

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047464.D
 Acq On : 21 Aug 2025 13:04
 Operator : JC/MD
 Sample : Q2900-03DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-081825DL

Quant Time: Aug 22 03:44:25 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)

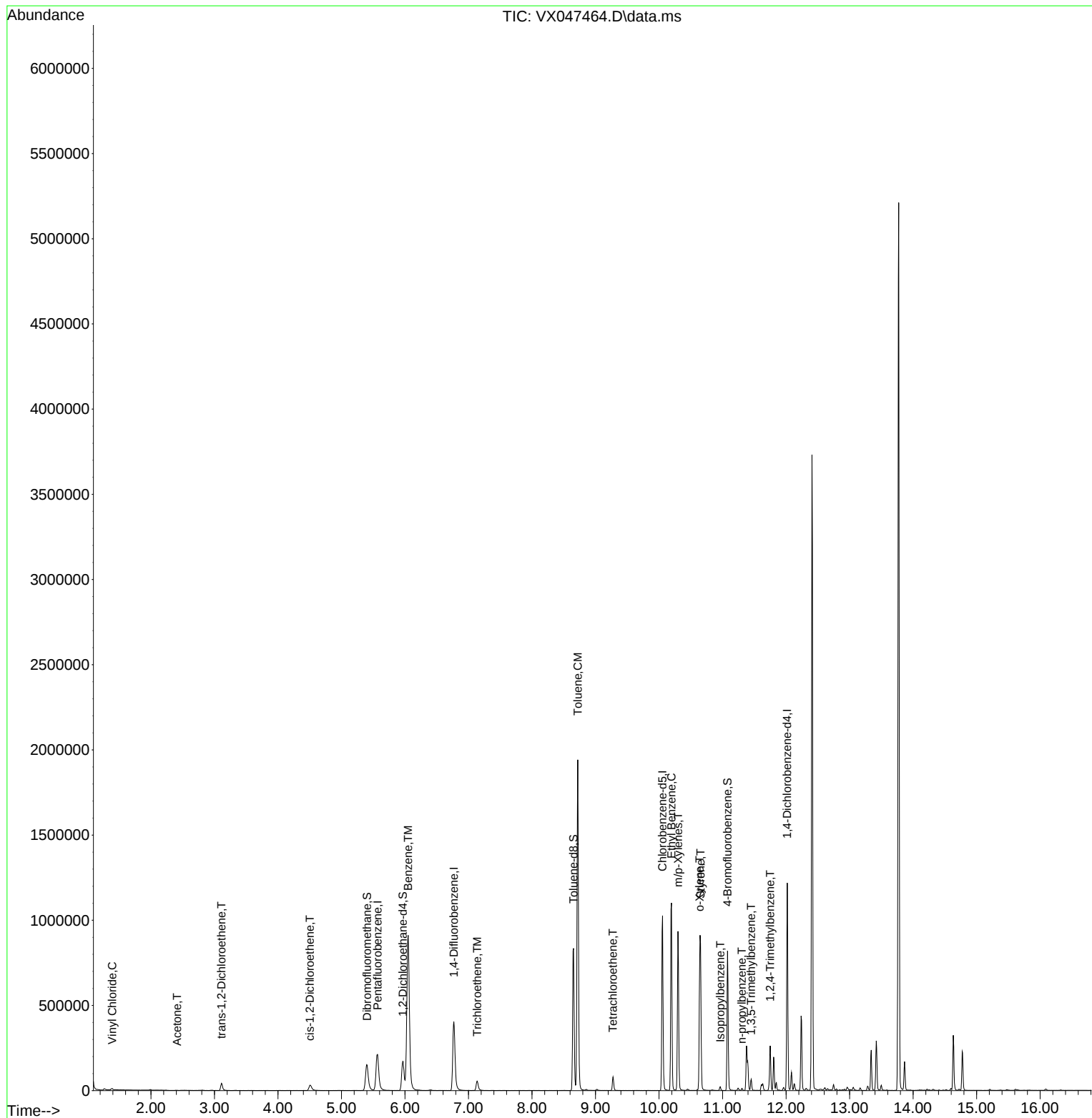
Internal Standards						
1) Pentafluorobenzene	5.568	168	216774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	445116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	233270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	181373	59.784	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 119.560%#		
35) Dibromofluoromethane	5.403	113	146059	50.560	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.120%		
50) Toluene-d8	8.653	98	512748	49.658	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.320%		
62) 4-Bromofluorobenzene	11.079	95	215849	56.649	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 113.300%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.392	62	3390	1.086	ug/l	# 79
16) Acetone	2.410	43	1956	1.715	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	19389	6.693	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	23101	6.847	ug/l	89
40) Benzene	6.049	78	1171994	85.862	ug/l	99
44) Trichloroethene	7.135	130	23237	6.649	ug/l	100
52) Toluene	8.720	92	735146	87.159	ug/l	100
64) Tetrachloroethene	9.274	164	15609	4.830	ug/l	96
67) Ethyl Benzene	10.195	91	656129	35.903	ug/l	98
68) m/p-Xylenes	10.299	106	209370	30.725	ug/l	98
69) o-Xylene	10.640	106	132353	20.183	ug/l	98
70) Styrene	10.652	104	260752	23.533	ug/l	98
73) Isopropylbenzene	10.963	105	10947	0.600	ug/l	96
78) n-propylbenzene	11.305	91	7568	0.347	ug/l	# 54
80) 1,3,5-Trimethylbenzene	11.451	105	29954	1.994	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	114314	7.611	ug/l	98

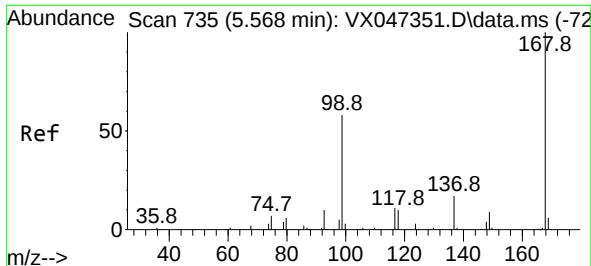
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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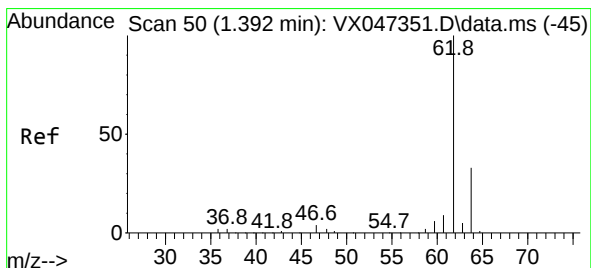
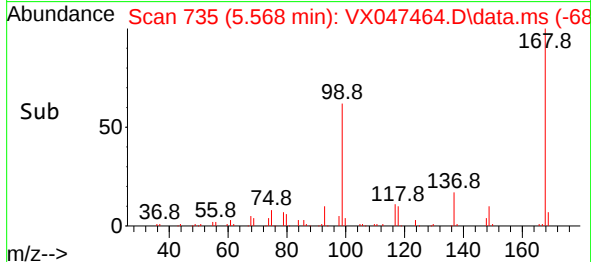
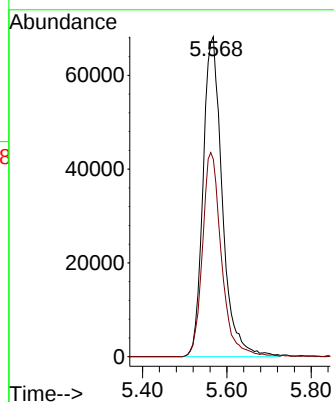
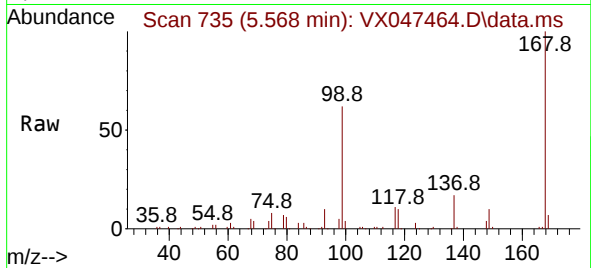




