

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046530.D
 Acq On : 06 Jun 2025 16:13
 Operator : JC/MD
 Sample : Q2168-11MEDL 5X
 Misc : 4.41g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C2MEDL

Quant Time: Jun 06 16:58:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

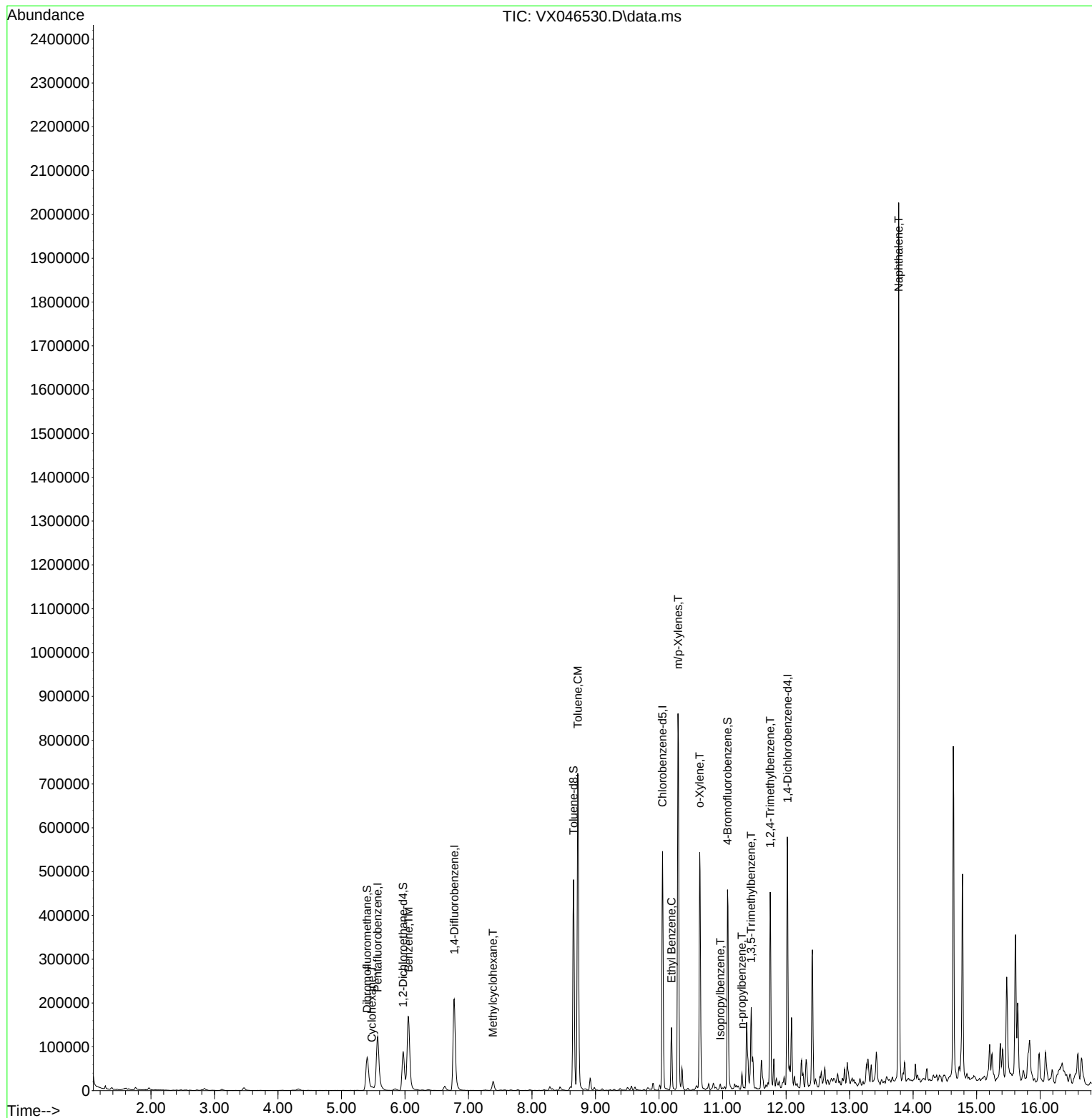
Internal Standards						
1) Pentafluorobenzene	5.568	168	115101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	218958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	98038	47.876	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.760%		
35) Dibromofluoromethane	5.403	113	71968	44.695	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.380%		
50) Toluene-d8	8.653	98	277814	52.332	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.660%		
62) 4-Bromofluorobenzene	11.079	95	123869	56.396	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.800%		
Target Compounds						Qvalue
31) Cyclohexane	5.476	56	3617	1.519	ug/l #	78
39) Methylcyclohexane	7.385	83	8699	3.204	ug/l	94
40) Benzene	6.055	78	213975	33.046	ug/l	99
52) Toluene	8.720	92	273294	68.701	ug/l	100
67) Ethyl Benzene	10.195	91	79143	8.591	ug/l	98
68) m/p-Xylenes	10.299	106	189575	56.726	ug/l	99
69) o-Xylene	10.640	106	107894	33.378	ug/l	98
73) Isopropylbenzene	10.963	105	6750	0.784	ug/l	97
78) n-propylbenzene	11.305	91	23059	2.212	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	76303	10.632	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	188065	25.905	ug/l	100
95) Naphthalene	13.774	128	1111095	137.080	ug/l	100

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

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MSVOA_X
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Quant Title : SW846 8260
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Response via : Initial Calibration

