

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048481.D
 Acq On : 04 Nov 2025 14:05
 Operator : JC/MD
 Sample : Q3502-04 100X
 Misc : 1.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PARTS-CLEANER

Quant Time: Nov 04 16:07:33 2025
 Quant Title :
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

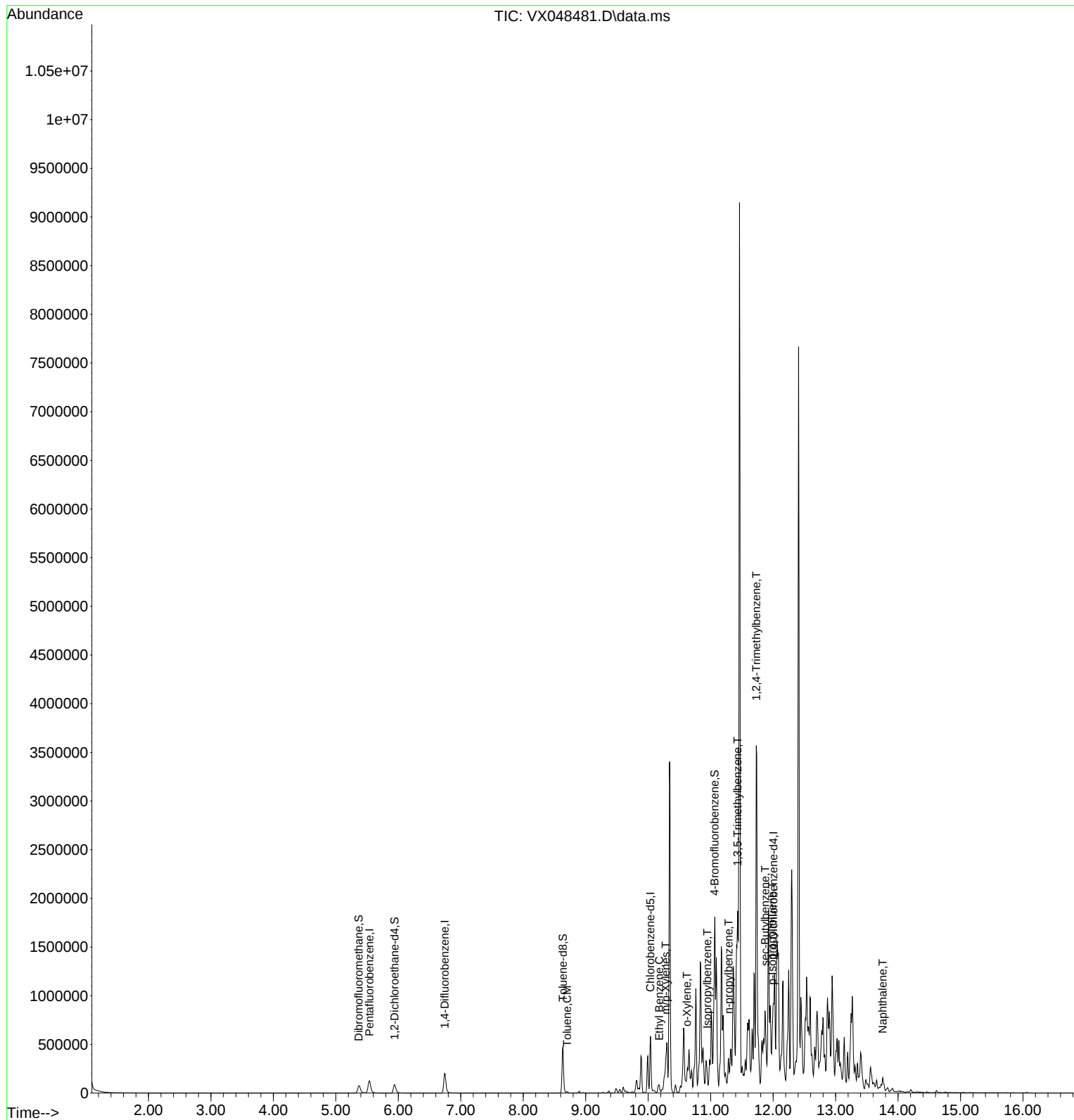
Internal Standards						
1) Pentafluorobenzene	5.538	168	137952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	240396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94092	47.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.367	113	74700	54.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.000%
50) Toluene-d8	8.635	98	314943	52.056	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.120%
62) 4-Bromofluorobenzene	11.061	95	132303	58.458	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.920%
Target Compounds						
					Qvalue	
52) Toluene	8.702	92	5296	1.205	ug/l	92
67) Ethyl Benzene	10.177	91	18650	1.858	ug/l	98
68) m/p-Xylenes	10.281	106	58205	15.318	ug/l	95
69) o-Xylene	10.622	106	29826	8.214	ug/l	98
73) Isopropylbenzene	10.945	105	27153	3.201	ug/l	99
78) n-propylbenzene	11.287	91	136611	13.625	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	618266	88.905	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	1400497	203.393	ug/l	97
85) sec-Butylbenzene	11.872	105	97438	11.045	ug/l	96
86) p-Isopropyltoluene	11.988	119	89275	11.971	ug/l	98
95) Naphthalene	13.756	128	76865	11.892	ug/l #	95

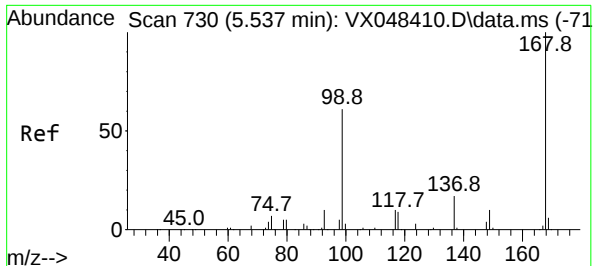
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
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PARTS-CLEANER

