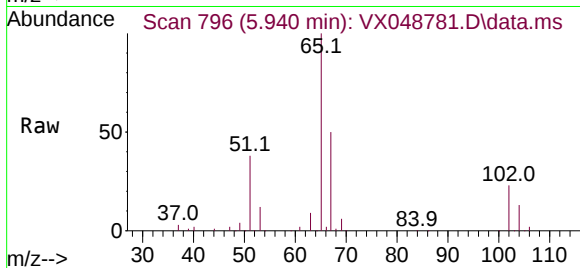




#33
 1,2-Dichloroethane-d4
 Concen: 52.672 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048781.D
 Acq: 09 Dec 2025 14:07

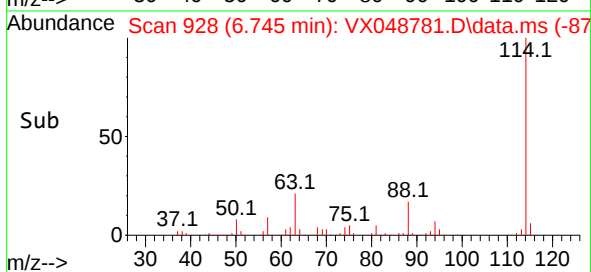
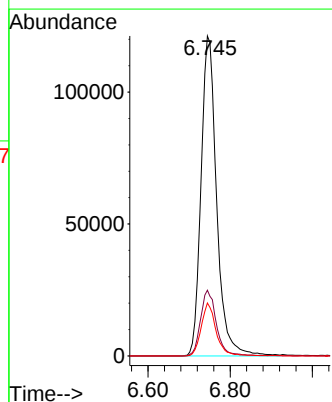
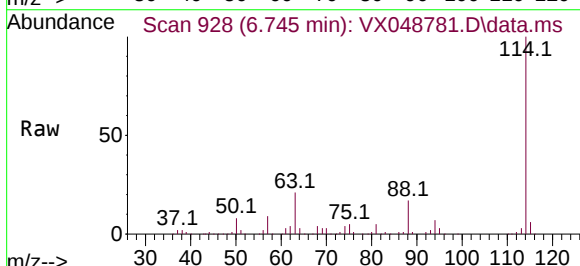
Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-E

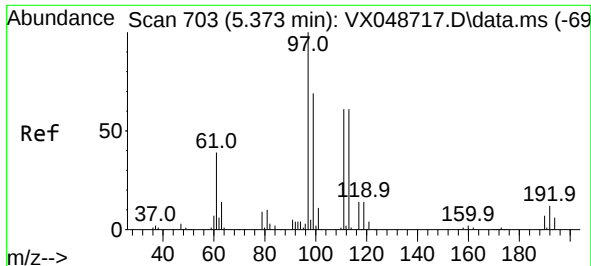
Tgt Ion: 65 Resp: 108937
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048781.D
 Acq: 09 Dec 2025 14:07

Tgt Ion: 114 Resp: 319884
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.198 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048781.D

Acq: 09 Dec 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

CHASE-E

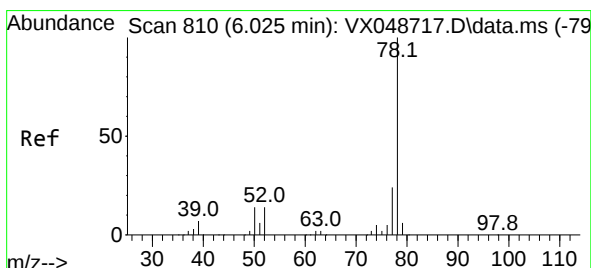
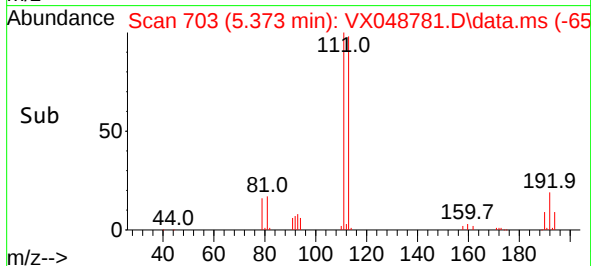
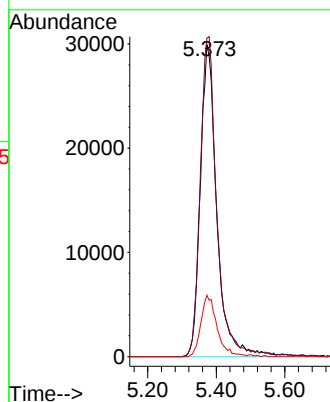
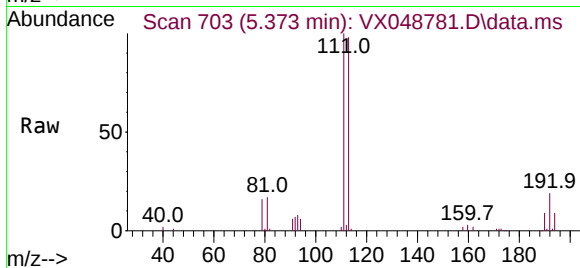
Tgt Ion:113 Resp: 99549

