

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027404.D
 Acq On : 11 Mar 2022 16:06
 Operator : JC/MD
 Sample : N1815-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-1DL

Quant Time: Mar 11 23:12:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

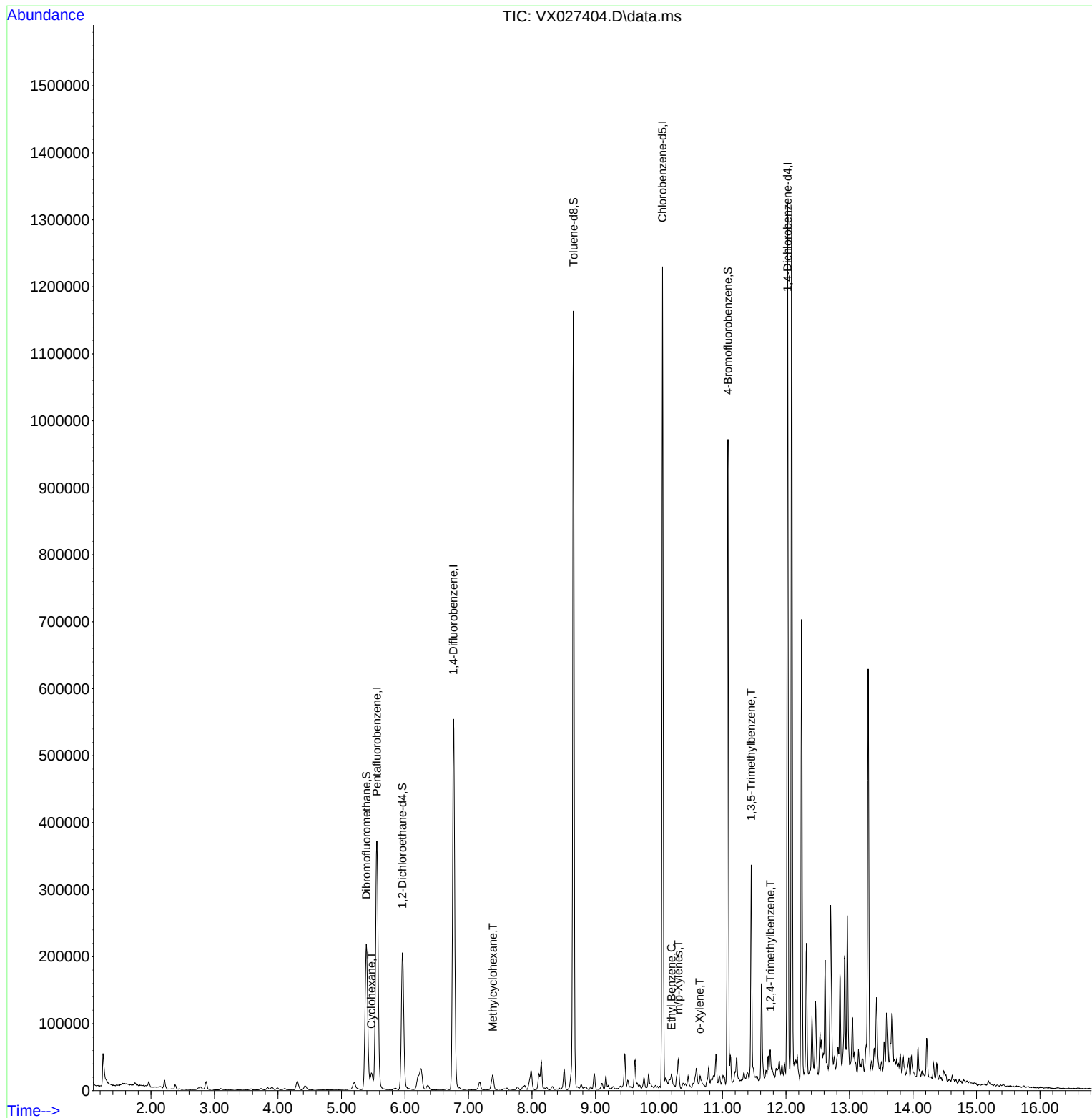
Internal Standards						
1) Pentafluorobenzene	5.556	168	384532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	617850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	582055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	277686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197586	44.062	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.120%
35) Dibromofluoromethane	5.391	113	196645	49.325	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.640%
50) Toluene-d8	8.653	98	730550	48.538	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.085	95	272713	47.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.080%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.471	56	15437	2.461	ug/l	91
39) Methylcyclohexane	7.385	83	9419	1.348	ug/l	93
67) Ethyl Benzene	10.195	91	5645	0.267	ug/l	100
68) m/p-Xylenes	10.305	106	8222	0.993	ug/l	100
69) o-Xylene	10.640	106	2493	0.305	ug/l	88
80) 1,3,5-Trimethylbenzene	11.451	105	145804	8.374	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	7136	0.413	ug/l	97