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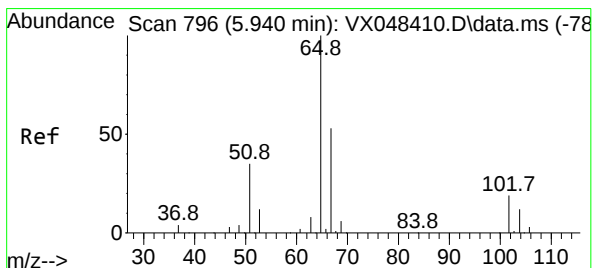
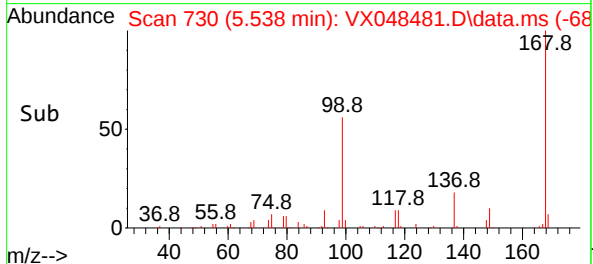
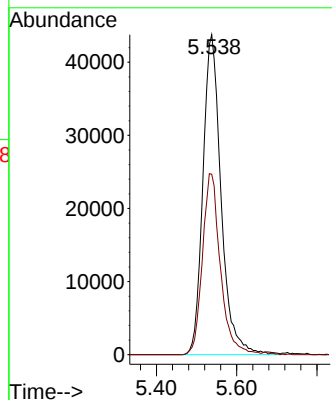
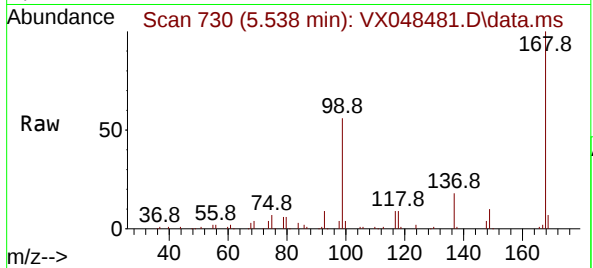




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

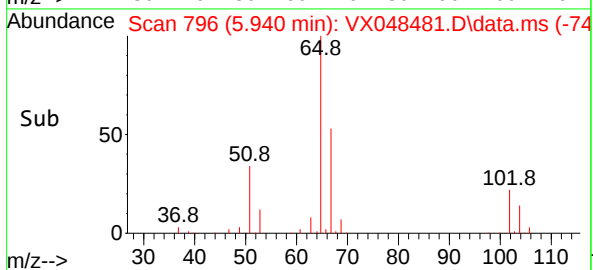
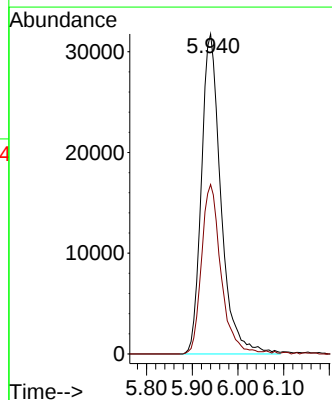
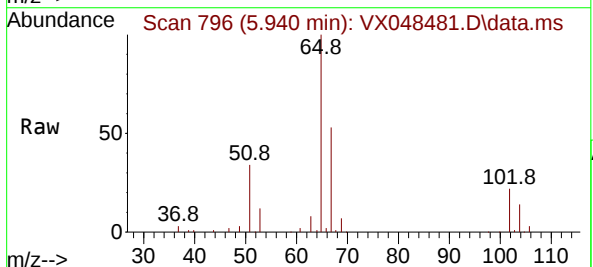
Instrument :
MSVOA_X
ClientSampleId :
PARTS-CLEANER

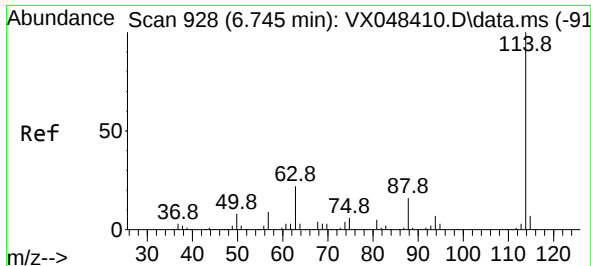
Tgt Ion:168 Resp: 137952
Ion Ratio Lower Upper
168 100
99 56.4 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 47.426 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

Tgt Ion: 65 Resp: 94092
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

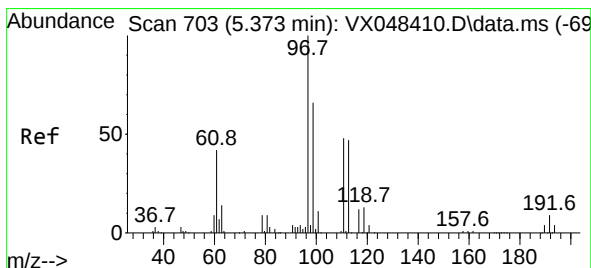
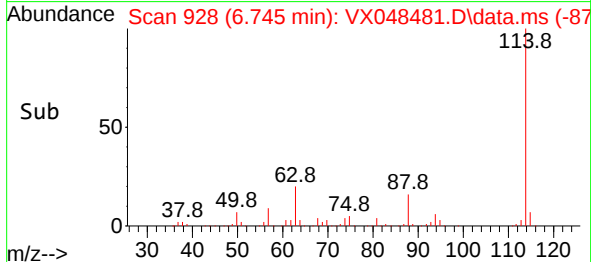
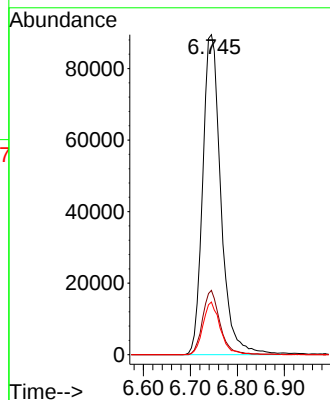
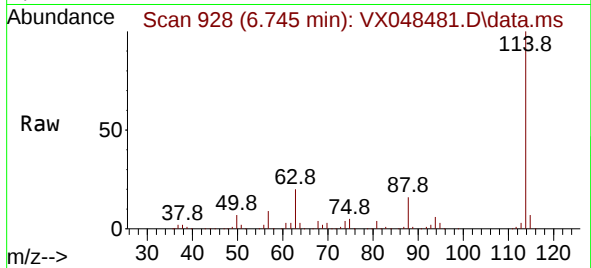




