

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026749.D
 Acq On : 02 Feb 2022 20:02
 Operator : JC/MD
 Sample : N1380-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF0222DL

Quant Time: Feb 03 03:09:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

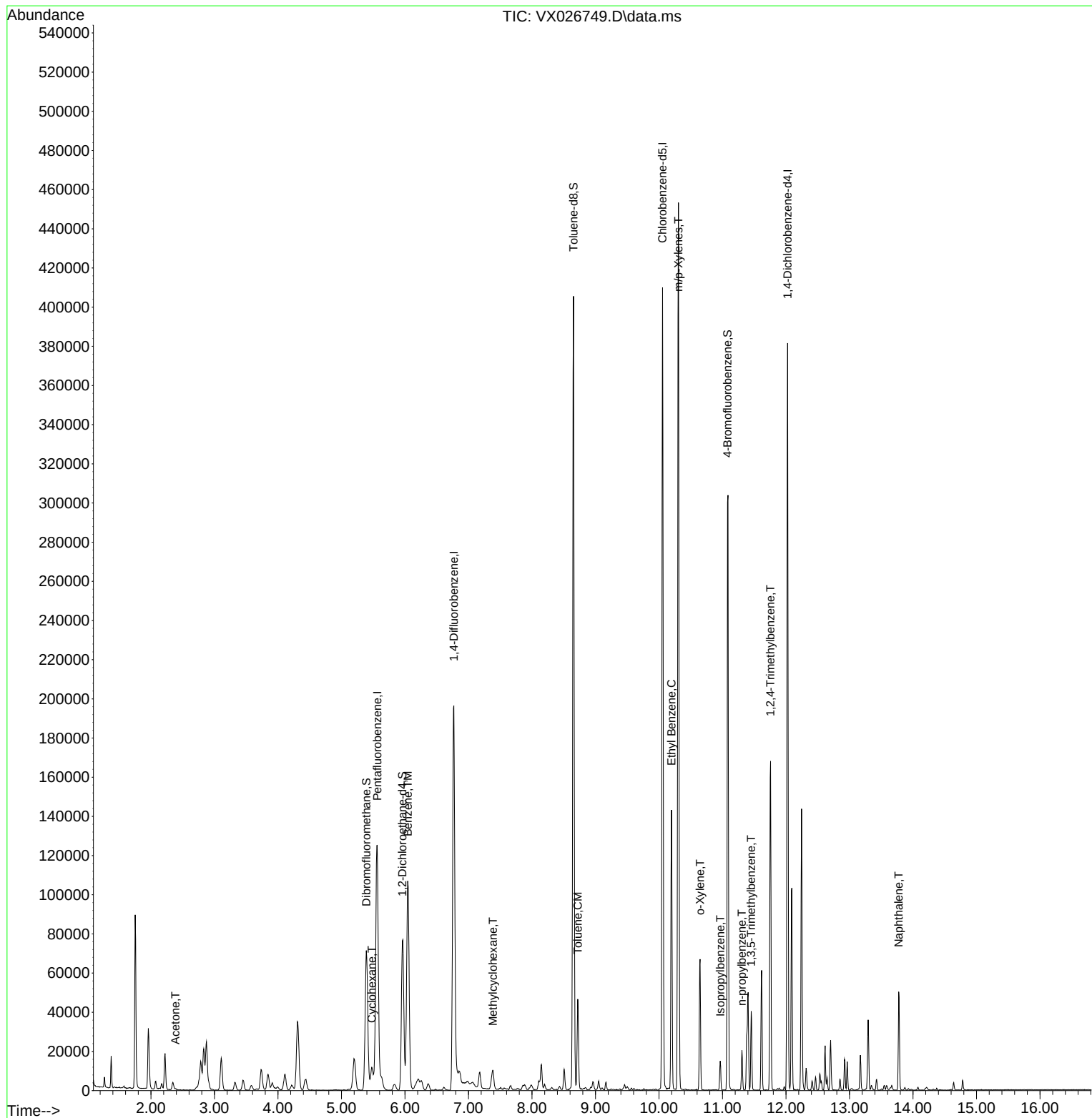
Internal Standards						
1) Pentafluorobenzene	5.562	168	121130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	201715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74965	44.303	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.600%
35) Dibromofluoromethane	5.391	113	63038	48.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	8.653	98	234796	50.020	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.040%
62) 4-Bromofluorobenzene	11.079	95	85431	51.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.460%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	911	1.056	ug/l	98
31) Cyclohexane	5.477	56	8050	3.225	ug/l	97
39) Methylcyclohexane	7.385	83	3873	1.561	ug/l	94
40) Benzene	6.044	78	132286	23.274	ug/l	97
52) Toluene	8.720	92	17461	5.010	ug/l	97
67) Ethyl Benzene	10.195	91	80452	11.533	ug/l	98
68) m/p-Xylenes	10.305	106	105078	40.253	ug/l	99
69) o-Xylene	10.647	106	14899	5.915	ug/l	96
73) Isopropylbenzene	10.964	105	8058	1.257	ug/l	97
78) n-propylbenzene	11.305	91	11971	1.638	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	17672	3.344	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	77304	14.627	ug/l	99
95) Naphthalene	13.774	128	32260	5.800	ug/l	99

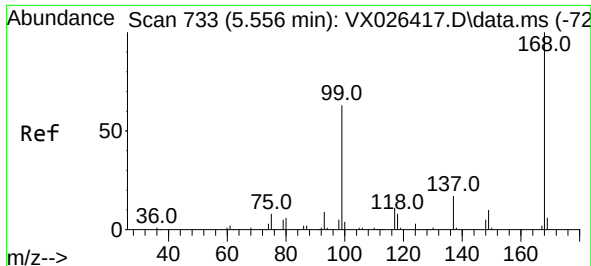
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 03:09:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

