

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033087.D
 Acq On : 28 Nov 2022 13:14
 Operator : JC/MD
 Sample : N5742-10DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP111822DL

Quant Time: Nov 29 01:43:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

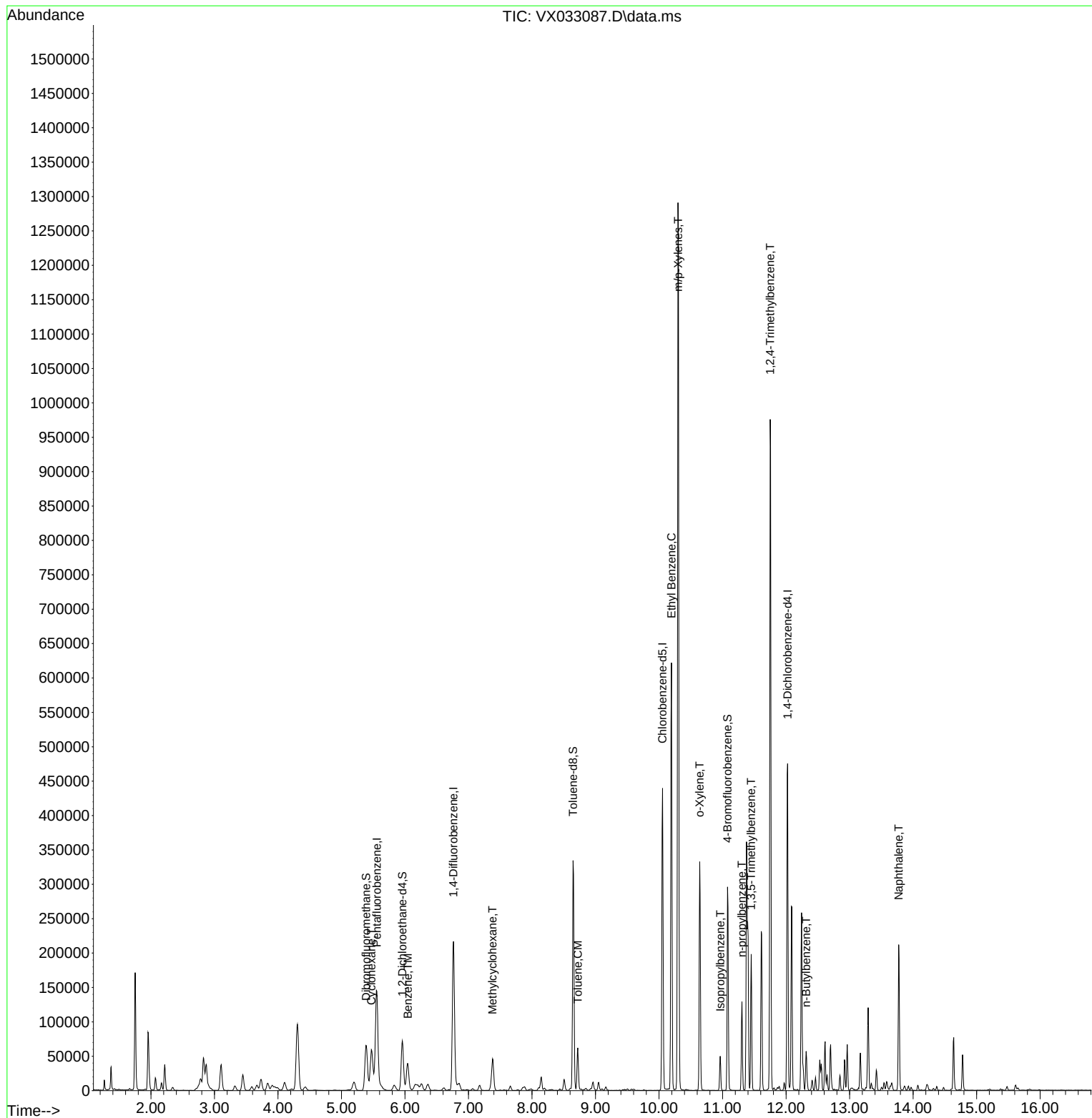
Internal Standards						
1) Pentafluorobenzene	5.556	168	137504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72679	54.365	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.740%	
35) Dibromofluoromethane	5.385	113	57098	45.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.220%	
50) Toluene-d8	8.647	98	197360	52.509	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	11.079	95	74639	45.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.780%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	39640	18.270	ug/l	91
39) Methylcyclohexane	7.379	83	19773	8.658	ug/l	93
40) Benzene	6.043	78	48349	8.616	ug/l	98
52) Toluene	8.720	92	23129	6.265	ug/l	99
67) Ethyl Benzene	10.195	91	344900	49.760	ug/l	100
68) m/p-Xylenes	10.299	106	295712	108.949	ug/l	99
69) o-Xylene	10.640	106	68553	26.103	ug/l	96
73) Isopropylbenzene	10.963	105	25226	3.540	ug/l	99
78) n-propylbenzene	11.305	91	75754	9.297	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	81283	13.576	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	425897	71.341	ug/l	99
89) n-Butylbenzene	12.317	91	8614	1.655	ug/l #	30
95) Naphthalene	13.774	128	130524	20.466	ug/l	99