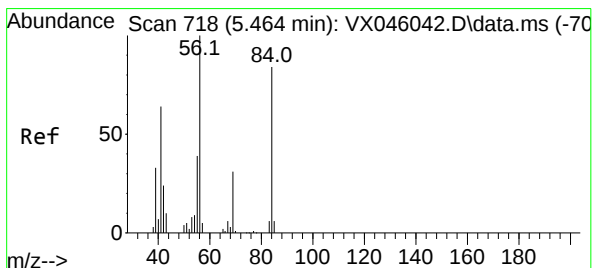
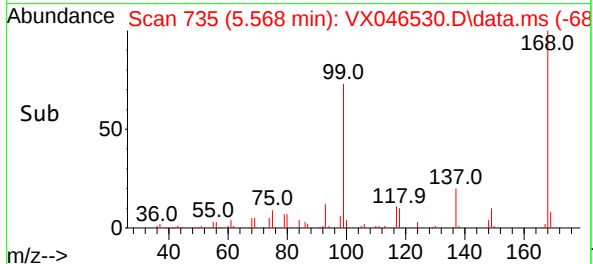
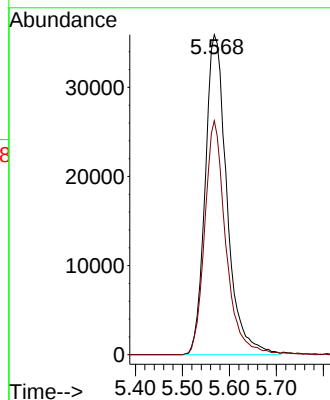
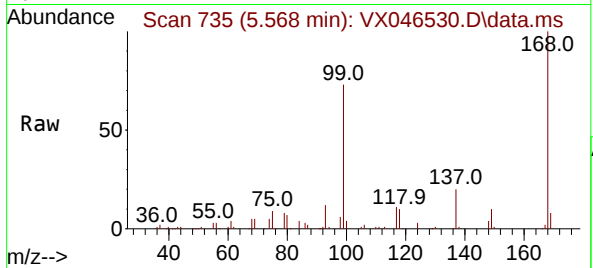




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

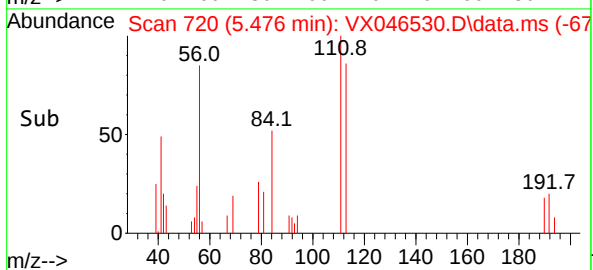
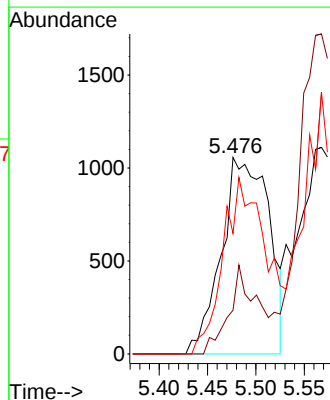
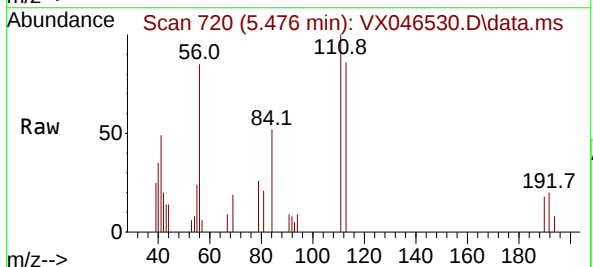
Instrument :
MSVOA_X
ClientSampleId :
C2MEDL

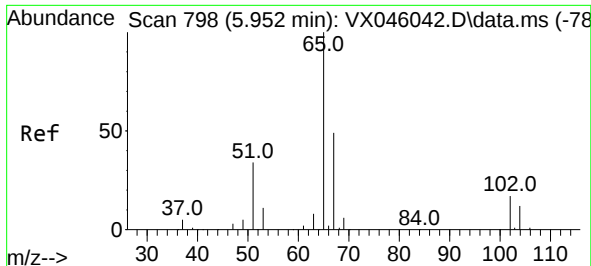
Tgt Ion:168 Resp: 115101
Ion Ratio Lower Upper
168 100
99 73.1 54.9 82.3



#31
Cyclohexane
Concen: 1.519 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.013 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Tgt Ion: 56 Resp: 3617
Ion Ratio Lower Upper
56 100
69 22.2 24.4 36.6#
84 61.3 66.9 100.3#

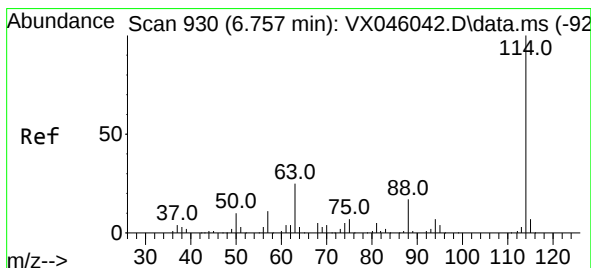
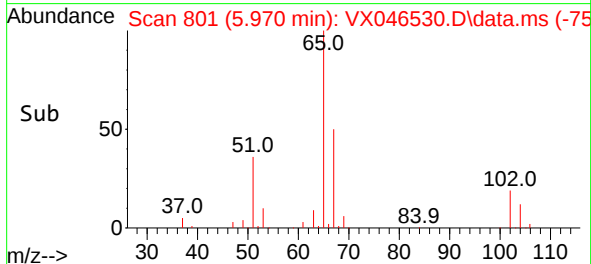
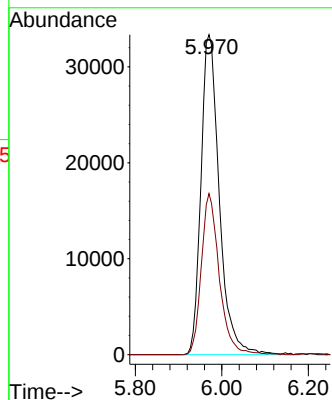
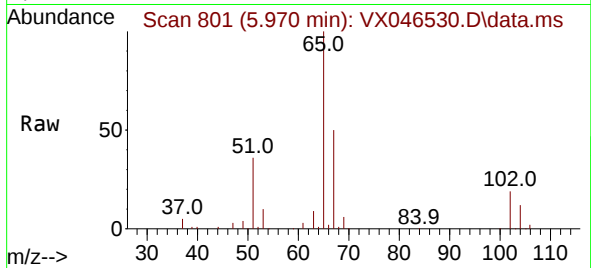




