

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047493.D
 Acq On : 22 Aug 2025 13:37
 Operator : JC/MD
 Sample : Q2903-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1C-081925RE

Quant Time: Aug 25 01:27:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

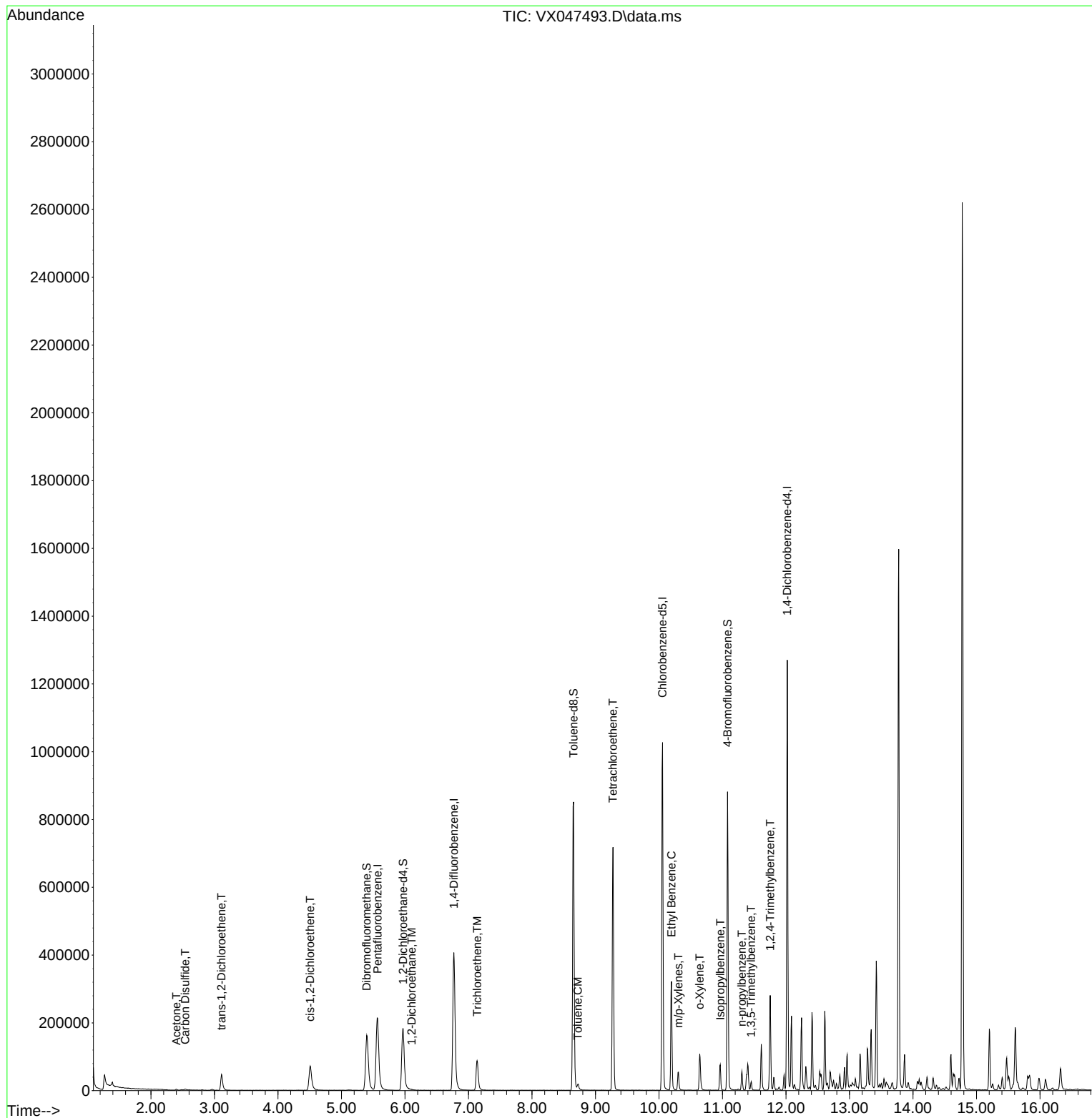
Internal Standards						
1) Pentafluorobenzene	5.568	168	215208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	438650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	198561	65.925	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 131.860%#	
35) Dibromofluoromethane	5.398	113	155017	54.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.900%	
50) Toluene-d8	8.653	98	524216	51.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	232395	61.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 123.780%#	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	3928	3.470	ug/l #	75
17) Carbon Disulfide	2.538	76	2949	0.361	ug/l #	94
21) trans-1,2-Dichloroethene	3.111	96	19950	6.937	ug/l	85
27) cis-1,2-Dichloroethene	4.507	96	50434	15.056	ug/l	90
42) 1,2-Dichloroethane	6.105	62	1856	0.390	ug/l	94
44) Trichloroethene	7.135	130	37629	10.925	ug/l	98
52) Toluene	8.720	92	7208	0.867	ug/l	97
64) Tetrachloroethene	9.275	164	134250	40.859	ug/l	94
67) Ethyl Benzene	10.195	91	186999	10.065	ug/l	97
68) m/p-Xylenes	10.305	106	13082	1.888	ug/l	88
69) o-Xylene	10.640	106	24045	3.607	ug/l	99
73) Isopropylbenzene	10.964	105	38989	2.070	ug/l	99
78) n-propylbenzene	11.305	91	34886	1.551	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	11673	0.753	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	119261	7.696	ug/l	98

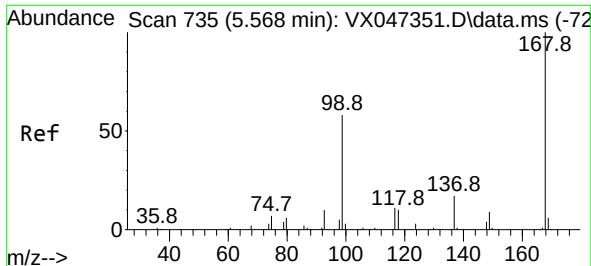
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
Data File : VX047493.D
Acq On : 22 Aug 2025 13:37
Operator : JC/MD
Sample : Q2903-02RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1C-081925RE

Quant Time: Aug 25 01:27:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.568 min Scan# 71

