

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047162.D
 Acq On : 28 Jul 2025 14:03
 Operator : JC/MD
 Sample : Q2681-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NYPA-POUCH-SPENT-CARBON

Quant Time: Jul 29 03:33:31 2025
 Quant Title :
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

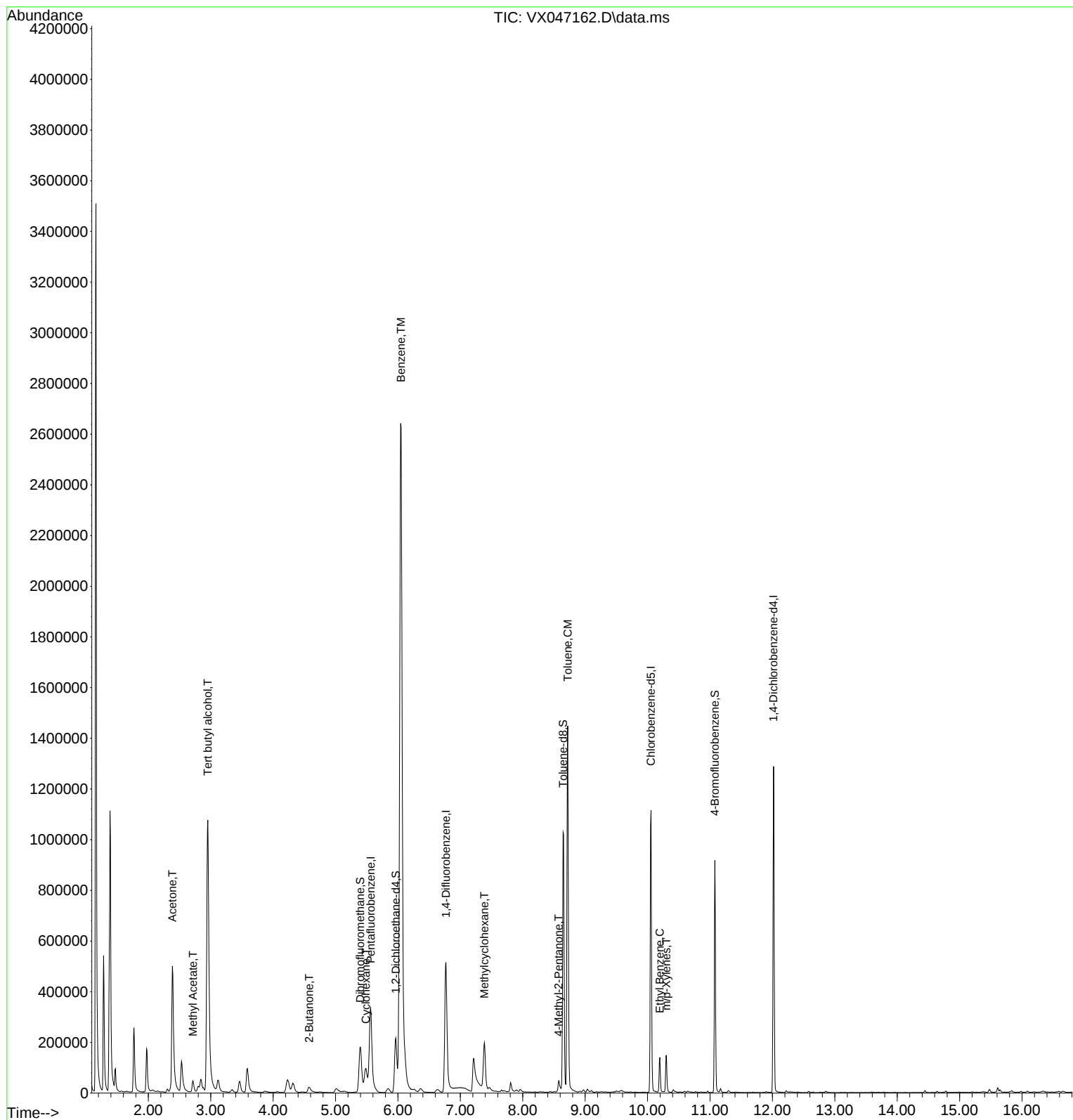
Internal Standards						
1) Pentafluorobenzene	5.562	168	328899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	549412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	500328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	258193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	225979	55.157	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.320%	
35) Dibromofluoromethane	5.397	113	171228	50.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	8.647	98	626948	57.069	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 114.140%#	
62) 4-Bromofluorobenzene	11.079	95	242667	51.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1519782	3298.656	ug/l	99
16) Acetone	2.386	43	707437	431.026	ug/l	99
18) Methyl Acetate	2.715	43	59422	13.624	ug/l	99
25) 2-Butanone	4.574	43	45496	19.037	ug/l	99
31) Cyclohexane	5.483	56	71640m	9.354	ug/l	
39) Methylcyclohexane	7.385	83	85157	11.795	ug/l	95
40) Benzene	6.050	78	3386197	202.351	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	32060	6.493	ug/l	97
52) Toluene	8.720	92	551563	53.604	ug/l	99
67) Ethyl Benzene	10.195	91	82208	4.011	ug/l	99
68) m/p-Xylenes	10.299	106	34134	4.451	ug/l	98