#33
 1,2-Dichloroethane-d4
 Concen: 47.876 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: VX046530.D
 Acq: 06 Jun 2025 16:13

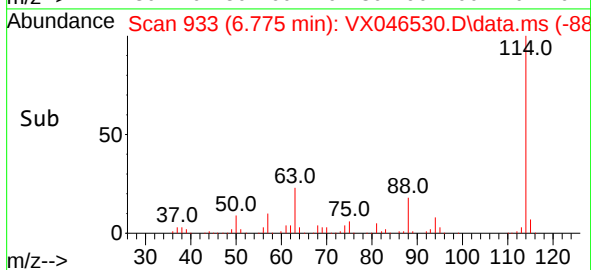
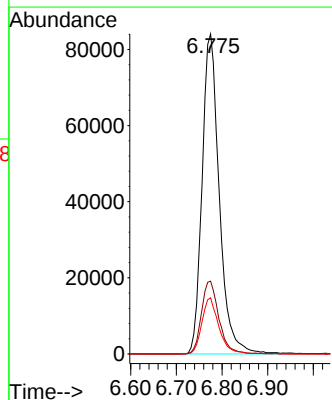
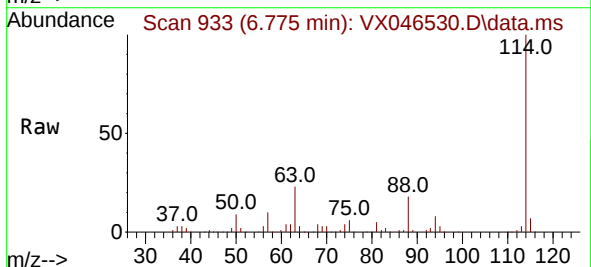
Instrument :
 MSVOA_X
 ClientSampleId :
 C2MEDL

Tgt Ion: 65 Resp: 98038
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. -0.000 min
 Lab File: VX046530.D
 Acq: 06 Jun 2025 16:13

Tgt Ion: 114 Resp: 218958
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 49.2
 88 17.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 44.695 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046530.D

Acq: 06 Jun 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

C2MEDL

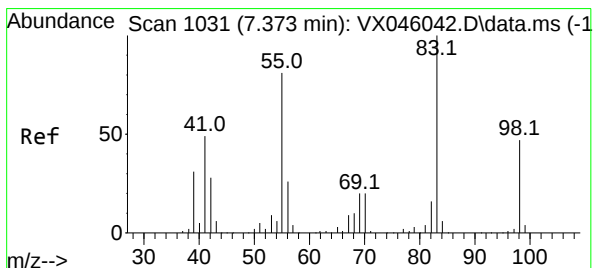
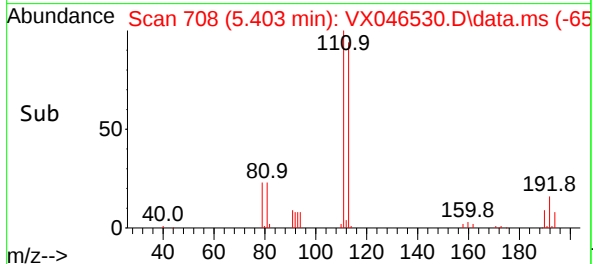
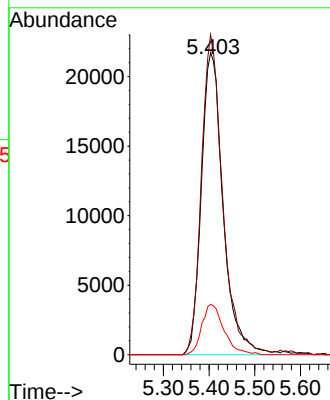
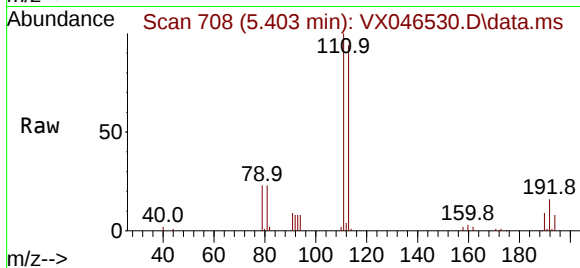
Tgt Ion:113 Resp: 71968

Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

192 16.9 13.3 19.9



#39

Methylcyclohexane

Concen: 3.204 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX046530.D

Acq: 06 Jun 2025 16:13

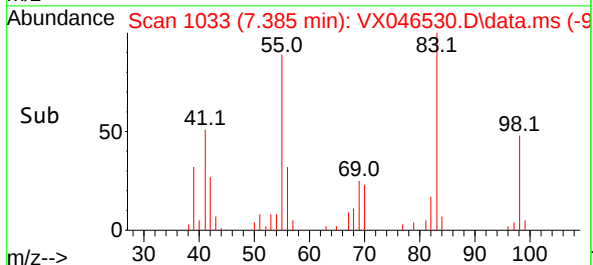
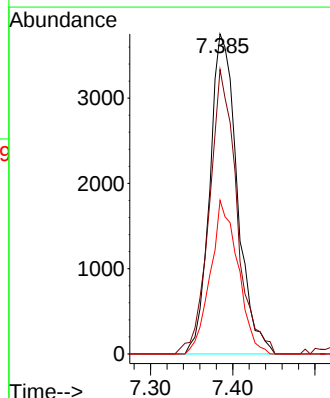
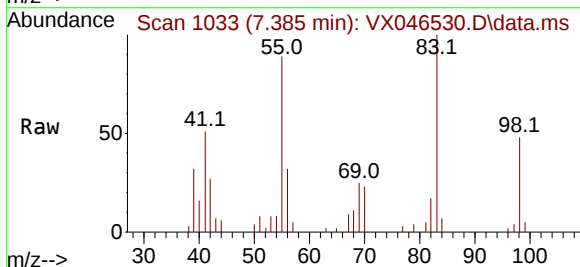
Tgt Ion: 83 Resp: 8699

