

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048790.D
 Acq On : 09 Dec 2025 17:11
 Operator : JC/MD
 Sample : Q3803-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-N

Quant Time: Dec 10 00:28:28 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)

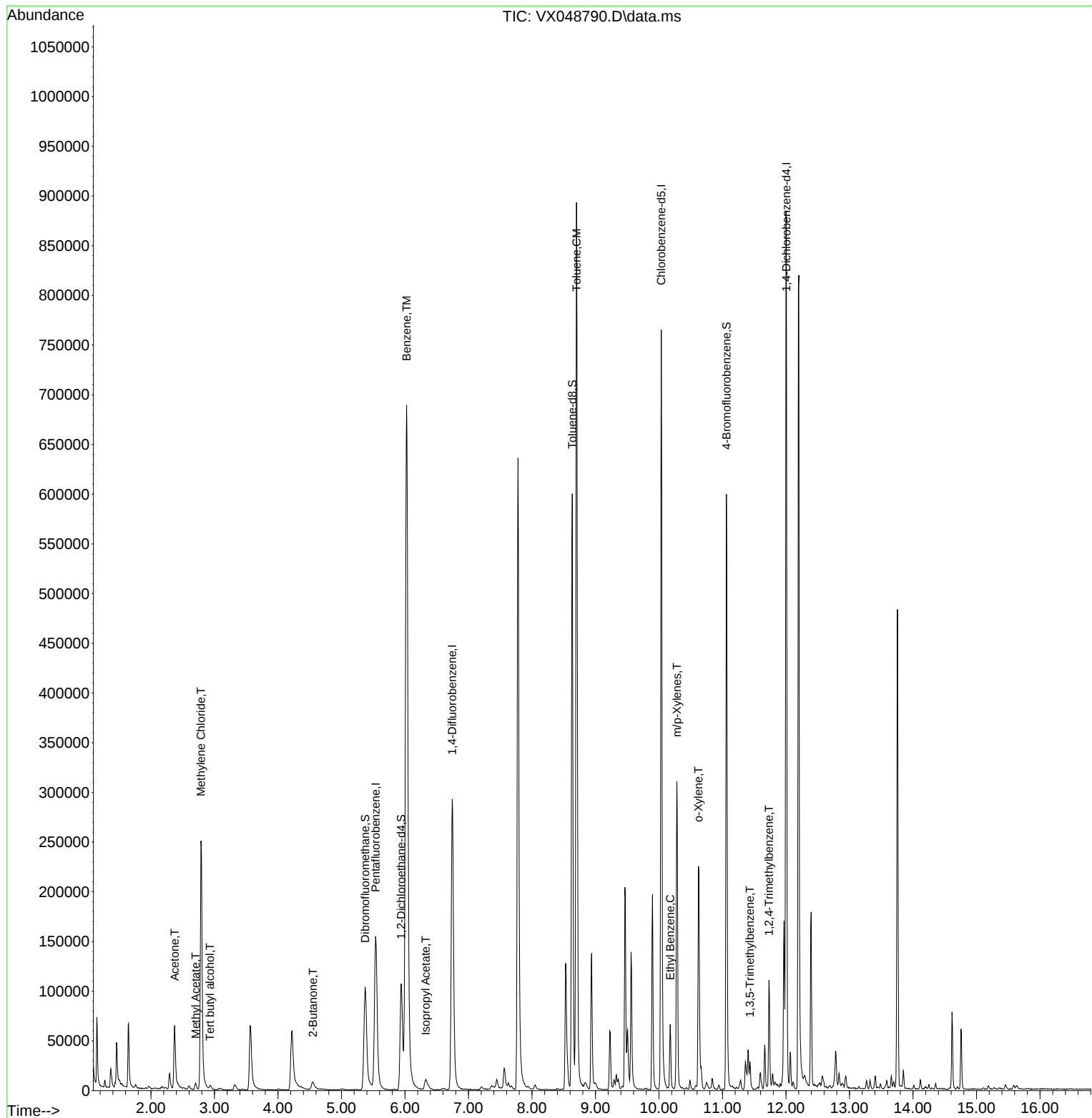
Internal Standards						
1) Pentafluorobenzene	5.538	168	165845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	334402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	356325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	195561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116404	52.294	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.580%	
35) Dibromofluoromethane	5.373	113	103439	44.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.840%	
50) Toluene-d8	8.635	98	373157	46.235	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.460%	
62) 4-Bromofluorobenzene	11.061	95	168849	60.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.928	59	5175	14.400	ug/l	99
16) Acetone	2.374	43	84793	99.506	ug/l	100
18) Methyl Acetate	2.703	43	9183	3.830	ug/l	98
20) Methylene Chloride	2.788	84	131079	61.541	ug/l	97
25) 2-Butanone	4.550	43	14160	11.259	ug/l	98
40) Benzene	6.025	78	934094	99.917	ug/l	100
43) Isopropyl Acetate	6.324	43	15769	2.764	ug/l	94
52) Toluene	8.702	92	351856	62.415	ug/l	100
67) Ethyl Benzene	10.177	91	40078	3.149	ug/l	97
68) m/p-Xylenes	10.281	106	76681	15.467	ug/l	99
69) o-Xylene	10.622	106	46986	10.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	11734	1.083	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	44016	4.028	ug/l	78

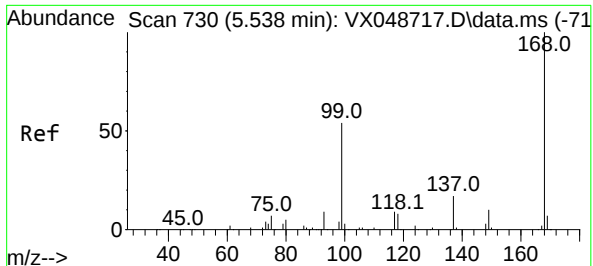
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048790.D
Acq On : 09 Dec 2025 17:11
Operator : JC/MD
Sample : Q3803-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

Quant Time: Dec 10 00:28:28 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