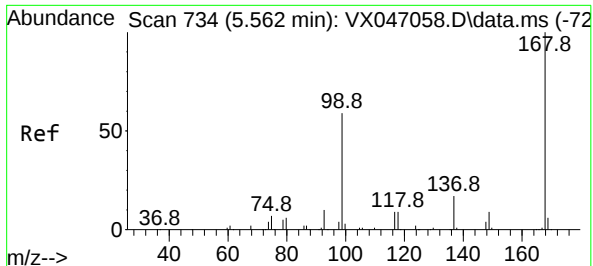
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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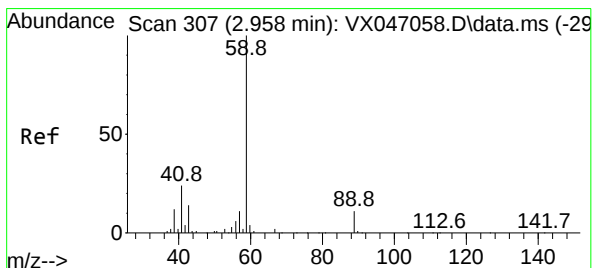
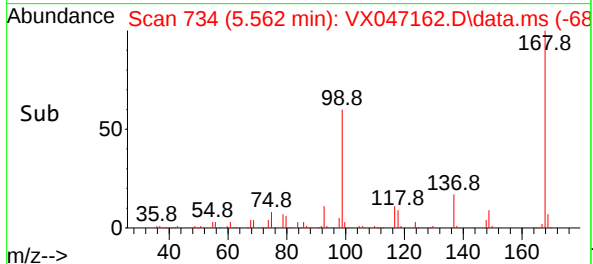
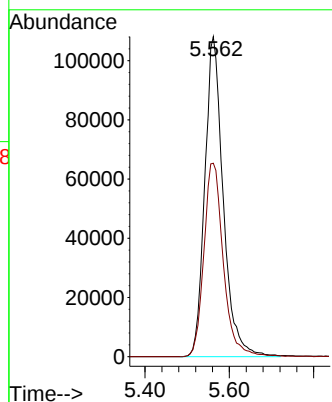
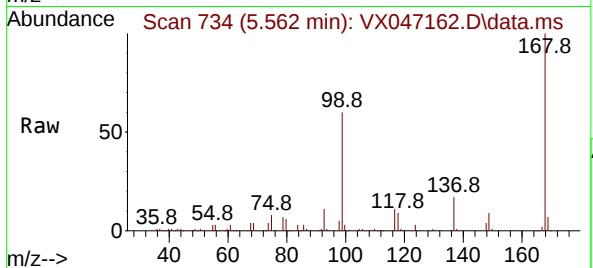




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

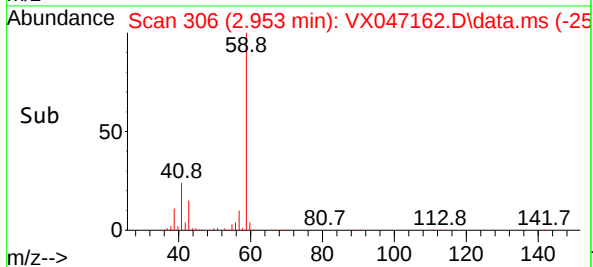
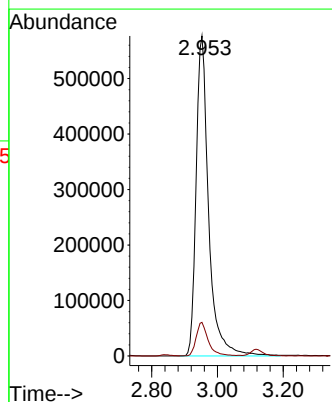
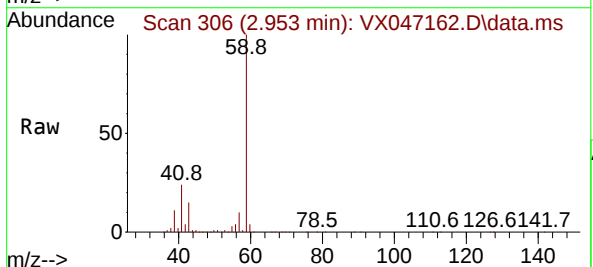
Instrument :
MSVOA_X
ClientSampleId :
NYPA-POUCH-SPENT-CARBON

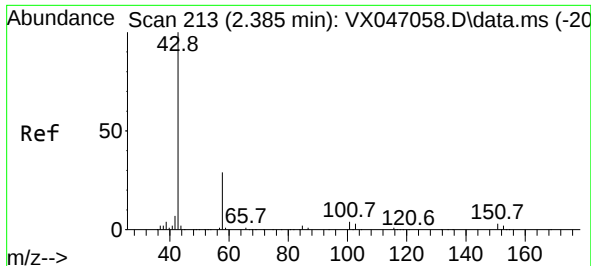
Tgt Ion:168 Resp: 328899
Ion Ratio Lower Upper
168 100
99 60.4 48.0 72.0



#11
Tert butyl alcohol
Concen: 3298.656 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

Tgt Ion: 59 Resp: 1519782
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

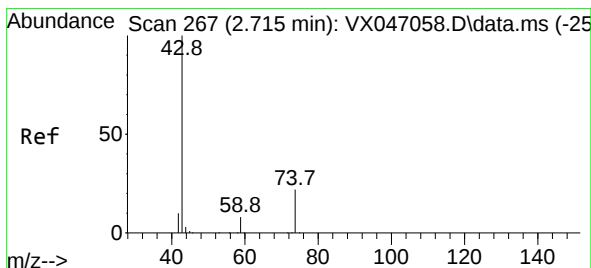
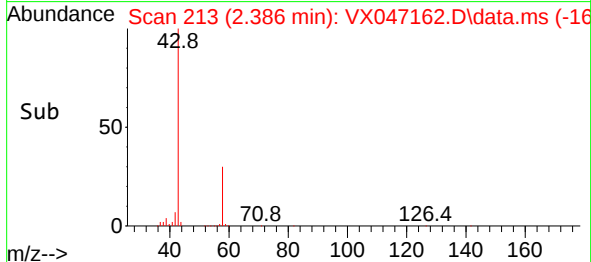
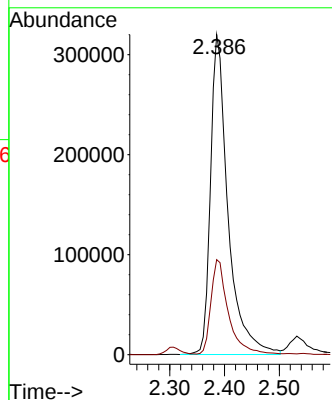
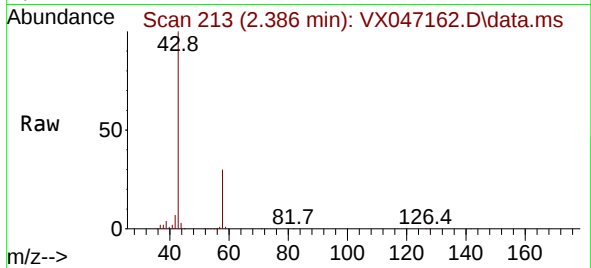