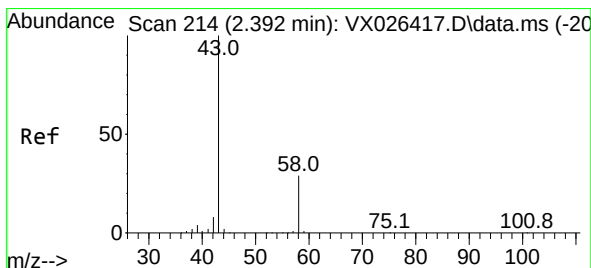
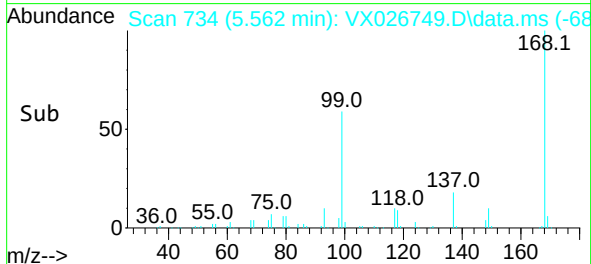
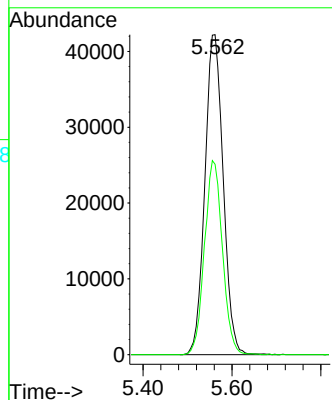
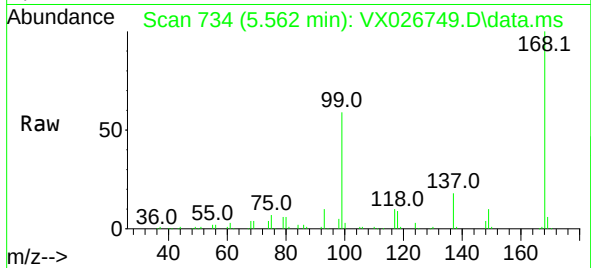




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

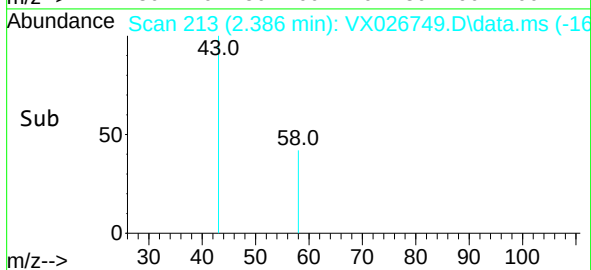
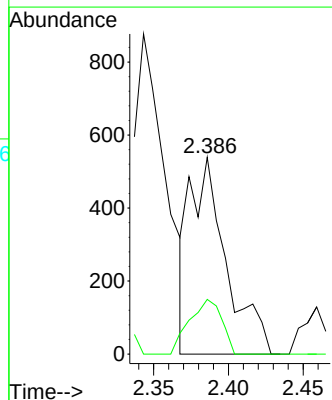
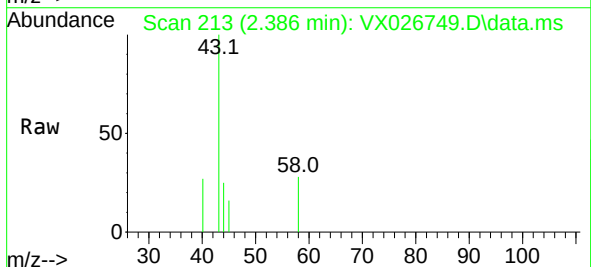
Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

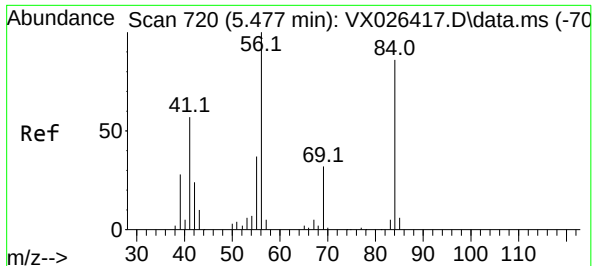
Tgt Ion:168 Resp: 121130
Ion Ratio Lower Upper
168 100
99 59.5 50.3 75.5



#16
Acetone
Concen: 1.056 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

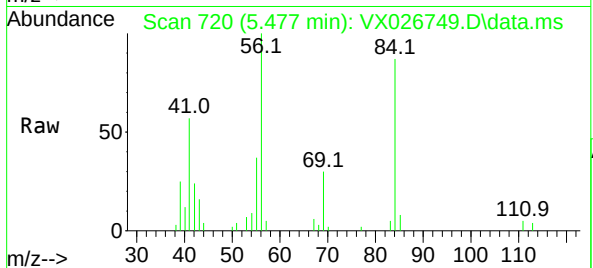
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 27.8 23.0 34.6



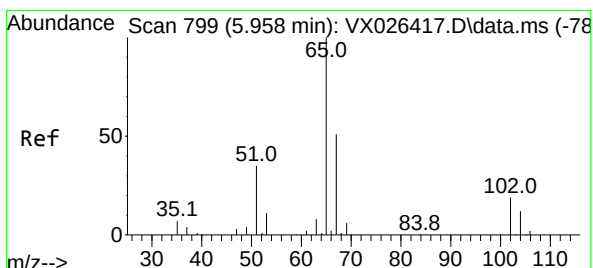
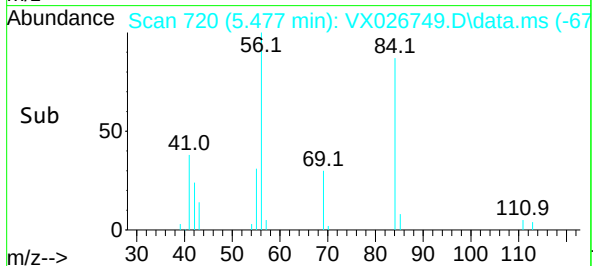
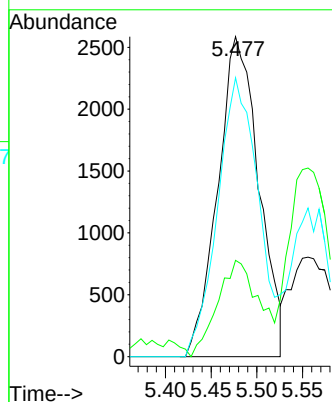


#31
Cyclohexane
Concen: 3.225 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