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

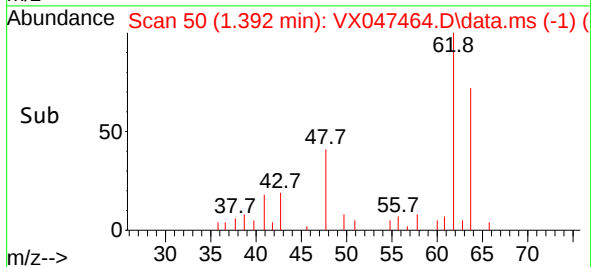
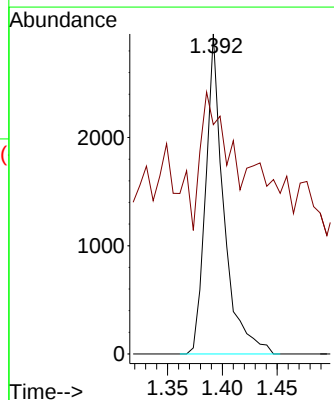
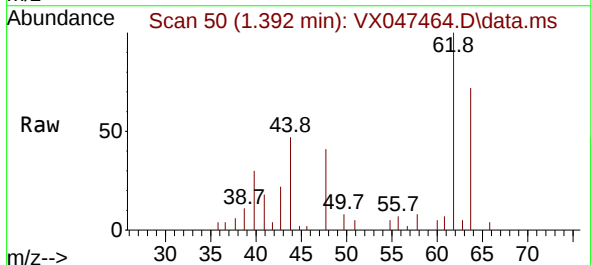
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-081825DL

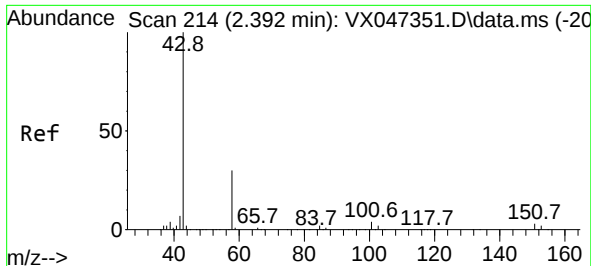
Tgt Ion:168 Resp: 216774
Ion Ratio Lower Upper
168 100
99 61.7 47.9 71.9



#4
Vinyl Chloride
Concen: 1.086 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Tgt Ion: 62 Resp: 3390
Ion Ratio Lower Upper
62 100
64 21.5 26.5 39.7#

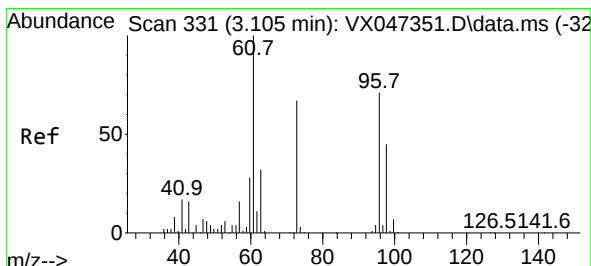
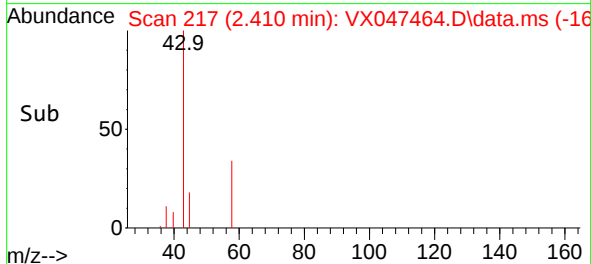
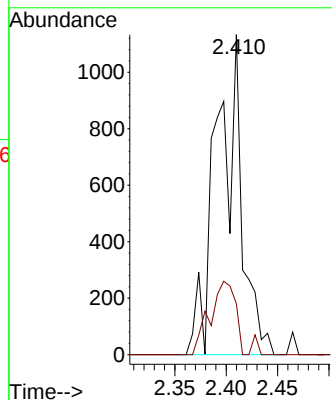
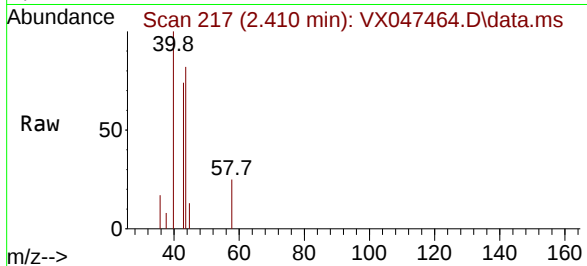




#16
Acetone
Concen: 1.715 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

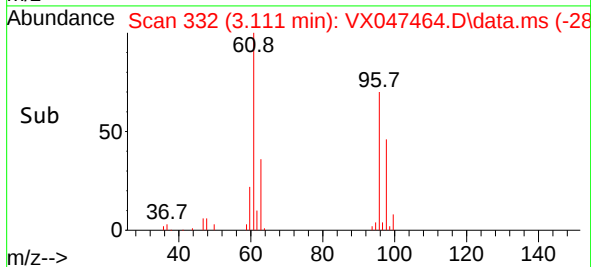
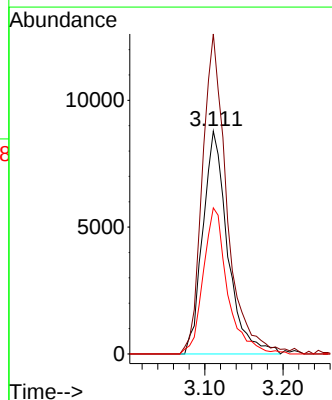
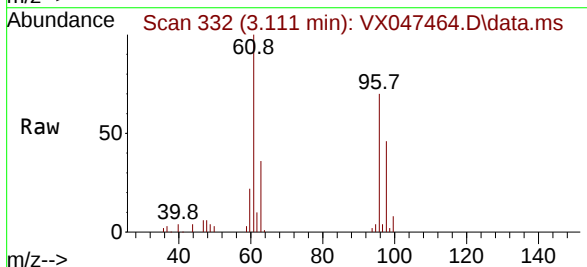
Instrument :
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ClientSampleId :
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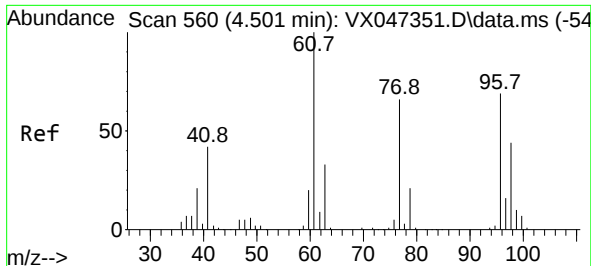
Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 28.9 24.8 37.2