Delta R.T. 0.000 min

Lab File: VX047493.D

Acq: 22 Aug 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

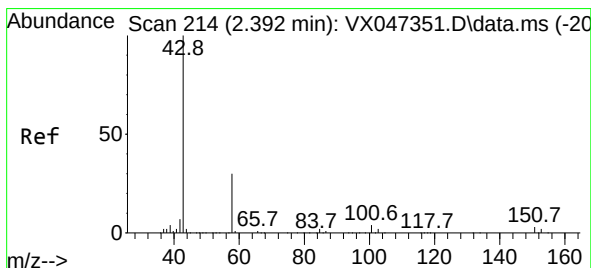
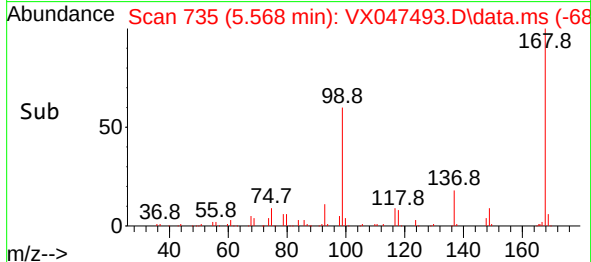
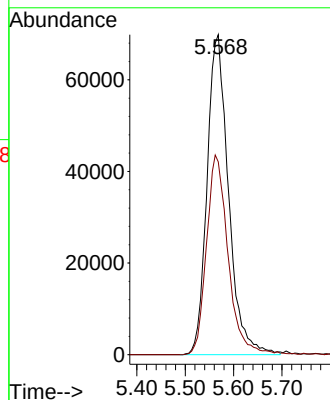
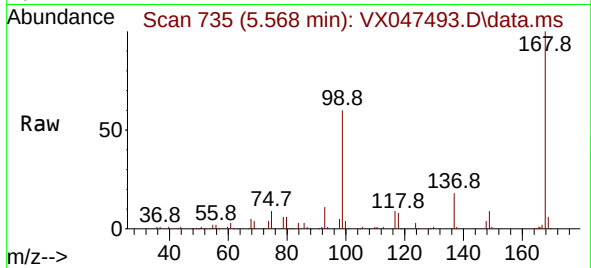
MW-1C-081925RE

Tgt Ion:168 Resp: 215208

Ion Ratio Lower Upper

168 100

99 60.2 47.9 71.9



#16

Acetone

Concen: 3.470 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX047493.D

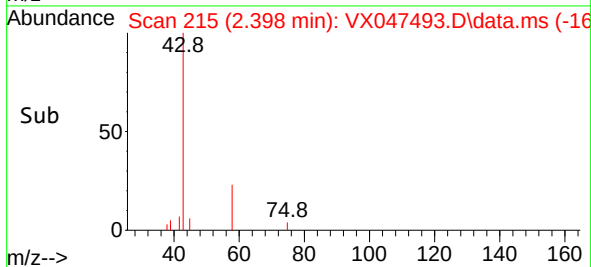
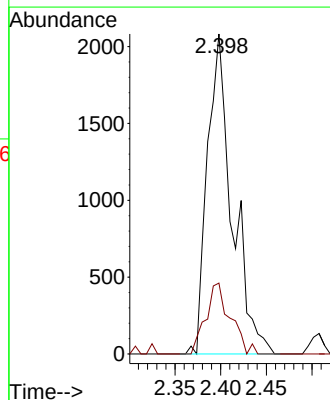
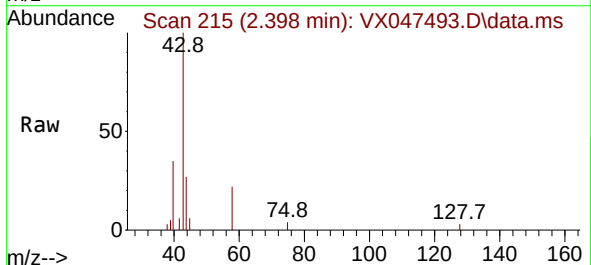
Acq: 22 Aug 2025 13:37

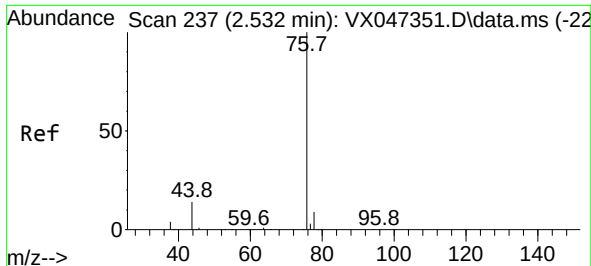
Tgt Ion: 43 Resp: 3928

Ion Ratio Lower Upper

43 100

58 17.4 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.361 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047493.D

Acq: 22 Aug 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

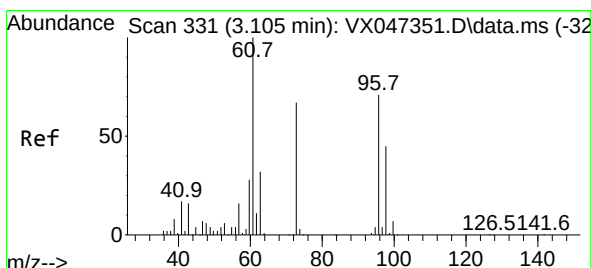
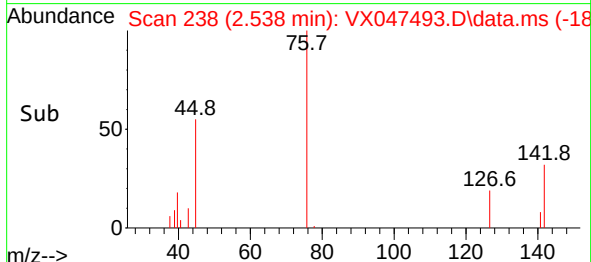
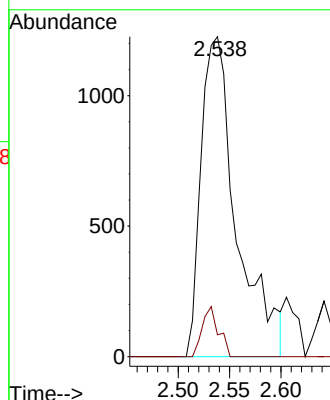
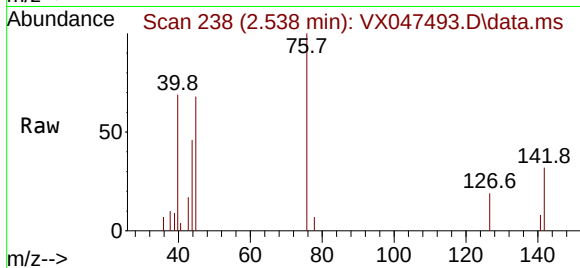
MW-1C-081925RE

Tgt Ion: 76 Resp: 2949

Ion Ratio Lower Upper

76 100

78 6.9 7.2 10.8#



#21

trans-1,2-Dichloroethene

Concen: 6.937 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.006 min

Lab File: VX047493.D

Acq: 22 Aug 2025 13:37

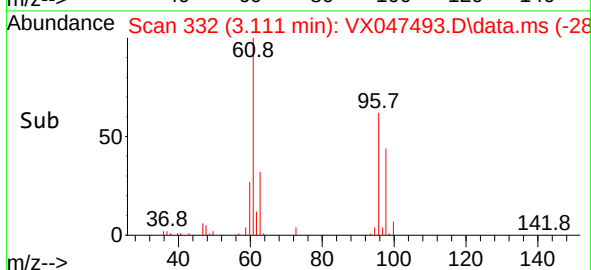
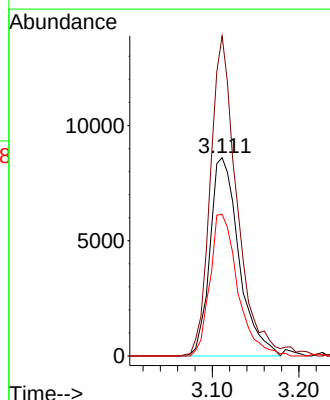
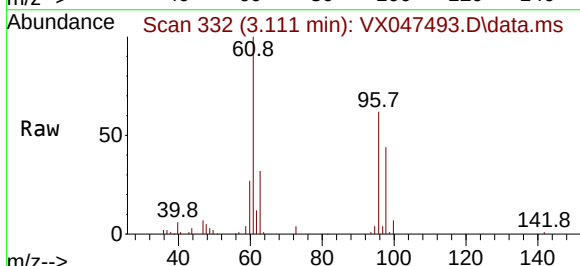
Tgt Ion: 96 Resp: 19950