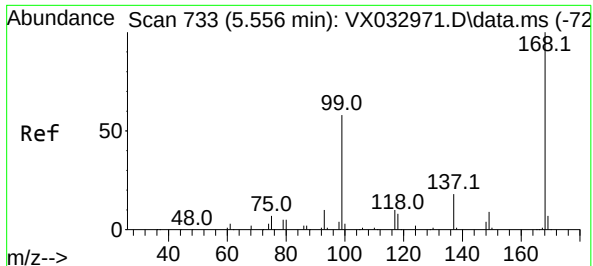
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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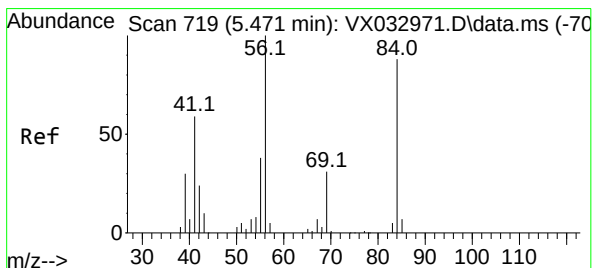
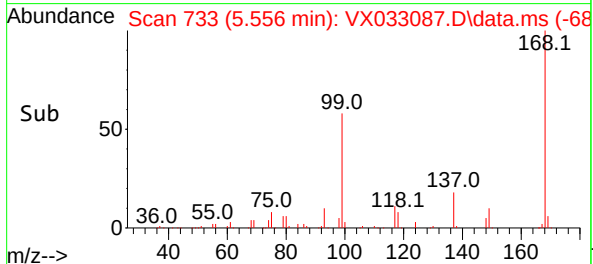
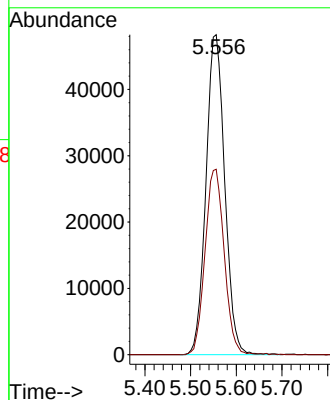
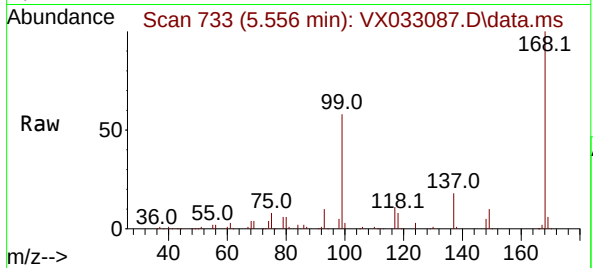




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

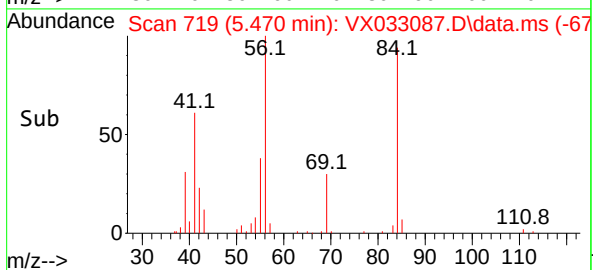
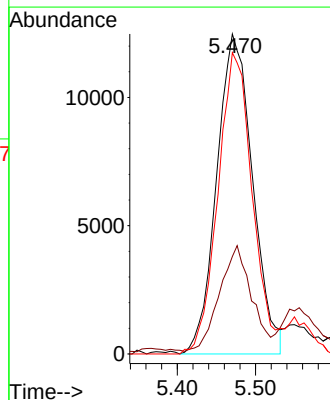
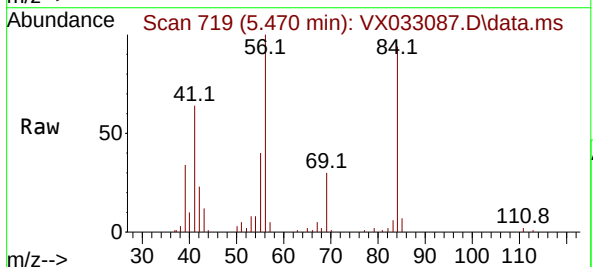
Instrument :
MSVOA_X
ClientSampleId :
DUP111822DL

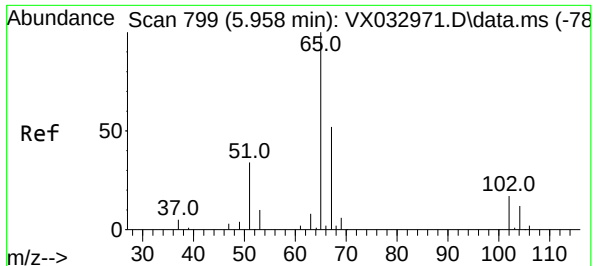
Tgt Ion:168 Resp: 137504
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#31
Cyclohexane
Concen: 18.270 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

Tgt Ion: 56 Resp: 39640
Ion Ratio Lower Upper
56 100
69 29.3 24.1 36.1
84 94.1 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 54.365 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033087.D

Acq: 28 Nov 2022 13:14

Instrument :

MSVOA_X

ClientSampleId :

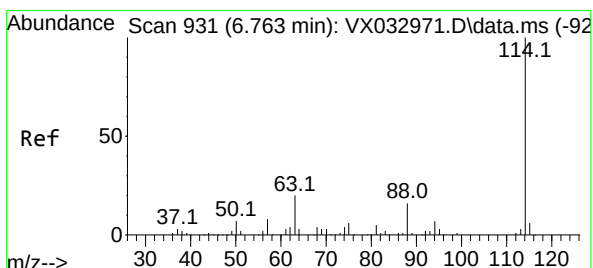
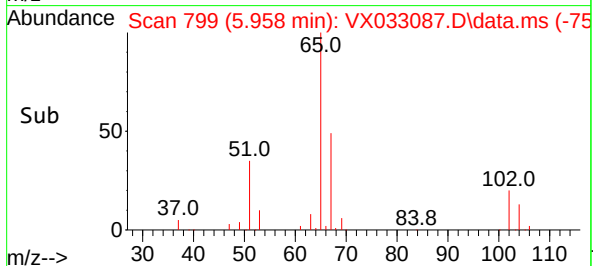
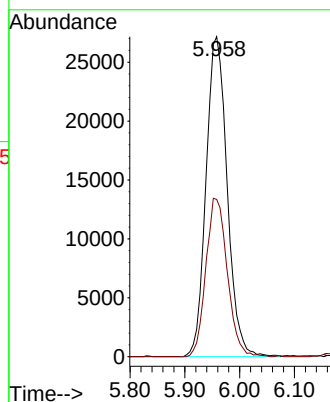
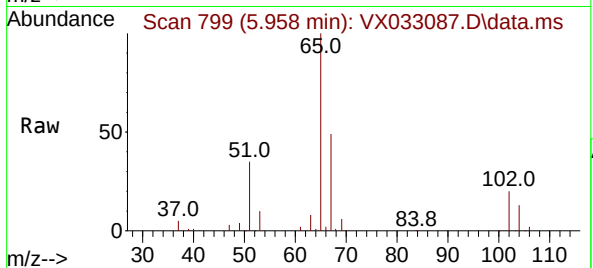
DUP111822DL