#21
trans-1,2-Dichloroethene
Concen: 6.693 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Tgt Ion: 96 Resp: 19389
Ion Ratio Lower Upper
96 100
61 136.3 112.6 169.0
98 65.4 50.9 76.3





#27

cis-1,2-Dichloroethene

Concen: 6.847 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX047464.D

Acq: 21 Aug 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-081825DL

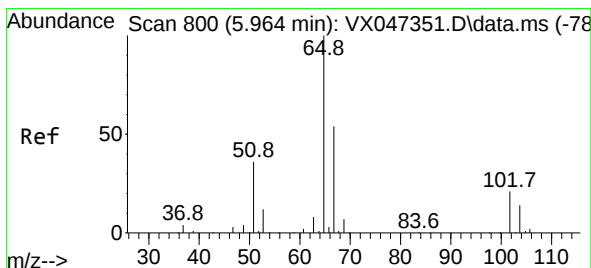
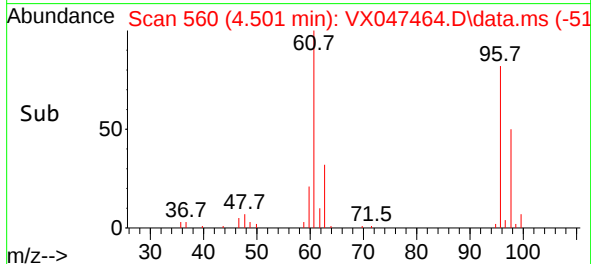
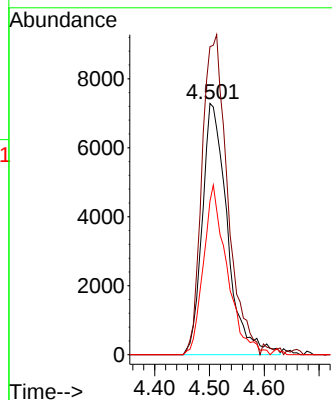
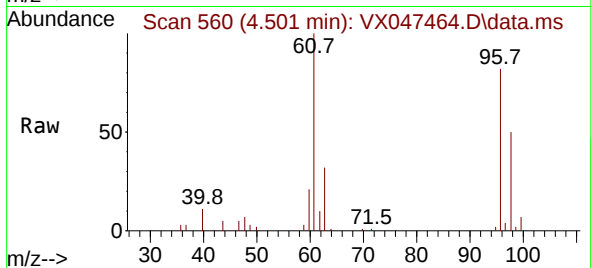
Tgt Ion: 96 Resp: 23101

Ion Ratio Lower Upper

96 100

61 129.6 0.0 296.6

98 63.8 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 59.784 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047464.D

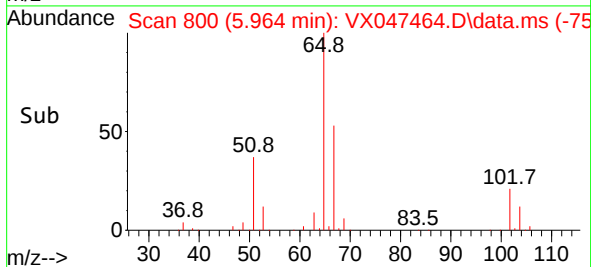
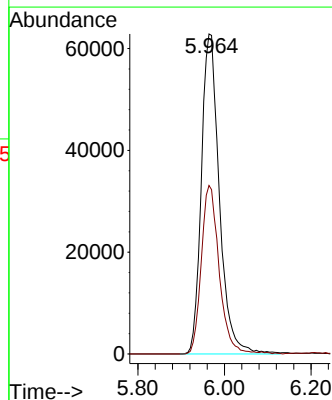
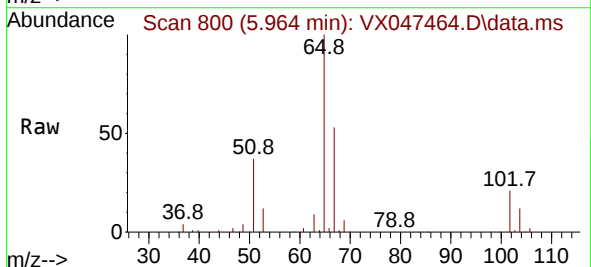
Acq: 21 Aug 2025 13:04

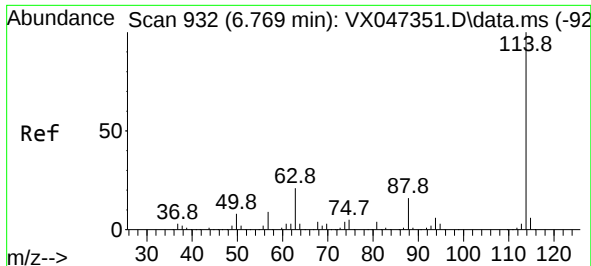
Tgt Ion: 65 Resp: 181373

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.0

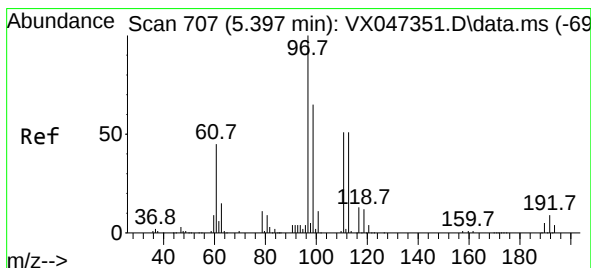
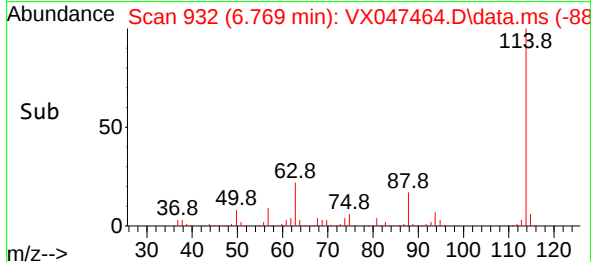
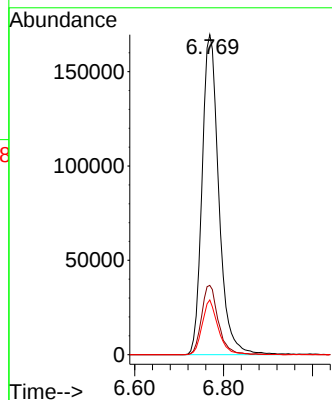
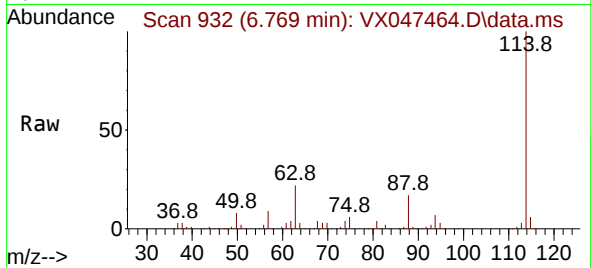