#16
Acetone
Concen: 431.026 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

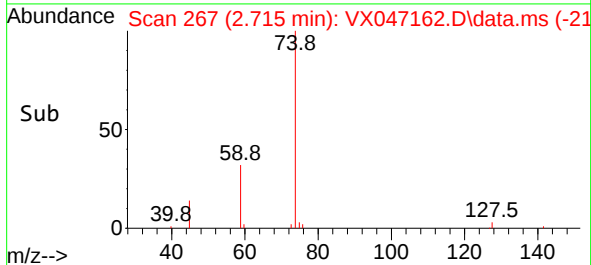
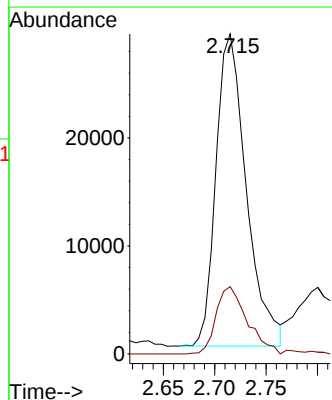
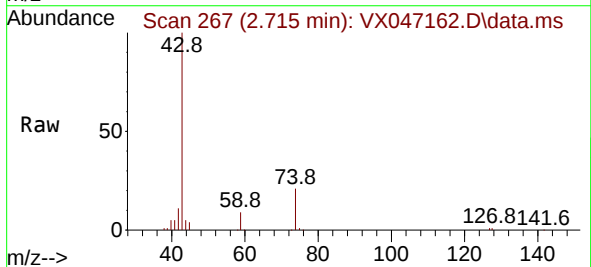
Instrument :
MSVOA_X
ClientSampleId :
NYPA-POUCH-SPENT-CARBON

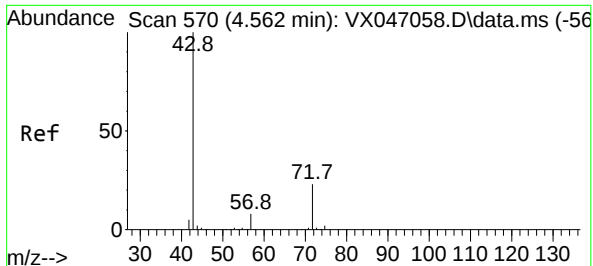
Tgt Ion: 43 Resp: 707437
Ion Ratio Lower Upper
43 100
58 29.4 24.0 36.0



#18
Methyl Acetate
Concen: 13.624 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

Tgt Ion: 43 Resp: 59422
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5





#25

2-Butanone

Concen: 19.037 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX047162.D

Acq: 28 Jul 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

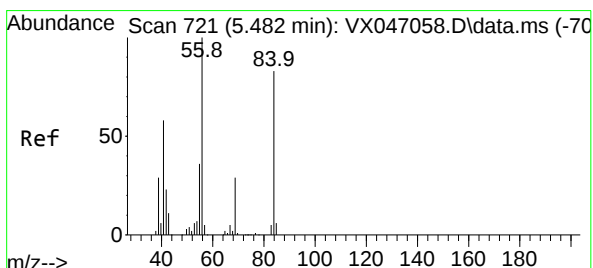
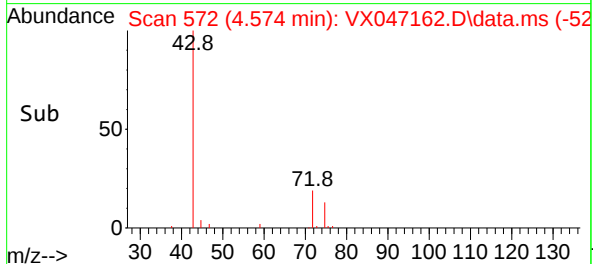
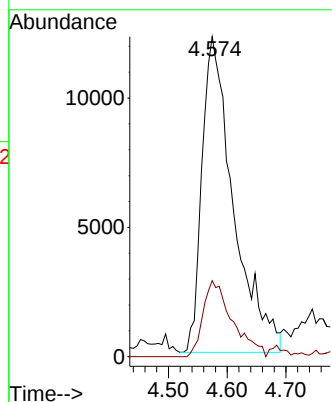
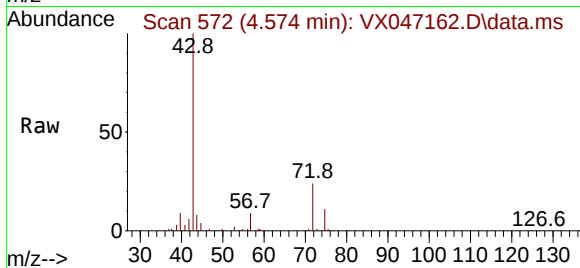
NYPA-POUCH-SPENT-CARBON