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

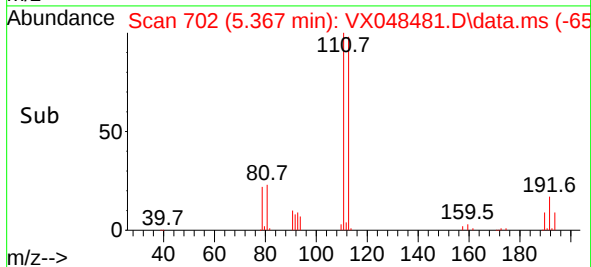
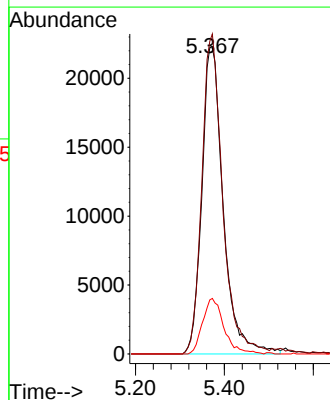
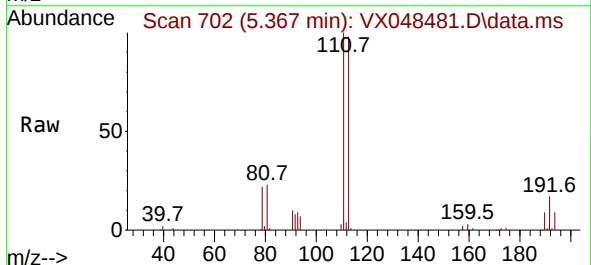
Instrument :
MSVOA_X
ClientSampleId :
PARTS-CLEANER

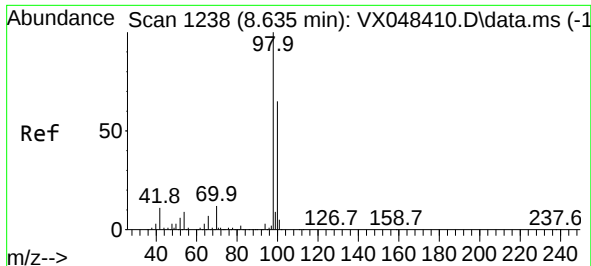
Tgt Ion:114 Resp: 240396
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 54.502 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

Tgt Ion:113 Resp: 74700
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 18.0 15.1 22.7

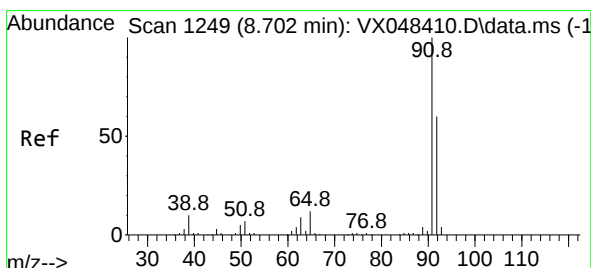
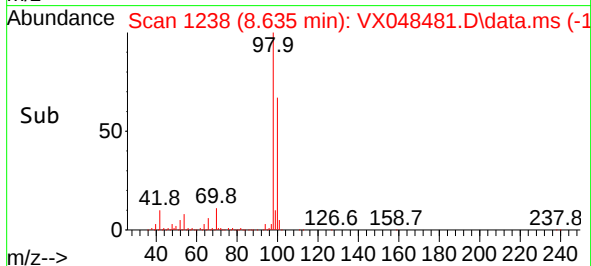
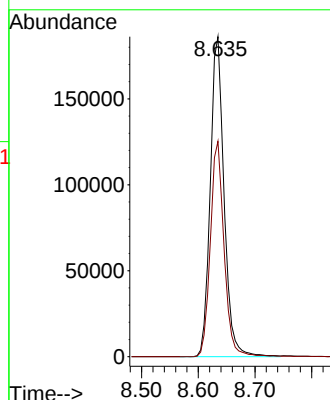
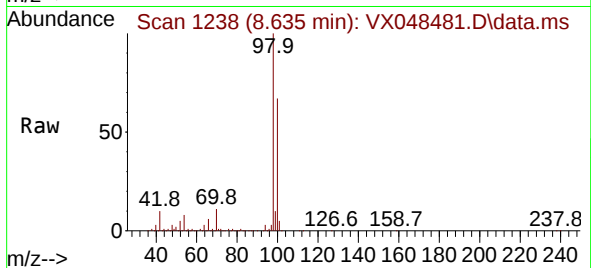




#50
Toluene-d8
Concen: 52.056 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

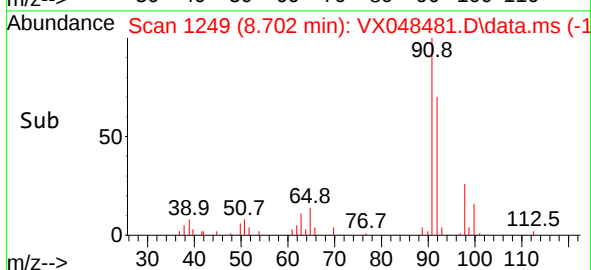
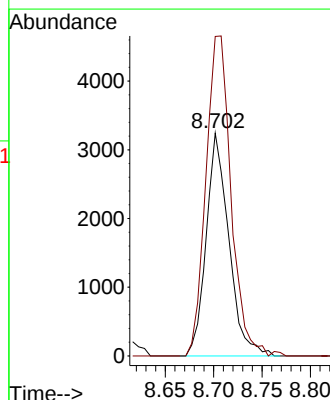
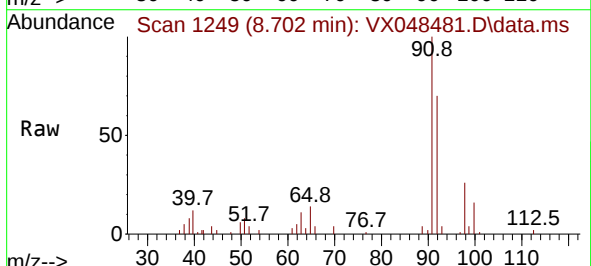
Instrument :
MSVOA_X
ClientSampleId :
PARTS-CLEANER