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

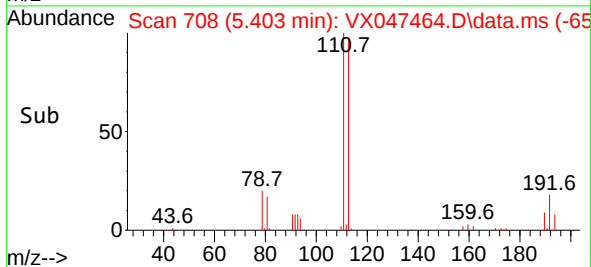
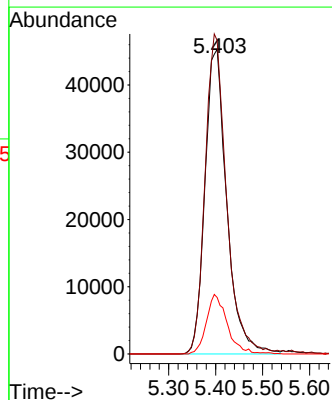
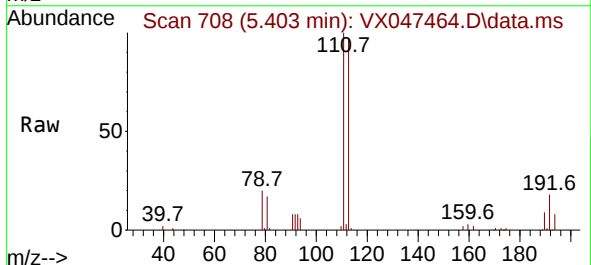
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-081825DL

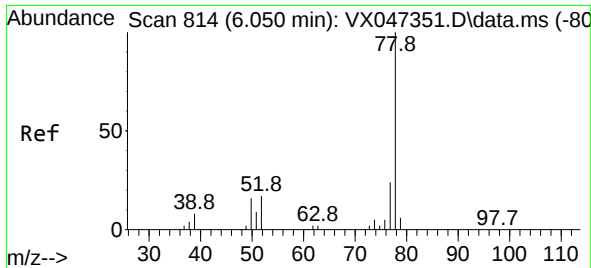
Tgt Ion:114 Resp: 445116
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 17.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.560 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Tgt Ion:113 Resp: 146059
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.2
192 18.7 14.1 21.1





#40

Benzene

Concen: 85.862 ug/l

RT: 6.049 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX047464.D

Acq: 21 Aug 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

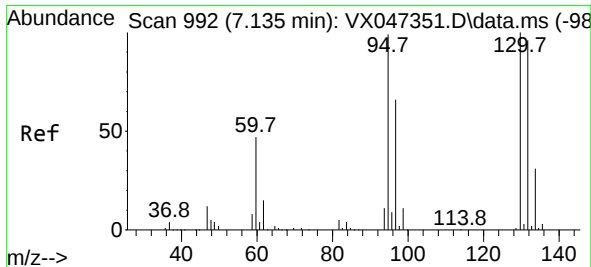
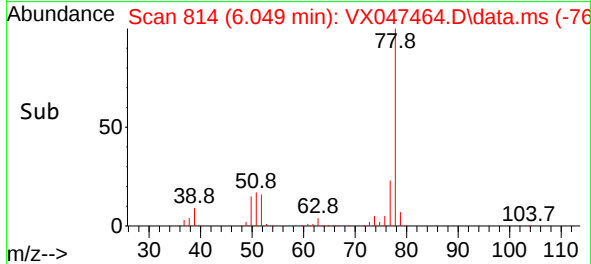
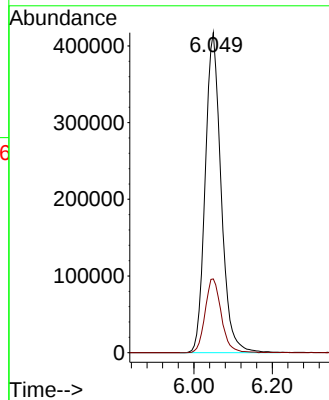
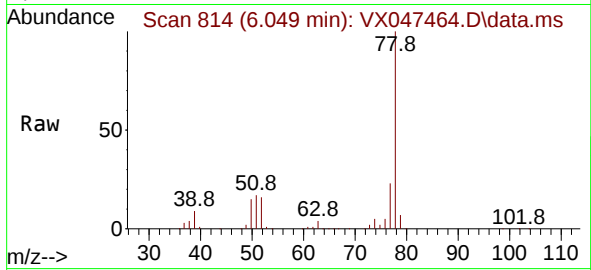
DUP-01-081825DL

Tgt Ion: 78 Resp: 1171994

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4



#44

Trichloroethene

Concen: 6.649 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX047464.D

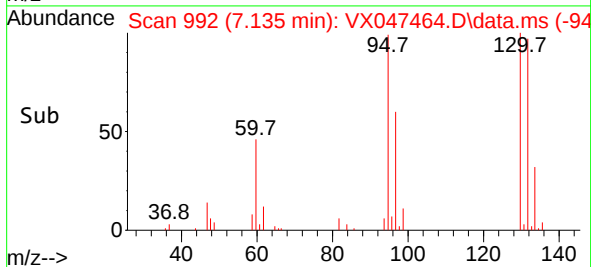
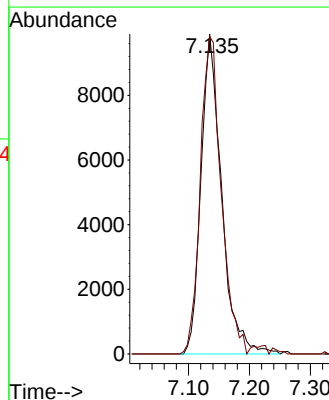
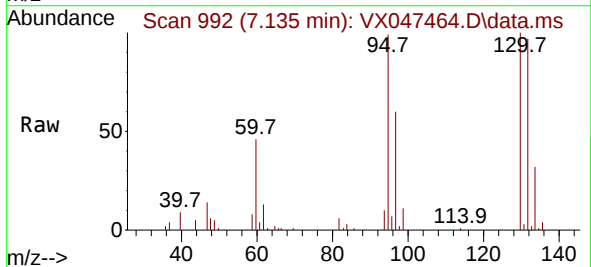
Acq: 21 Aug 2025 13:04