Tgt Ion: 65 Resp: 72679

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033087.D

Acq: 28 Nov 2022 13:14

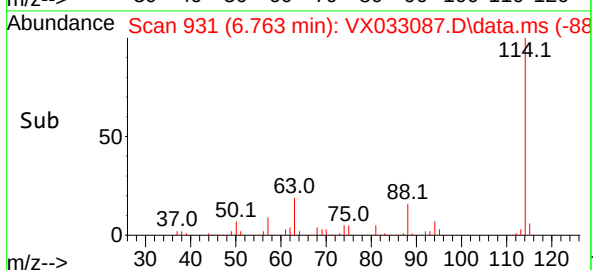
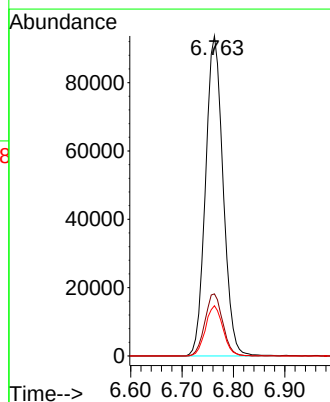
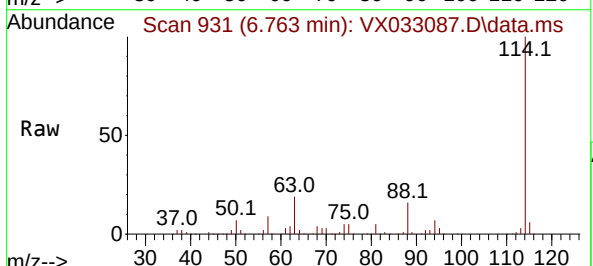
Tgt Ion: 114 Resp: 222039

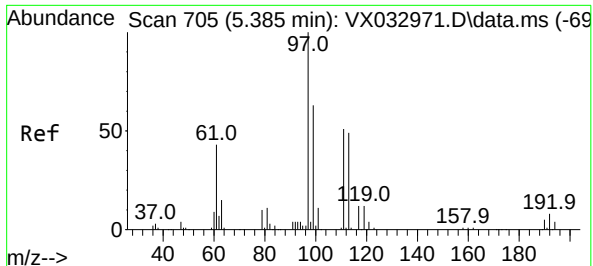
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 15.7 0.0 33.4

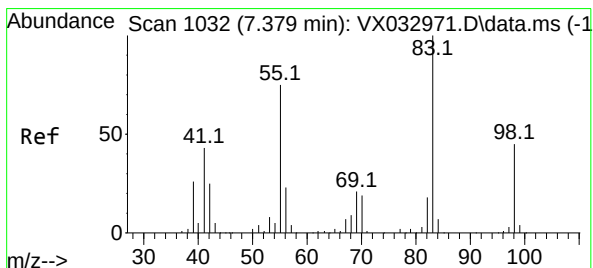
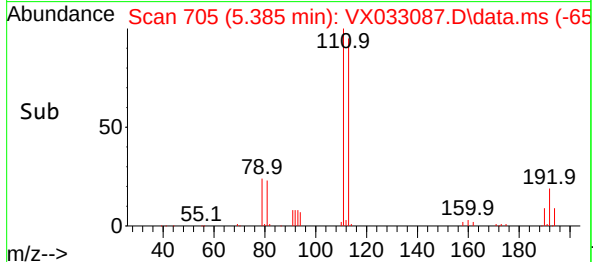
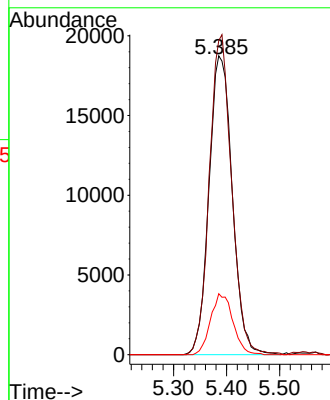
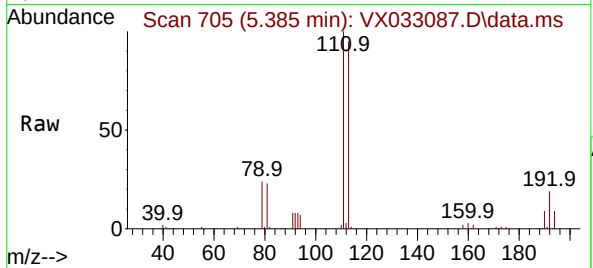




#35
Dibromofluoromethane
Concen: 45.614 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

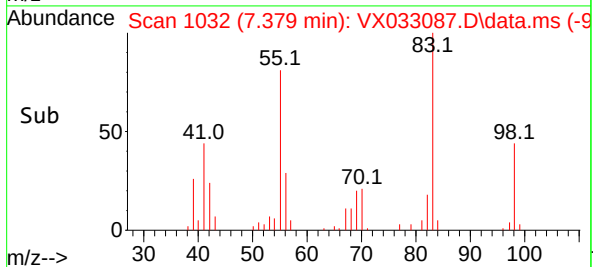
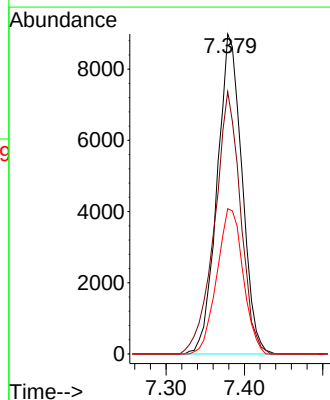
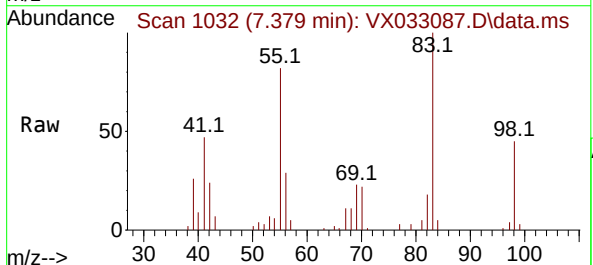
Instrument :
MSVOA_X
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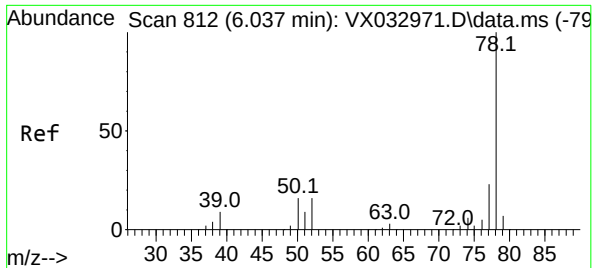
Tgt Ion:113 Resp: 57098
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.6 15.4 23.2



#39
Methylcyclohexane
Concen: 8.658 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

Tgt Ion: 83 Resp: 19773
Ion Ratio Lower Upper
83 100
55 81.9 58.4 87.6
98 45.4 37.2 55.8