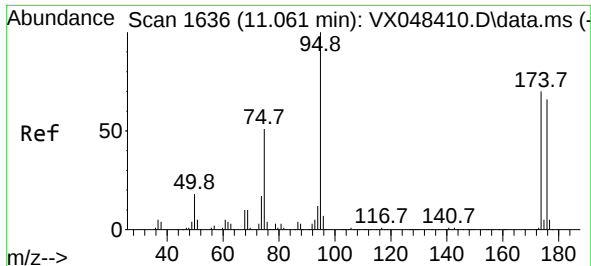
Tgt Ion: 98 Resp: 314943
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#52
Toluene
Concen: 1.205 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

Tgt Ion: 92 Resp: 5296
Ion Ratio Lower Upper
92 100
91 159.8 136.1 204.1

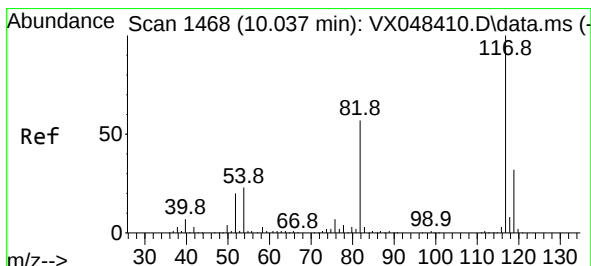
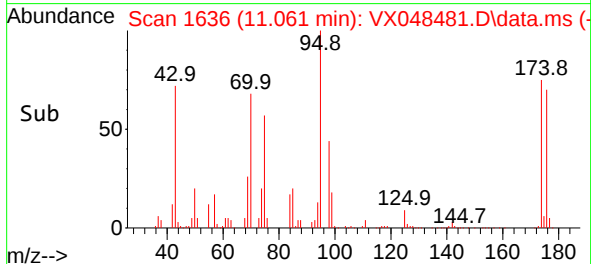
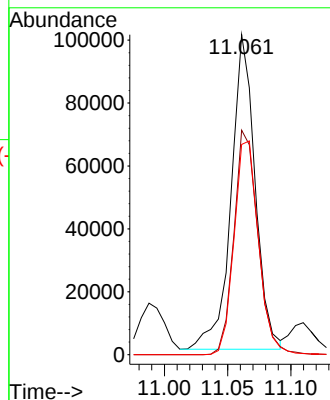
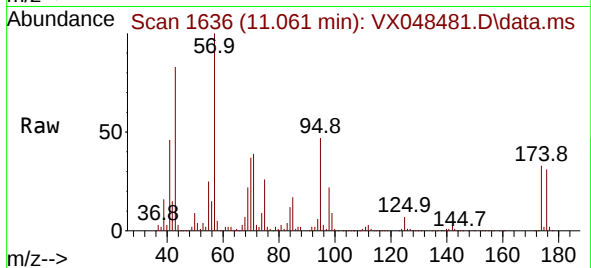




#62
4-Bromofluorobenzene
Concen: 58.458 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

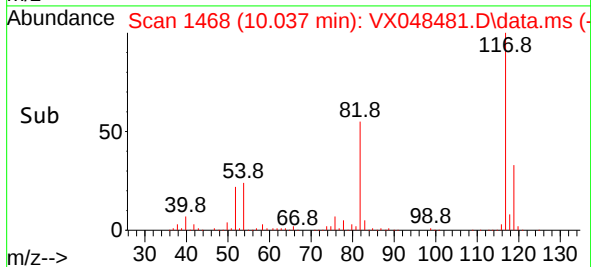
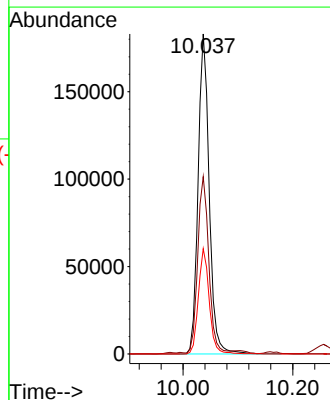
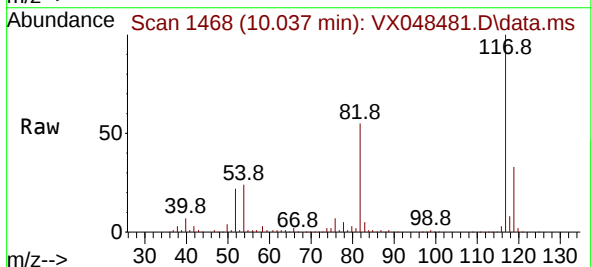
Instrument :
MSVOA_X
ClientSampleId :
PARTS-CLEANER

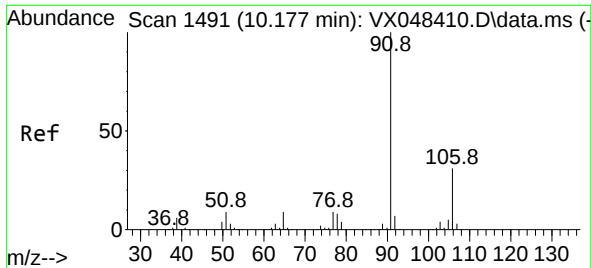
Tgt Ion: 95 Resp: 132303
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.8
176 69.6 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

Tgt Ion: 117 Resp: 258714
Ion Ratio Lower Upper
117 100
82 55.1 46.5 69.7
119 32.9 25.9 38.9