Ion Ratio Lower Upper

113 100

111 102.0 79.5 119.3

192 19.2 16.1 24.1



#40

Benzene

Concen: 81.067 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048781.D

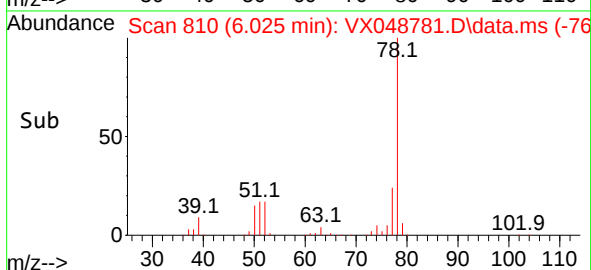
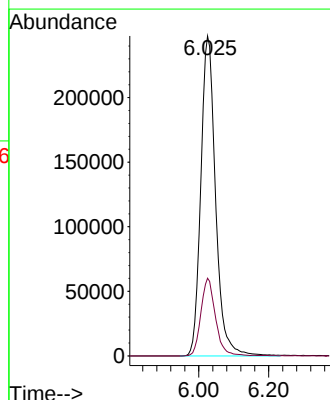
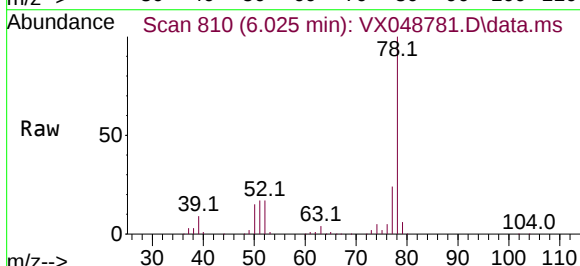
Acq: 09 Dec 2025 14:07