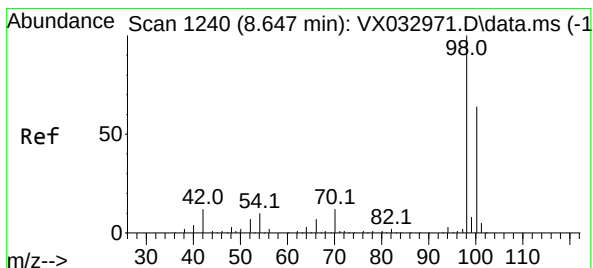
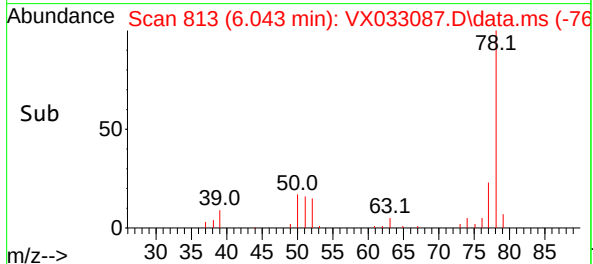
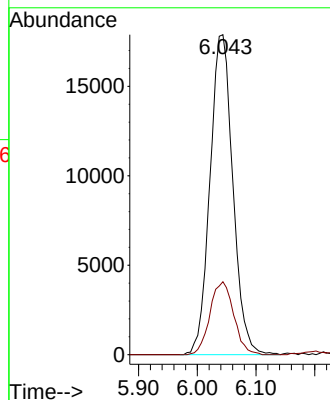
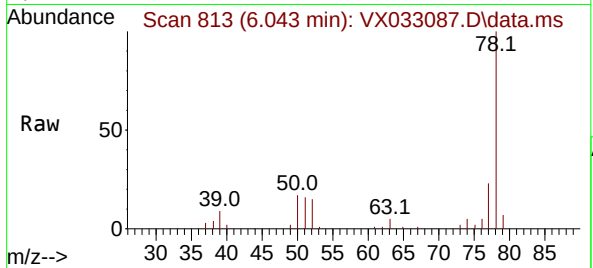




#40
Benzene
Concen: 8.616 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

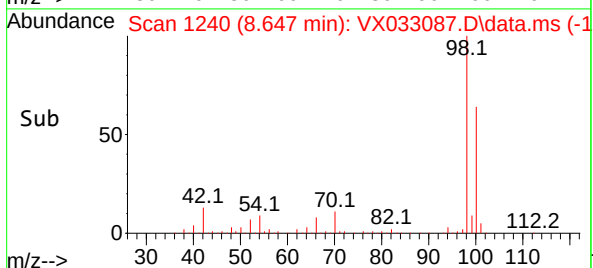
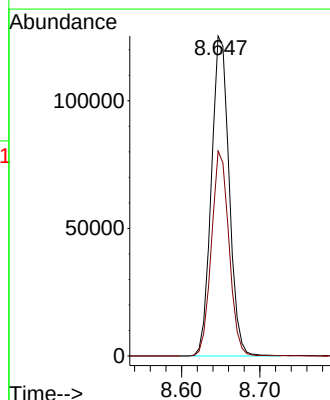
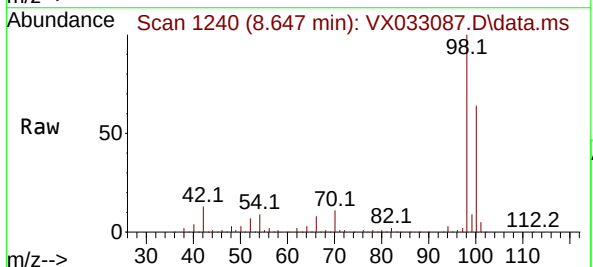
Instrument :
MSVOA_X
ClientSampleId :
DUP111822DL

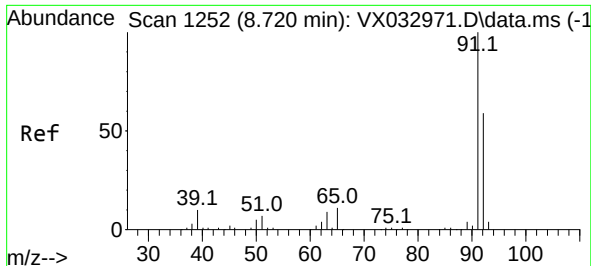
Tgt Ion: 78 Resp: 48349
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4



#50
Toluene-d8
Concen: 52.509 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

Tgt Ion: 98 Resp: 197360
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

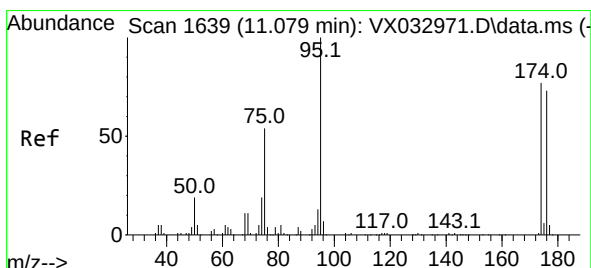
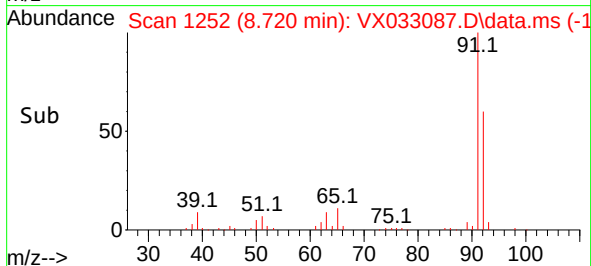
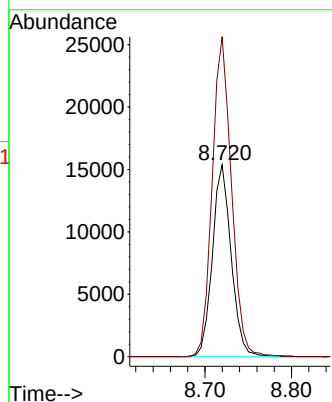
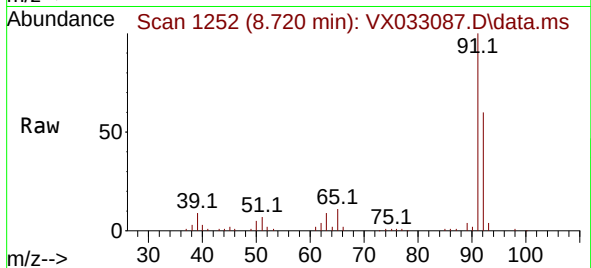