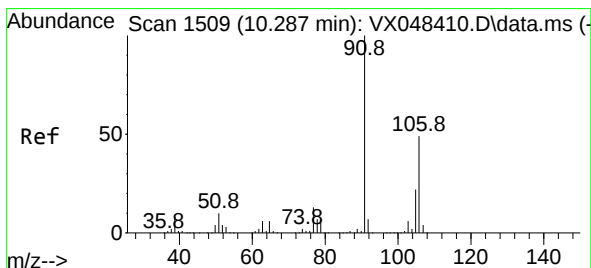
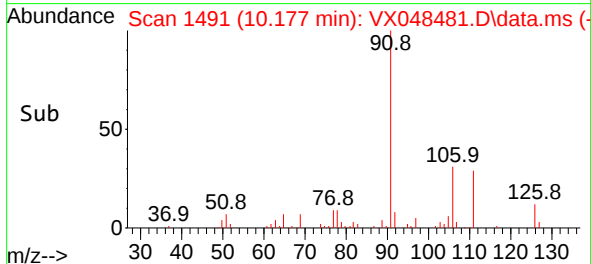
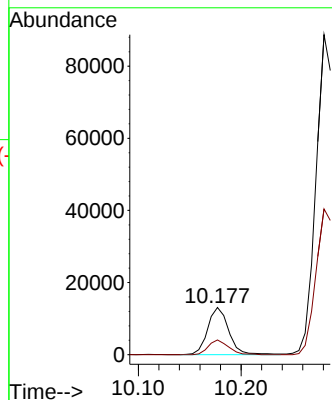
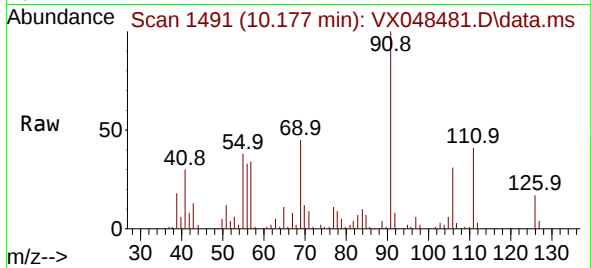




#67
Ethyl Benzene
Concen: 1.858 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

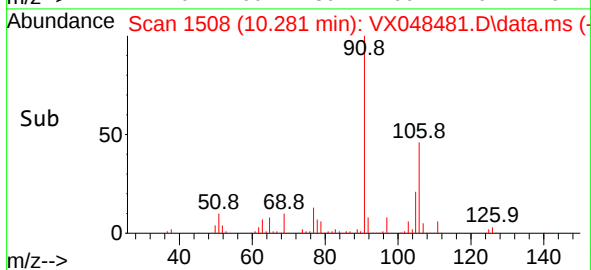
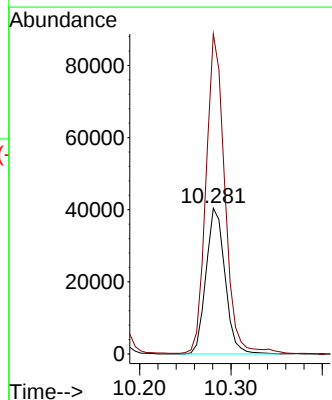
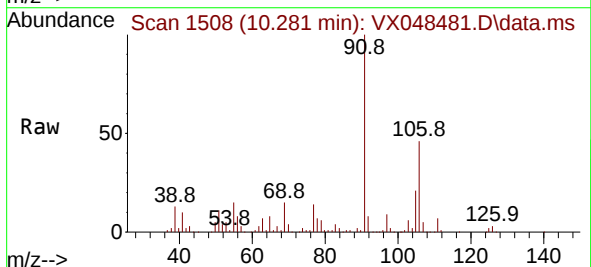
Instrument :
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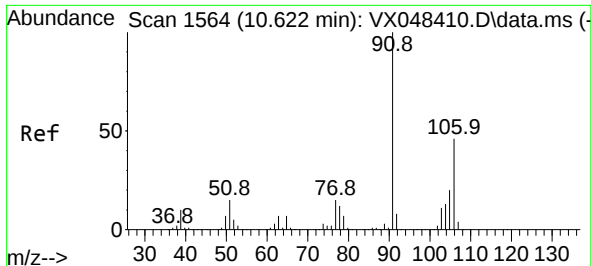
Tgt Ion: 91 Resp: 18650
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6



#68
m/p-Xylenes
Concen: 15.318 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

Tgt Ion: 106 Resp: 58205
Ion Ratio Lower Upper
106 100
91 218.1 167.9 251.9

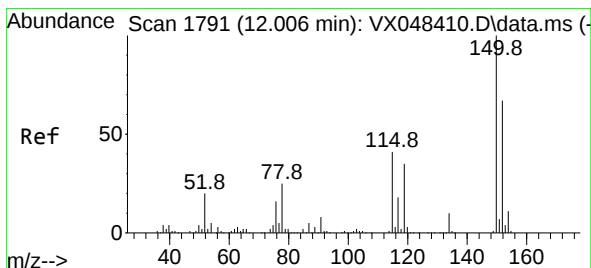
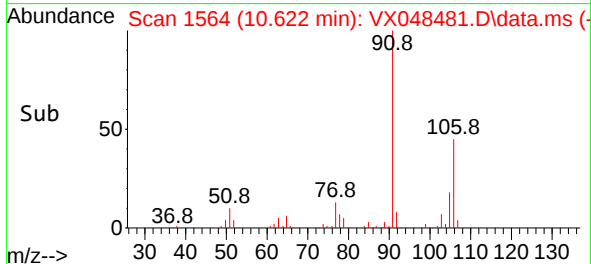
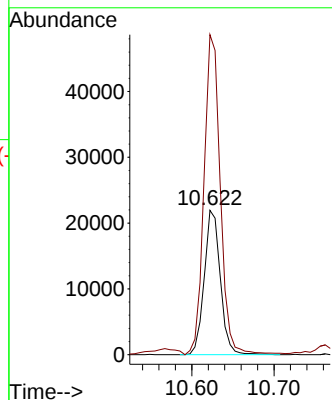
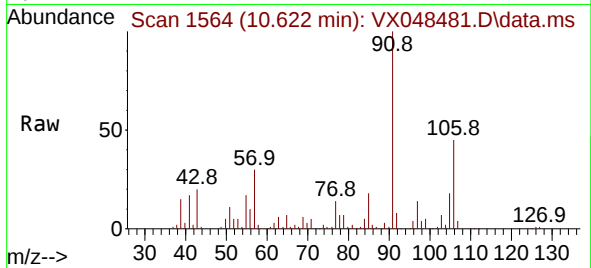