Tgt Ion: 43 Resp: 45496

Ion Ratio Lower Upper

43 100

72 23.0 18.8 28.2



#31

Cyclohexane

Concen: 9.354 ug/l m

RT: 5.483 min Scan# 721

Delta R.T. 0.000 min

Lab File: VX047162.D

Acq: 28 Jul 2025 14:03

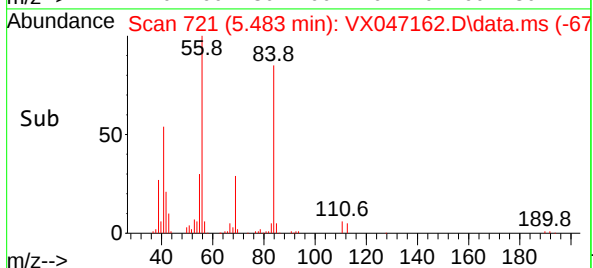
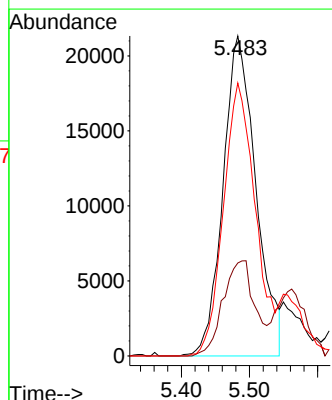
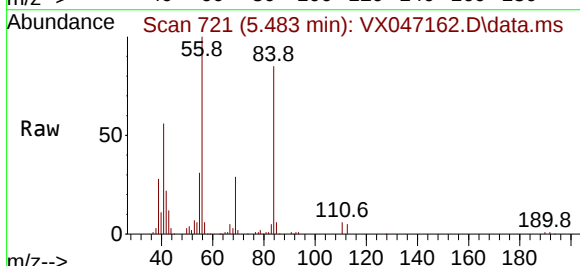
Tgt Ion: 56 Resp: 71640

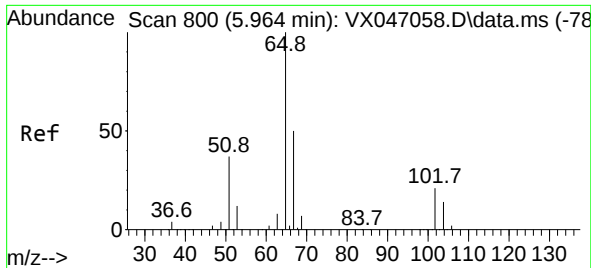
Ion Ratio Lower Upper

56 100

69 29.0 23.3 34.9

84 85.3 66.5 99.7

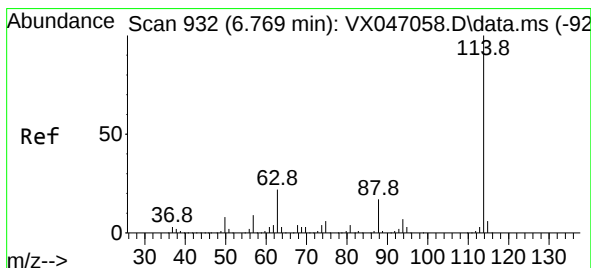
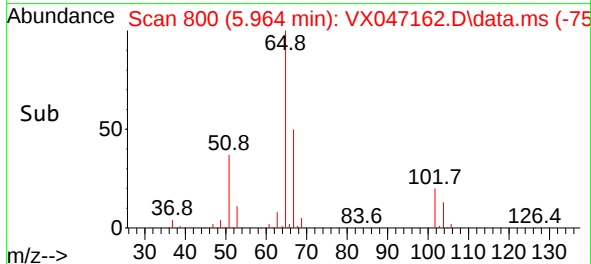
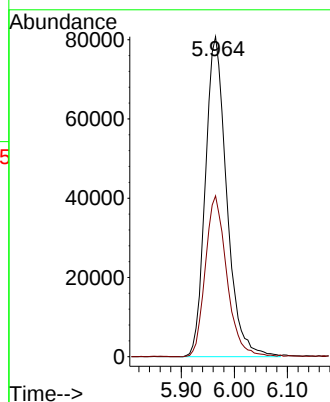
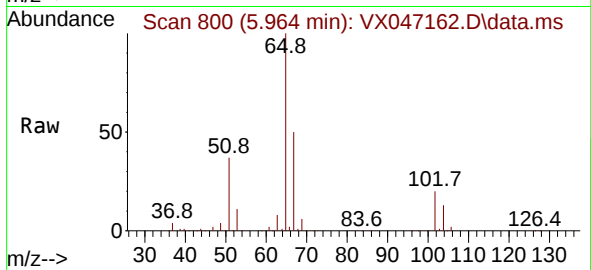




#33
 1,2-Dichloroethane-d4
 Concen: 55.157 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047162.D
 Acq: 28 Jul 2025 14:03

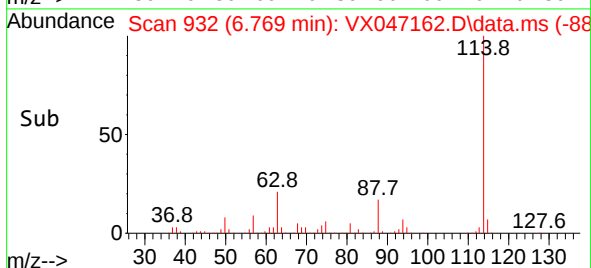
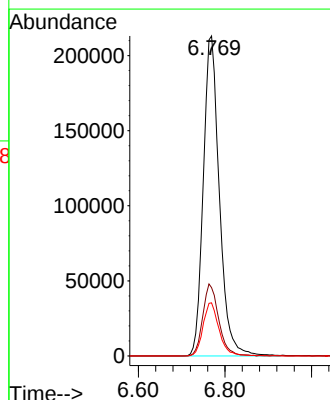
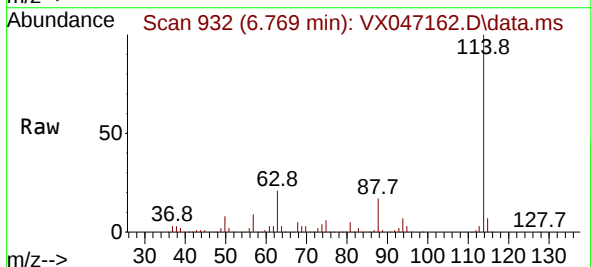
Instrument :
 MSVOA_X
 ClientSampleId :
 NYPA-POUCH-SPENT-CARBON

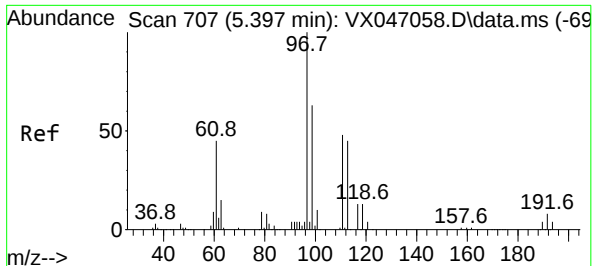
Tgt Ion: 65 Resp: 225979
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047162.D
 Acq: 28 Jul 2025 14:03