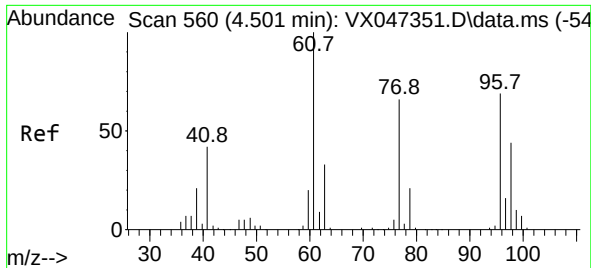
Ion Ratio Lower Upper

96 100

61 161.4 112.6 169.0

98 71.4 50.9 76.3

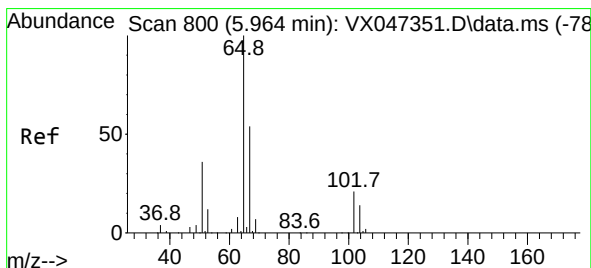
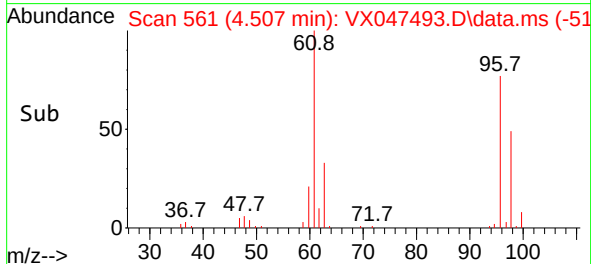
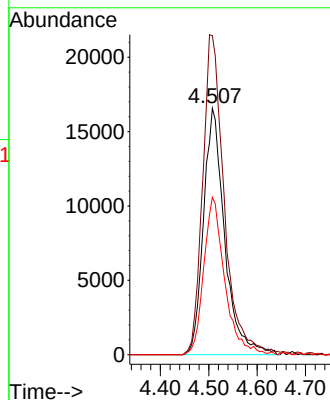
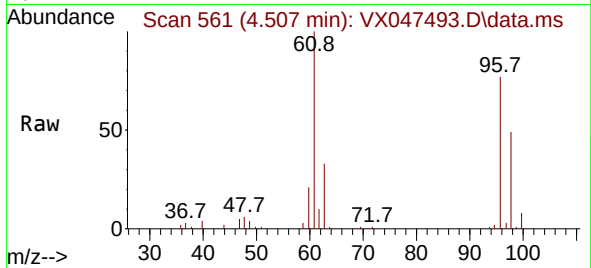




#27
 cis-1,2-Dichloroethene
 Concen: 15.056 ug/l
 RT: 4.507 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: VX047493.D
 Acq: 22 Aug 2025 13:37

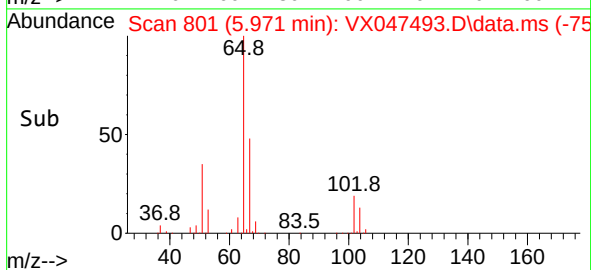
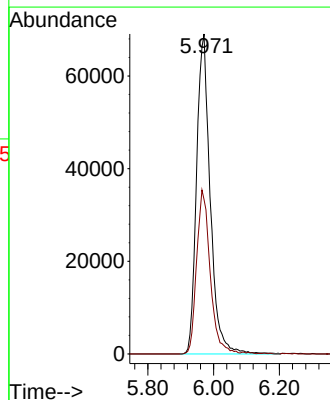
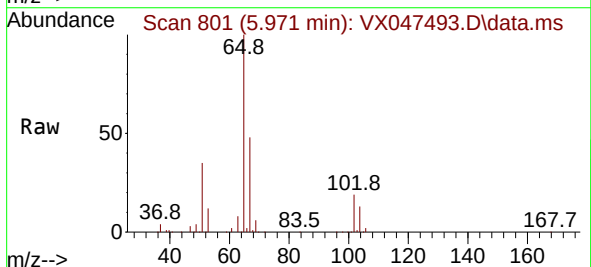
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1C-081925RE

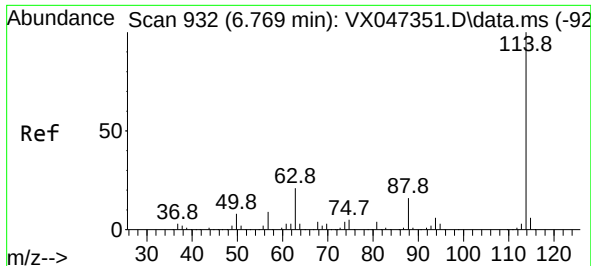
Tgt Ion: 96 Resp: 50434
 Ion Ratio Lower Upper
 96 100
 61 131.0 0.0 296.6
 98 63.0 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 65.925 ug/l
 RT: 5.971 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047493.D
 Acq: 22 Aug 2025 13:37

Tgt Ion: 65 Resp: 198561
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.0

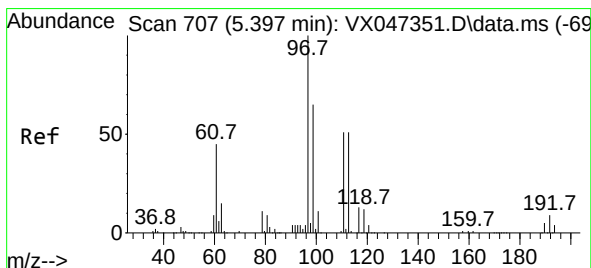
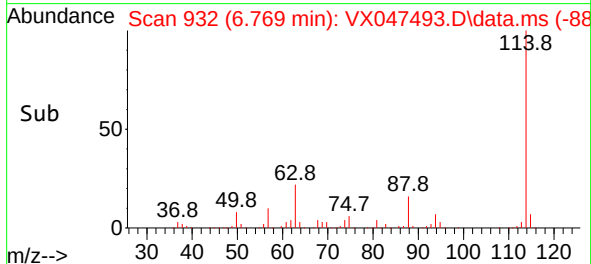
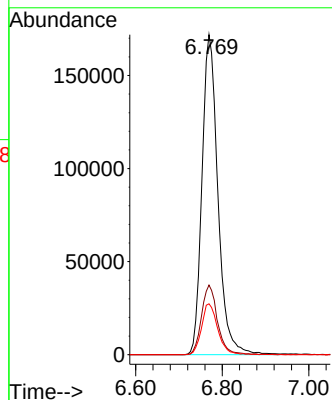
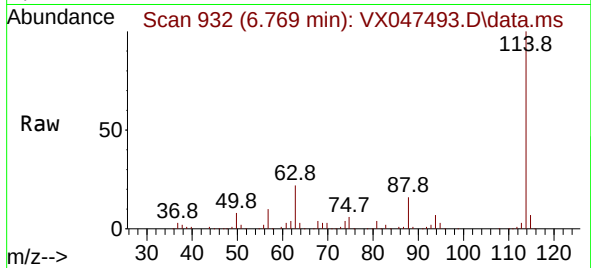