#69
o-Xylene
Concen: 8.214 ug/l
RT: 10.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

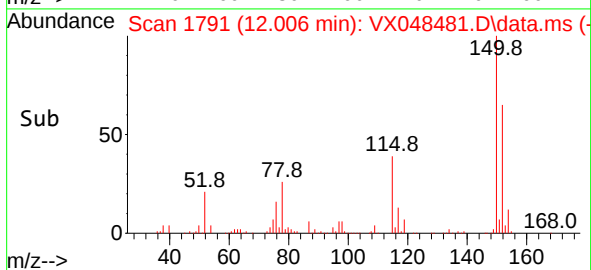
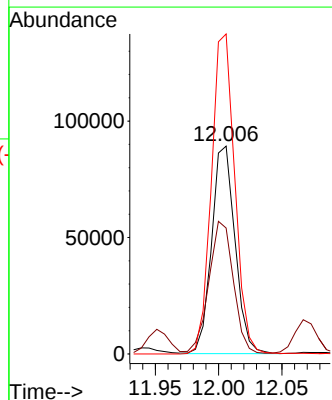
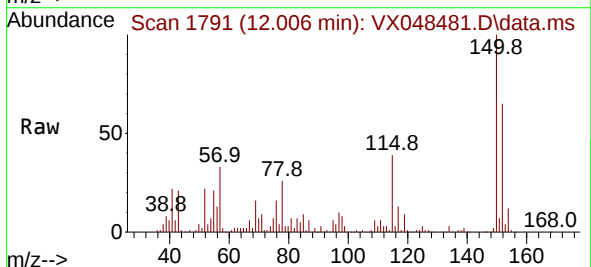
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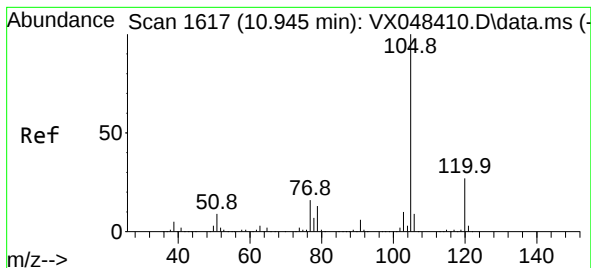
Tgt Ion:106 Resp: 29826
Ion Ratio Lower Upper
106 100
91 225.1 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

Tgt Ion:152 Resp: 114698
Ion Ratio Lower Upper
152 100
115 66.2 43.1 129.4
150 153.8 0.0 353.0





#73

Isopropylbenzene

Concen: 3.201 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048481.D

Acq: 04 Nov 2025 14:05

Instrument :

MSVOA_X

ClientSampleId :

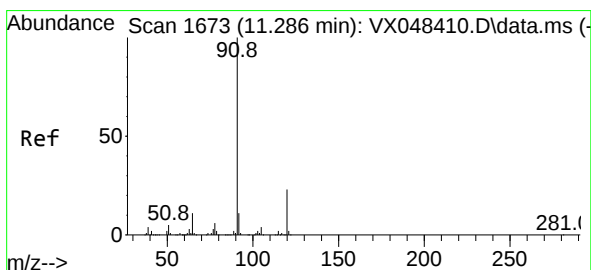
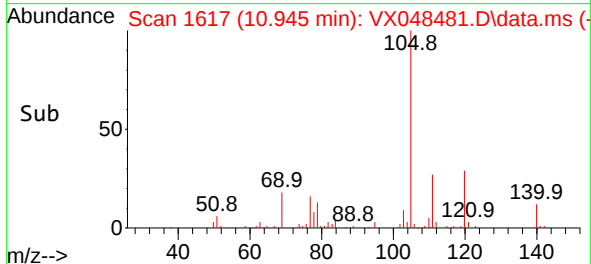
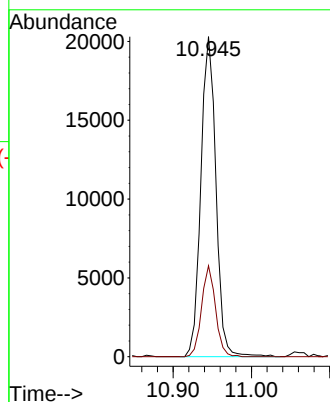
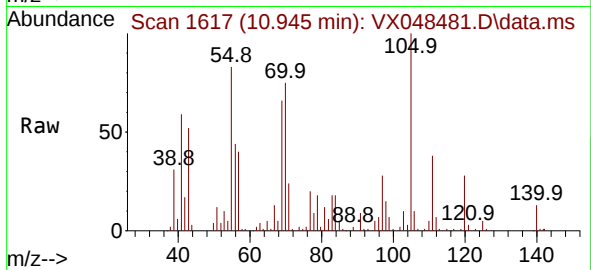
PARTS-CLEANER