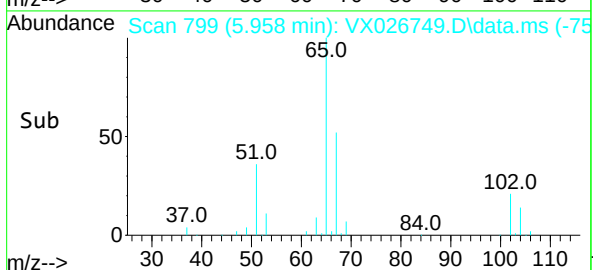
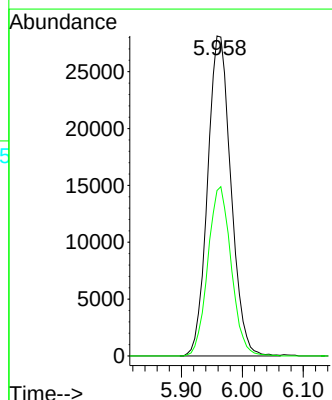
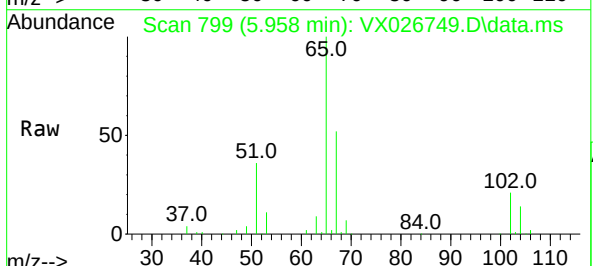


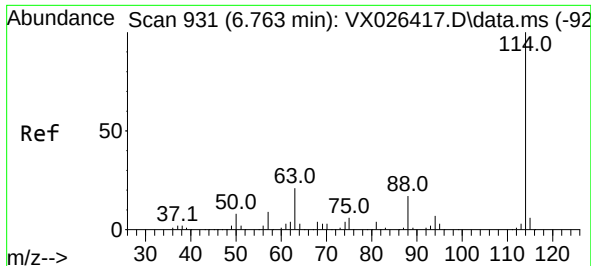
Tgt Ion: 56	Resp: 8050
Ion Ratio	Lower Upper
56 100	
69 27.1	25.8 38.6
84 87.2	68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 44.303 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 65	Resp: 74965
Ion Ratio	Lower Upper
65 100	
67 52.9	0.0 100.8

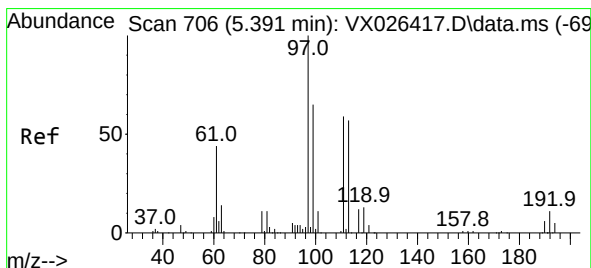
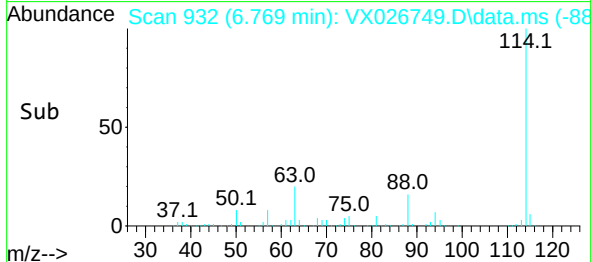
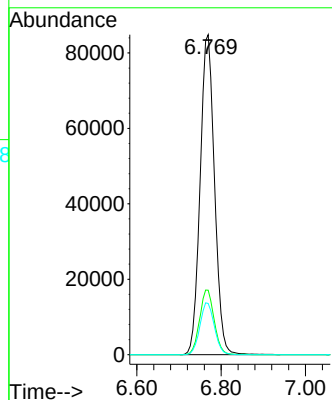
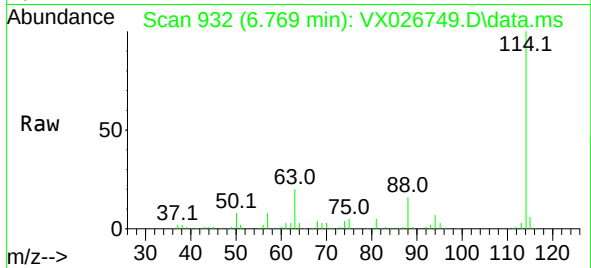




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

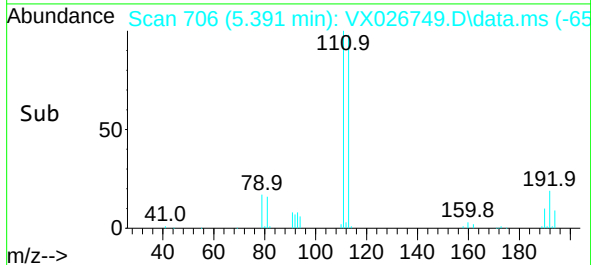
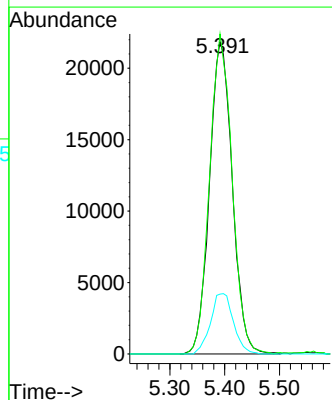
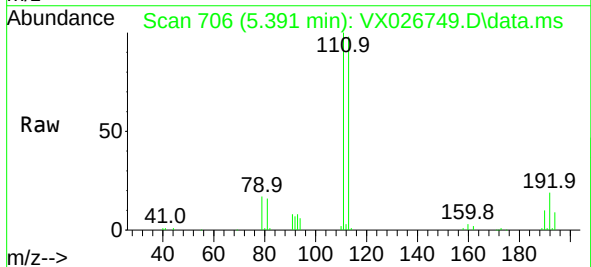
Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

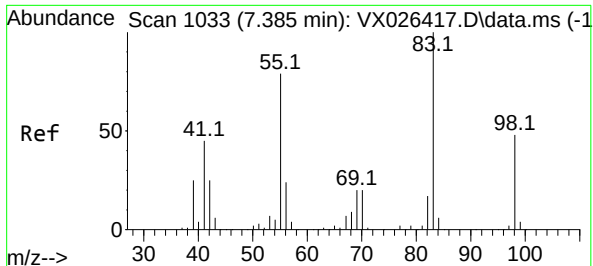
Tgt Ion:114 Resp: 201715
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.393 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:113 Resp: 63038
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 19.4 15.0 22.4