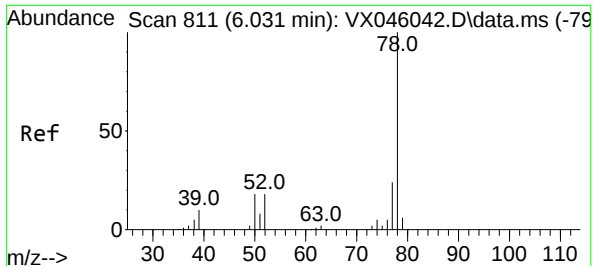
Ion Ratio Lower Upper

83 100

55 88.9 64.7 97.1

98 48.0 37.4 56.2

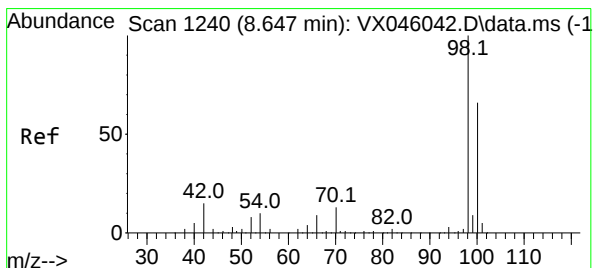
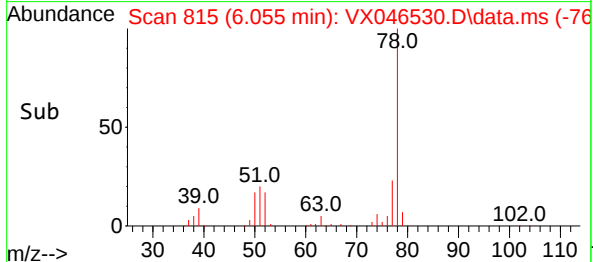
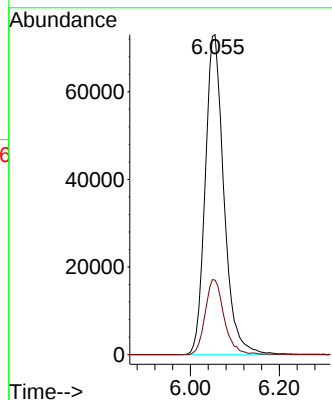
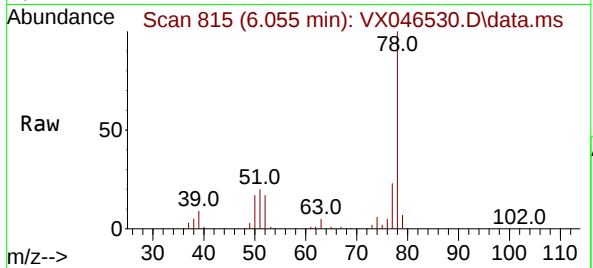




#40
Benzene
Concen: 33.046 ug/l
RT: 6.055 min Scan# 811
Delta R.T. -0.001 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

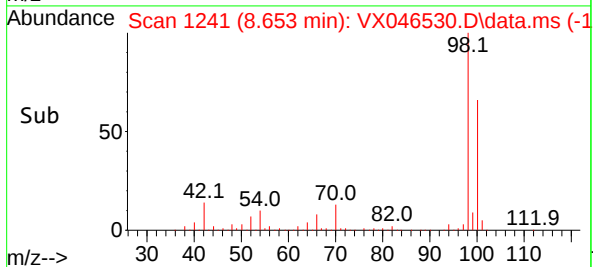
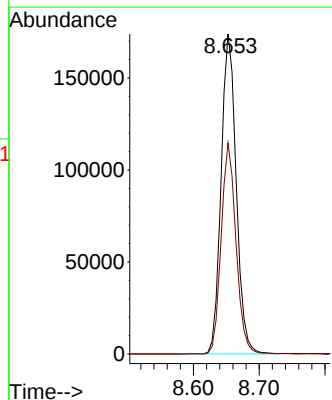
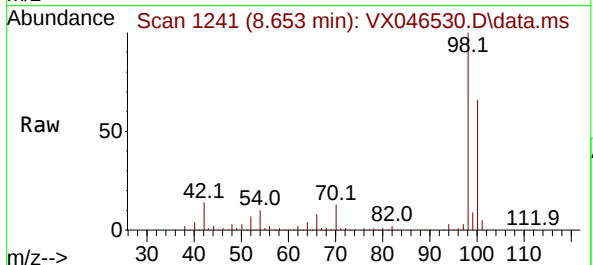
Instrument :
MSVOA_X
ClientSampleId :
C2MEDL

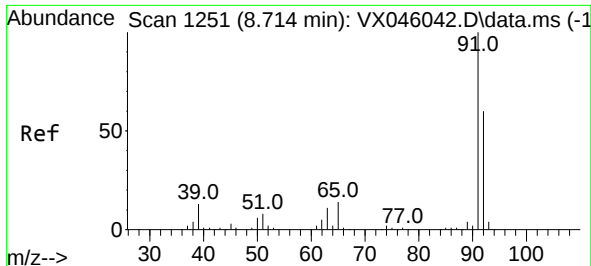
Tgt Ion: 78 Resp: 213975
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



#50
Toluene-d8
Concen: 52.332 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Tgt Ion: 98 Resp: 277814
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3