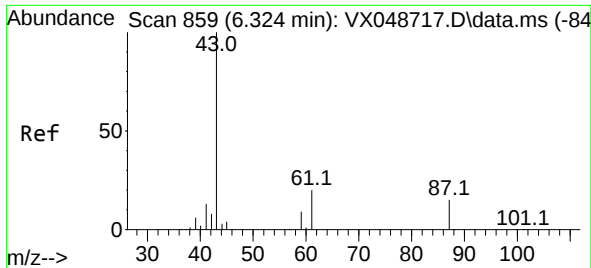
Tgt Ion: 78 Resp: 724968

Ion Ratio Lower Upper

78 100

77 24.3 18.8 28.2

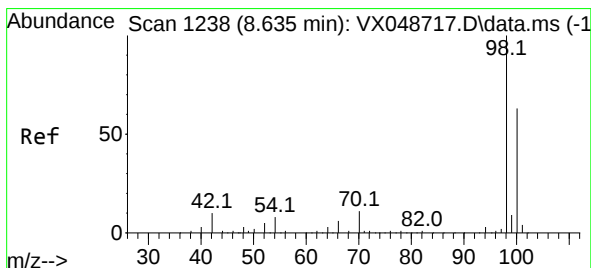
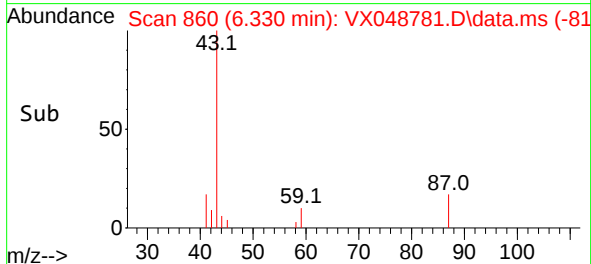
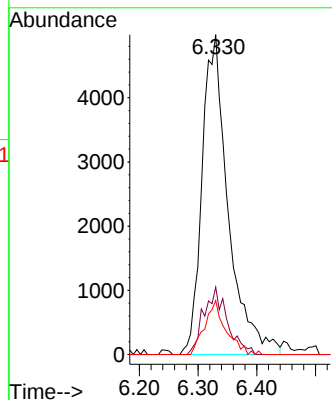
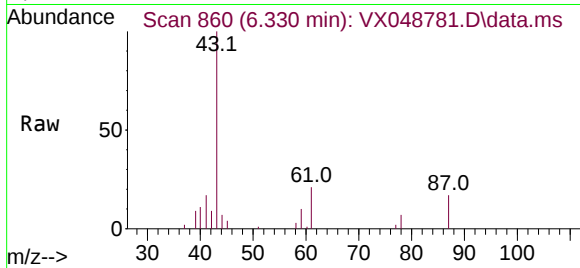




#43
Isopropyl Acetate
Concen: 2.823 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

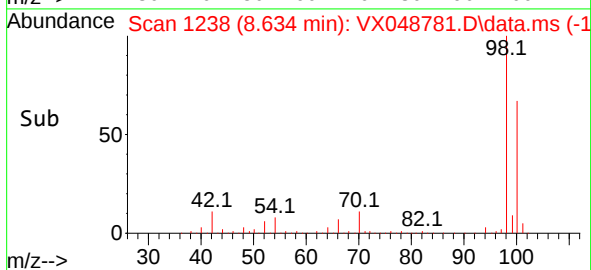
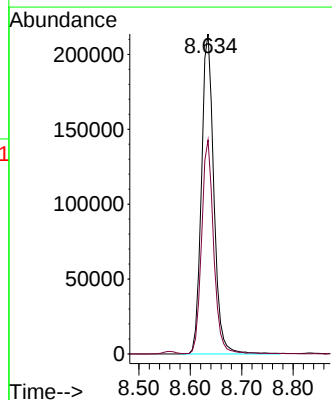
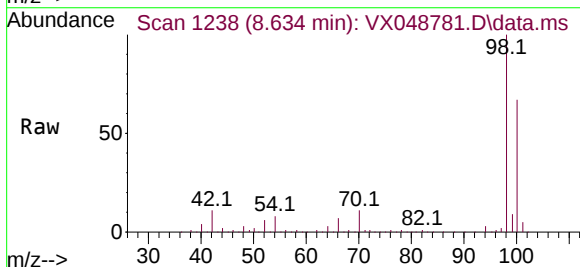
Instrument :
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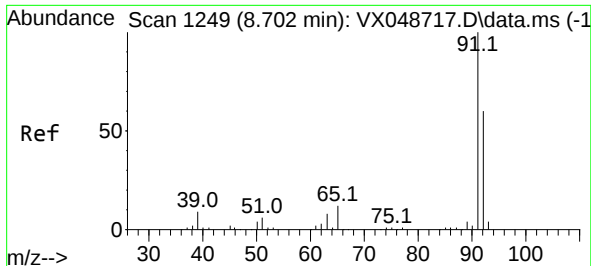
Tgt Ion: 43	Resp: 15406
Ion Ratio	Lower Upper
43 100	
61 18.9	16.8 25.2
87 13.7	11.8 17.6



#50
Toluene-d8
Concen: 46.154 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