Tgt Ion: 114 Resp: 549412
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.476 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047162.D

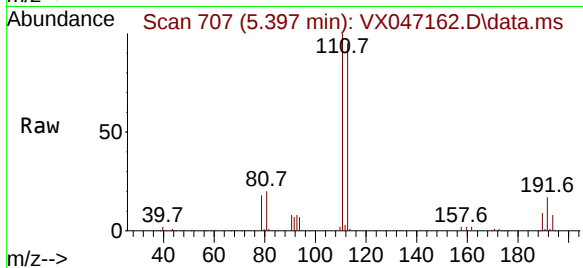
Acq: 28 Jul 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

NYPA-POUCH-SPENT-CARBON



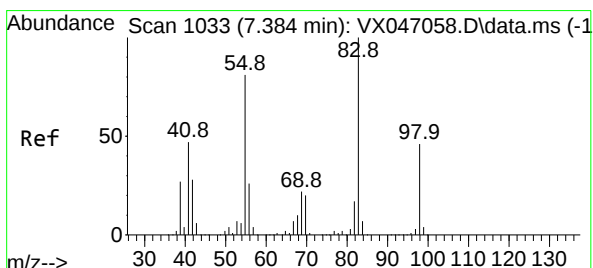
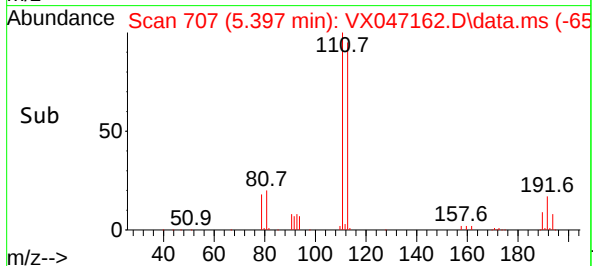
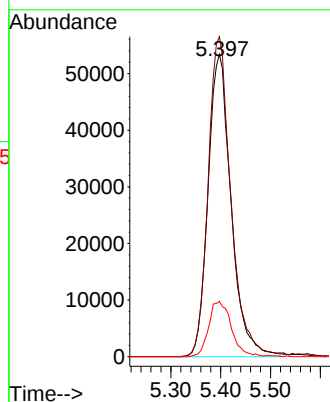
Tgt Ion:113 Resp: 171228

Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 18.0 14.9 22.3



#39

Methylcyclohexane

Concen: 11.795 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047162.D

Acq: 28 Jul 2025 14:03

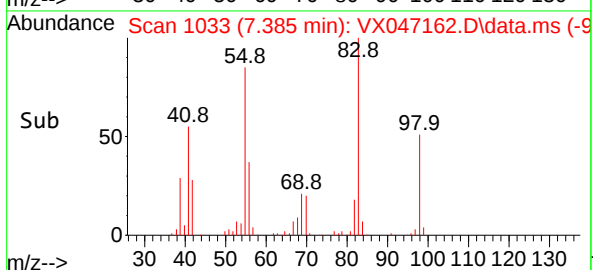
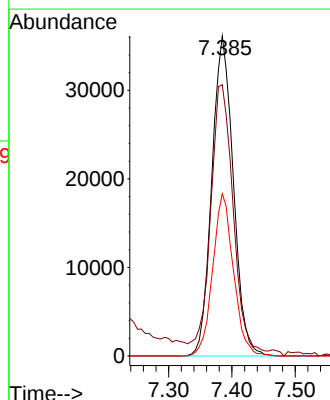
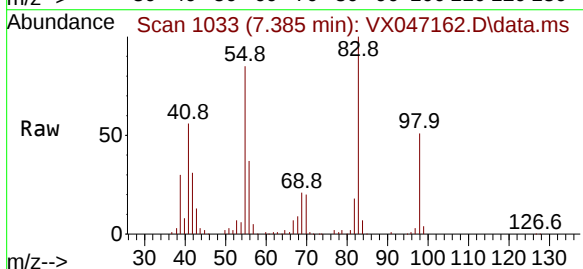
Tgt Ion: 83 Resp: 85157