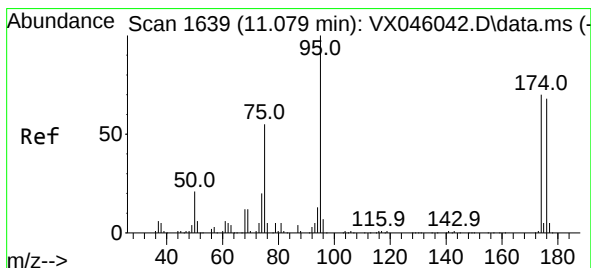
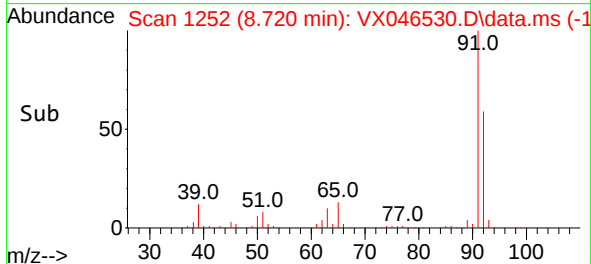
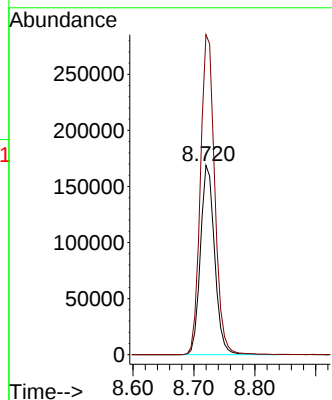
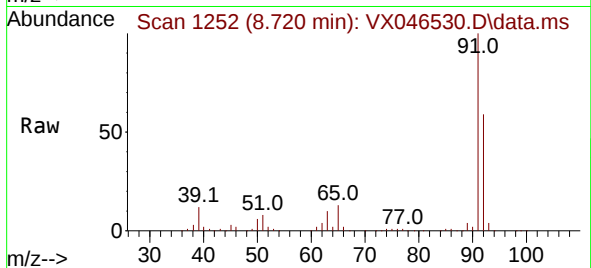




#52
Toluene
Concen: 68.701 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

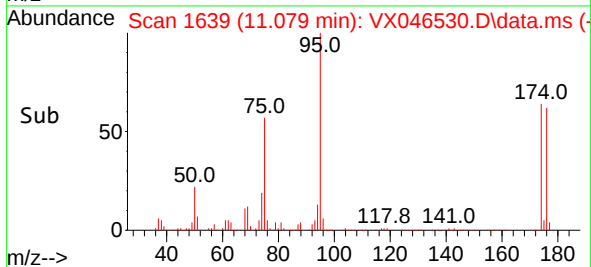
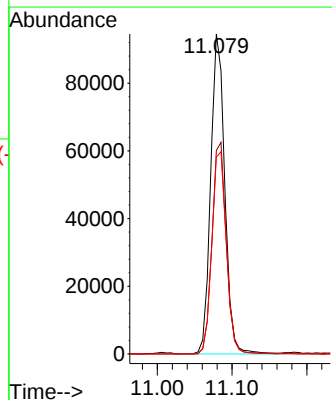
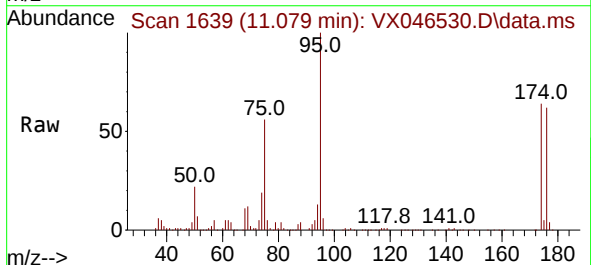
Instrument :
MSVOA_X
ClientSampleId :
C2MEDL

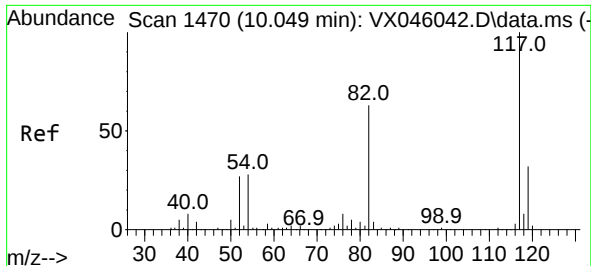
Tgt Ion: 92 Resp: 273294
Ion Ratio Lower Upper
92 100
91 170.5 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 56.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Tgt Ion: 95 Resp: 123869
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 65.3 0.0 131.4

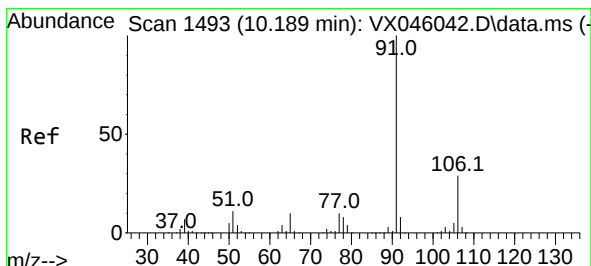
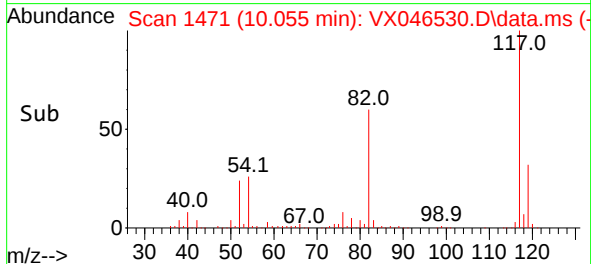
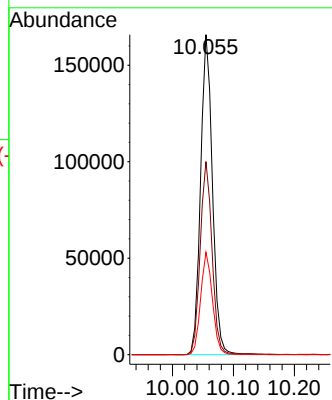
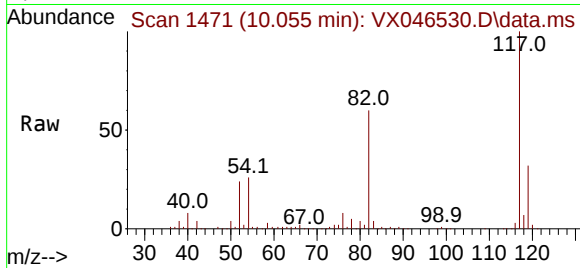