Tgt Ion: 98	Resp: 356333
Ion Ratio	Lower Upper
98 100	
100 64.8	53.4 80.0

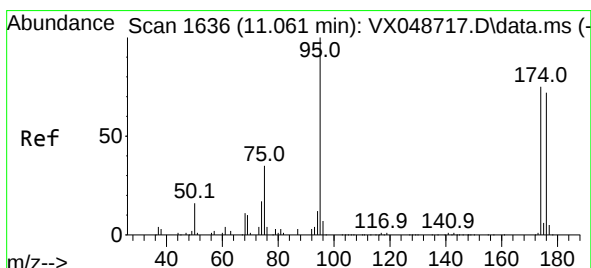
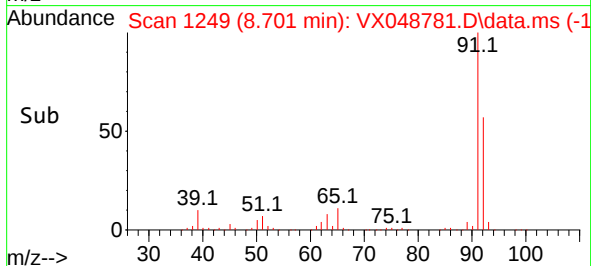
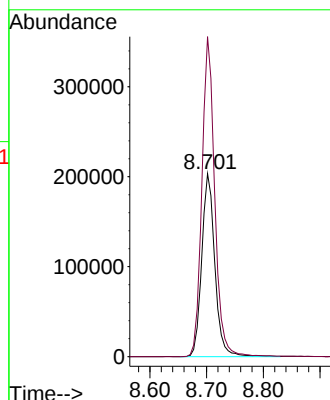
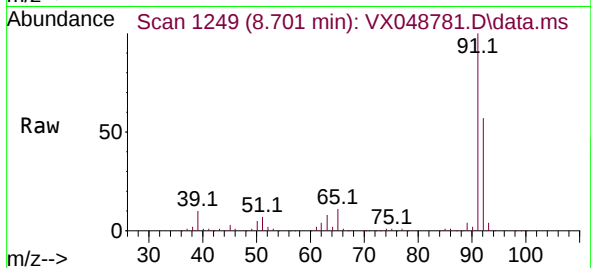




#52
Toluene
Concen: 60.430 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

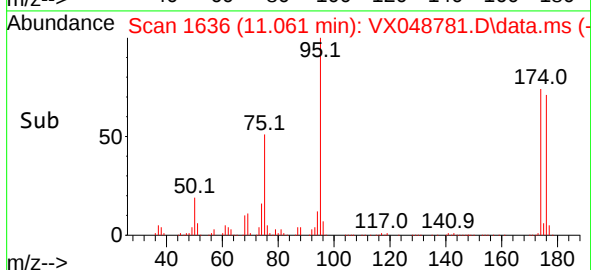
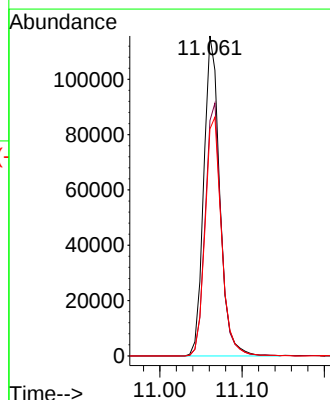
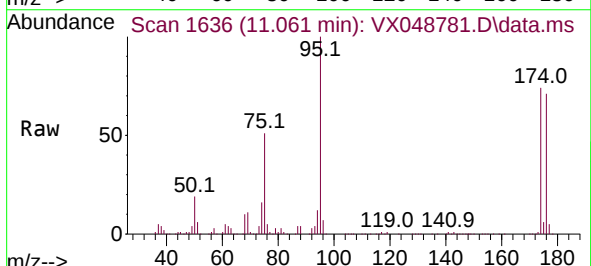
Instrument :
MSVOA_X
ClientSampleId :
CHASE-E

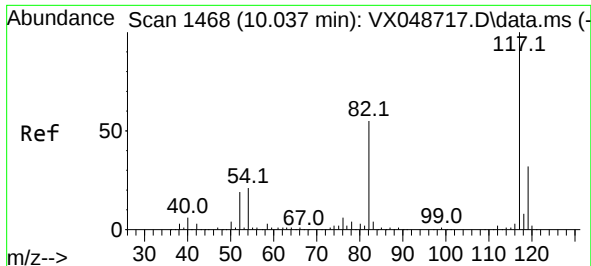
Tgt Ion: 92 Resp: 325876
Ion Ratio Lower Upper
92 100
91 171.6 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 58.528 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