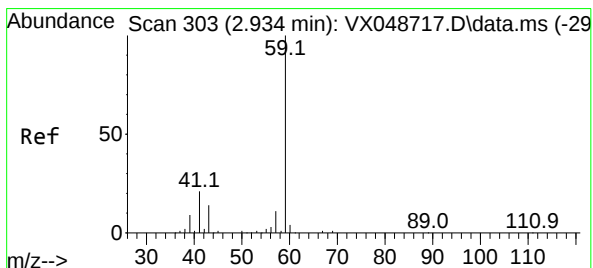
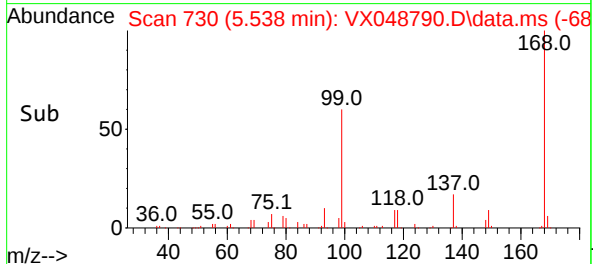
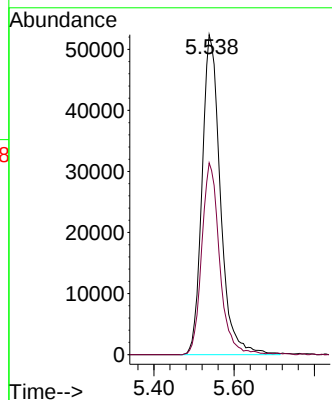
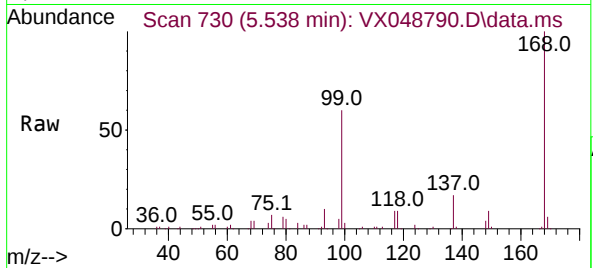




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

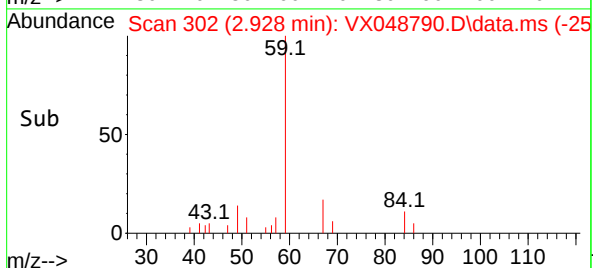
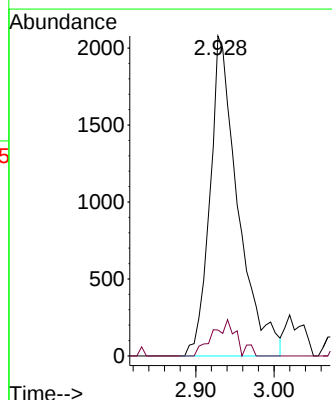
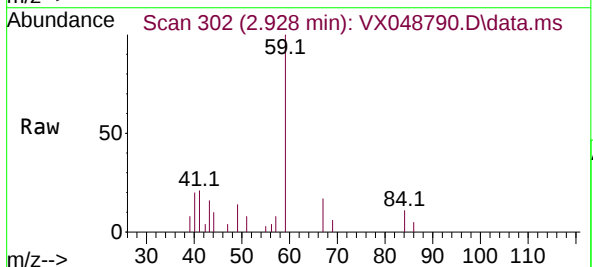
Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

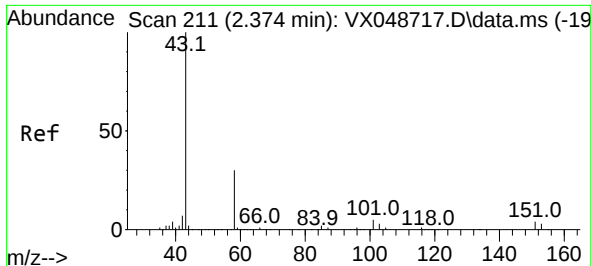
Tgt Ion:168 Resp: 165845
Ion Ratio Lower Upper
168 100
99 59.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 14.400 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.006 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Tgt Ion: 59 Resp: 5175
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

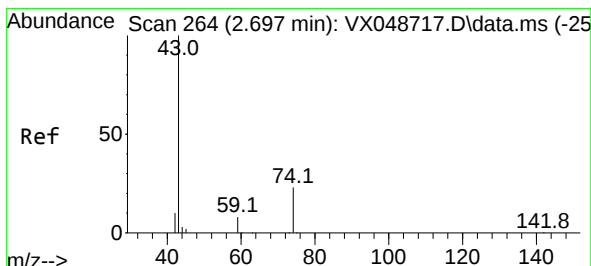
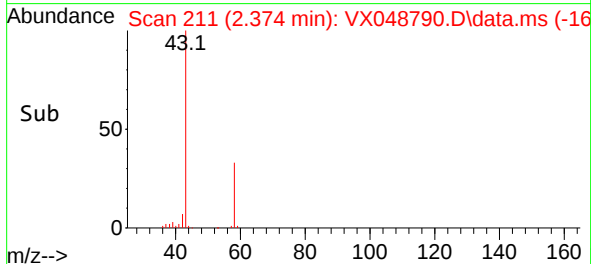
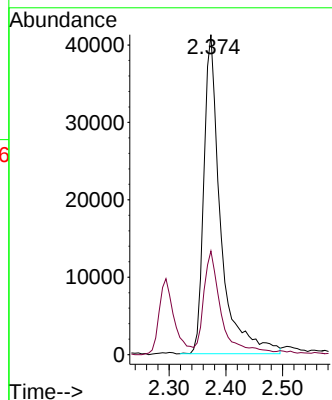
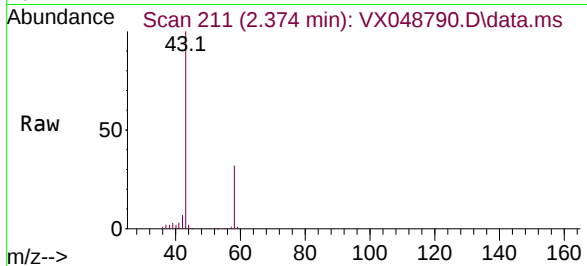