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

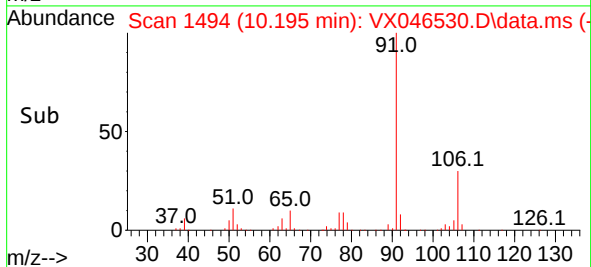
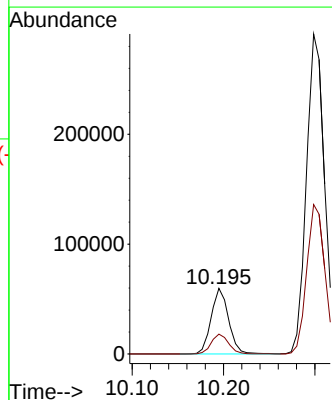
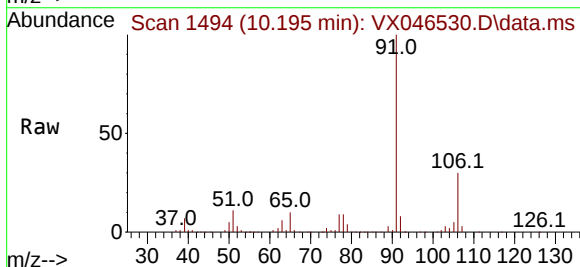
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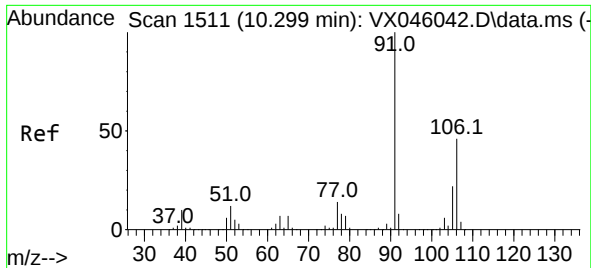
Tgt Ion:117 Resp: 224383
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 32.0 25.8 38.6



#67
Ethyl Benzene
Concen: 8.591 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Tgt Ion: 91 Resp: 79143
Ion Ratio Lower Upper
91 100
106 30.2 23.4 35.2

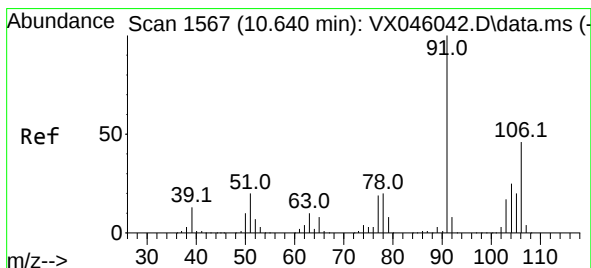
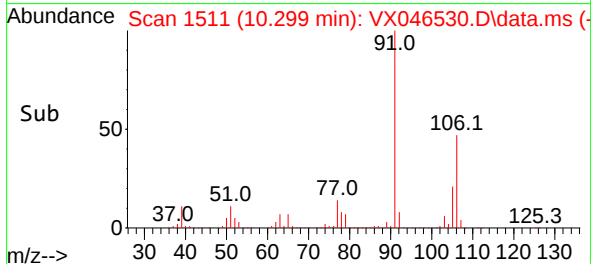
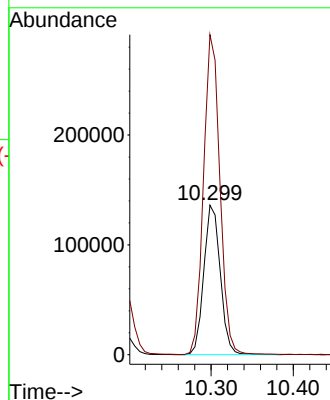
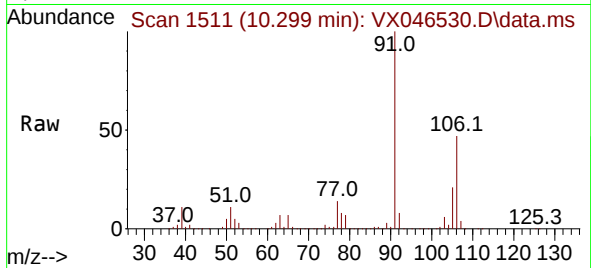




#68
m/p-Xylenes
Concen: 56.726 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

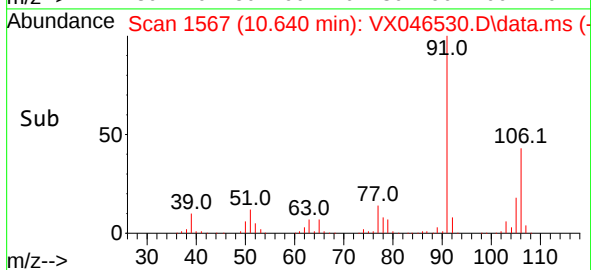
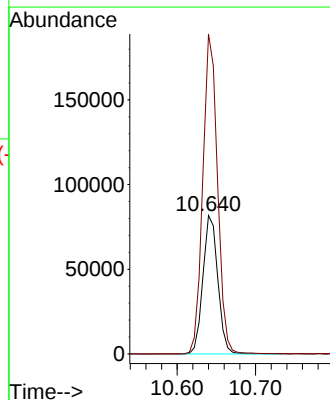
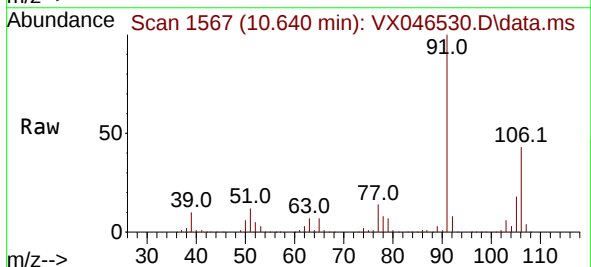
Instrument :
MSVOA_X
ClientSampleId :
C2MEDL