#39

Methylcyclohexane

Concen: 1.561 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX026749.D

Acq: 02 Feb 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

INF0222DL

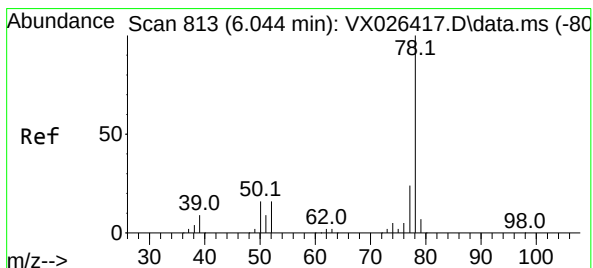
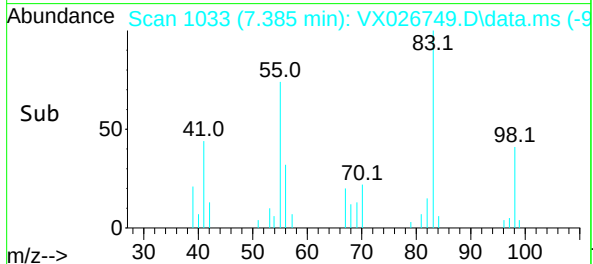
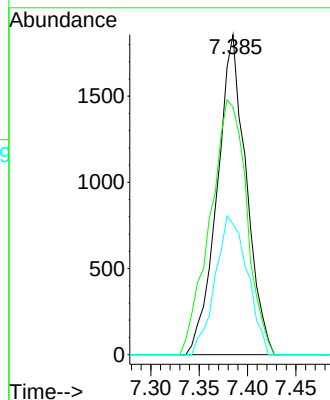
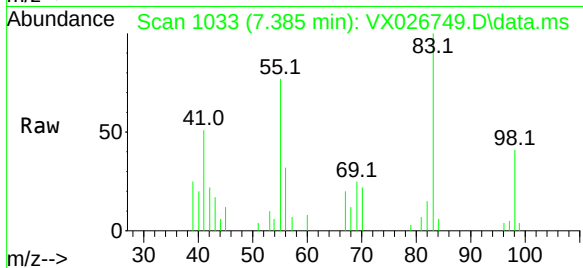
Tgt Ion: 83 Resp: 3873

Ion Ratio Lower Upper

83 100

55 77.4 63.6 95.4

98 40.8 38.4 57.6



#40

Benzene

Concen: 23.274 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX026749.D

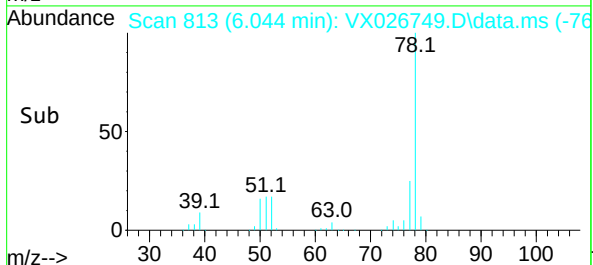
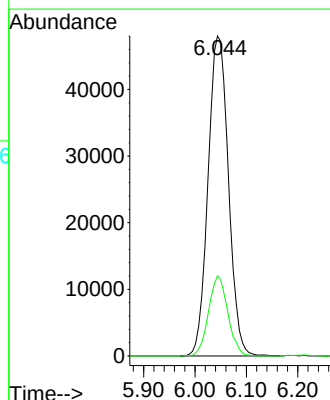
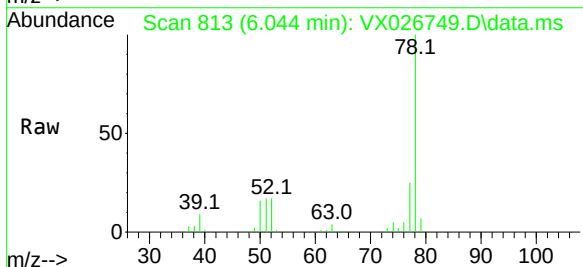
Acq: 02 Feb 2022 20:02

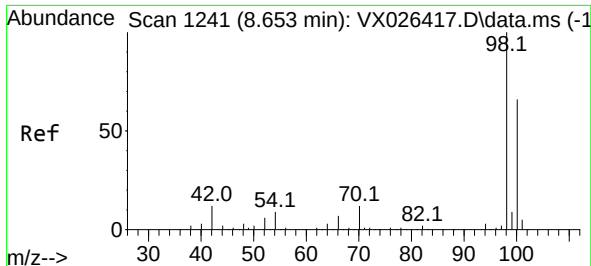
Tgt Ion: 78 Resp: 132286

Ion Ratio Lower Upper

78 100

77 25.0 18.9 28.3

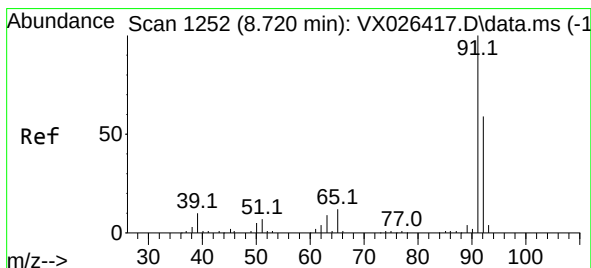
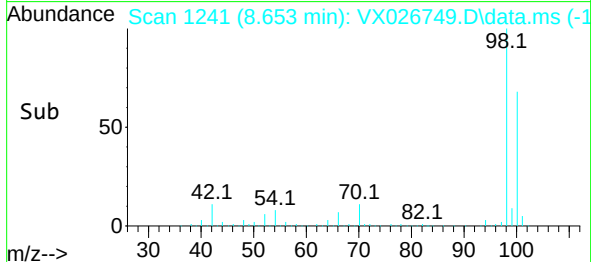
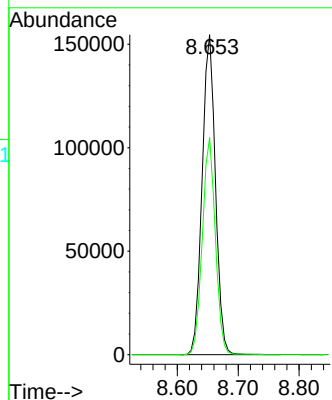
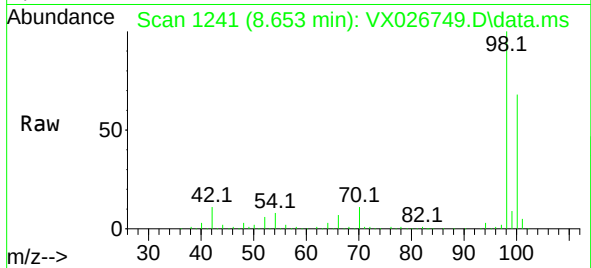