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

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ClientSampleId :
PW-1DL

Quant Time: Mar 11 23:12:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

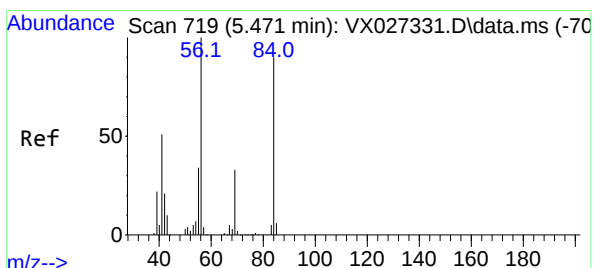
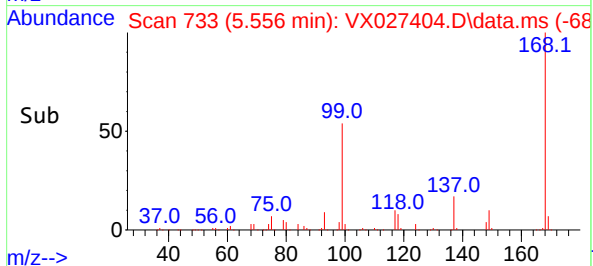
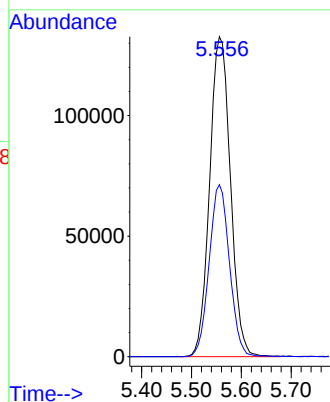
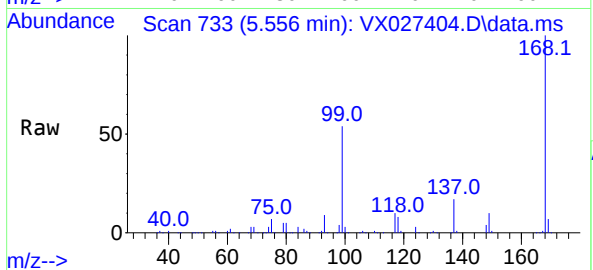