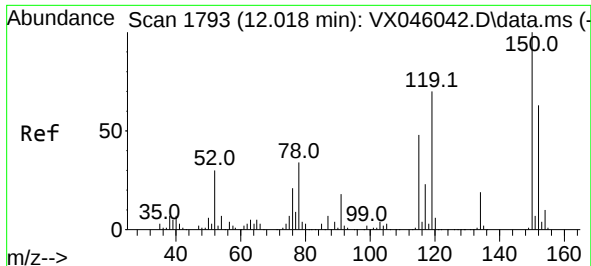
Tgt Ion:106 Resp: 189575
Ion Ratio Lower Upper
106 100
91 212.9 171.2 256.8



#69
o-Xylene
Concen: 33.378 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Tgt Ion:106 Resp: 107894
Ion Ratio Lower Upper
106 100
91 228.1 112.7 338.1

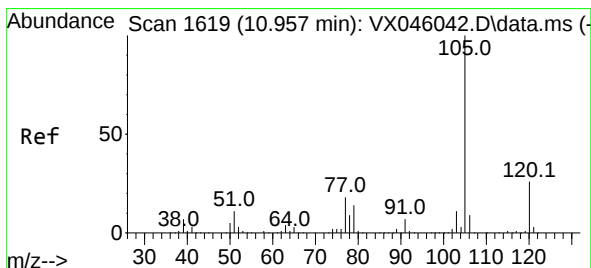
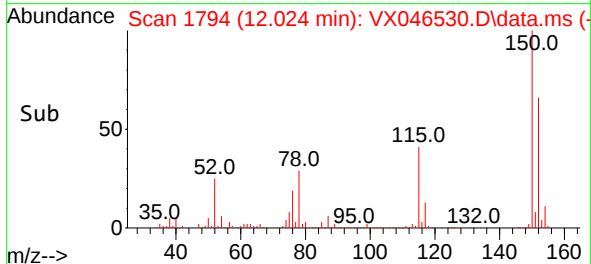
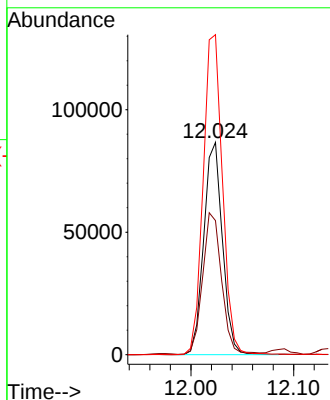
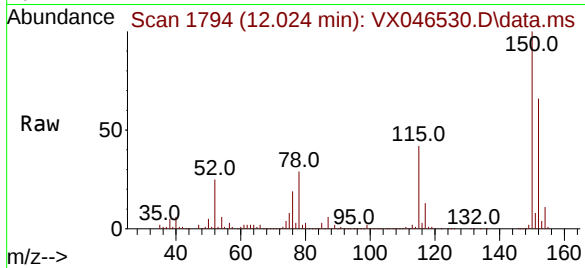




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

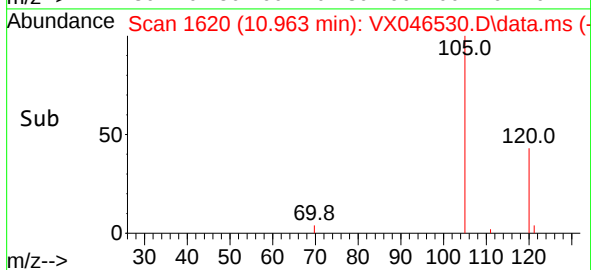
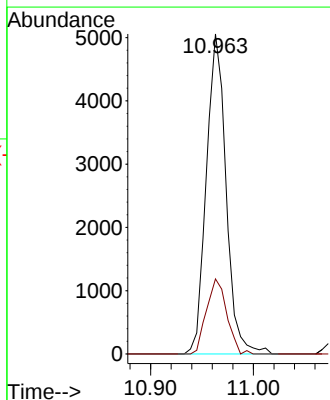
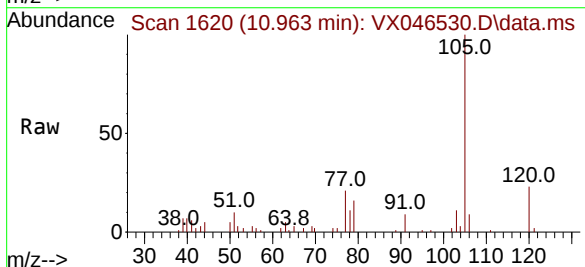
Instrument :
MSVOA_X
ClientSampleId :
C2MEDL

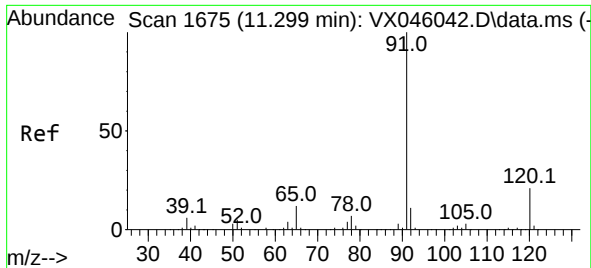
Tgt Ion:152 Resp: 109554
Ion Ratio Lower Upper
152 100
115 67.7 46.9 140.7
150 155.6 0.0 351.0



#73
Isopropylbenzene
Concen: 0.784 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Tgt Ion:105 Resp: 6750
Ion Ratio Lower Upper
105 100
120 24.1 12.8 38.4