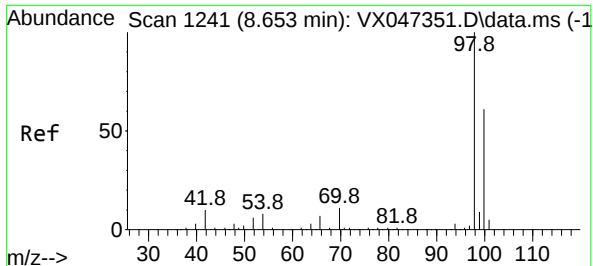
Tgt Ion:130 Resp: 23237

Ion Ratio Lower Upper

130 100

95 99.3 0.0 198.6

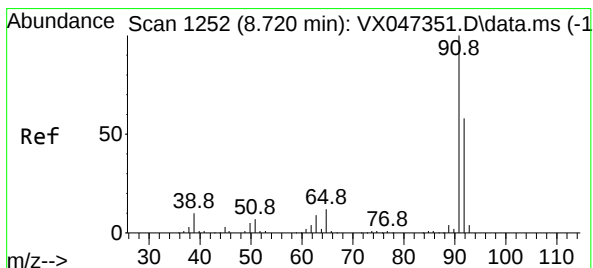
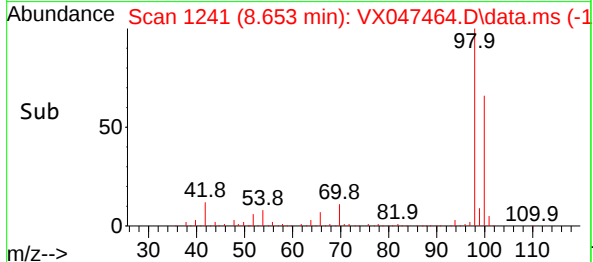
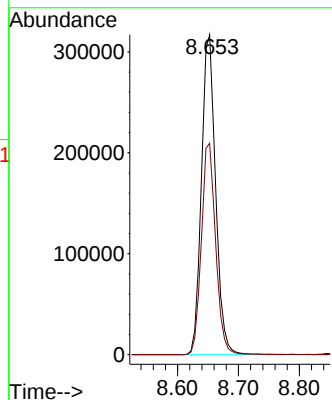
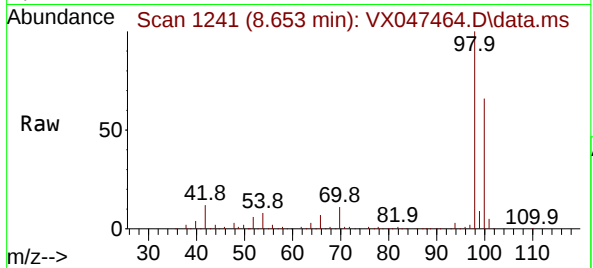




#50
Toluene-d8
Concen: 49.658 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

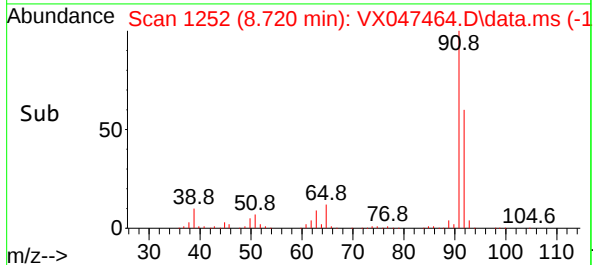
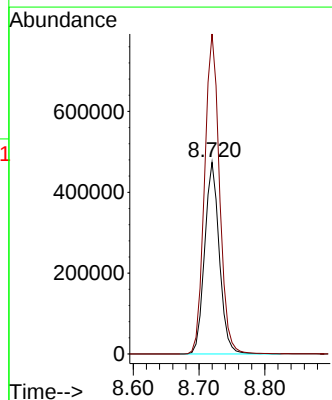
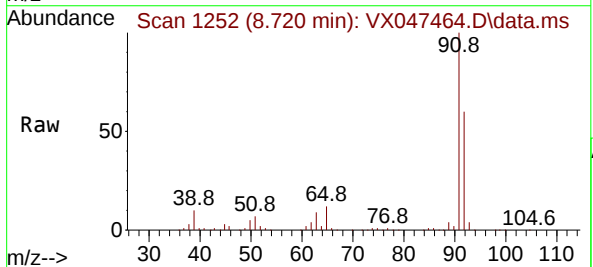
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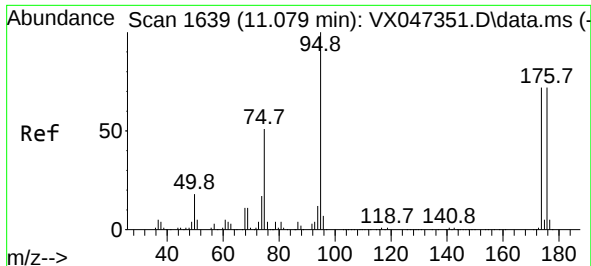
Tgt Ion: 98 Resp: 512748
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9



#52
Toluene
Concen: 87.159 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Tgt Ion: 92 Resp: 735146
Ion Ratio Lower Upper
92 100
91 170.1 136.3 204.5

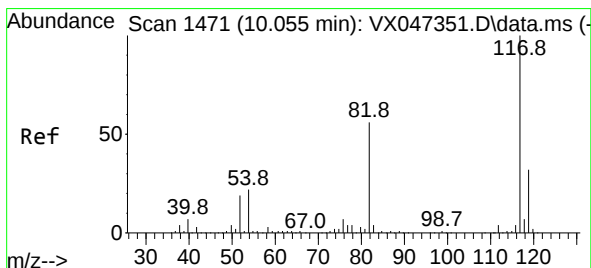
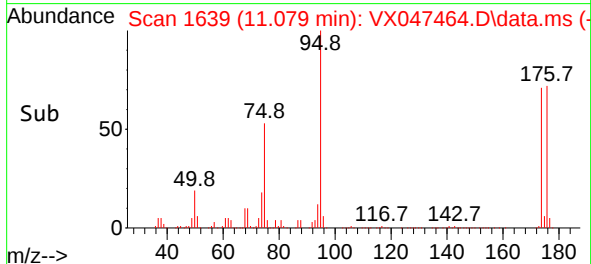
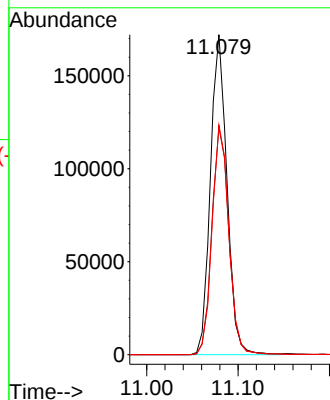
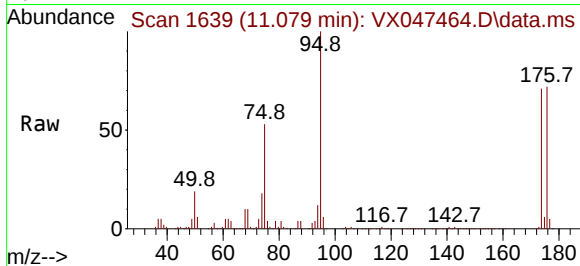




#62
4-Bromofluorobenzene
Concen: 56.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