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

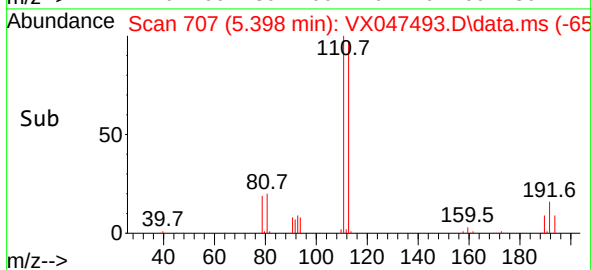
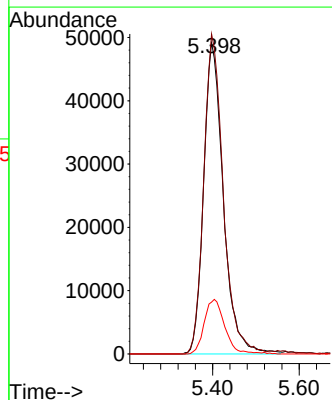
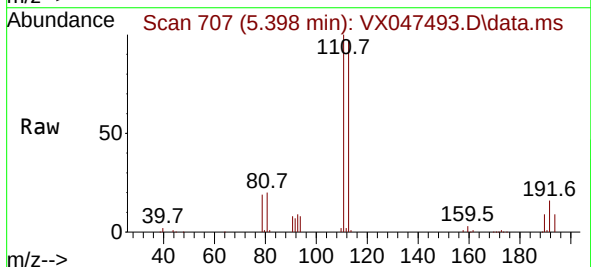
Instrument :
MSVOA_X
ClientSampleId :
MW-1C-081925RE

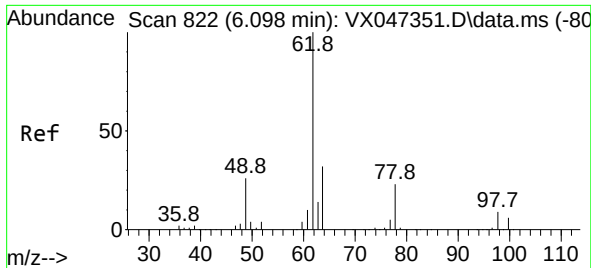
Tgt Ion:114 Resp: 438650
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 54.452 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

Tgt Ion:113 Resp: 155017
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.2
192 18.4 14.1 21.1





#42

1,2-Dichloroethane

Concen: 0.390 ug/l

RT: 6.105 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX047493.D

Acq: 22 Aug 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

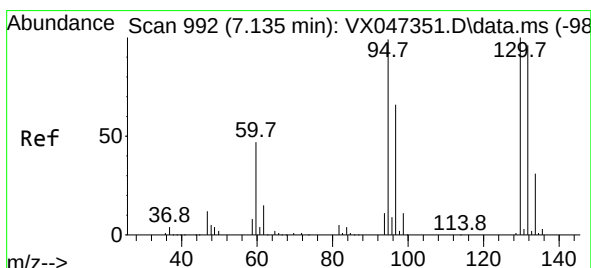
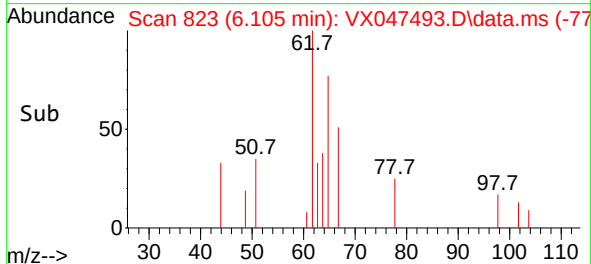
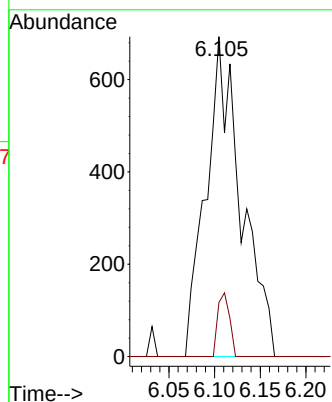
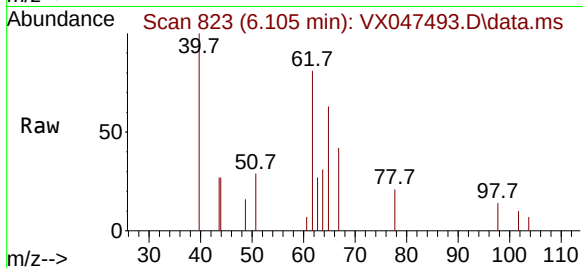
MW-1C-081925RE

Tgt Ion: 62 Resp: 1856

Ion Ratio Lower Upper

62 100

98 6.7 0.0 18.0



#44

Trichloroethene

Concen: 10.925 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX047493.D

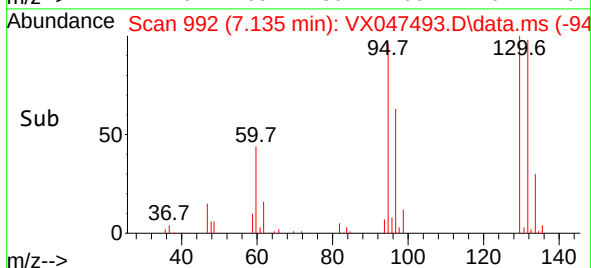
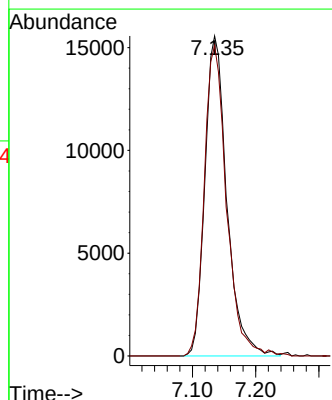
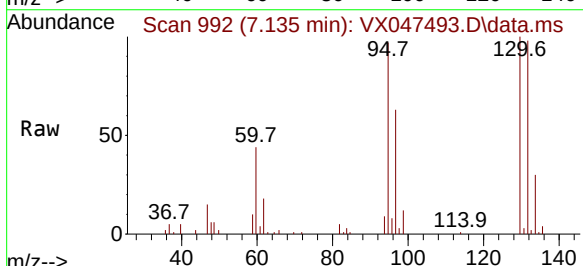
Acq: 22 Aug 2025 13:37