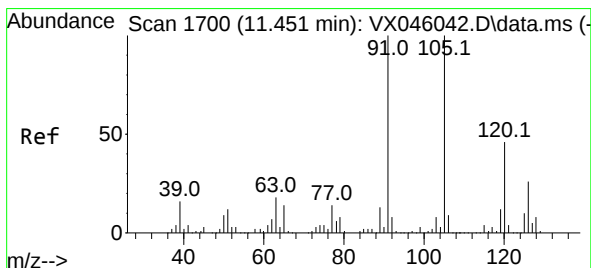
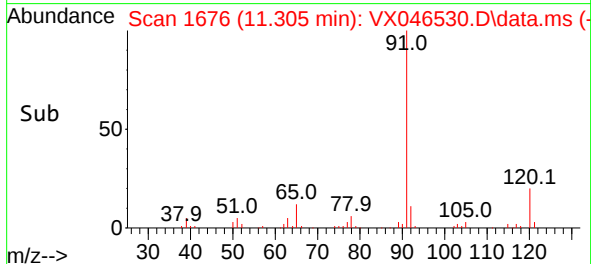
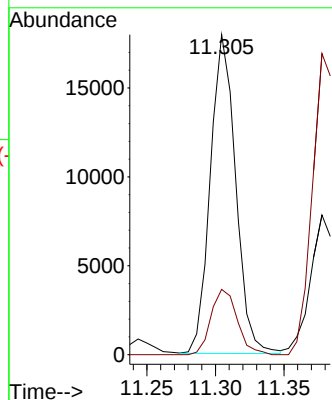
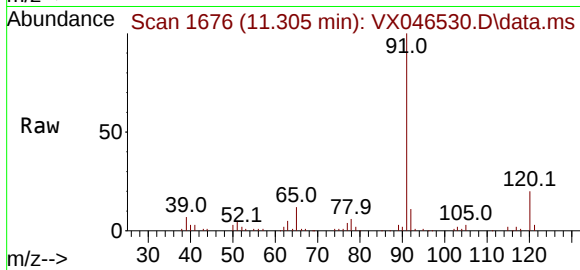




#78
n-propylbenzene
Concen: 2.212 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

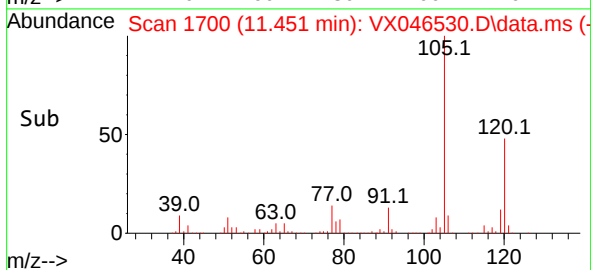
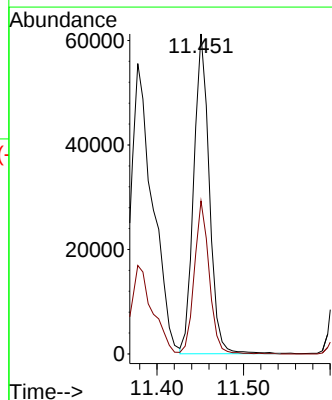
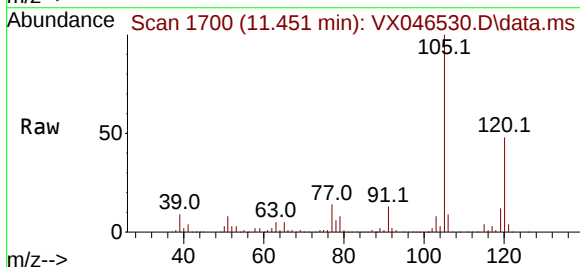
Instrument :
MSVOA_X
ClientSampleId :
C2MEDL

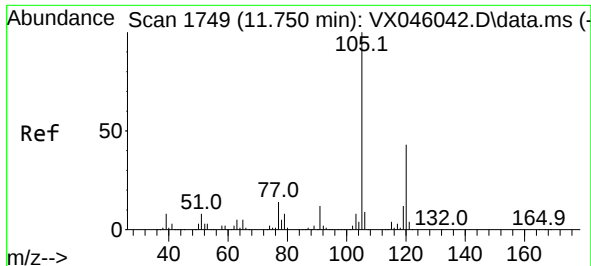
Tgt Ion: 91 Resp: 23059
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 10.632 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Tgt Ion:105 Resp: 76303
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2

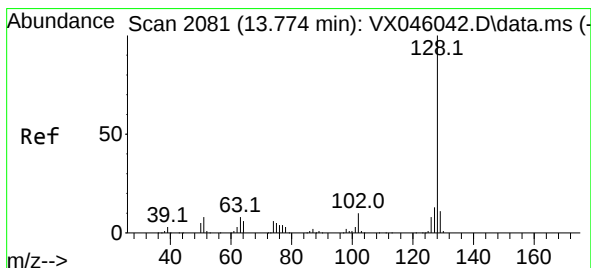
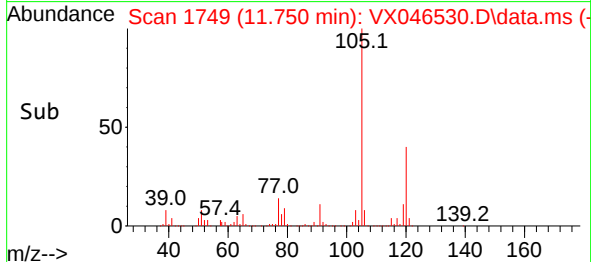
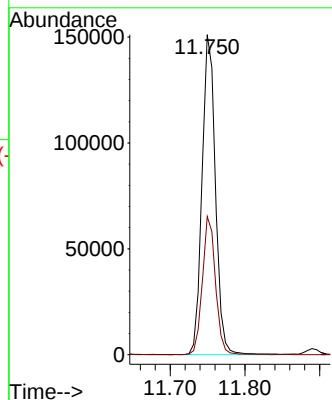
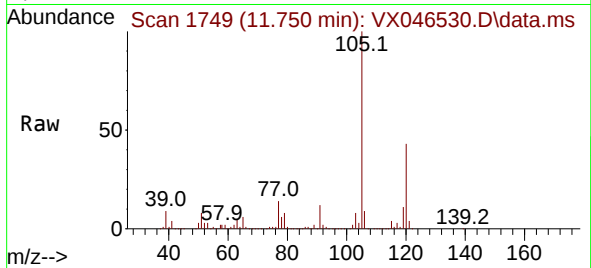




#84
1,2,4-Trimethylbenzene
Concen: 25.905 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
C2MEDL

Tgt Ion:105 Resp: 188065
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6



#95
Naphthalene
Concen: 137.080 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046530.D
Acq: 06 Jun 2025 16:13

Tgt Ion:128 Resp: 1111095
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.6 13.0