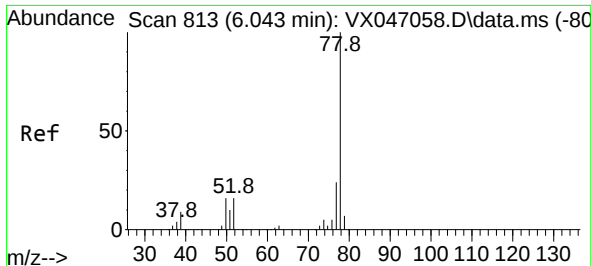
Ion Ratio Lower Upper

83 100

55 83.5 64.5 96.7

98 50.7 36.9 55.3

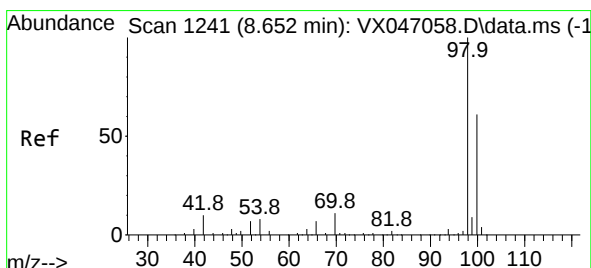
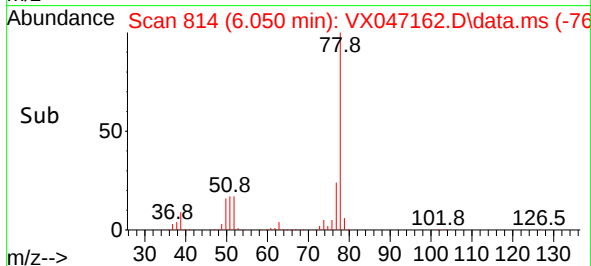
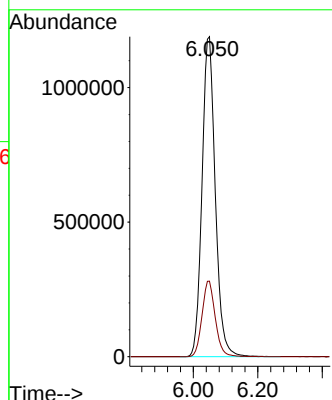
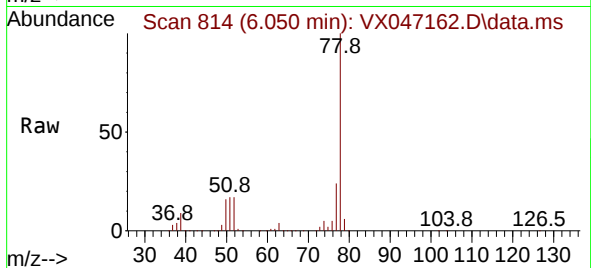




#40
Benzene
Concen: 202.351 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

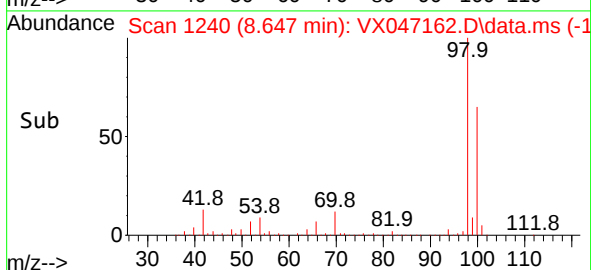
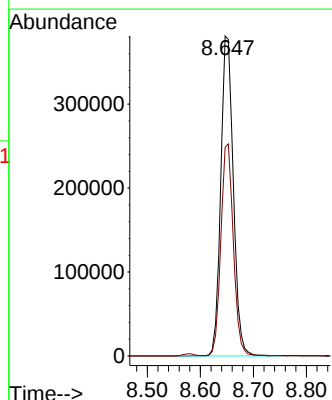
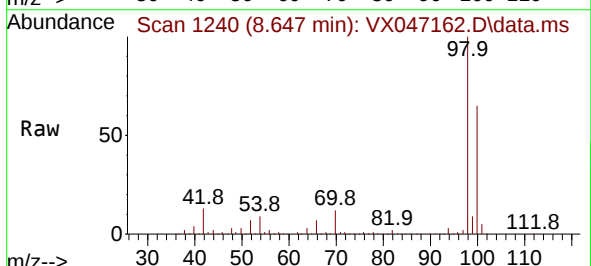
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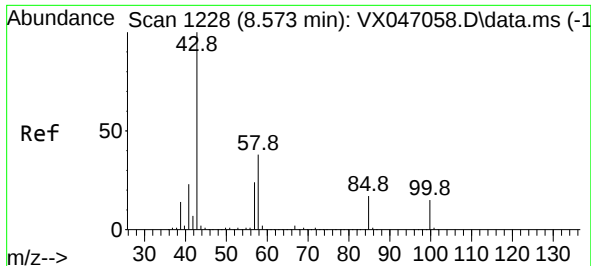
Tgt Ion: 78 Resp: 3386197
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



#50
Toluene-d8
Concen: 57.069 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

Tgt Ion: 98 Resp: 626948
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9

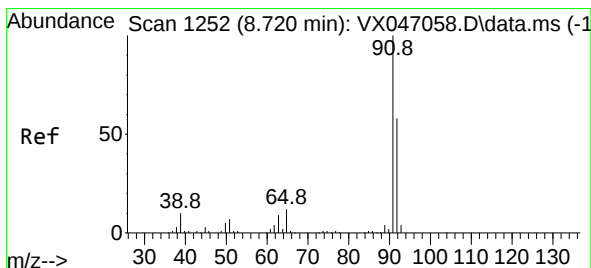
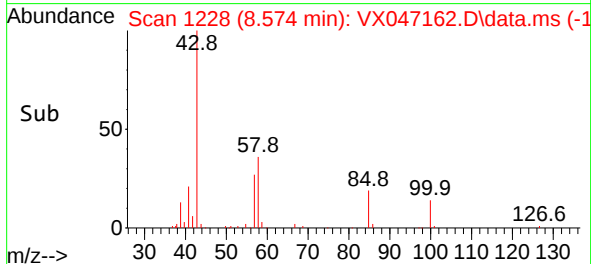
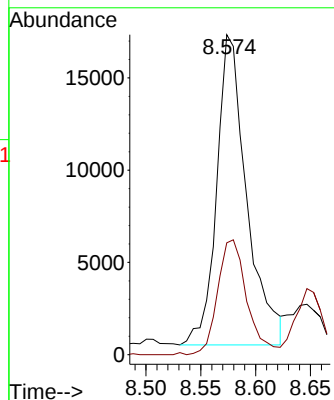
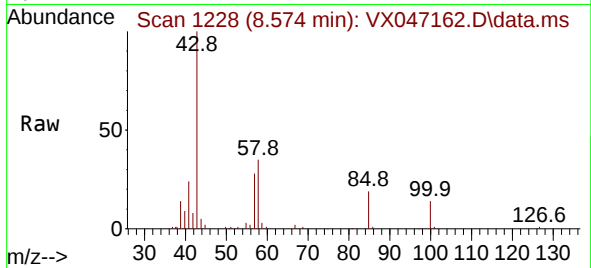




#51
4-Methyl-2-Pentanone
Concen: 6.493 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