Tgt Ion: 95 Resp: 155819
Ion Ratio Lower Upper
95 100
174 79.3 0.0 157.8
176 76.8 0.0 154.0

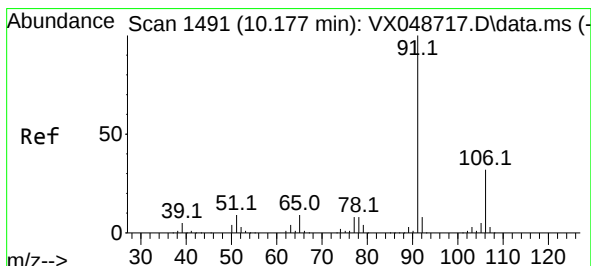
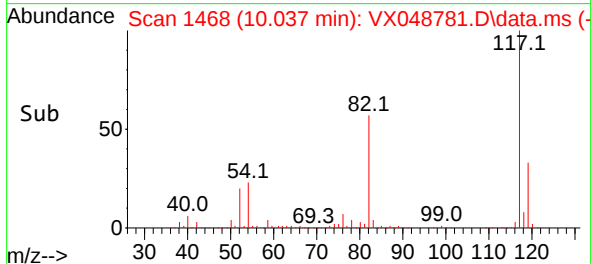
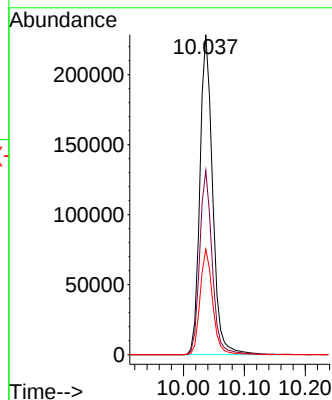
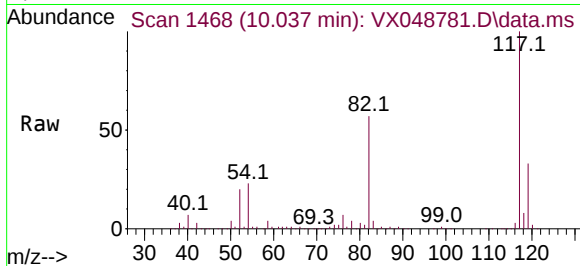




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

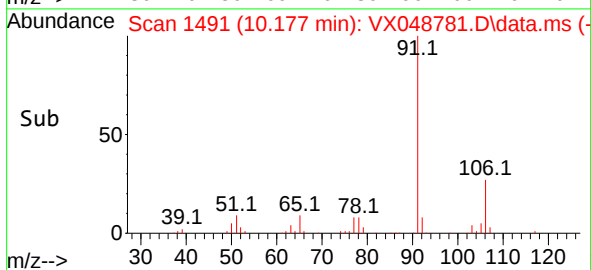
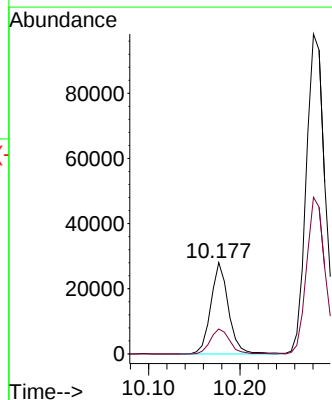
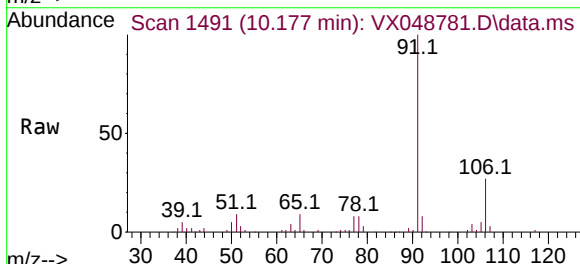
Instrument :
MSVOA_X
ClientSampleId :
CHASE-E