#50
Toluene-d8
Concen: 50.020 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

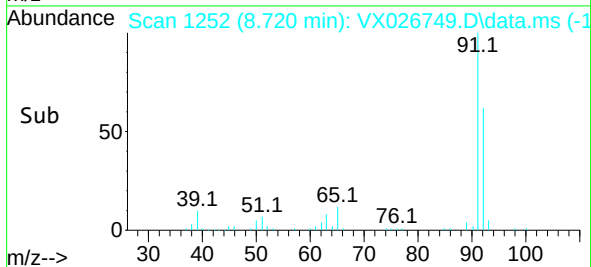
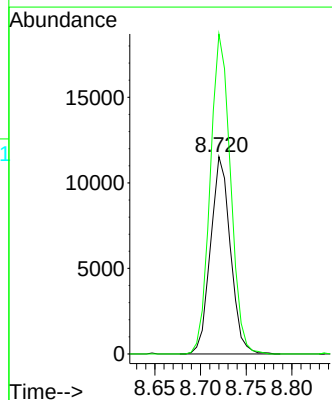
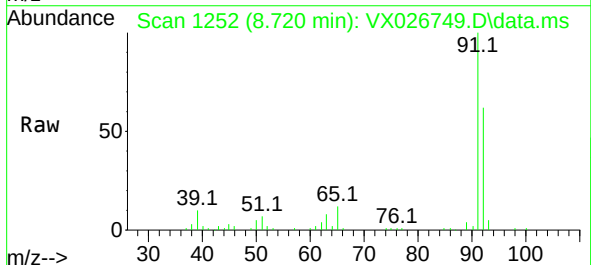
Instrument :
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INF0222DL

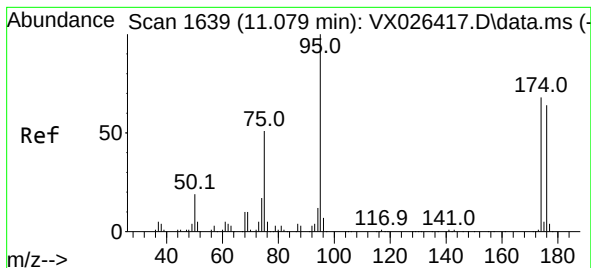
Tgt Ion: 98 Resp: 234796
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#52
Toluene
Concen: 5.010 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 92 Resp: 17461
Ion Ratio Lower Upper
92 100
91 165.2 135.7 203.5

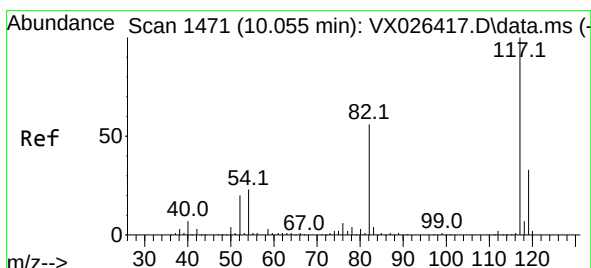
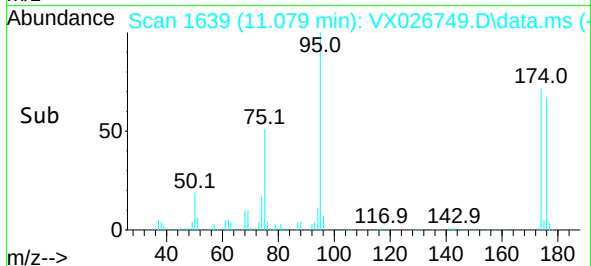
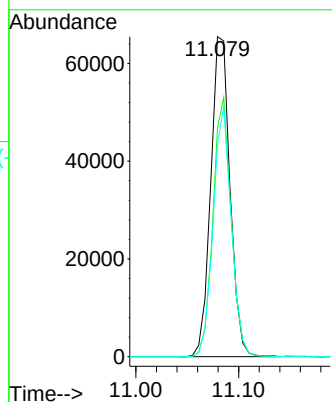
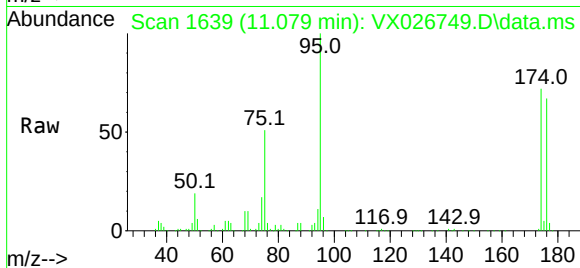




#62
4-Bromofluorobenzene
Concen: 51.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

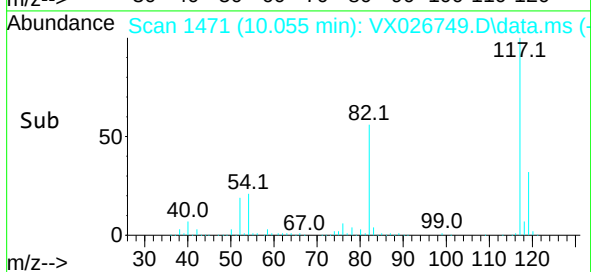
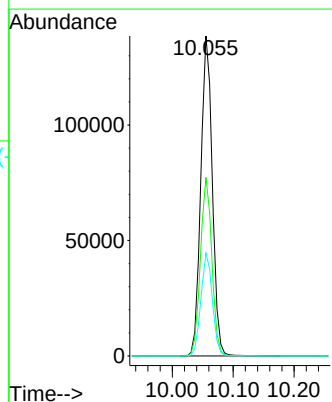
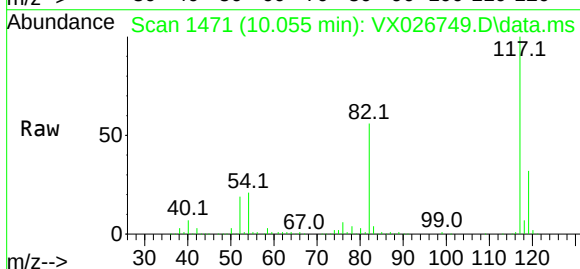
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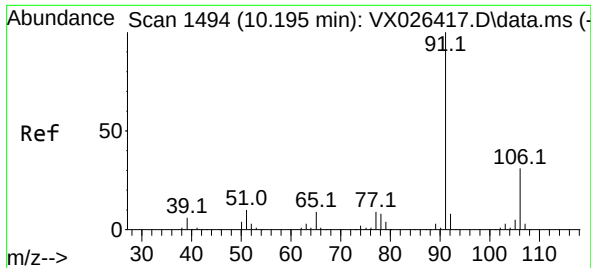
Tgt Ion: 95 Resp: 85431
Ion Ratio Lower Upper
95 100
174 76.4 0.0 148.6
176 73.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 117 Resp: 182281
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.1 26.2 39.2