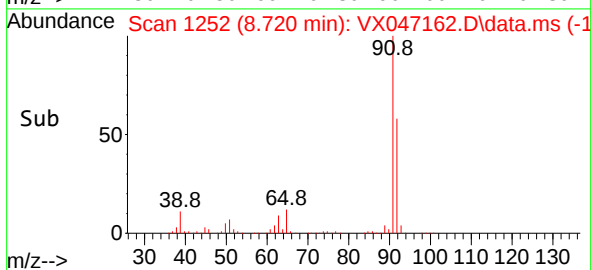
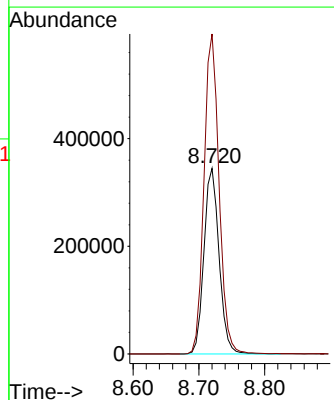
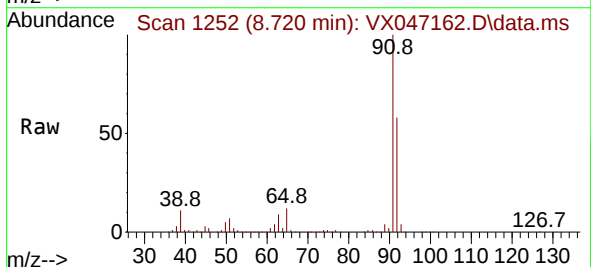
Instrument :
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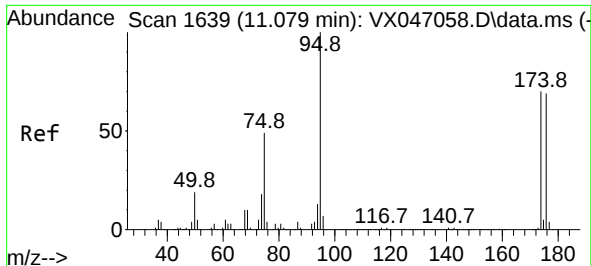
Tgt Ion: 43 Resp: 32060
Ion Ratio Lower Upper
43 100
58 36.3 30.6 45.8



#52
Toluene
Concen: 53.604 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

Tgt Ion: 92 Resp: 551563
Ion Ratio Lower Upper
92 100
91 171.3 137.9 206.9

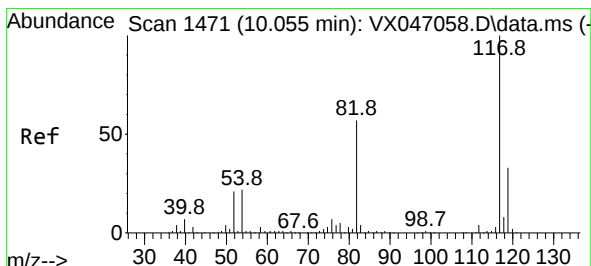
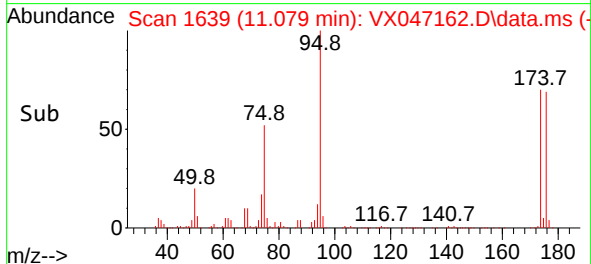
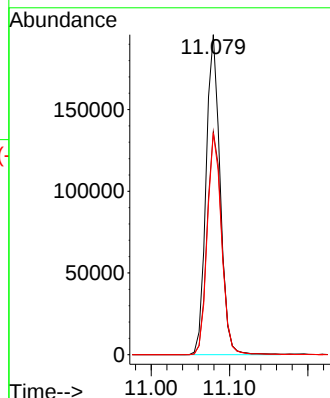
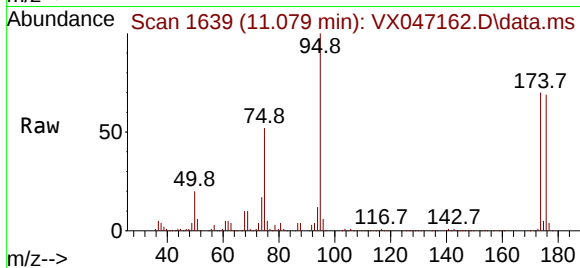




#62
4-Bromofluorobenzene
Concen: 51.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

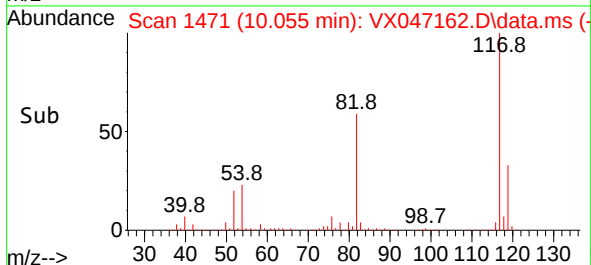
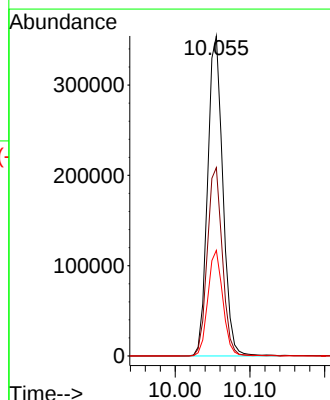
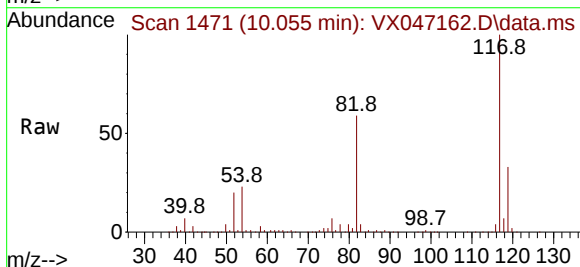
Instrument :
MSVOA_X
ClientSampleId :
NYPA-POUCH-SPENT-CARBON