#52
Toluene
Concen: 6.265 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

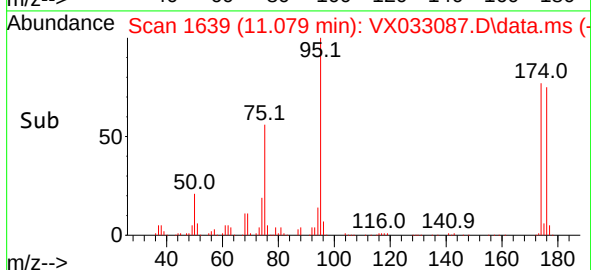
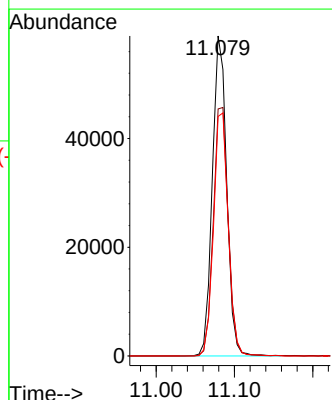
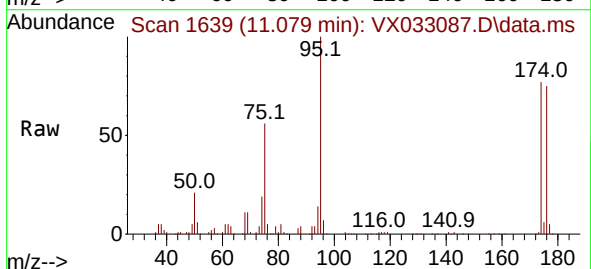
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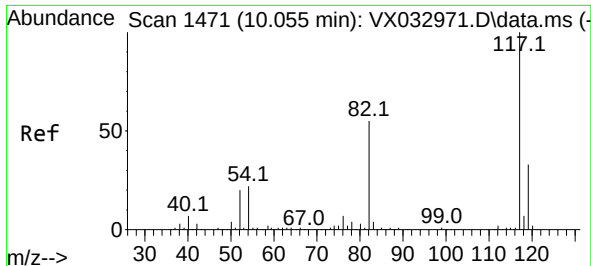
Tgt Ion: 92 Resp: 23129
Ion Ratio Lower Upper
92 100
91 171.3 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 45.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

Tgt Ion: 95 Resp: 74639
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 78.3 0.0 154.4

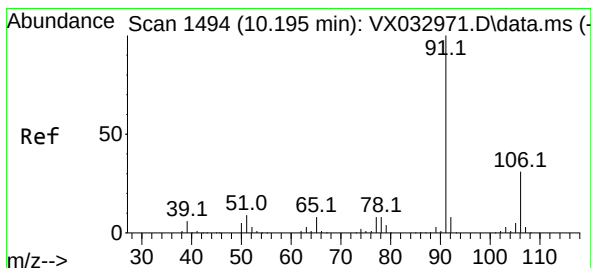
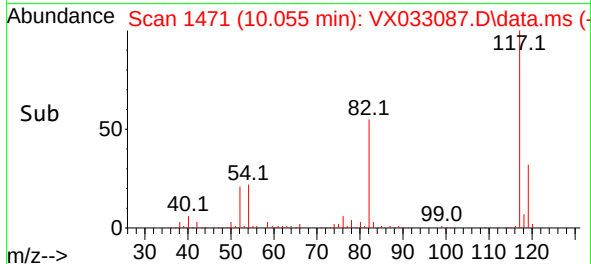
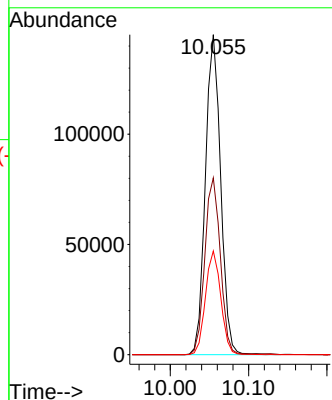
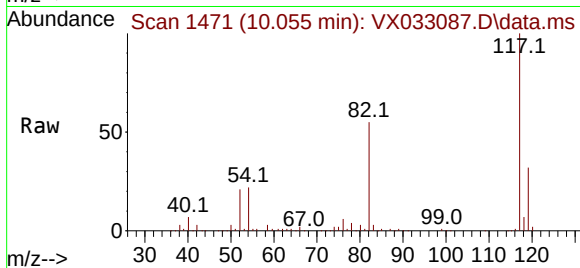




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

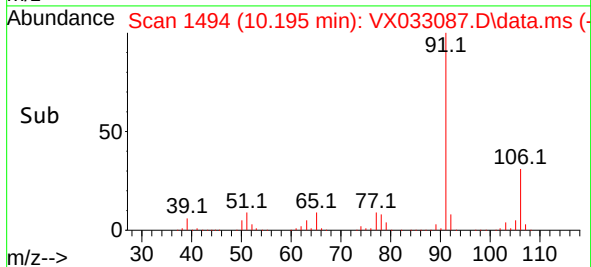
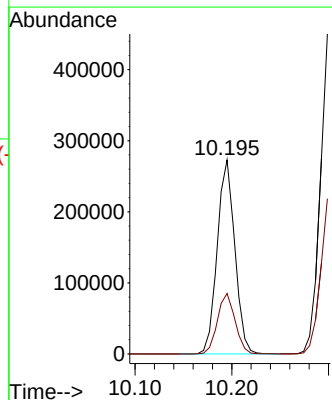
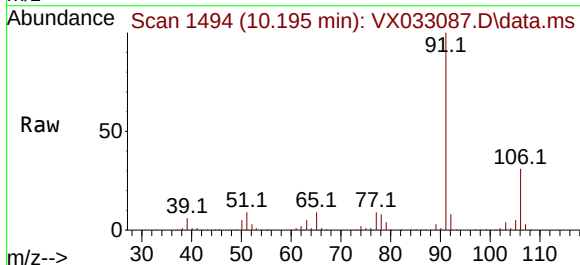
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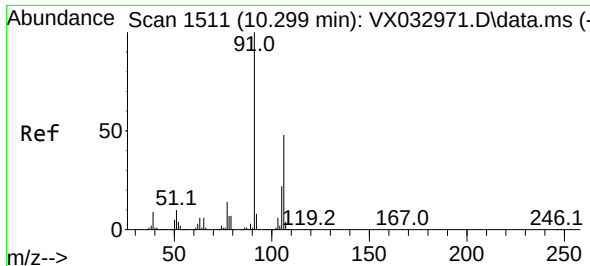
Tgt Ion:117 Resp: 195985
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.4 25.7 38.5