Tgt Ion:105 Resp: 27153

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#78

n-propylbenzene

Concen: 13.625 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048481.D

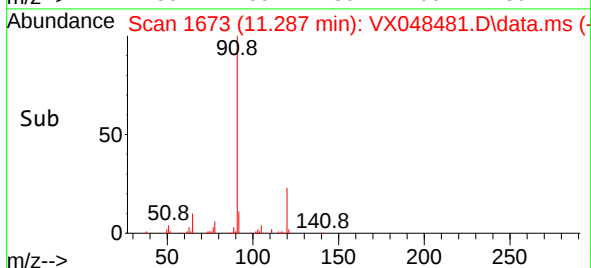
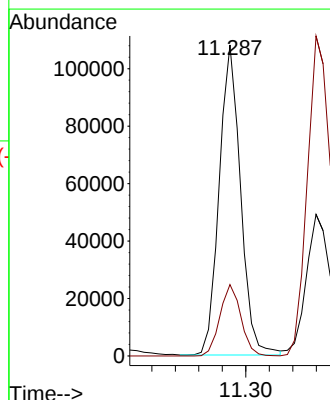
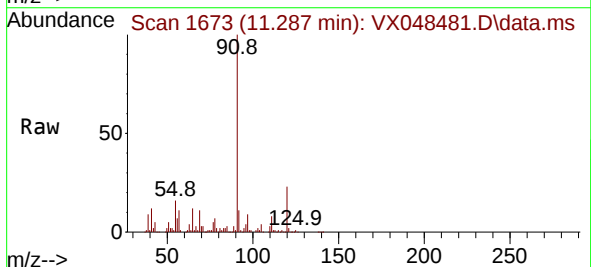
Acq: 04 Nov 2025 14:05

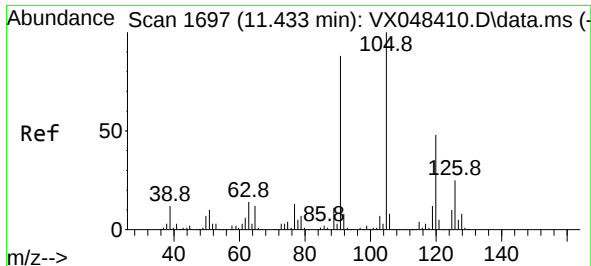
Tgt Ion: 91 Resp: 136611

Ion Ratio Lower Upper

91 100

120 22.6 11.1 33.1

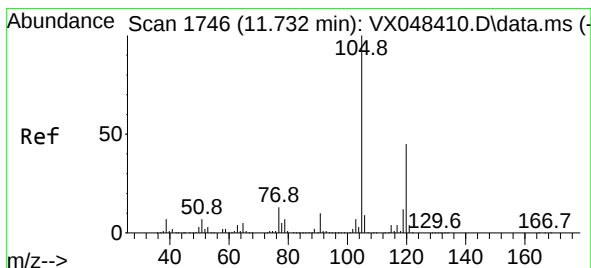
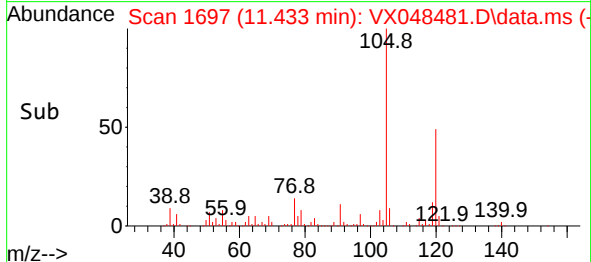
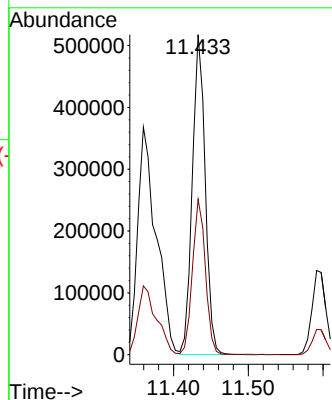
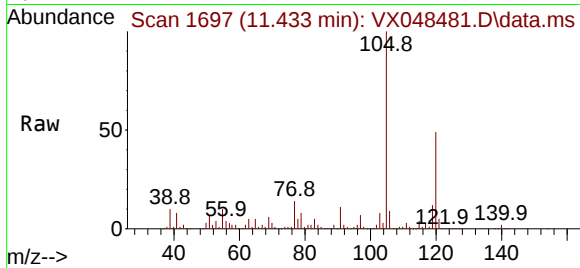




#80
 1,3,5-Trimethylbenzene
 Concen: 88.905 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: VX048481.D
 Acq: 04 Nov 2025 14:05

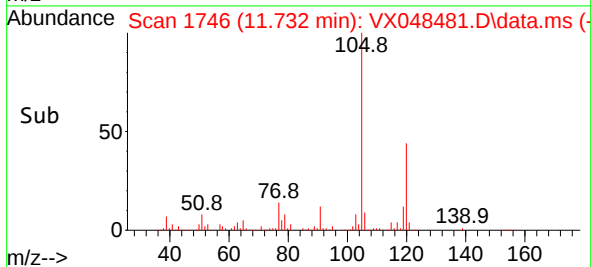
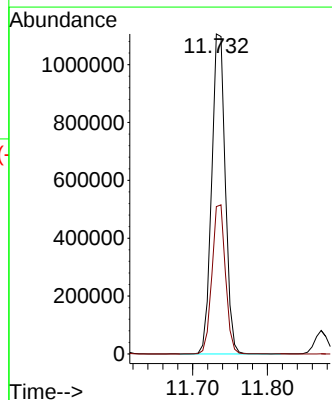
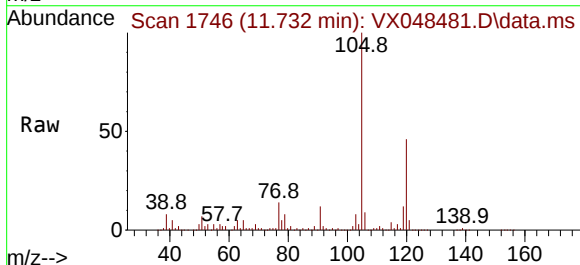
Instrument :
 MSVOA_X
 ClientSampleId :
 PARTS-CLEANER

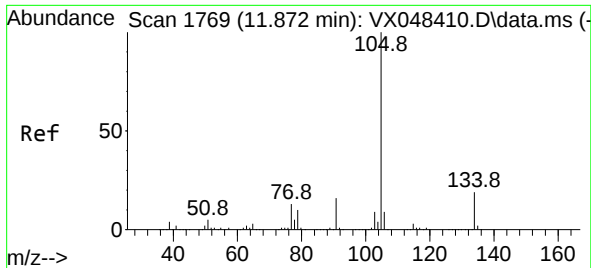
Tgt Ion:105 Resp: 618266
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.0 72.0