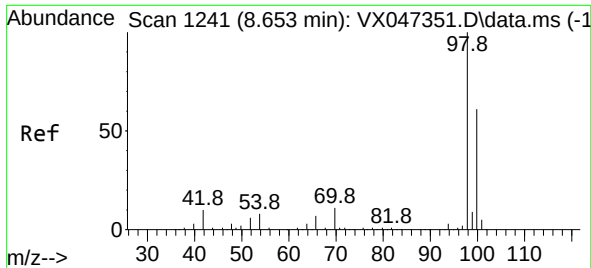
Tgt Ion:130 Resp: 37629

Ion Ratio Lower Upper

130 100

95 97.0 0.0 198.6

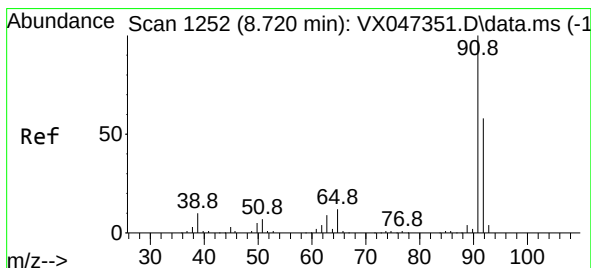
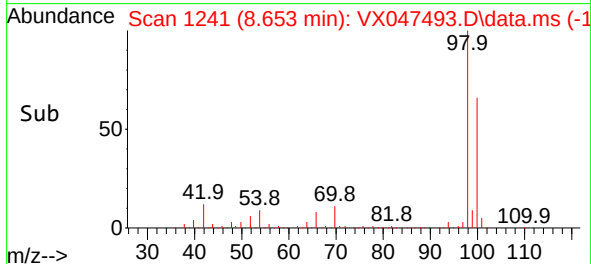
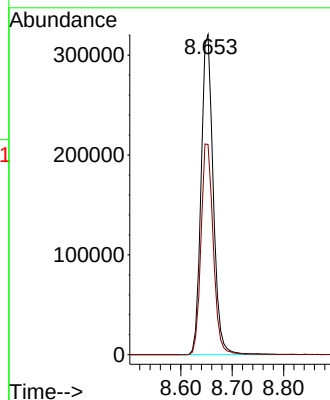
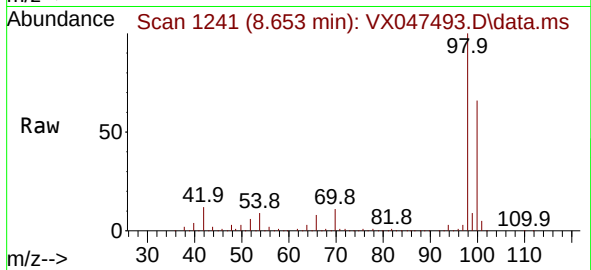




#50
Toluene-d8
Concen: 51.517 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

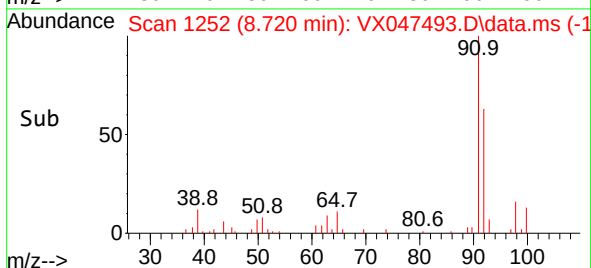
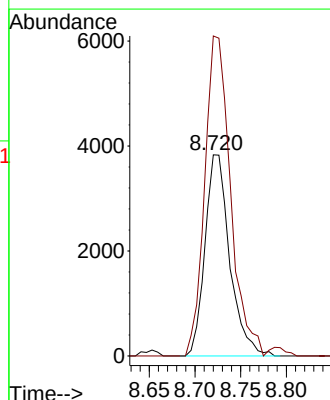
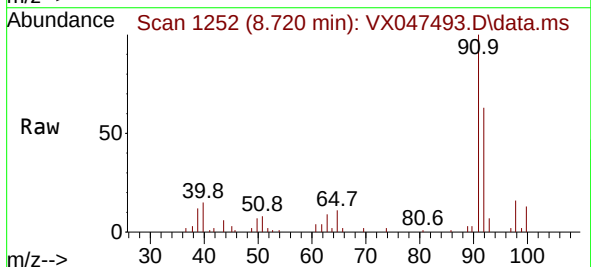
Instrument :
MSVOA_X
ClientSampleId :
MW-1C-081925RE

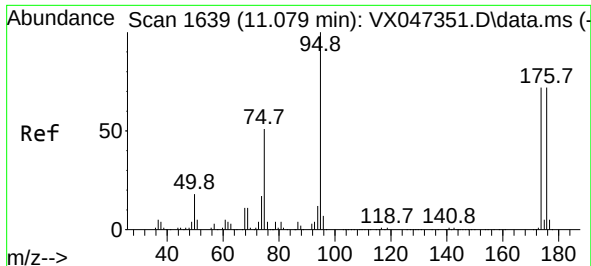
Tgt Ion: 98 Resp: 524216
Ion Ratio Lower Upper
98 100
100 66.8 53.9 80.9



#52
Toluene
Concen: 0.867 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

Tgt Ion: 92 Resp: 7208
Ion Ratio Lower Upper
92 100
91 166.5 136.3 204.5

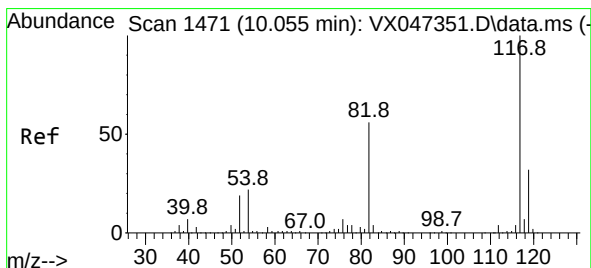
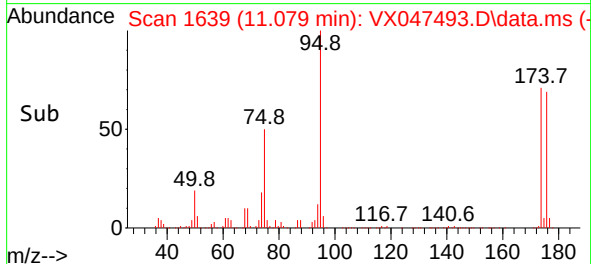
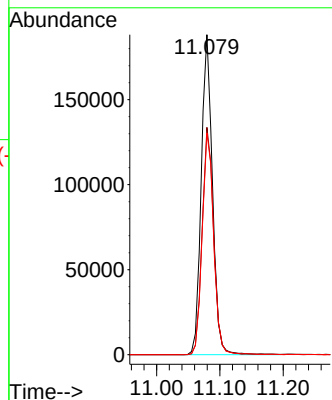
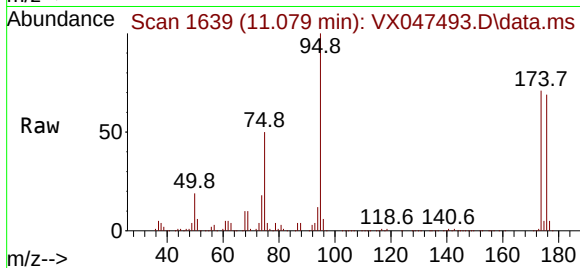