#16
Acetone
Concen: 99.506 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

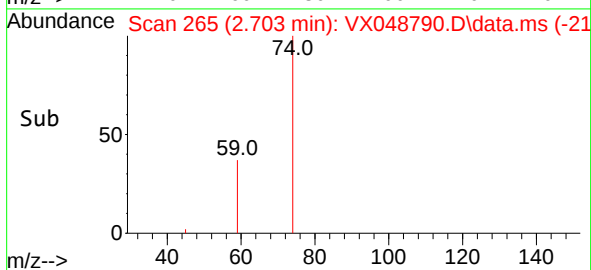
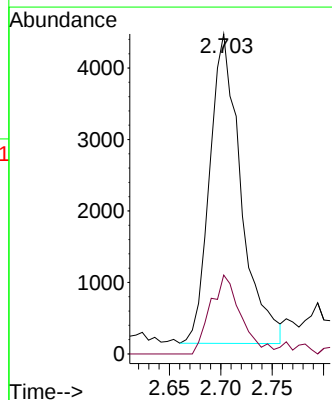
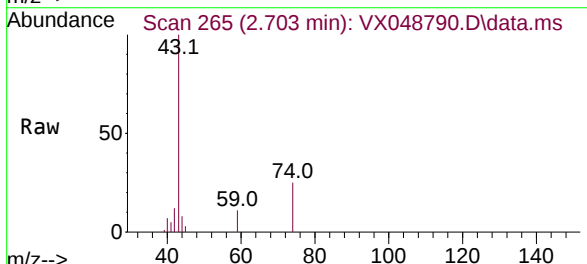
Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

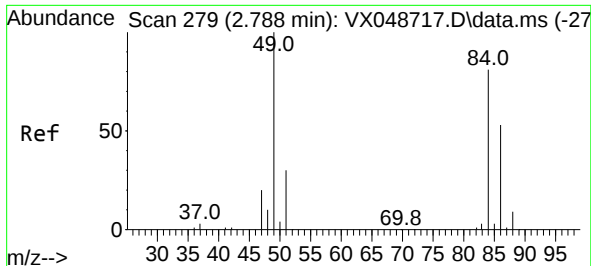
Tgt Ion: 43 Resp: 84793
Ion Ratio Lower Upper
43 100
58 31.3 25.0 37.4



#18
Methyl Acetate
Concen: 3.830 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Tgt Ion: 43 Resp: 9183
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8



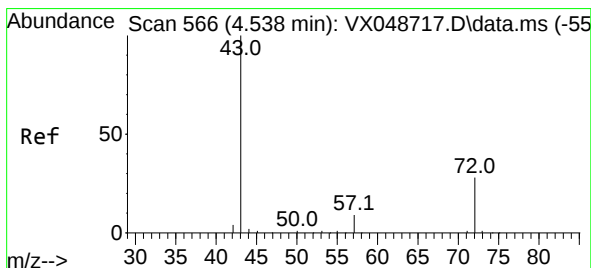
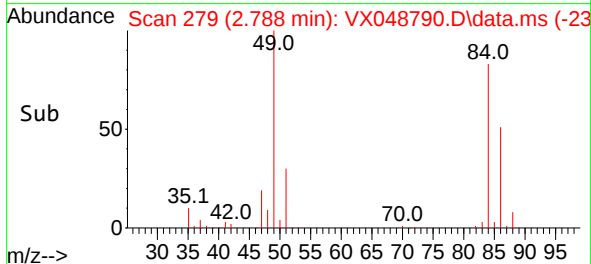
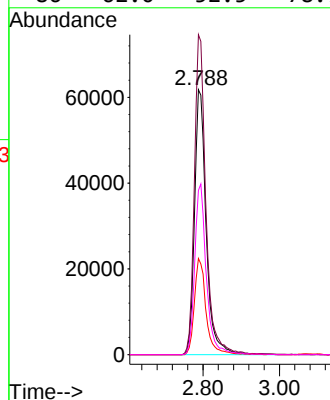
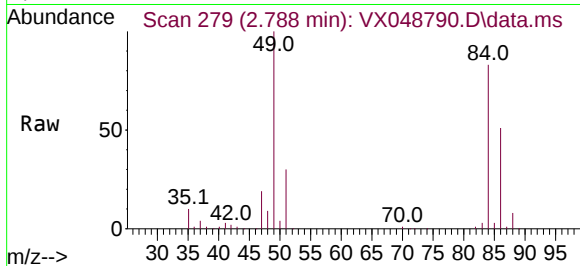


#20
Methylene Chloride
Concen: 61.541 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

Tgt Ion: 84 Resp: 131079

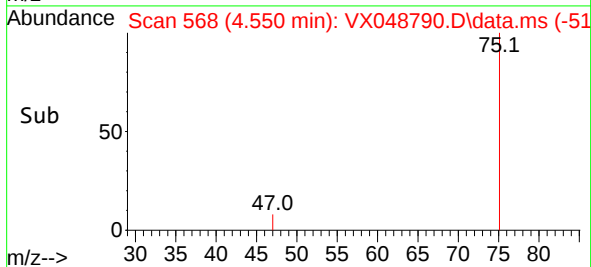
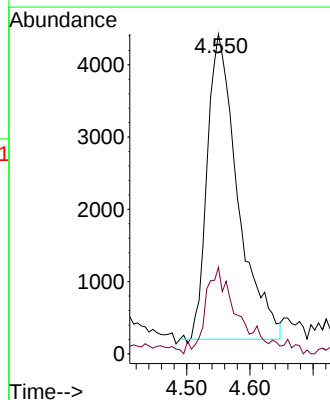
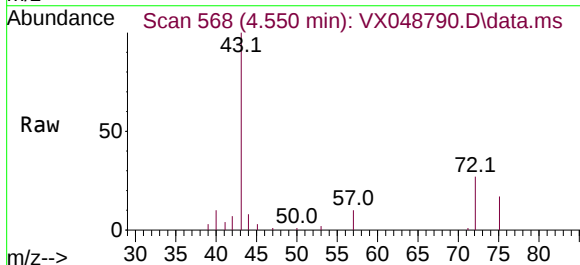
Ion	Ratio	Lower	Upper
84	100		
49	120.8	98.7	148.1
51	36.3	29.4	44.2
86	62.0	52.5	78.7

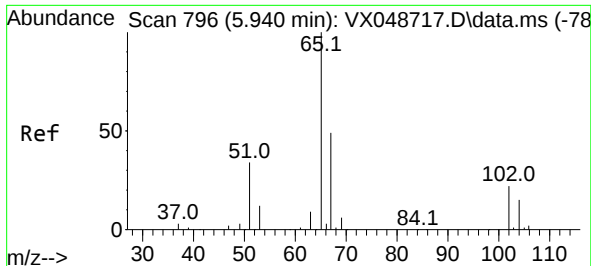


#25
2-Butanone
Concen: 11.259 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Tgt Ion: 43 Resp: 14160