#84
 1,2,4-Trimethylbenzene
 Concen: 203.393 ug/l
 RT: 11.732 min Scan# 1746
 Delta R.T. 0.000 min
 Lab File: VX048481.D
 Acq: 04 Nov 2025 14:05

Tgt Ion:105 Resp: 1400497
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.1 66.5

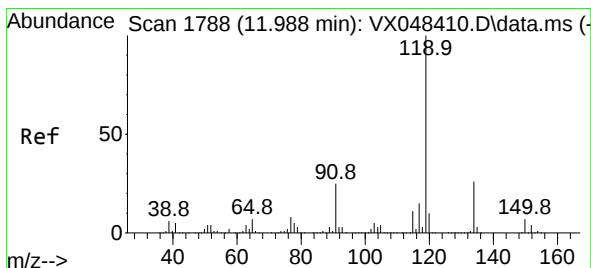
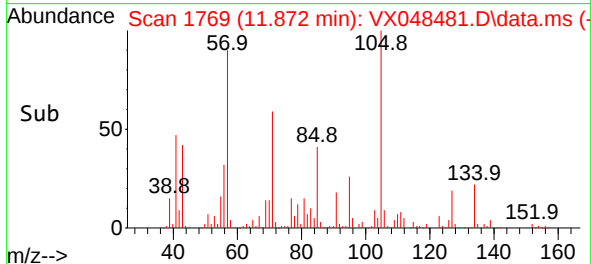
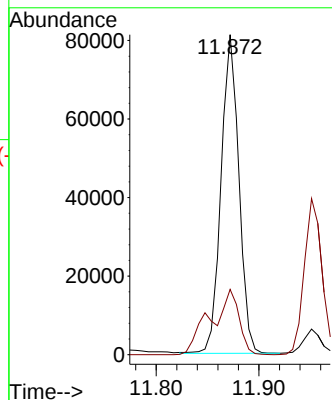
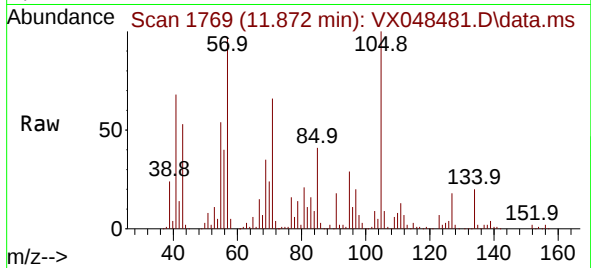




#85
 sec-Butylbenzene
 Concen: 11.045 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048481.D
 Acq: 04 Nov 2025 14:05

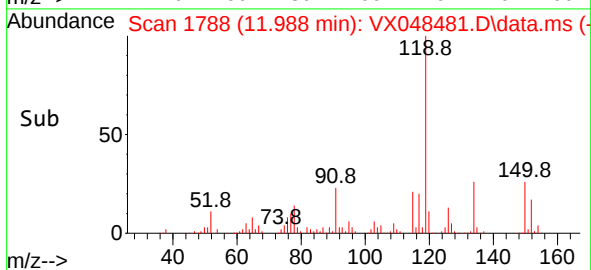
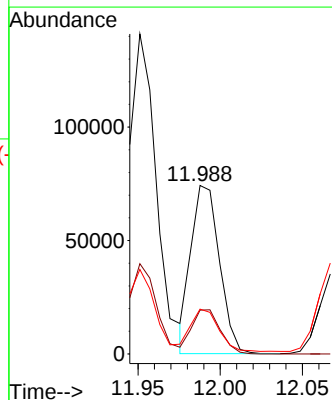
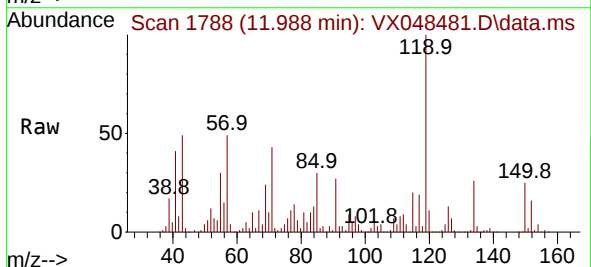
Instrument :
 MSVOA_X
 ClientSampleId :
 PARTS-CLEANER

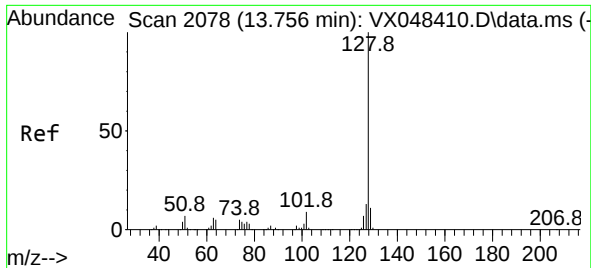
Tgt Ion:105 Resp: 97438
 Ion Ratio Lower Upper
 105 100
 134 18.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 11.971 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048481.D
 Acq: 04 Nov 2025 14:05

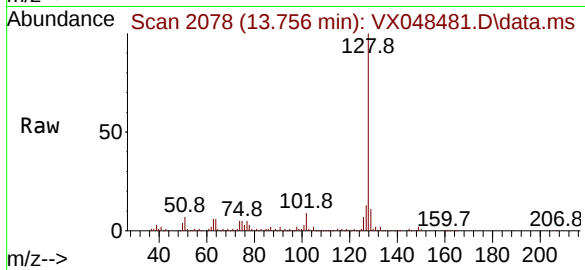
Tgt Ion:119 Resp: 89275
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 25.6 12.1 36.3





#95
Naphthalene
Concen: 11.892 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048481.D
Acq: 04 Nov 2025 14:05

Instrument :
MSVOA_X
ClientSampleId :
PARTS-CLEANER



Tgt Ion:128 Resp: 76865
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 13.5 8.6 12.8#