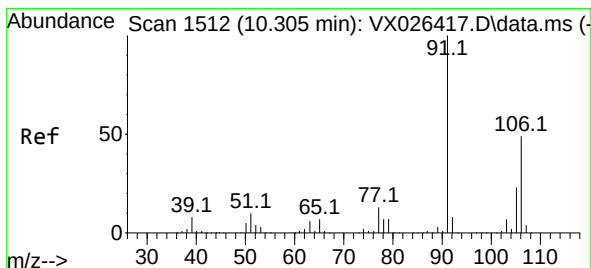
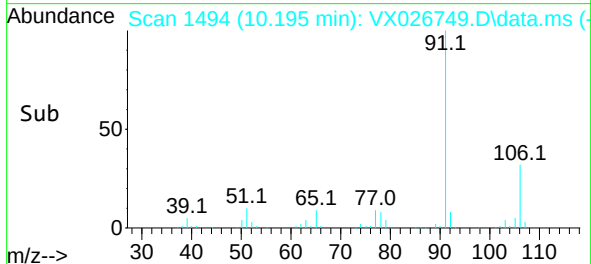
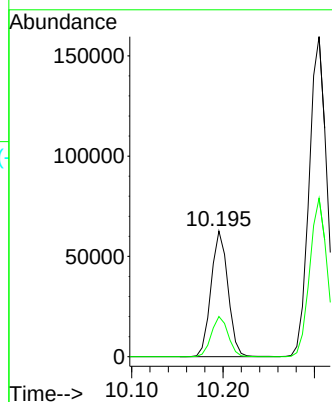
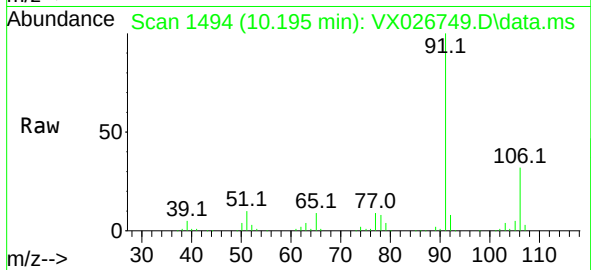




#67
Ethyl Benzene
Concen: 11.533 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

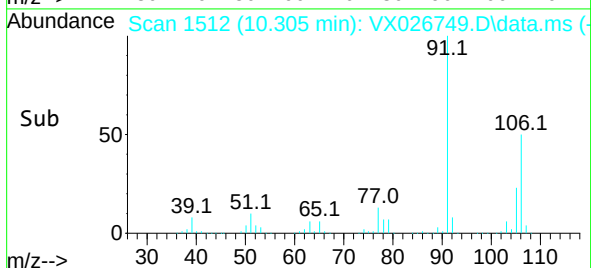
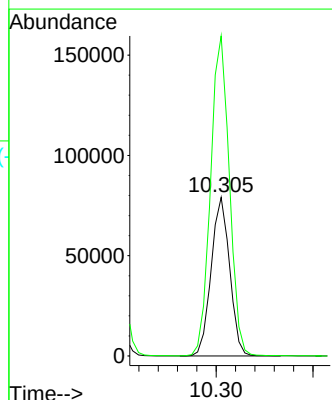
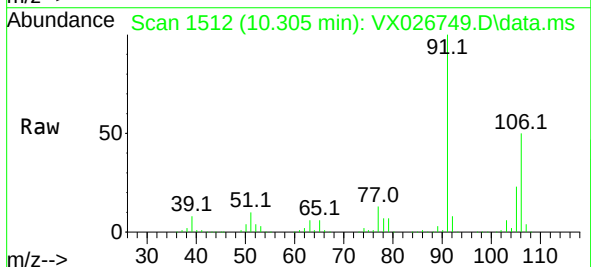
Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

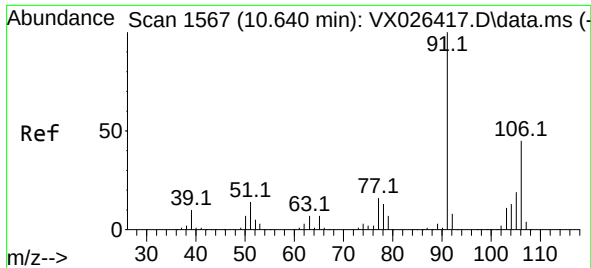
Tgt Ion: 91 Resp: 80452
Ion Ratio Lower Upper
91 100
106 32.0 24.7 37.1



#68
m/p-Xylenes
Concen: 40.253 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:106 Resp: 105078
Ion Ratio Lower Upper
106 100
91 205.1 165.3 247.9

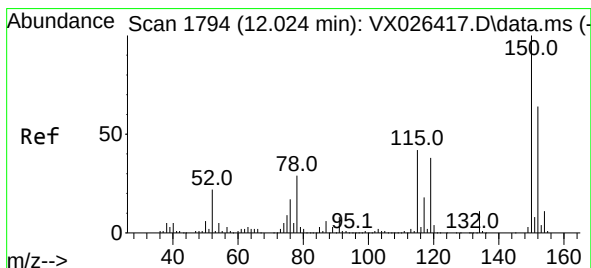
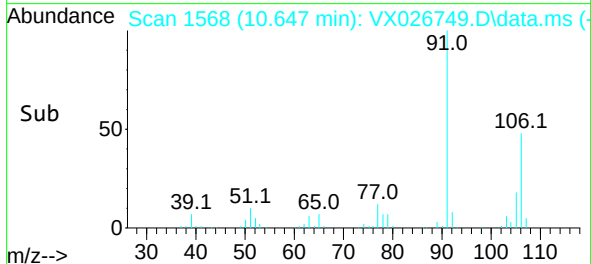
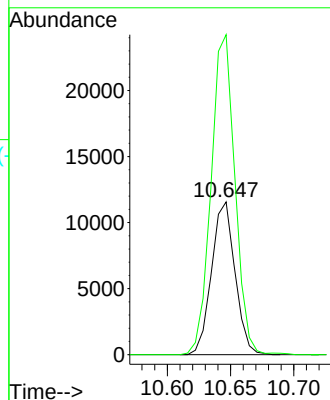
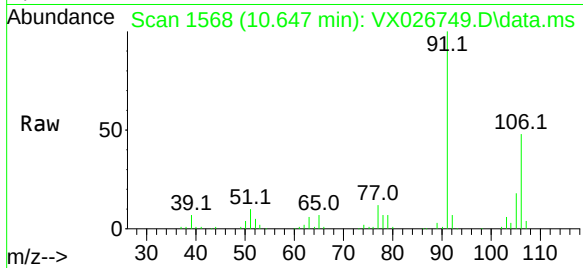