Ion	Ratio	Lower	Upper
43	100		
72	27.0	22.6	34.0





#33

1,2-Dichloroethane-d4

Concen: 52.294 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048790.D

Acq: 09 Dec 2025 17:11

Instrument :

MSVOA_X

ClientSampleId :

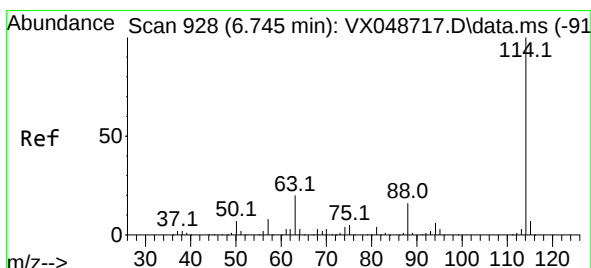
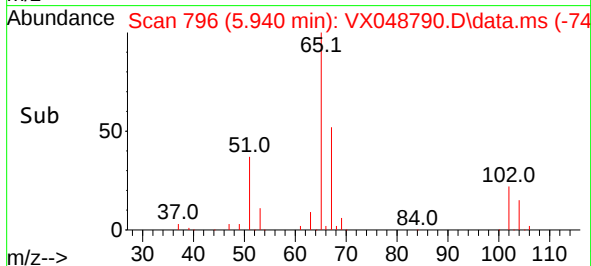
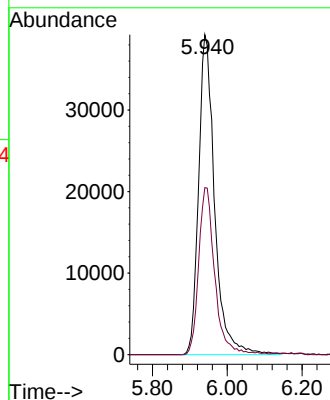
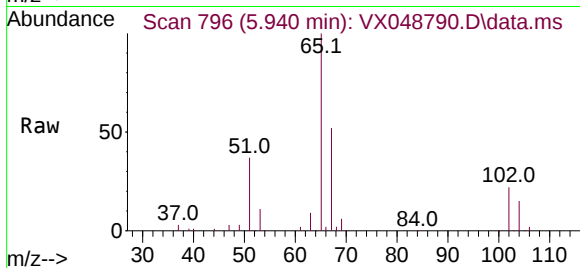
CHASE-N

Tgt Ion: 65 Resp: 116404

Ion Ratio Lower Upper

65 100

67 52.5 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: VX048790.D

Acq: 09 Dec 2025 17:11

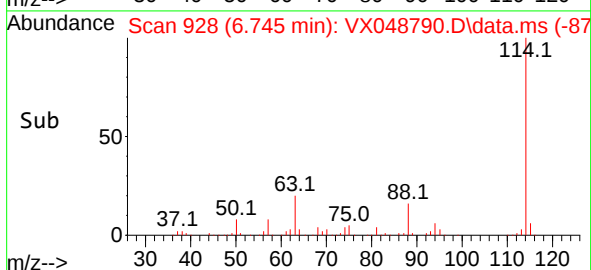
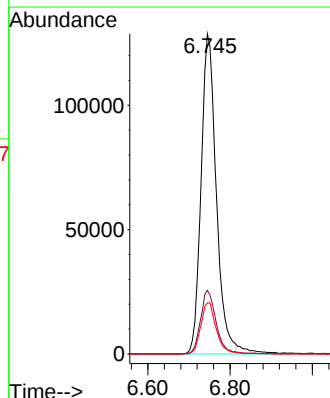
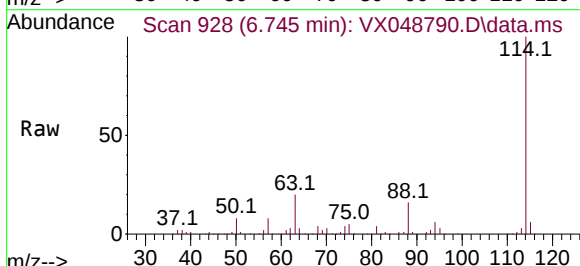
Tgt Ion: 114 Resp: 334402

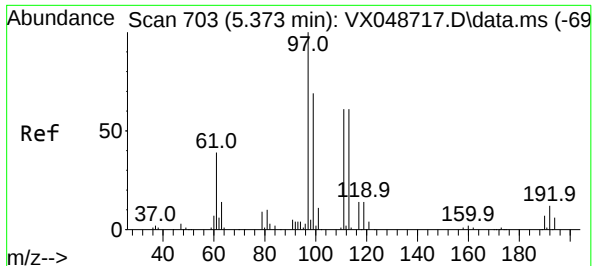
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

88 15.9 0.0 31.8

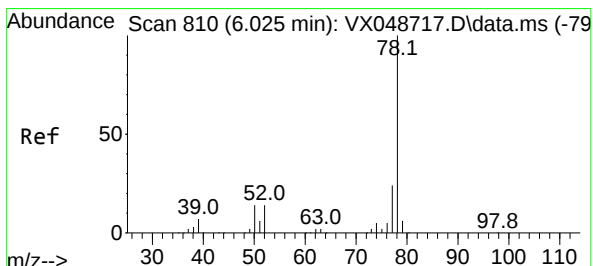
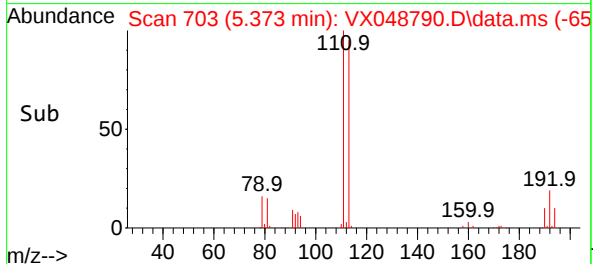
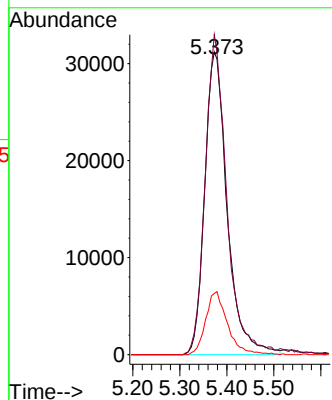
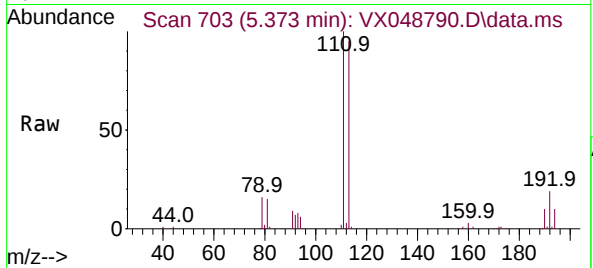