#67
Ethyl Benzene
Concen: 49.760 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

Tgt Ion: 91 Resp: 344900
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

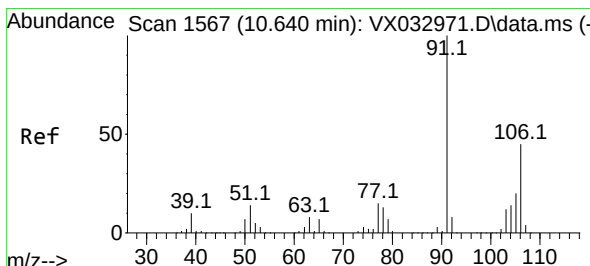
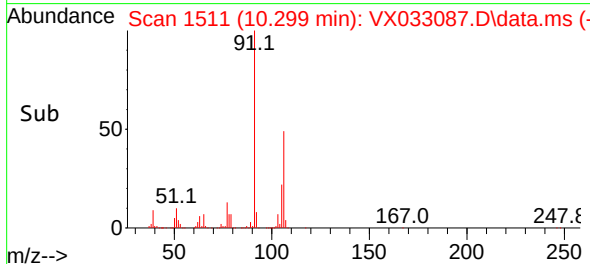
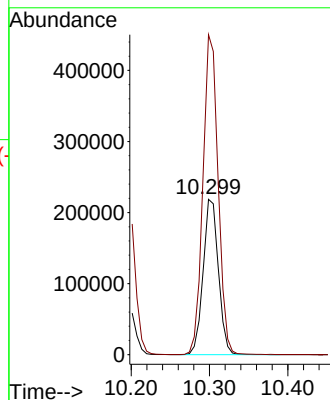
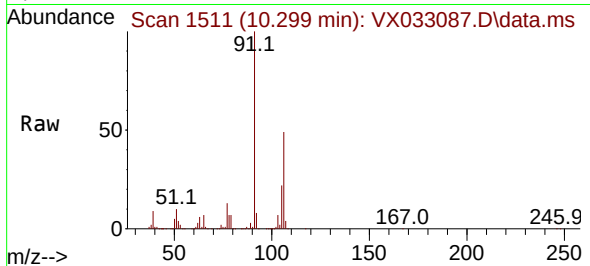




#68
m/p-Xylenes
Concen: 108.949 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

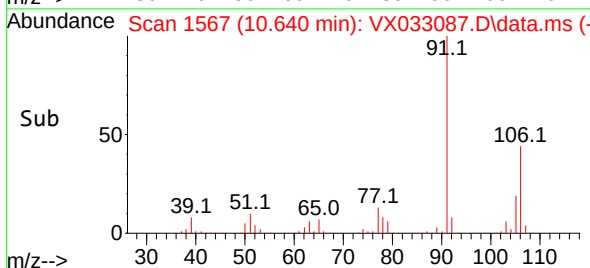
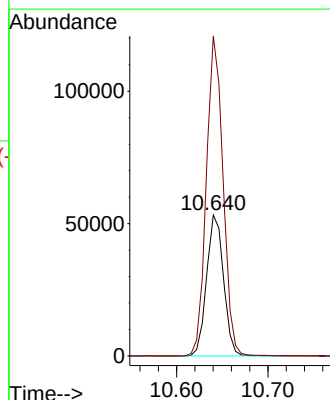
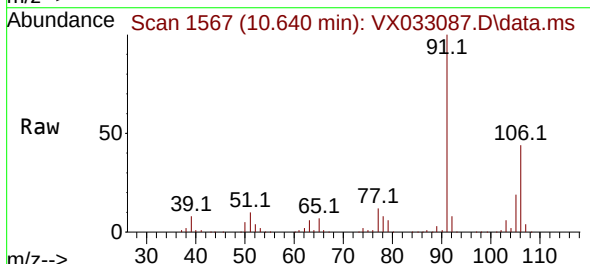
Instrument :
MSVOA_X
ClientSampleId :
DUP111822DL

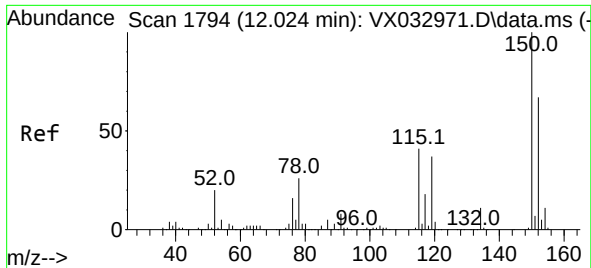
Tgt Ion:106 Resp: 295712
Ion Ratio Lower Upper
106 100
91 204.8 164.5 246.7



#69
o-Xylene
Concen: 26.103 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

Tgt Ion:106 Resp: 68553
Ion Ratio Lower Upper
106 100
91 224.2 109.2 327.6

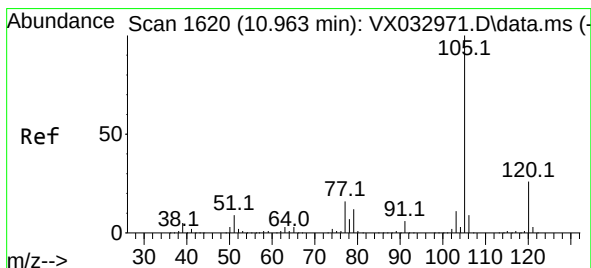
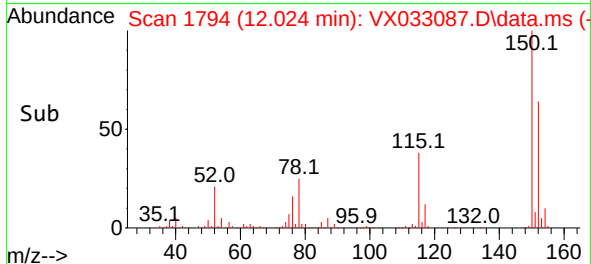
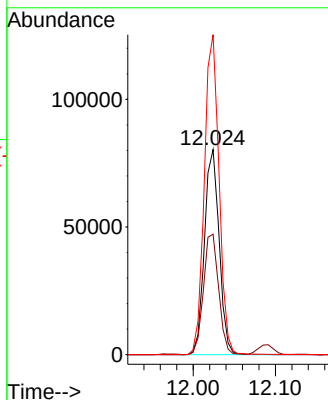
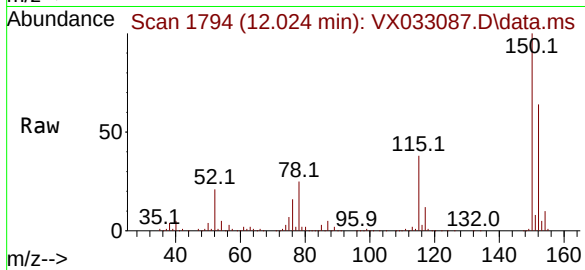