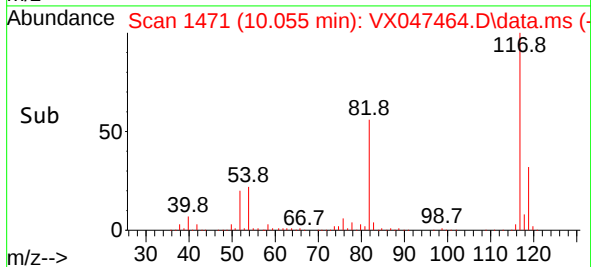
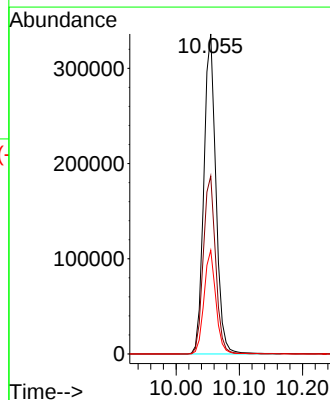
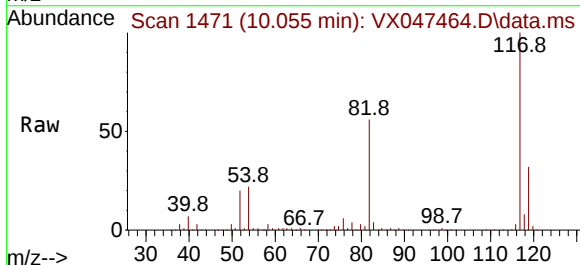
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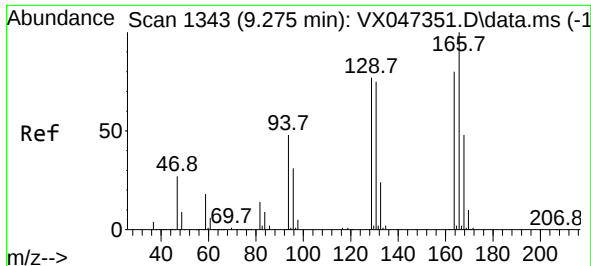
Tgt Ion: 95 Resp: 215849
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.0
176 72.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

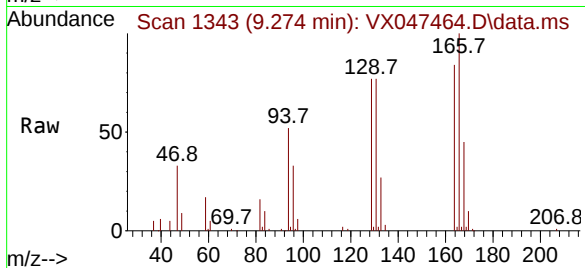
Tgt Ion: 117 Resp: 446806
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.4 25.8 38.8



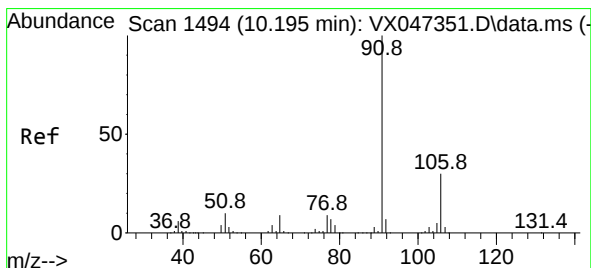
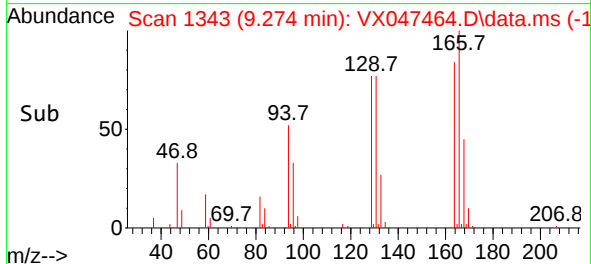
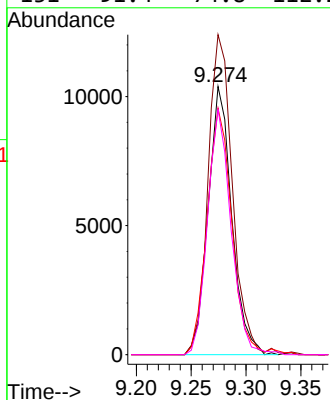


#64
Tetrachloroethene
Concen: 4.830 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-081825DL

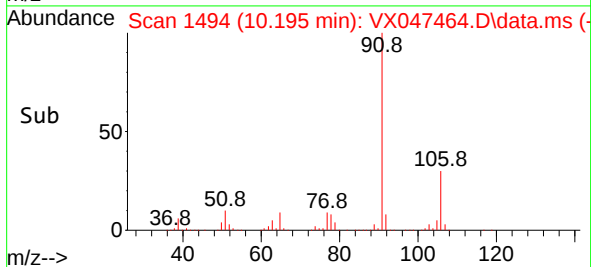
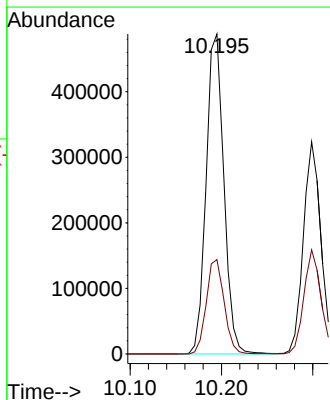
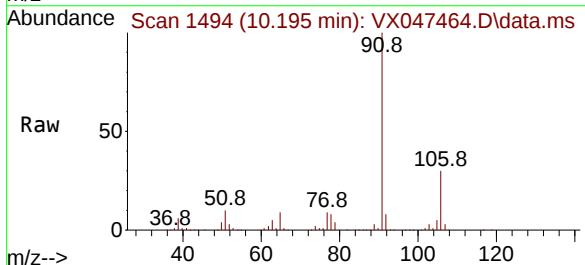


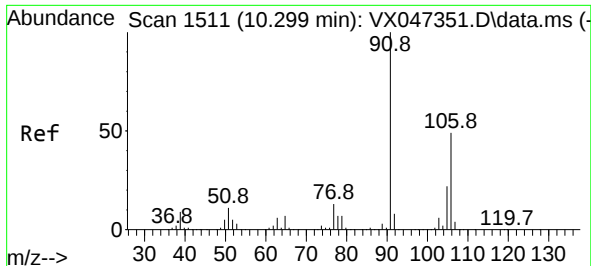
Tgt Ion:164 Resp: 15609
Ion Ratio Lower Upper
164 100
166 119.3 100.3 150.5
129 91.9 77.7 116.5
131 91.4 74.8 112.2



#67
Ethyl Benzene
Concen: 35.903 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Tgt Ion: 91 Resp: 656129
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6

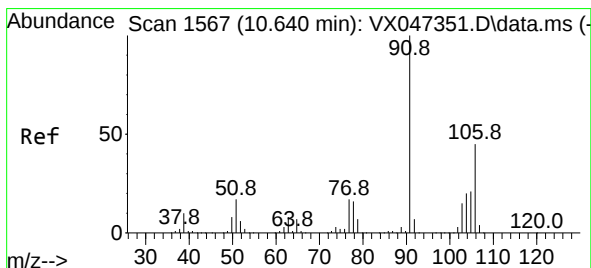
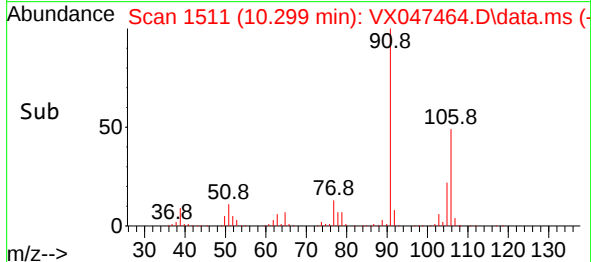
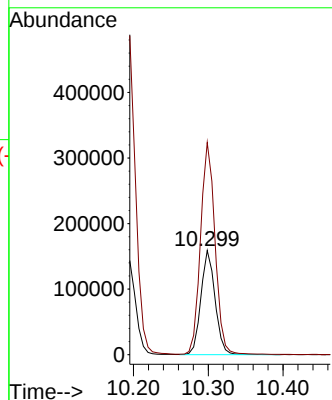
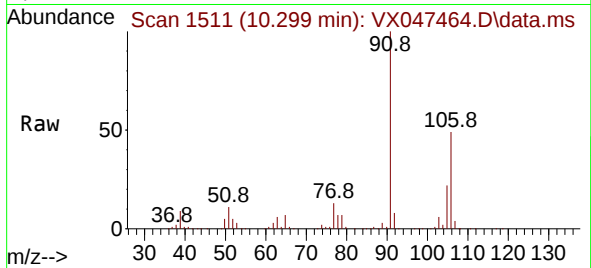