#69
o-Xylene
Concen: 5.915 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

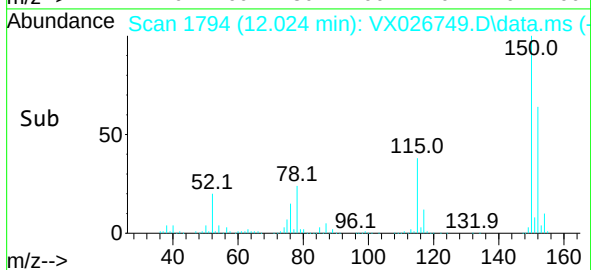
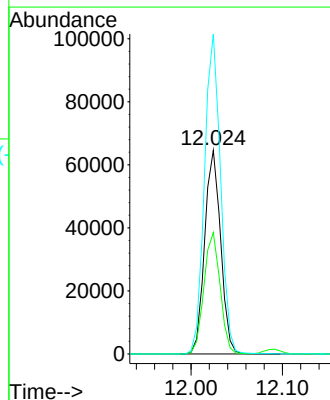
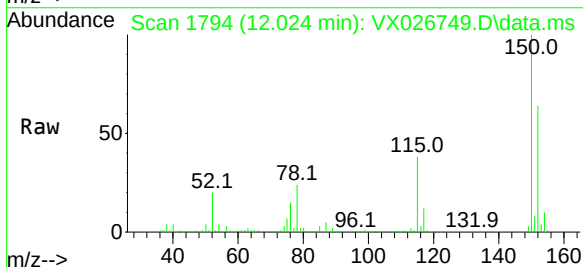
Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

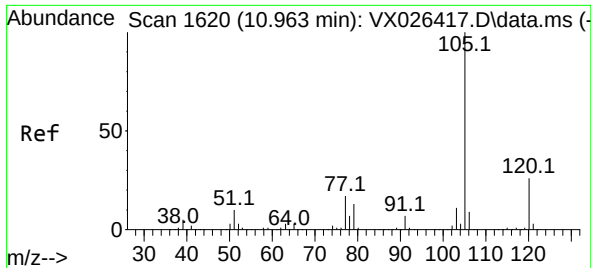
Tgt Ion:106 Resp: 14899
Ion Ratio Lower Upper
106 100
91 213.4 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion:152 Resp: 78194
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 157.9 0.0 348.2

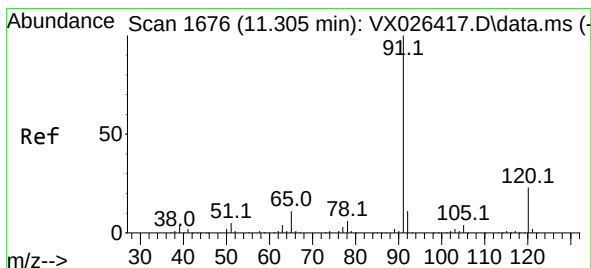
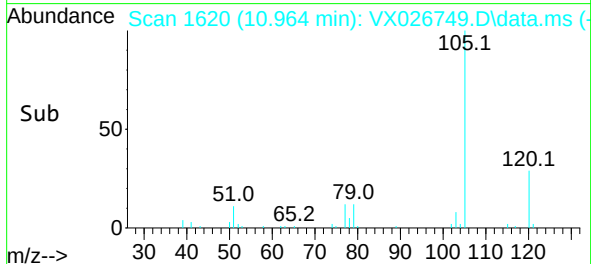
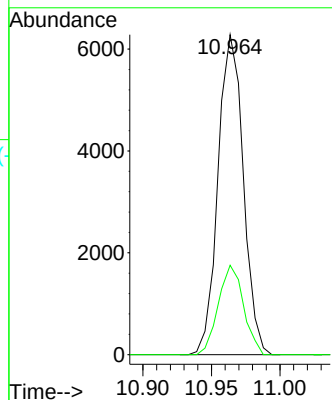
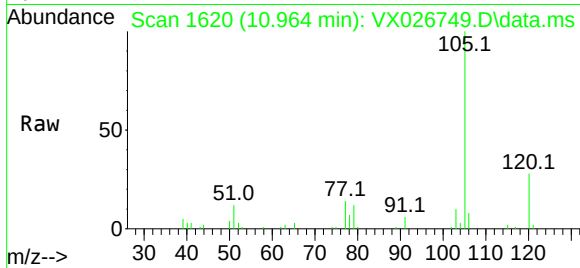




#73
Isopropylbenzene
Concen: 1.257 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

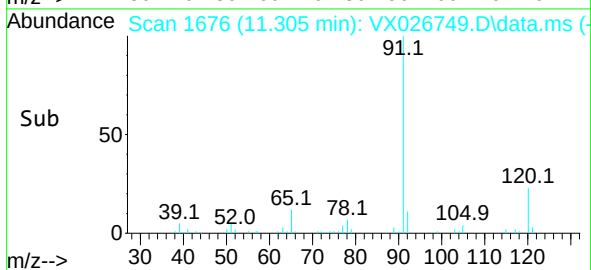
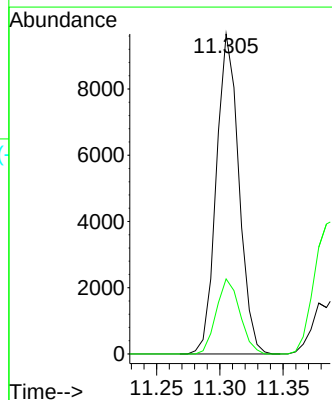
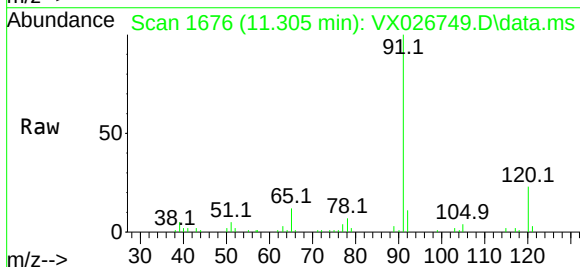
Instrument :
MSVOA_X
ClientSampleId :
INF0222DL