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

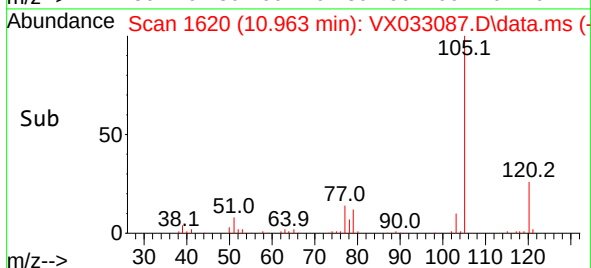
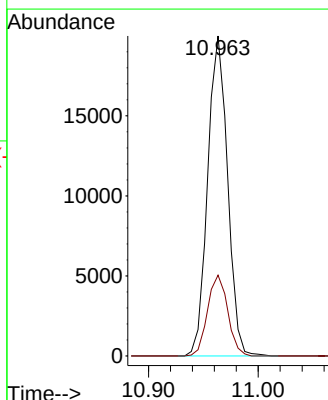
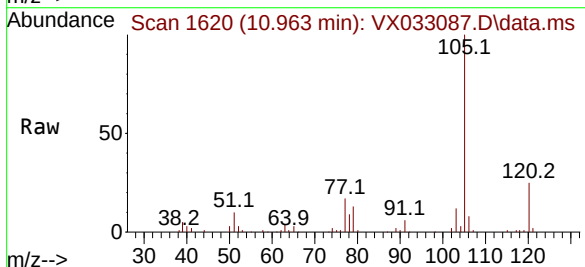
Instrument :
MSVOA_X
ClientSampleId :
DUP111822DL

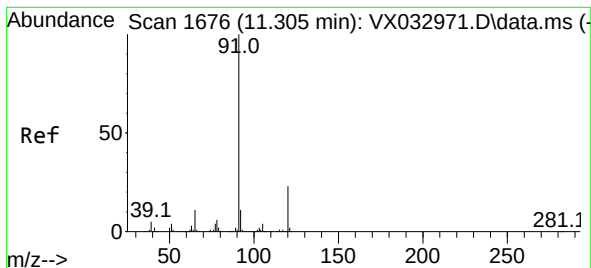
Tgt Ion:152 Resp: 99735
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 156.0 0.0 351.8



#73
Isopropylbenzene
Concen: 3.540 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

Tgt Ion:105 Resp: 25226
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3





#78

n-propylbenzene

Concen: 9.297 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033087.D

Acq: 28 Nov 2022 13:14

Instrument :

MSVOA_X

ClientSampleId :

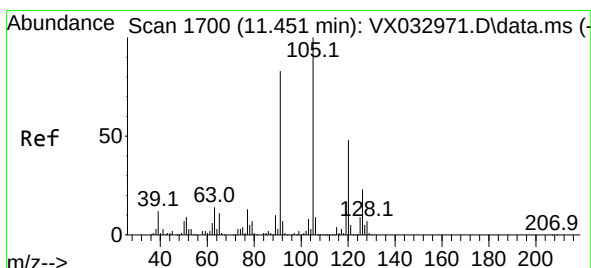
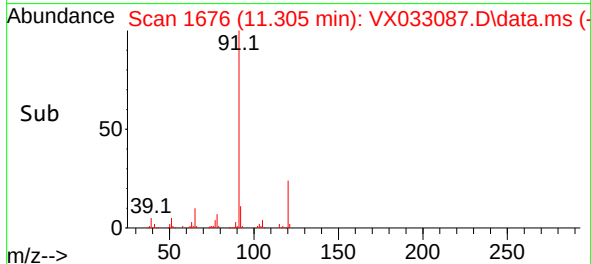
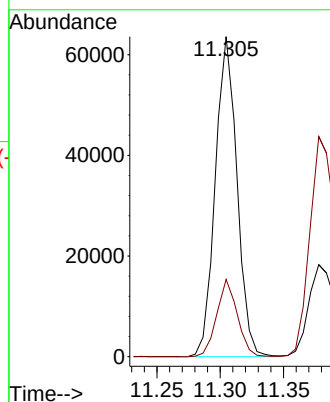
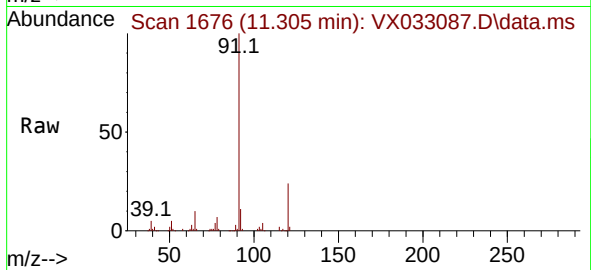
DUP111822DL

Tgt Ion: 91 Resp: 75754

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 13.576 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033087.D

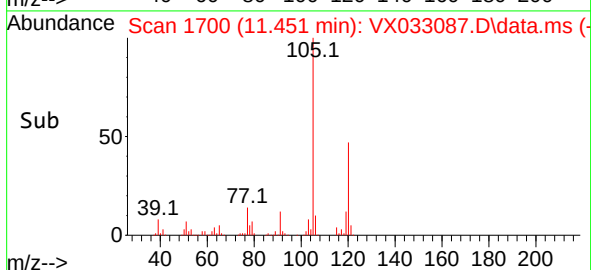
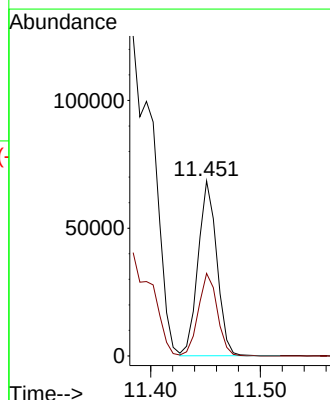
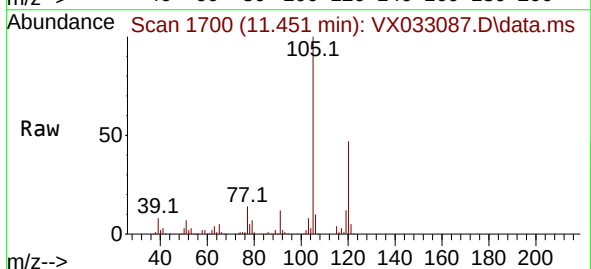
Acq: 28 Nov 2022 13:14