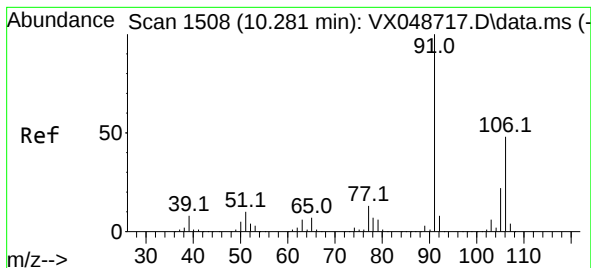
Tgt Ion:117 Resp: 331882
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 32.9 25.2 37.8



#67
Ethyl Benzene
Concen: 3.168 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

Tgt Ion: 91 Resp: 37558
Ion Ratio Lower Upper
91 100
106 27.2 25.3 37.9

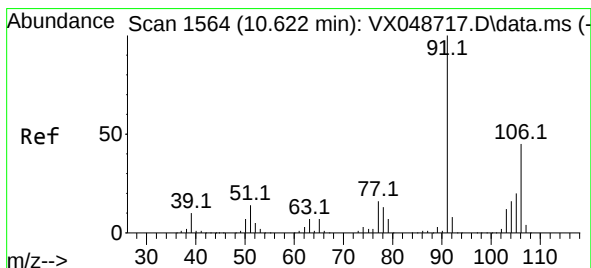
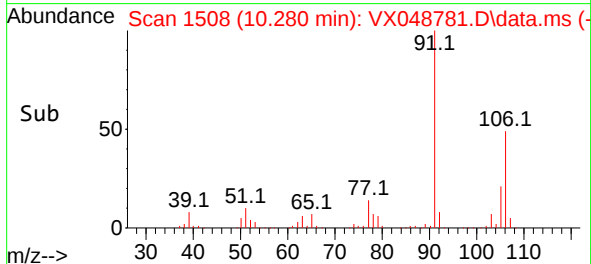
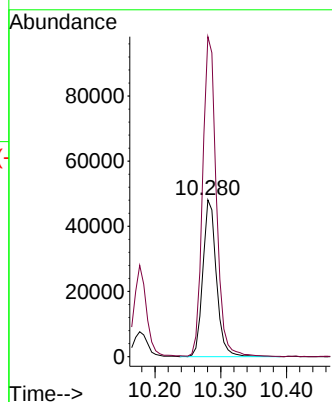
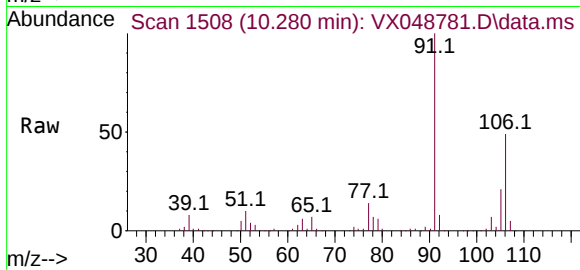




#68
m/p-Xylenes
Concen: 14.904 ug/l
RT: 10.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

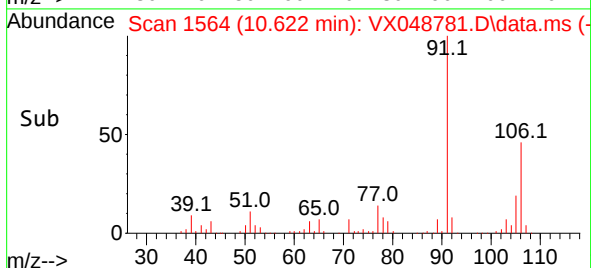
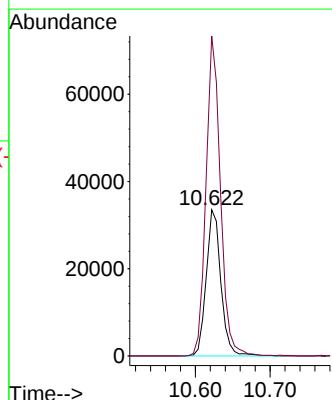
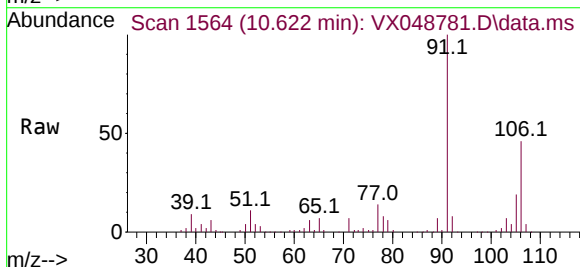
Instrument :
MSVOA_X
ClientSampleId :
CHASE-E