#68
m/p-Xylenes
Concen: 30.725 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

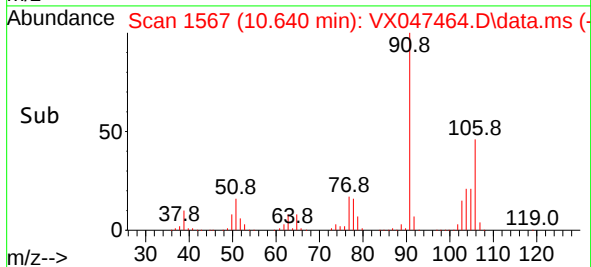
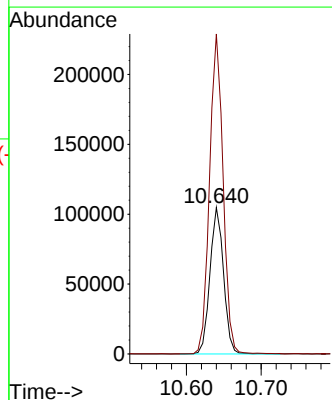
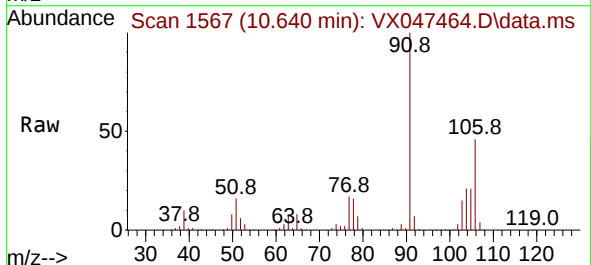
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-081825DL

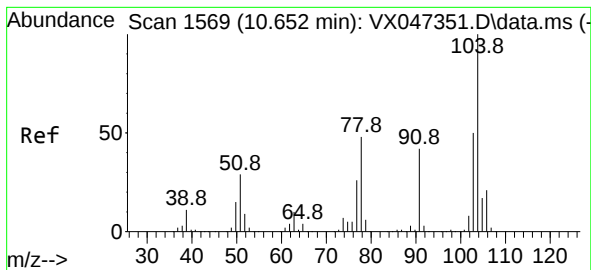
Tgt Ion:106 Resp: 209370
Ion Ratio Lower Upper
106 100
91 208.4 164.7 247.1



#69
o-Xylene
Concen: 20.183 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Tgt Ion:106 Resp: 132353
Ion Ratio Lower Upper
106 100
91 218.1 110.6 331.8





#70

Styrene

Concen: 23.533 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX047464.D

Acq: 21 Aug 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-081825DL

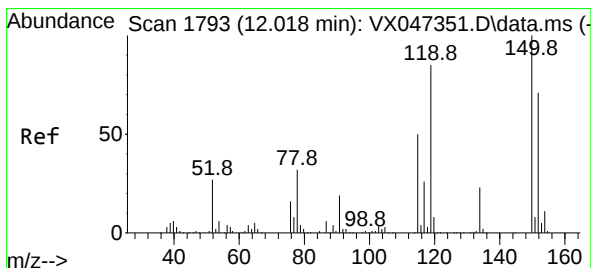
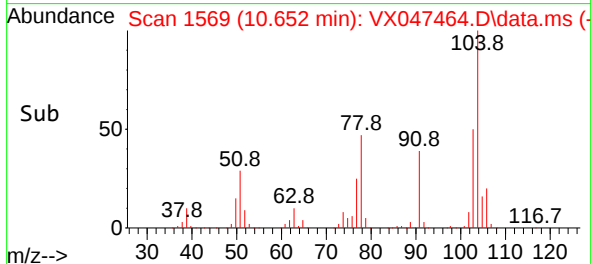
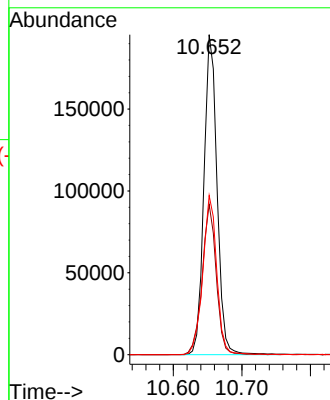
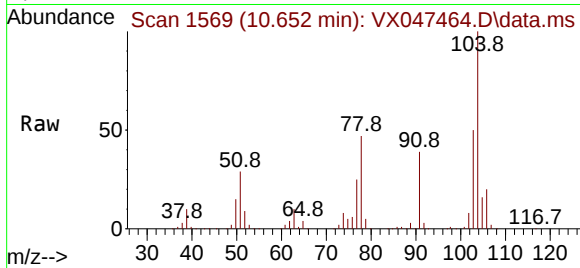
Tgt Ion:104 Resp: 260752

Ion Ratio Lower Upper

104 100

78 50.4 41.8 62.8

103 53.0 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047464.D

Acq: 21 Aug 2025 13:04

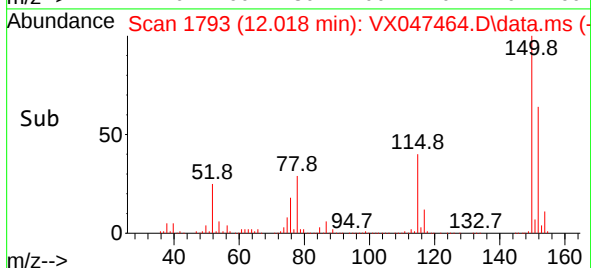
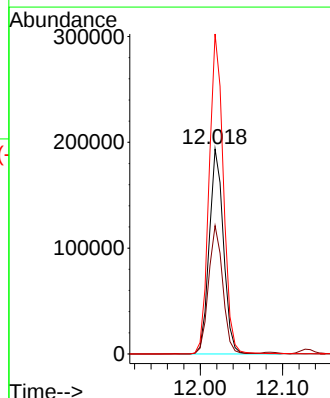
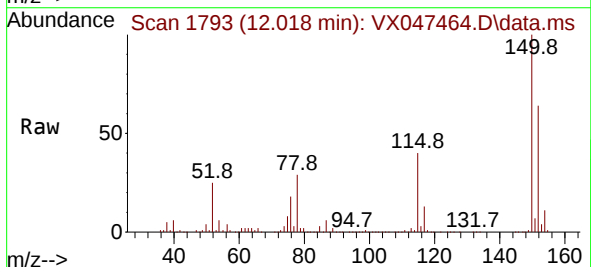
Tgt Ion:152 Resp: 233270