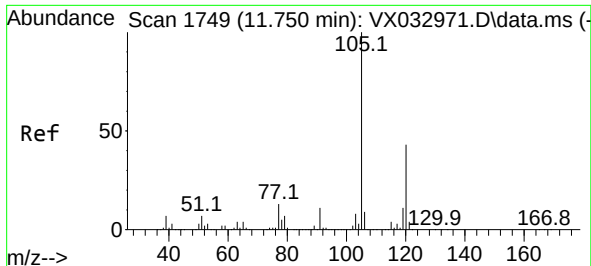
Tgt Ion: 105 Resp: 81283

Ion Ratio Lower Upper

105 100

120 47.7 23.6 71.0

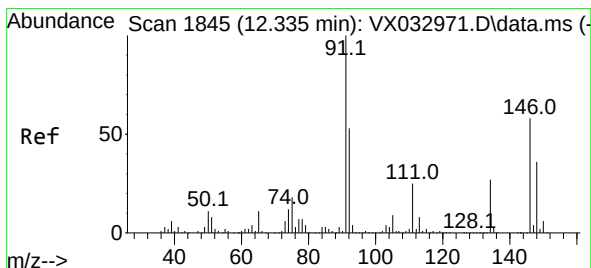
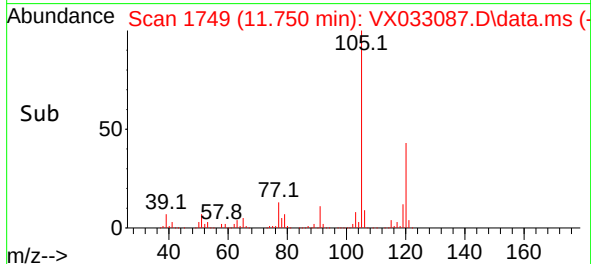
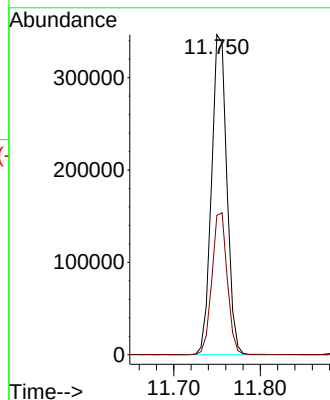
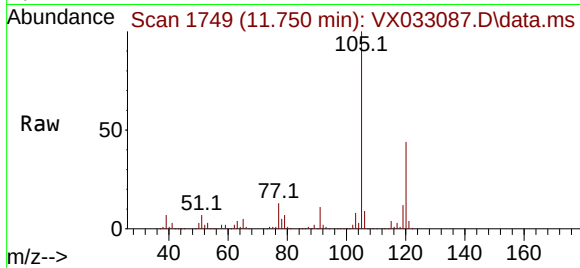




#84
1,2,4-Trimethylbenzene
Concen: 71.341 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

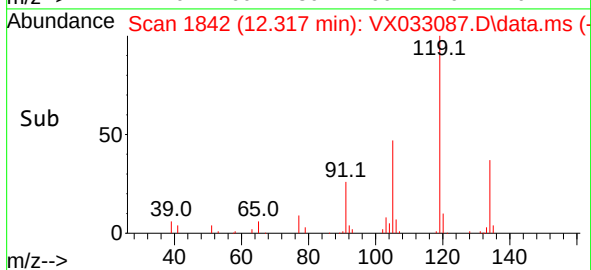
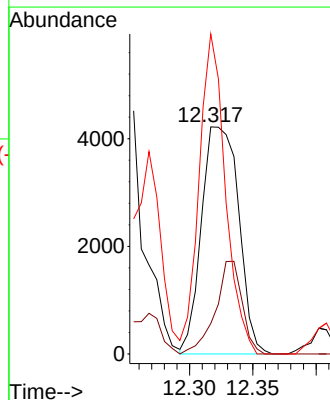
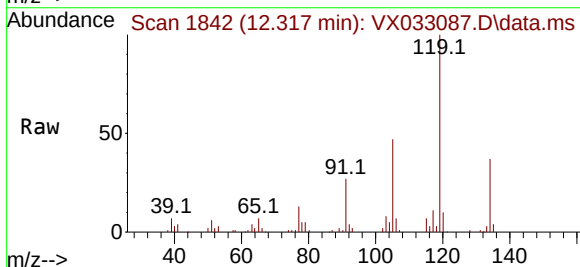
Instrument :
MSVOA_X
ClientSampleId :
DUP111822DL

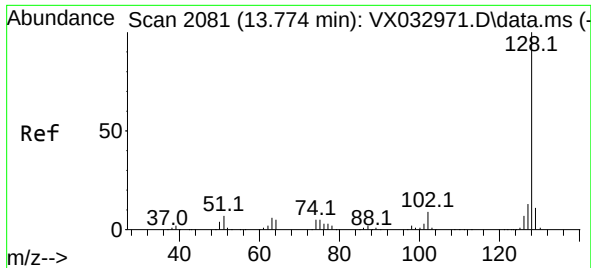
Tgt Ion:105 Resp: 425897
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.5



#89
n-Butylbenzene
Concen: 1.655 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX033087.D
Acq: 28 Nov 2022 13:14

Tgt Ion: 91 Resp: 8614
Ion Ratio Lower Upper
91 100
92 29.4 26.2 78.6
134 100.0 12.9 38.6#





#95

Naphthalene

Concen: 20.466 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX033087.D

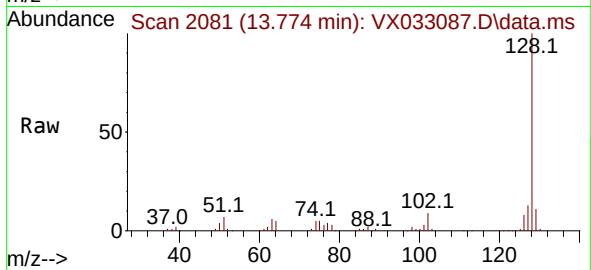
Acq: 28 Nov 2022 13:14

Instrument :

MSVOA_X

ClientSampleId :

DUP111822DL



Tgt Ion:128 Resp: 130524

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.2 8.9 13.3