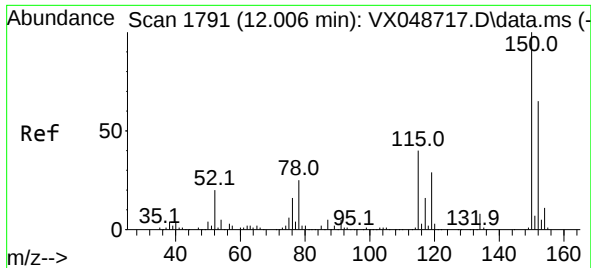
Tgt Ion:106 Resp: 68821
Ion Ratio Lower Upper
106 100
91 207.0 164.2 246.4



#69
o-Xylene
Concen: 10.523 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048781.D
Acq: 09 Dec 2025 14:07

Tgt Ion:106 Resp: 45531
Ion Ratio Lower Upper
106 100
91 215.5 108.1 324.3

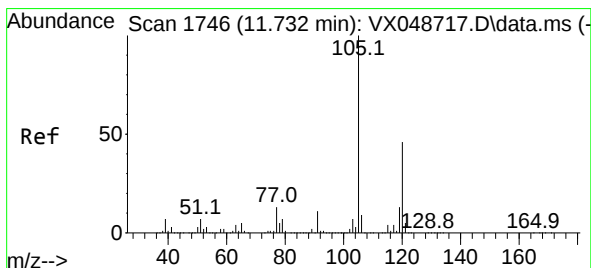
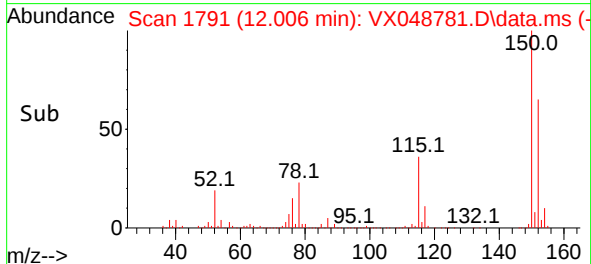
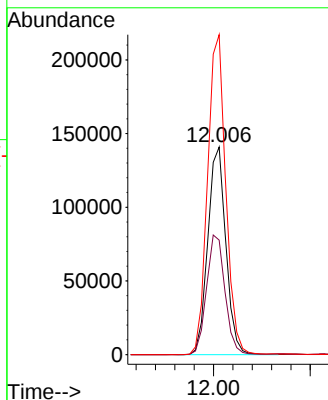
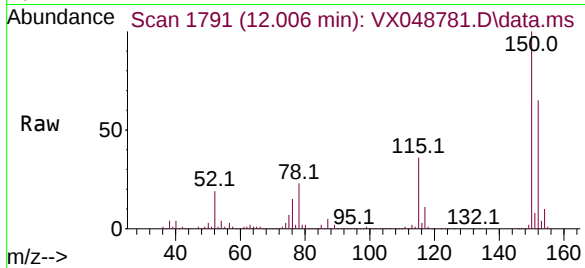




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX048781.D
 Acq: 09 Dec 2025 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-E

Tgt Ion:152 Resp: 182415
 Ion Ratio Lower Upper
 152 100
 115 58.8 42.1 126.4
 150 155.2 0.0 347.8



#84
 1,2,4-Trimethylbenzene
 Concen: 3.511 ug/l
 RT: 11.731 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: VX048781.D
 Acq: 09 Dec 2025 14:07

Tgt Ion:105 Resp: 35785
 Ion Ratio Lower Upper
 105 100
 120 31.2 22.3 66.8