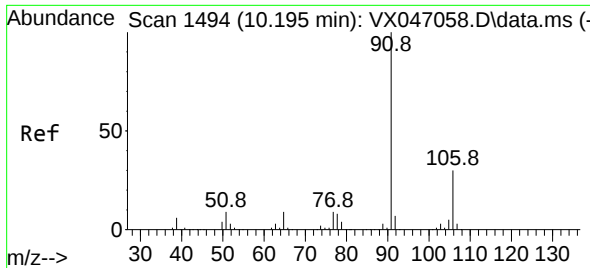
Tgt Ion: 95 Resp: 242667
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 70.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

Tgt Ion: 117 Resp: 500328
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.2
119 33.0 26.1 39.1

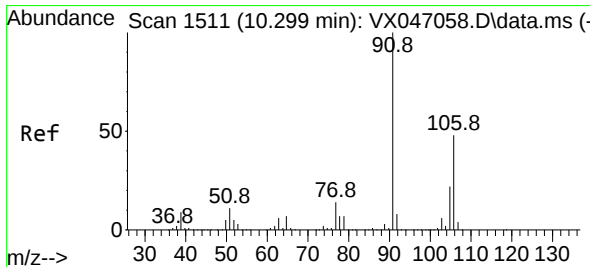
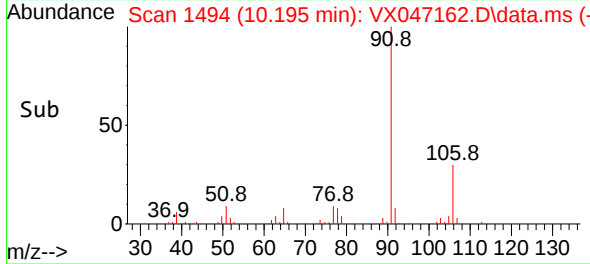
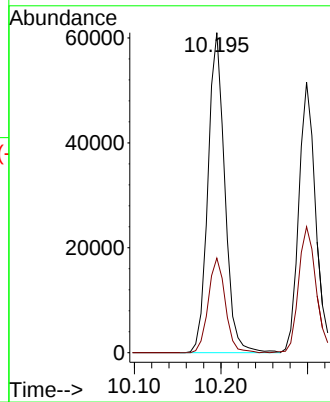
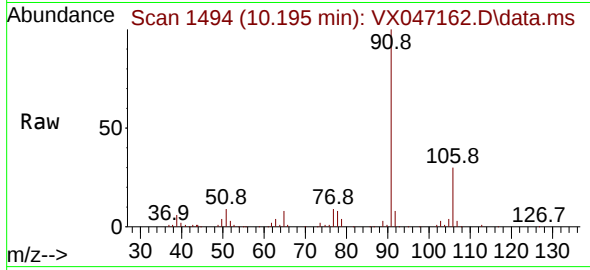




#67
Ethyl Benzene
Concen: 4.011 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

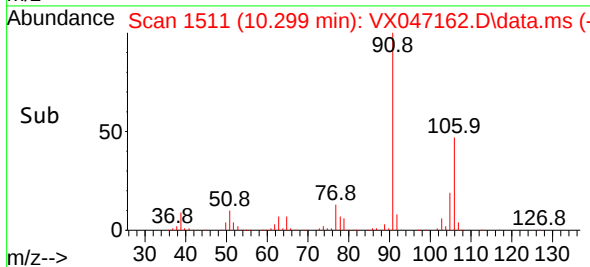
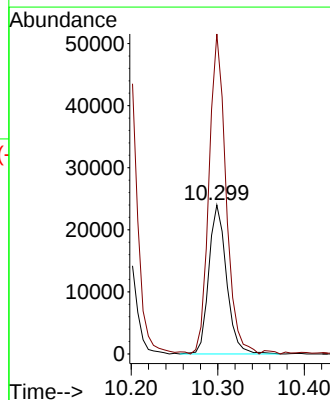
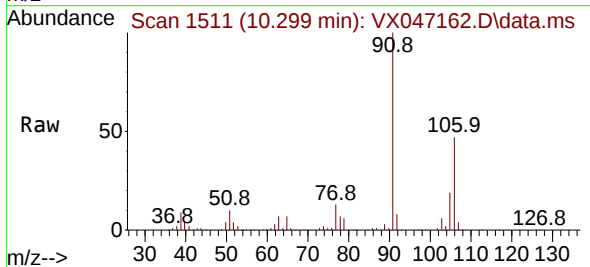
Instrument :
MSVOA_X
ClientSampleId :
NYPA-POUCH-SPENT-CARBON

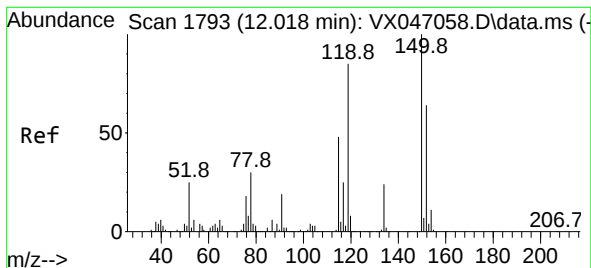
Tgt Ion: 91 Resp: 82208
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4



#68
m/p-Xylenes
Concen: 4.451 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047162.D
Acq: 28 Jul 2025 14:03

Tgt Ion: 106 Resp: 34134
Ion Ratio Lower Upper
106 100
91 205.5 167.4 251.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047162.D

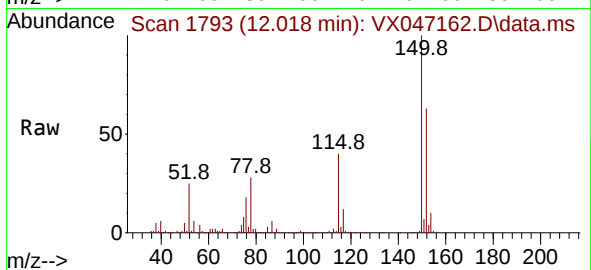
Acq: 28 Jul 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

NYPA-POUCH-SPENT-CARBON



Tgt Ion:152 Resp: 258193

Ion Ratio Lower Upper

152 100

115 61.7 45.6 136.7

150 156.9 0.0 354.6