#35
Dibromofluoromethane
Concen: 44.925 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

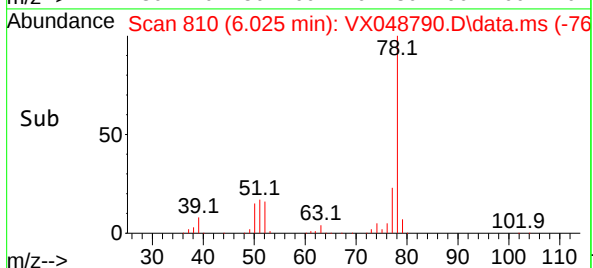
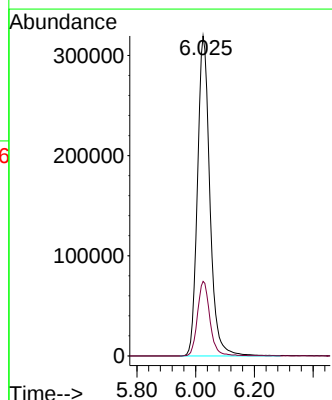
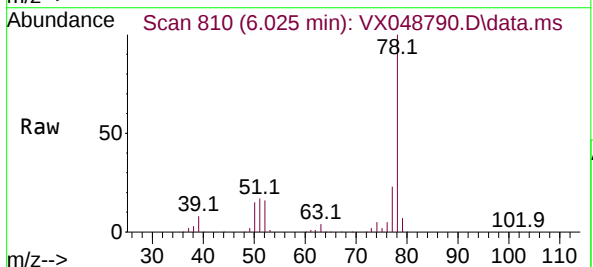
Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

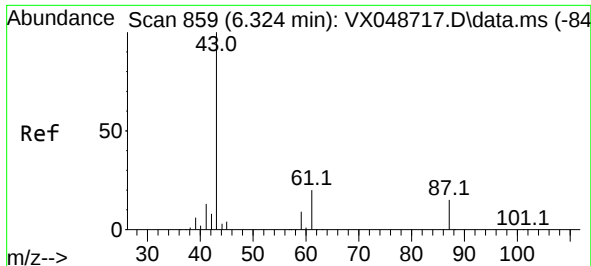
Tgt Ion:113 Resp: 103439
Ion Ratio Lower Upper
113 100
111 102.3 79.5 119.3
192 20.3 16.1 24.1



#40
Benzene
Concen: 99.917 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Tgt Ion: 78 Resp: 934094
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

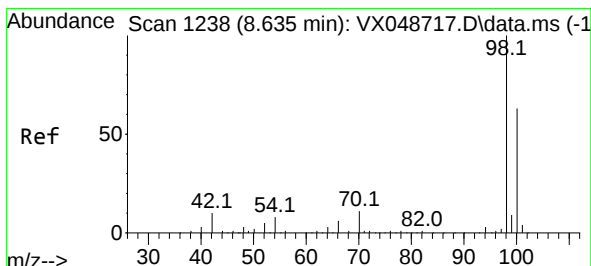
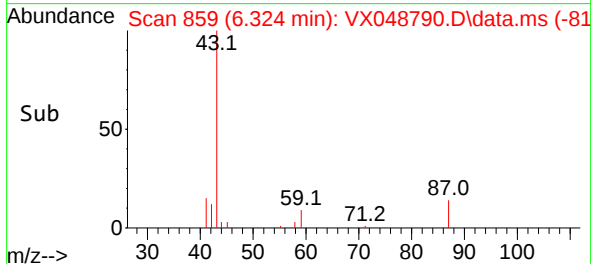
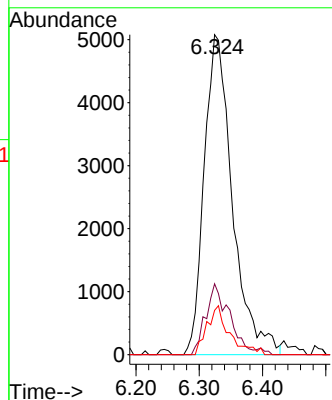
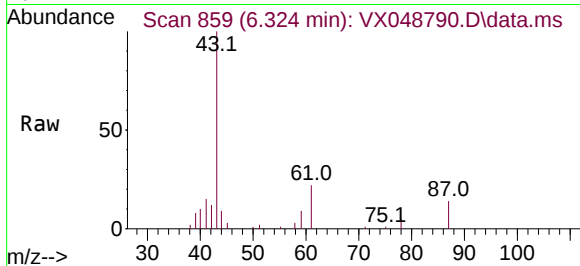




#43
Isopropyl Acetate
Concen: 2.764 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

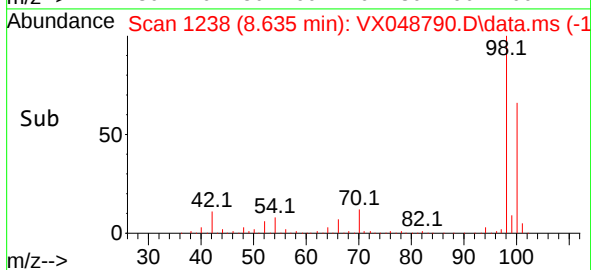
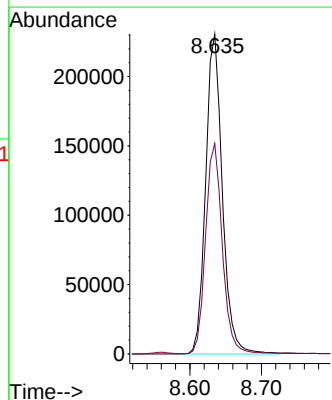
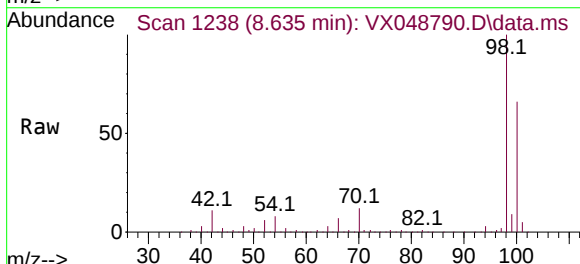
Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