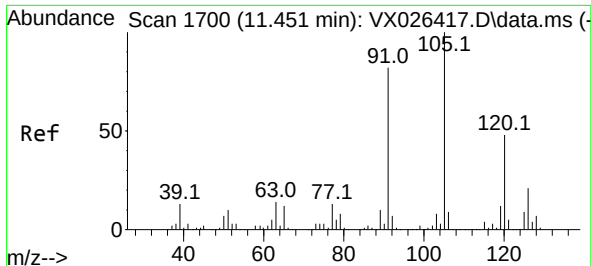
Tgt Ion:105 Resp: 8058
Ion Ratio Lower Upper
105 100
120 27.8 13.1 39.1



#78
n-propylbenzene
Concen: 1.638 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Tgt Ion: 91 Resp: 11971
Ion Ratio Lower Upper
91 100
120 24.5 11.6 34.7

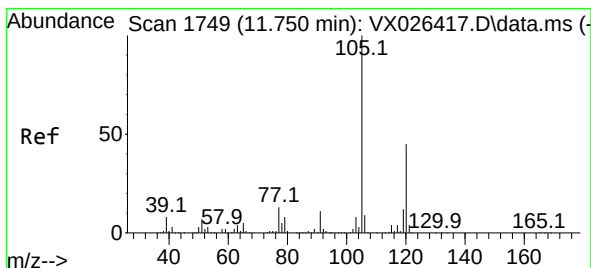
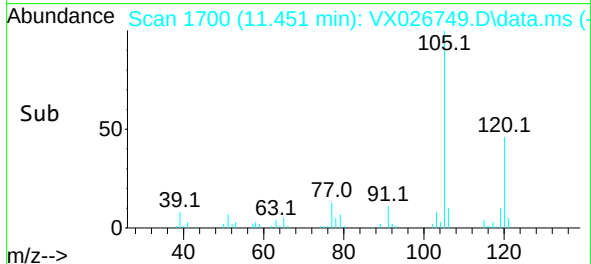
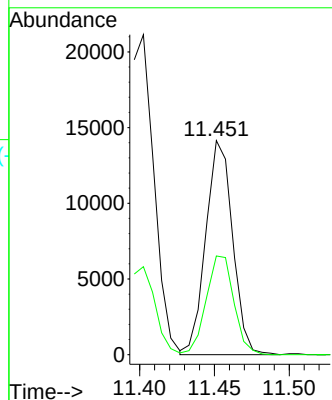
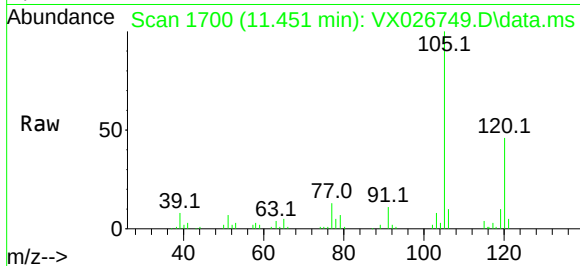




#80
 1,3,5-Trimethylbenzene
 Concen: 3.344 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX026749.D
 Acq: 02 Feb 2022 20:02

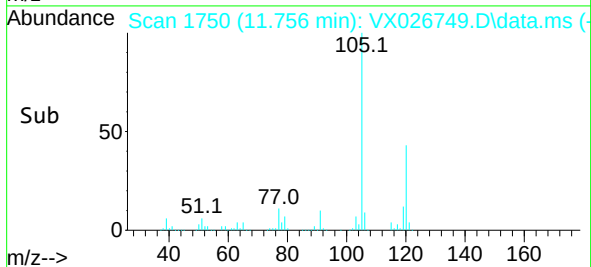
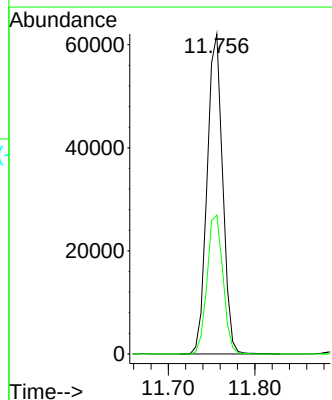
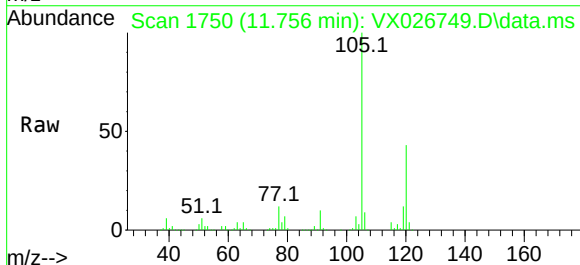
Instrument :
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 ClientSampleId :
 INF0222DL

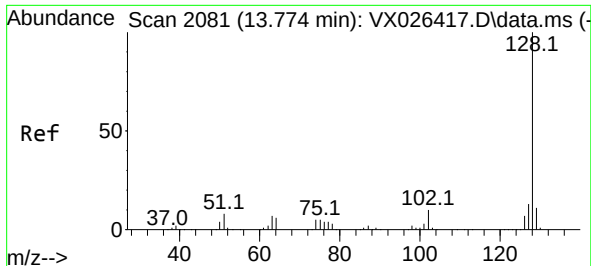
Tgt Ion:105 Resp: 17672
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.0 72.0



#84
 1,2,4-Trimethylbenzene
 Concen: 14.627 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX026749.D
 Acq: 02 Feb 2022 20:02

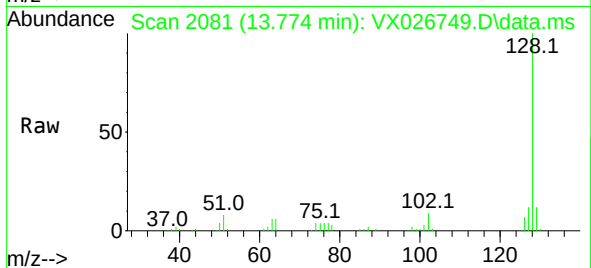
Tgt Ion:105 Resp: 77304
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.9 65.5





#95
Naphthalene
Concen: 5.800 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026749.D
Acq: 02 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
INF0222DL



Tgt Ion:128 Resp: 32260
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.7 13.1