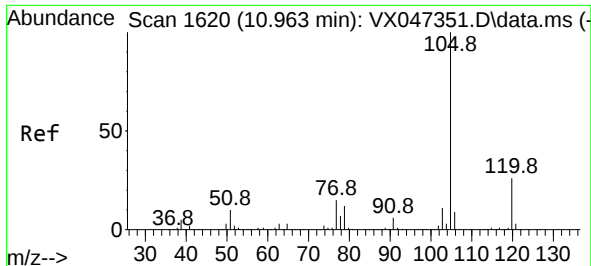
Ion Ratio Lower Upper

152 100

115 62.1 44.6 133.8

150 155.9 0.0 349.8

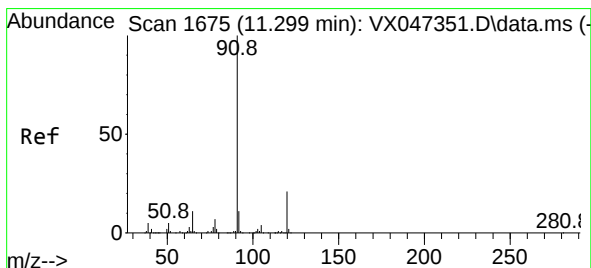
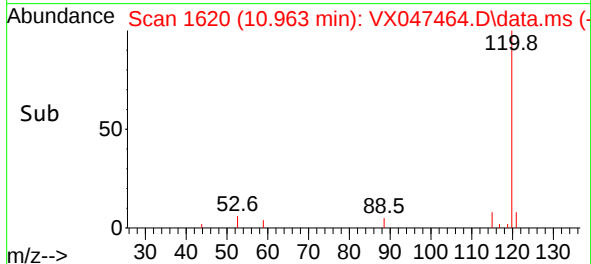
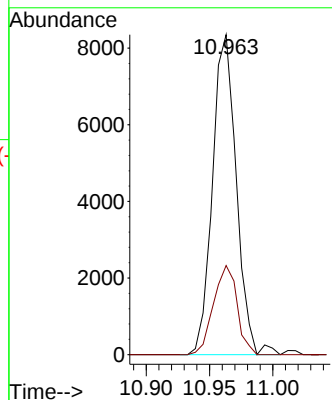
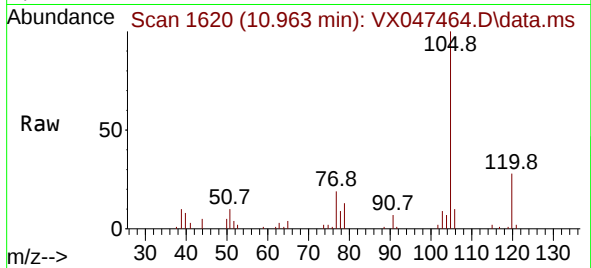




#73
Isopropylbenzene
Concen: 0.600 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

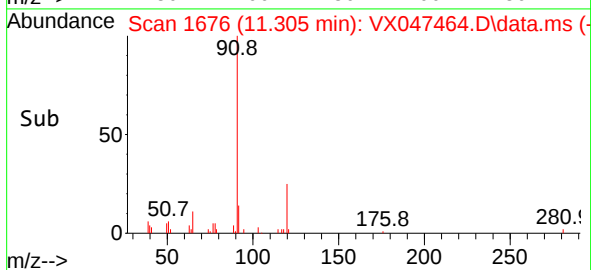
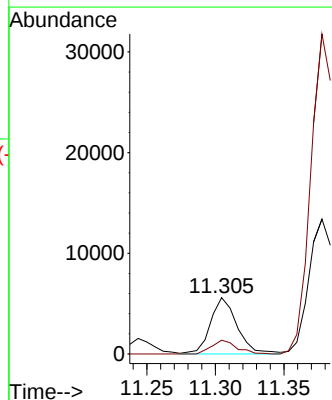
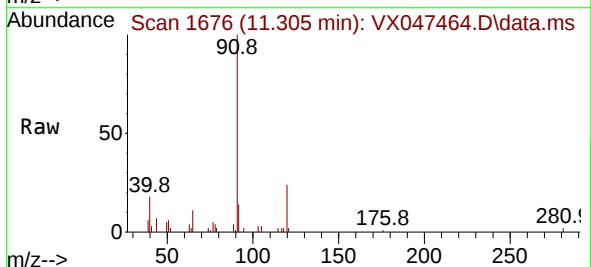
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-081825DL

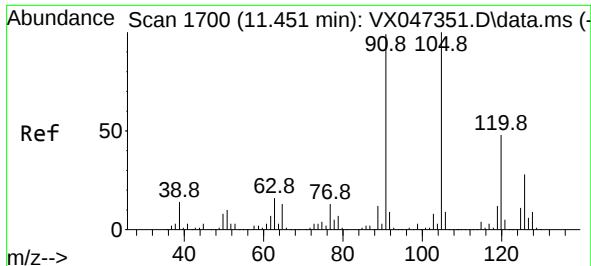
Tgt Ion:105 Resp: 10947
Ion Ratio Lower Upper
105 100
120 27.5 12.9 38.6



#78
n-propylbenzene
Concen: 0.347 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Tgt Ion: 91 Resp: 7568
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#

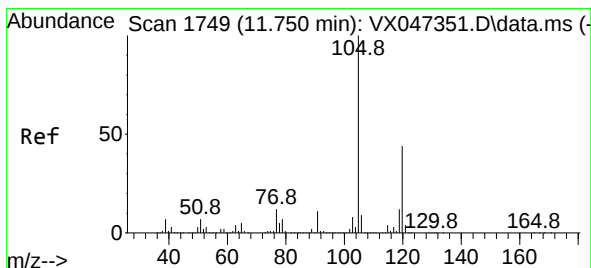
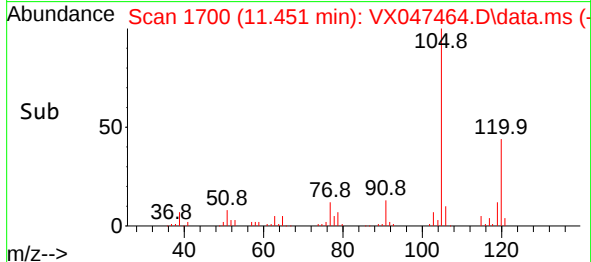
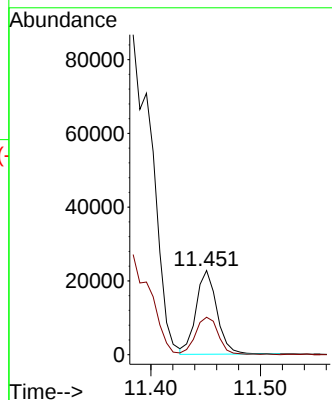
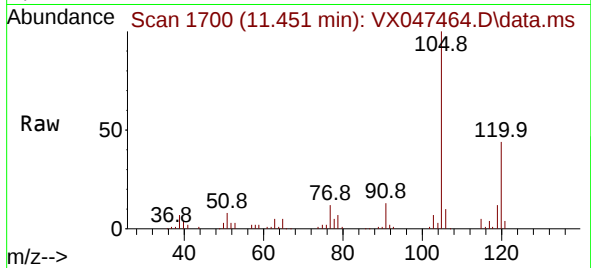




#80
1,3,5-Trimethylbenzene
Concen: 1.994 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-081825DL

Tgt Ion:105 Resp: 29954
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7



#84
1,2,4-Trimethylbenzene
Concen: 7.611 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047464.D
Acq: 21 Aug 2025 13:04

Tgt Ion:105 Resp: 114314
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.7