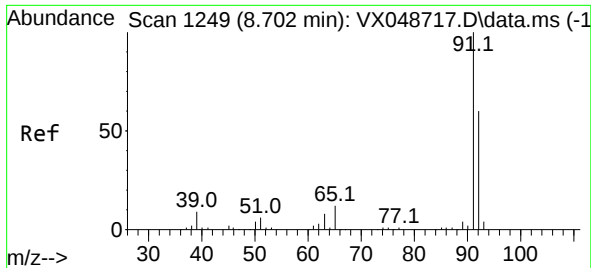
Tgt Ion: 43	Resp: 15769
Ion Ratio	Lower Upper
43 100	
61 18.5	16.8 25.2
87 12.1	11.8 17.6



#50
Toluene-d8
Concen: 46.235 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Tgt Ion: 98	Resp: 373157
Ion Ratio	Lower Upper
98 100	
100 66.1	53.4 80.0

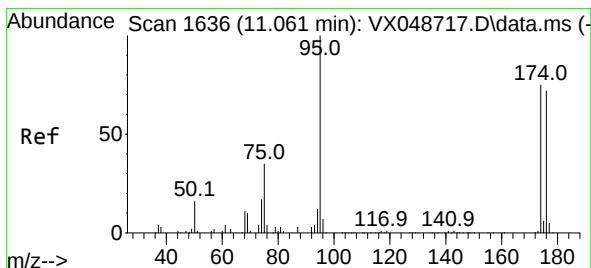
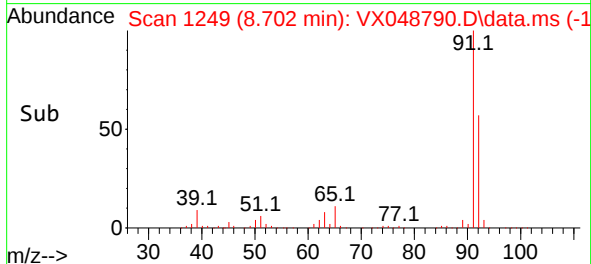
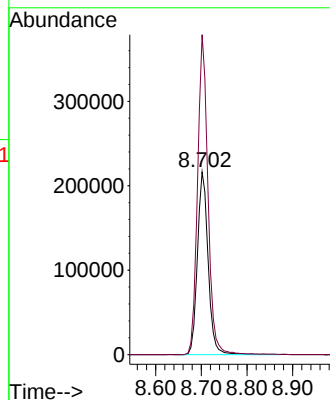
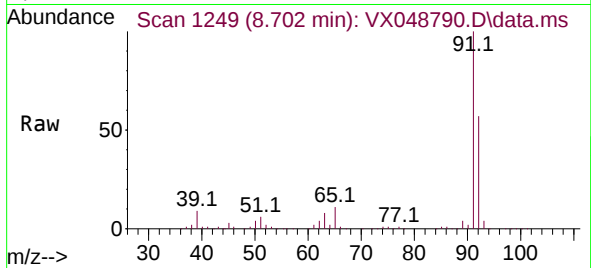




#52
Toluene
Concen: 62.415 ug/l
RT: 8.702 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

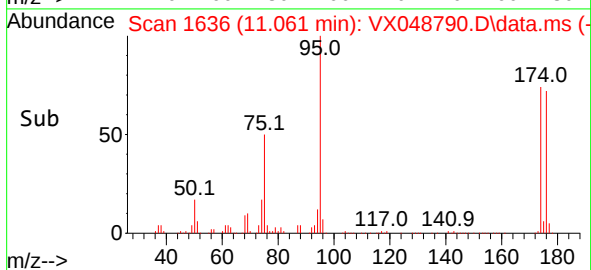
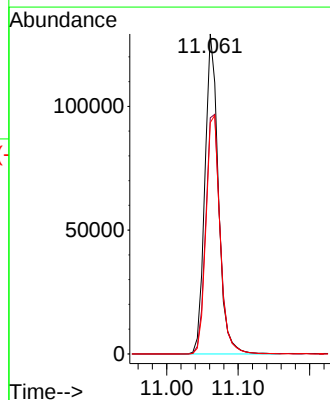
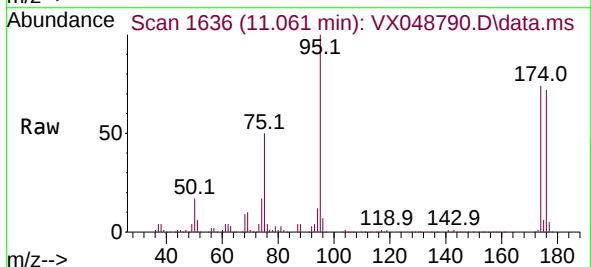
Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

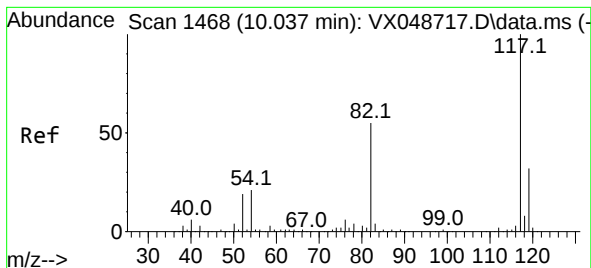
Tgt Ion: 92 Resp: 351856
Ion Ratio Lower Upper
92 100
91 170.8 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 60.669 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Tgt Ion: 95 Resp: 168849
Ion Ratio Lower Upper
95 100
174 79.9 0.0 157.8
176 77.9 0.0 154.0