#62
4-Bromofluorobenzene
Concen: 61.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

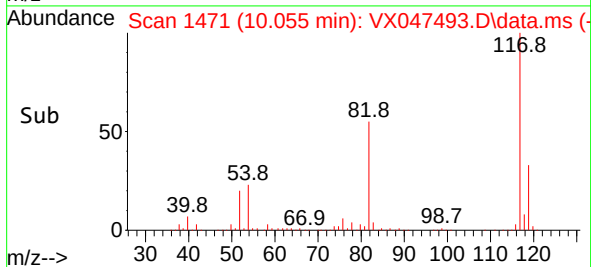
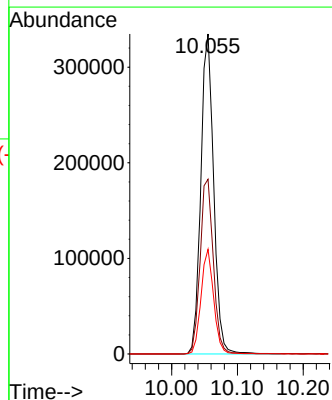
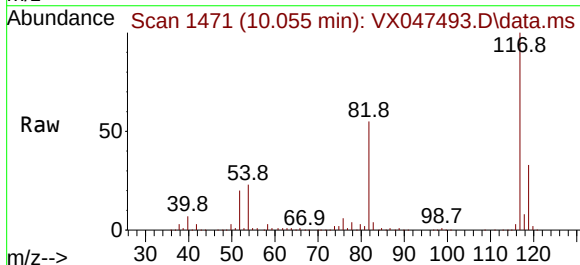
Instrument :
MSVOA_X
ClientSampleId :
MW-1C-081925RE

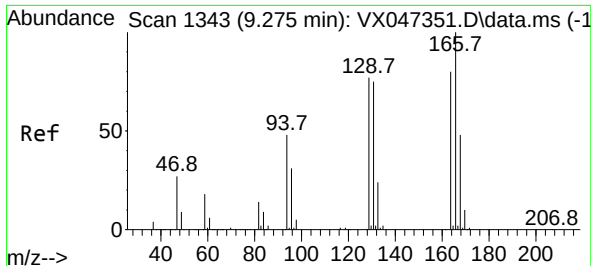
Tgt Ion: 95 Resp: 232395
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.0
176 71.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

Tgt Ion: 117 Resp: 454253
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.7 25.8 38.8

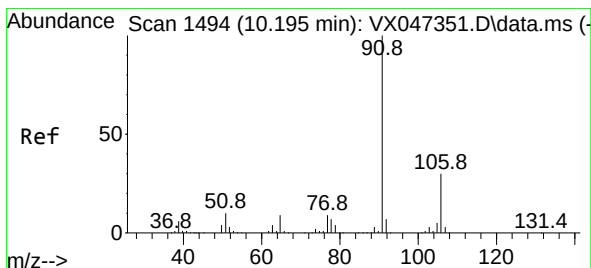
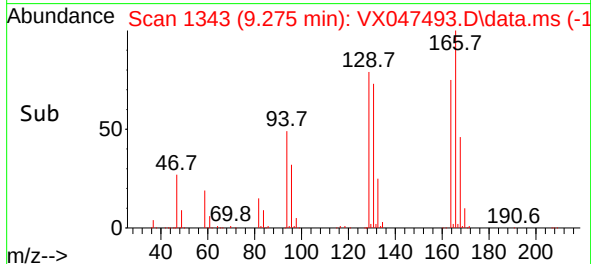
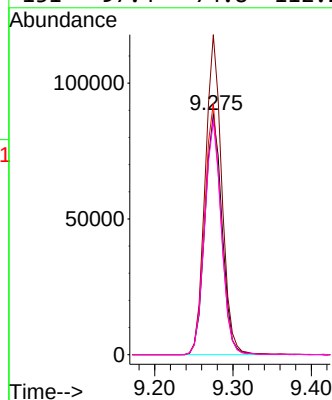
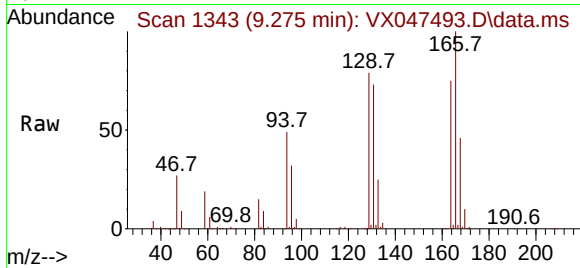




#64
Tetrachloroethene
Concen: 40.859 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

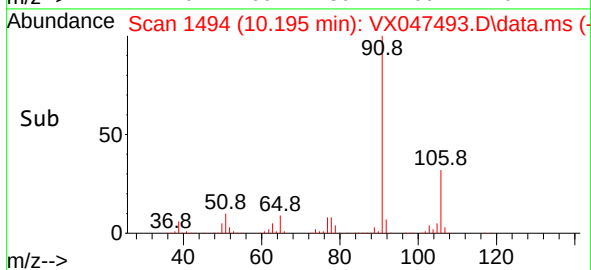
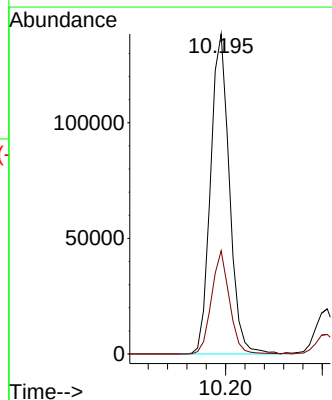
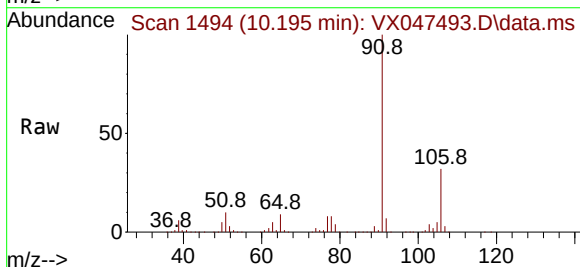
Instrument :
MSVOA_X
ClientSampleId :
MW-1C-081925RE

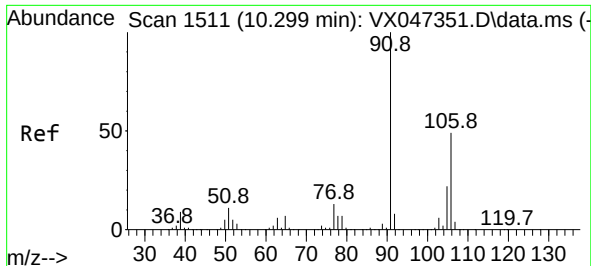
Tgt Ion:164 Resp: 134250
Ion Ratio Lower Upper
164 100
166 133.3 100.3 150.5
129 104.7 77.7 116.5
131 97.4 74.8 112.2