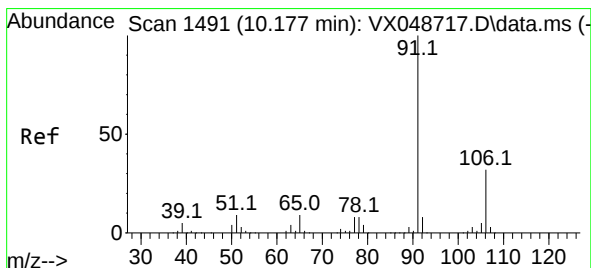
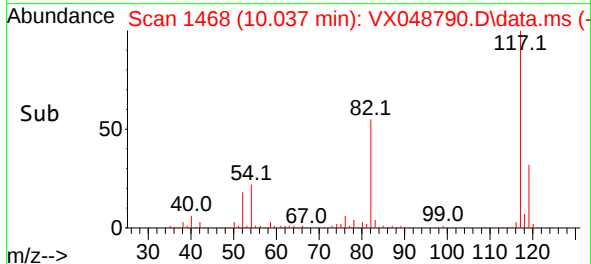
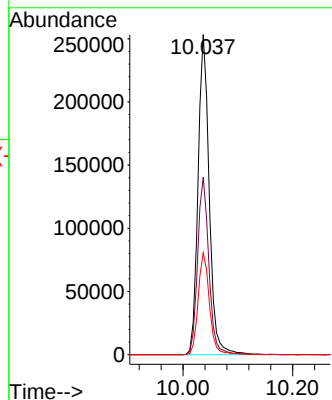
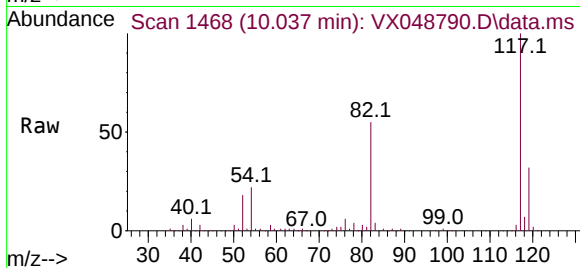




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

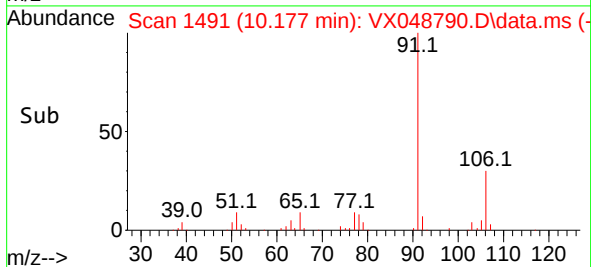
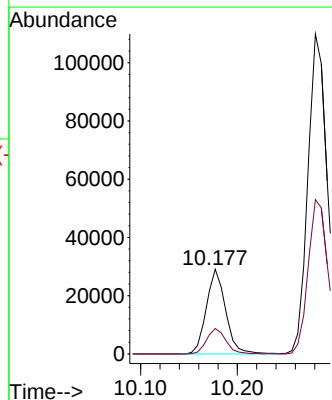
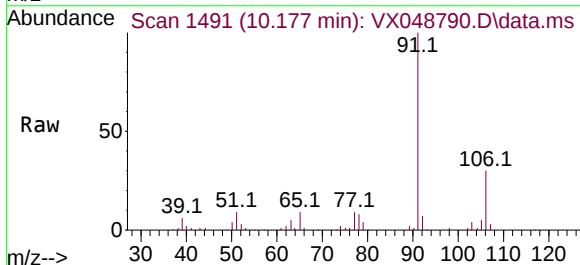
Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

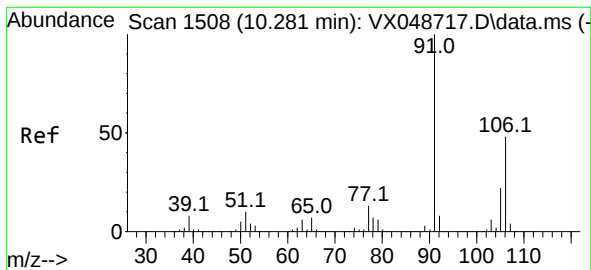
Tgt Ion:117 Resp: 356325
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 31.8 25.2 37.8



#67
Ethyl Benzene
Concen: 3.149 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Tgt Ion: 91 Resp: 40078
Ion Ratio Lower Upper
91 100
106 30.1 25.3 37.9

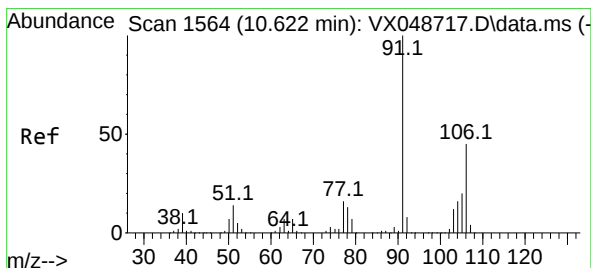
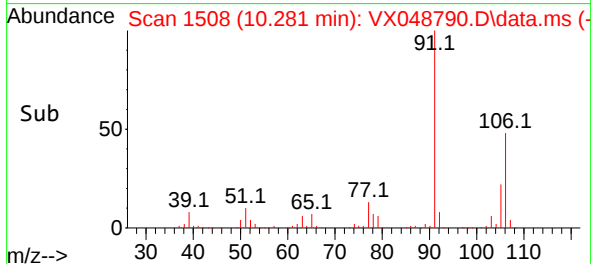
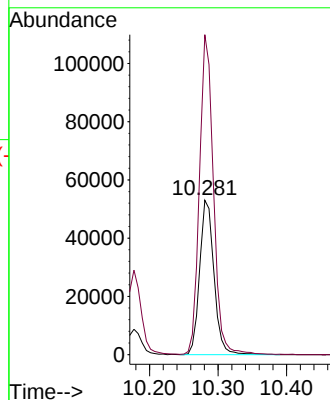
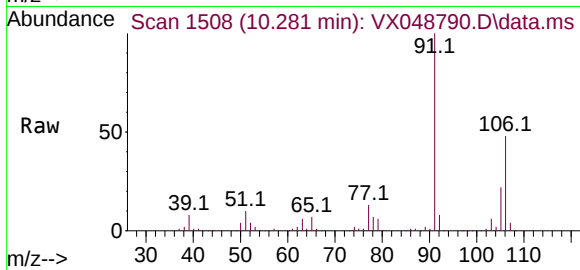




#68
m/p-Xylenes
Concen: 15.467 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

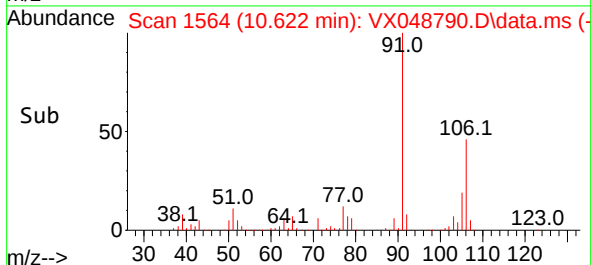
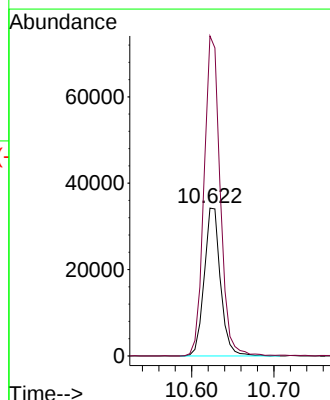
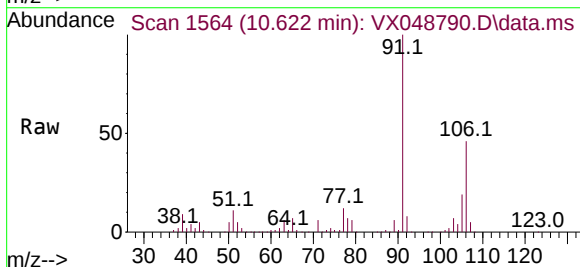
Instrument :
MSVOA_X
ClientSampleId :
CHASE-N

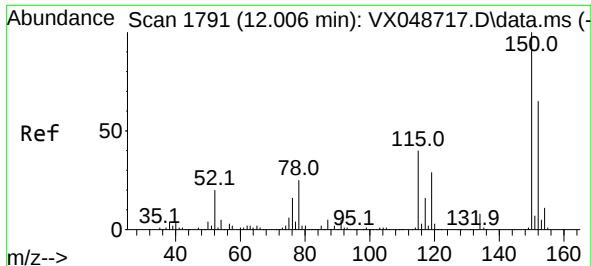
Tgt Ion:106 Resp: 76681
Ion Ratio Lower Upper
106 100
91 203.3 164.2 246.4



#69
o-Xylene
Concen: 10.114 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048790.D
Acq: 09 Dec 2025 17:11

Tgt Ion:106 Resp: 46986
Ion Ratio Lower Upper
106 100
91 215.4 108.1 324.3

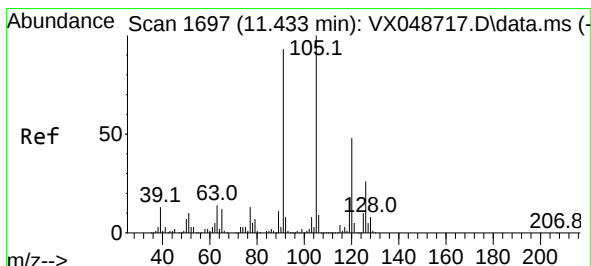
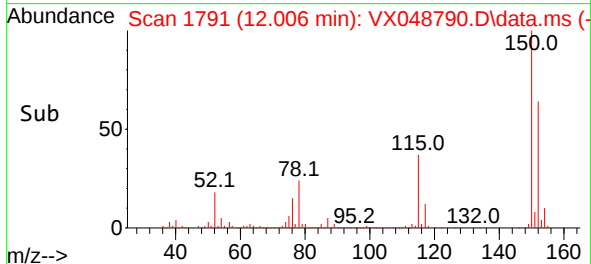
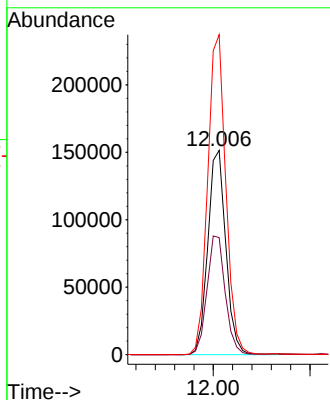
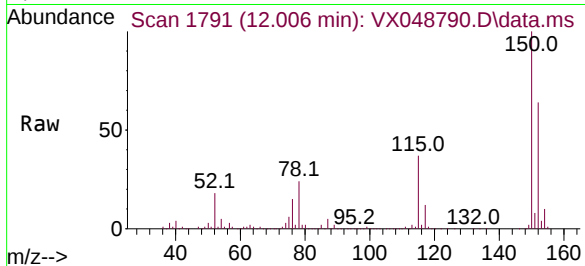




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX048790.D
 Acq: 09 Dec 2025 17:11

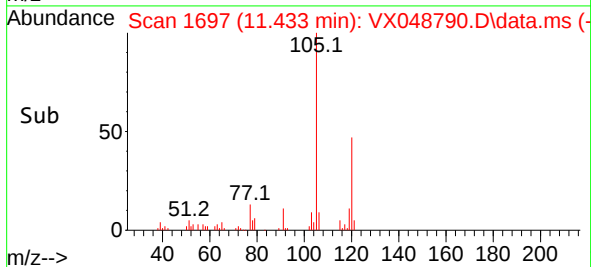
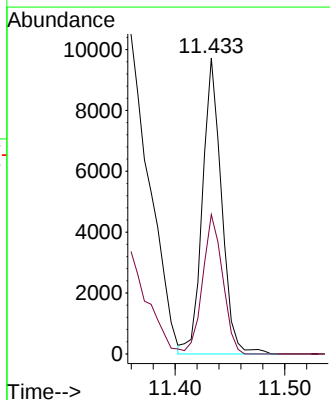
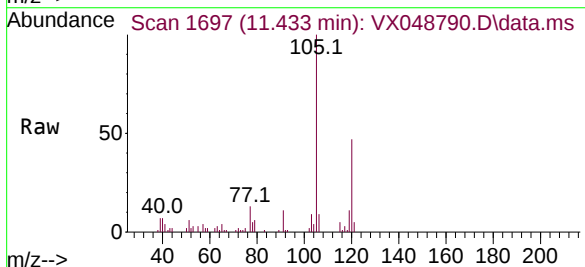
Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-N

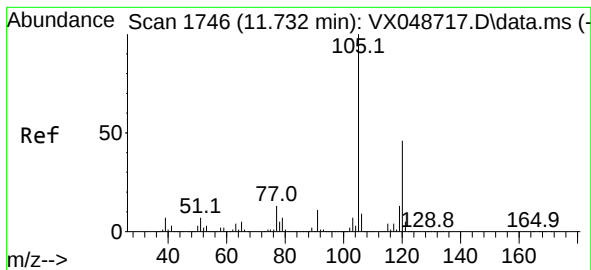
Tgt Ion:152 Resp: 195561
 Ion Ratio Lower Upper
 152 100
 115 59.0 42.1 126.4
 150 157.4 0.0 347.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.083 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: VX048790.D
 Acq: 09 Dec 2025 17:11

Tgt Ion:105 Resp: 11734
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.2





#84
 1,2,4-Trimethylbenzene
 Concen: 4.028 ug/l
 RT: 11.732 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048790.D
 Acq: 09 Dec 2025 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-N

Tgt Ion:105 Resp: 44016
 Ion Ratio Lower Upper
 105 100
 120 30.2 22.3 66.8