#67
Ethyl Benzene
Concen: 10.065 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

Tgt Ion: 91 Resp: 186999
Ion Ratio Lower Upper
91 100
106 32.3 24.4 36.6

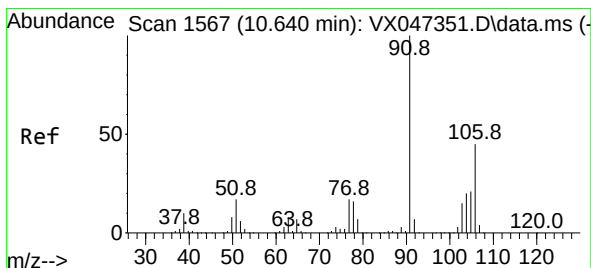
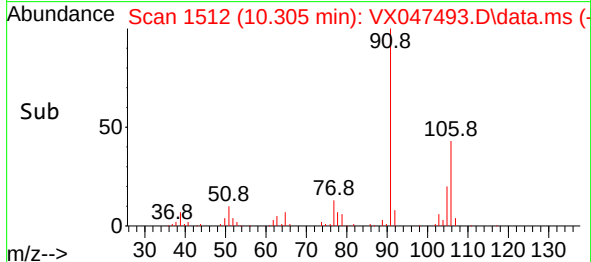
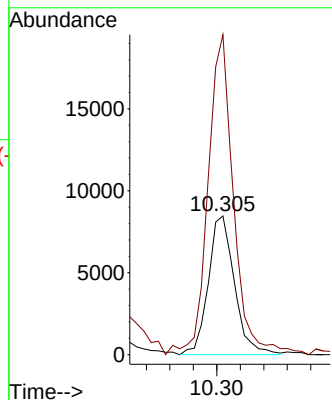
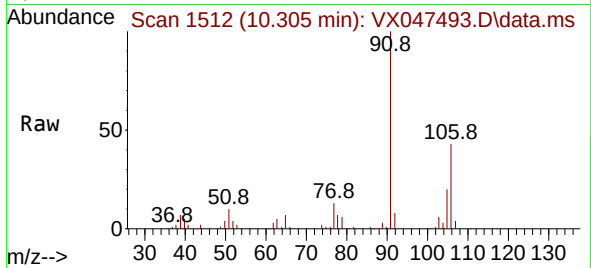




#68
m/p-Xylenes
Concen: 1.888 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

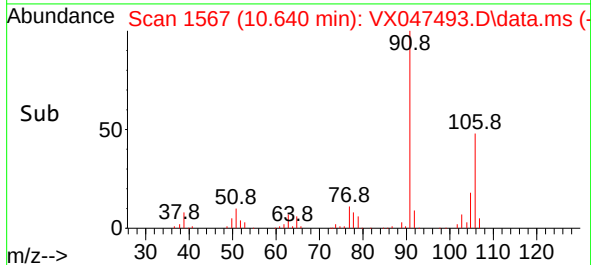
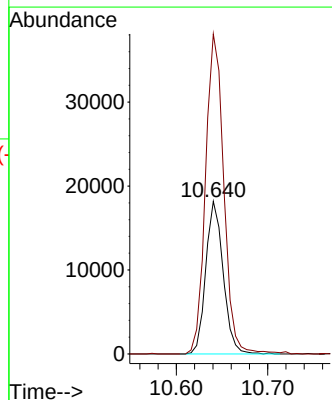
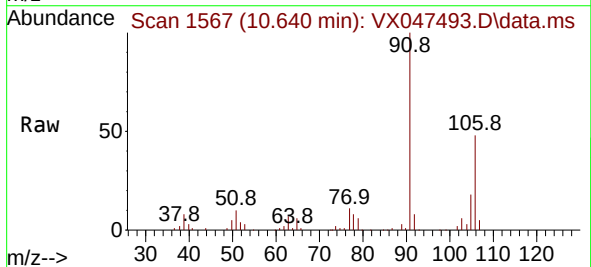
Instrument :
MSVOA_X
ClientSampleId :
MW-1C-081925RE

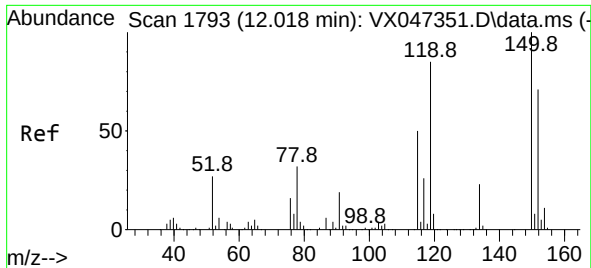
Tgt Ion:106 Resp: 13082
Ion Ratio Lower Upper
106 100
91 225.1 164.7 247.1



#69
o-Xylene
Concen: 3.607 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

Tgt Ion:106 Resp: 24045
Ion Ratio Lower Upper
106 100
91 220.2 110.6 331.8

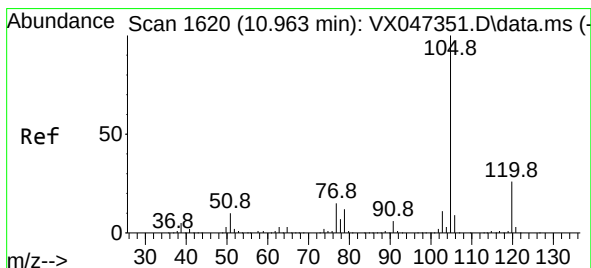
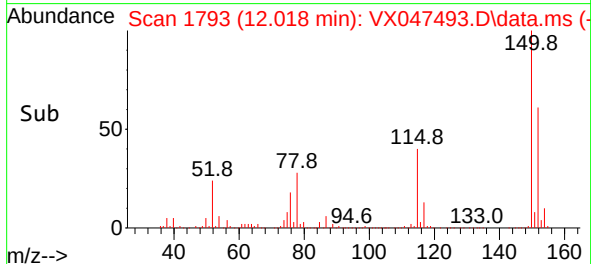
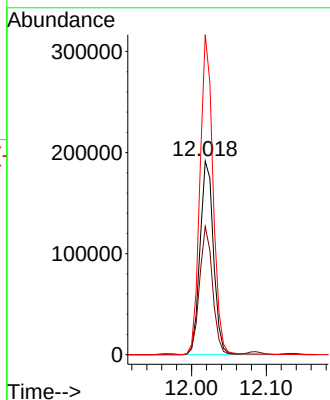
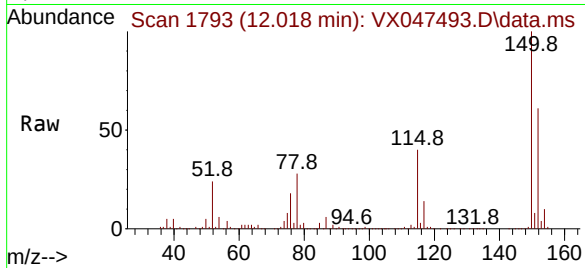




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047493.D
 Acq: 22 Aug 2025 13:37

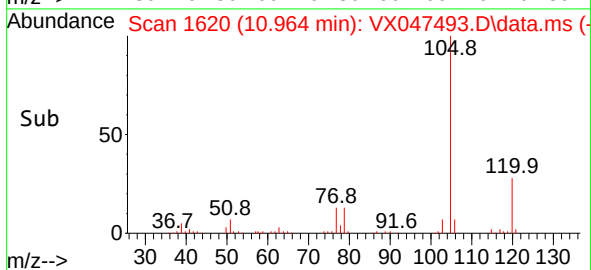
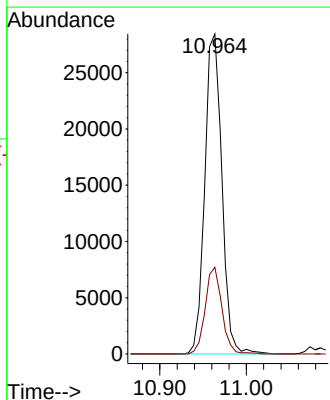
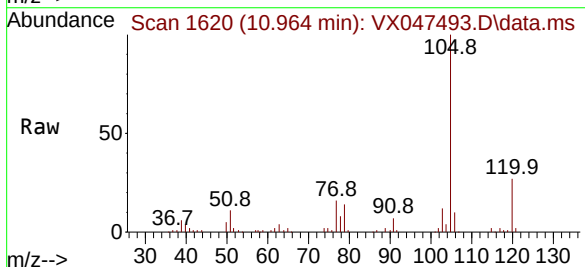
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1C-081925RE

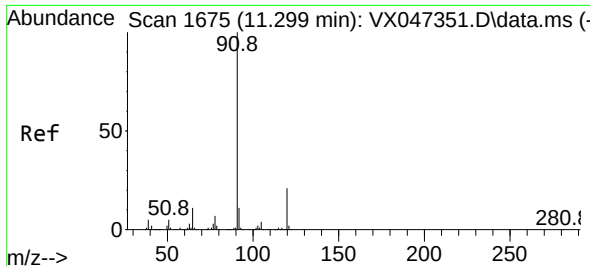
Tgt Ion:152 Resp: 240673
 Ion Ratio Lower Upper
 152 100
 115 63.6 44.6 133.8
 150 159.6 0.0 349.8



#73
 Isopropylbenzene
 Concen: 2.070 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX047493.D
 Acq: 22 Aug 2025 13:37

Tgt Ion:105 Resp: 38989
 Ion Ratio Lower Upper
 105 100
 120 26.4 12.9 38.6

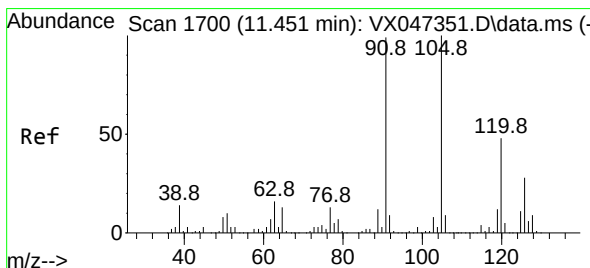
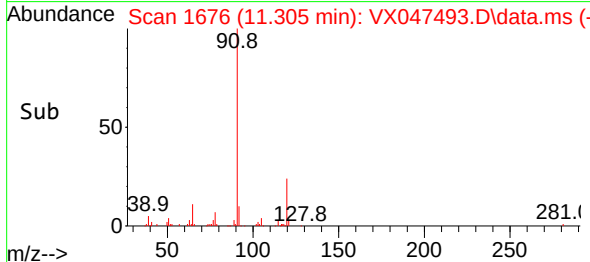
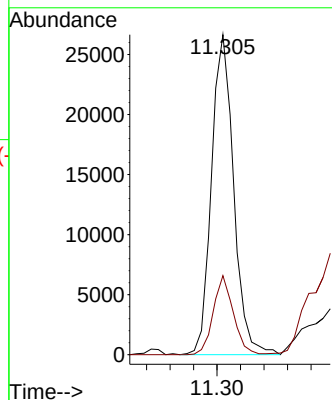
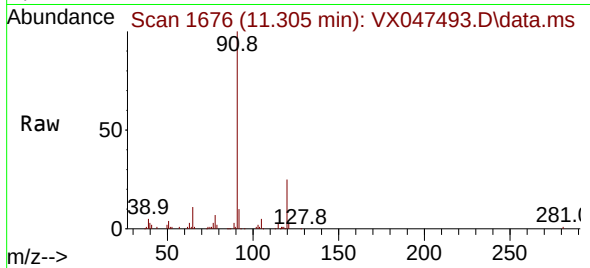




#78
n-propylbenzene
Concen: 1.551 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

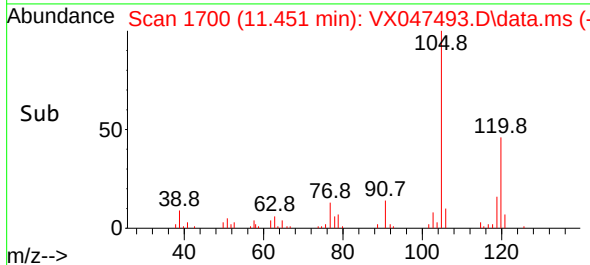
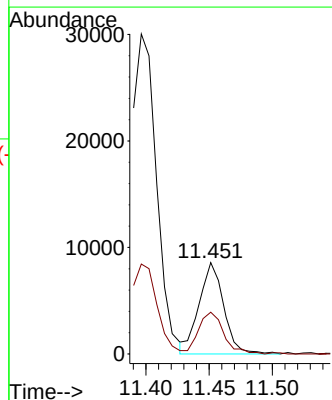
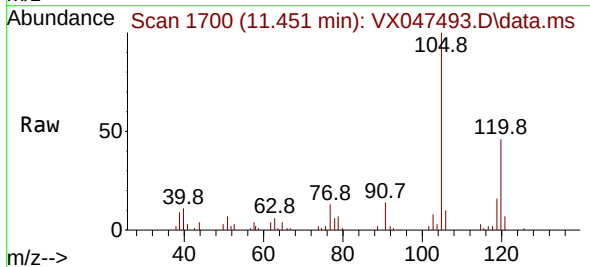
Instrument :
MSVOA_X
ClientSampleId :
MW-1C-081925RE

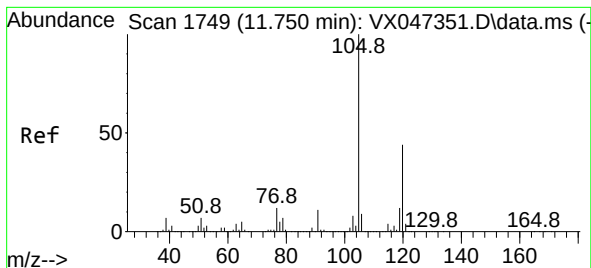
Tgt Ion: 91 Resp: 34886
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 0.753 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047493.D
Acq: 22 Aug 2025 13:37

Tgt Ion: 105 Resp: 11673
Ion Ratio Lower Upper
105 100
120 46.8 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 7.696 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047493.D

Acq: 22 Aug 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

MW-1C-081925RE

Tgt Ion:105 Resp: 119261

Ion Ratio Lower Upper

105 100

120 45.0 21.9 65.7