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

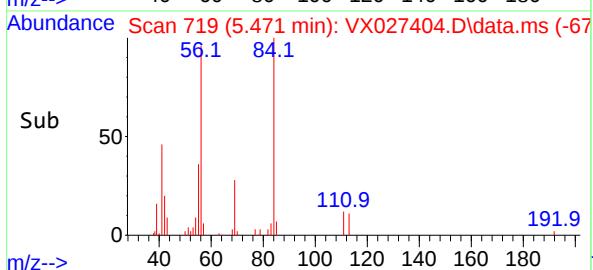
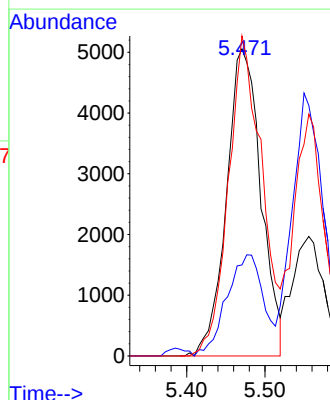
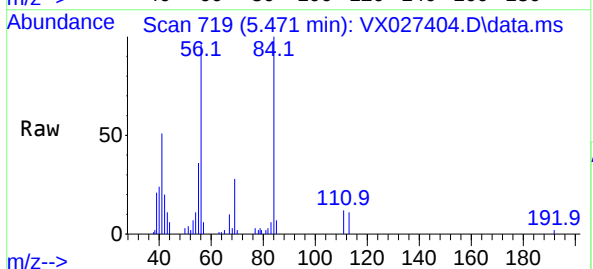
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

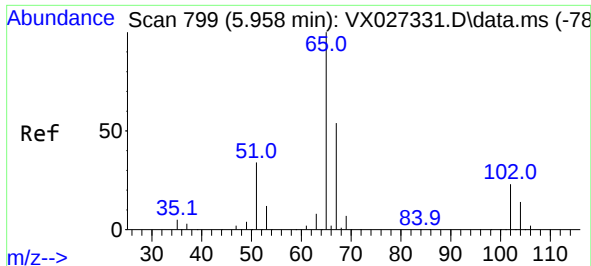
Tgt Ion:168 Resp: 384532
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5



#31
Cyclohexane
Concen: 2.461 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

Tgt Ion: 56 Resp: 15437
Ion Ratio Lower Upper
56 100
69 27.5 26.7 40.1
84 104.2 77.2 115.8

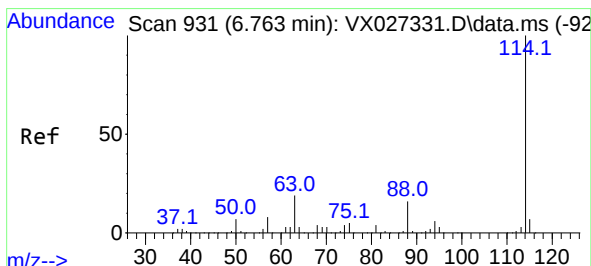
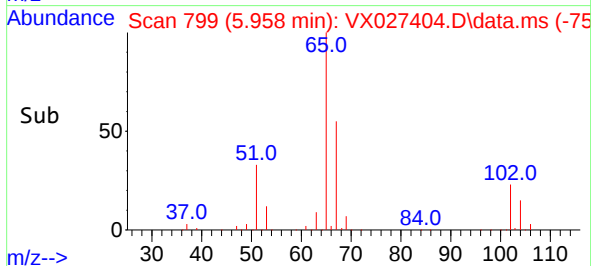
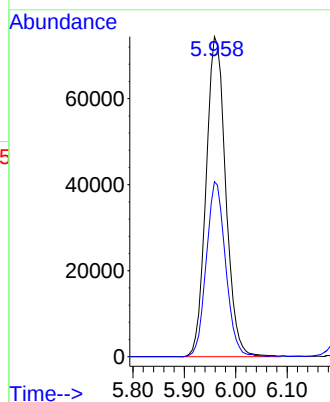
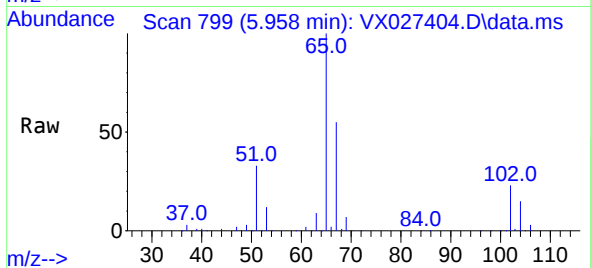




#33
1,2-Dichloroethane-d4
Concen: 44.062 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

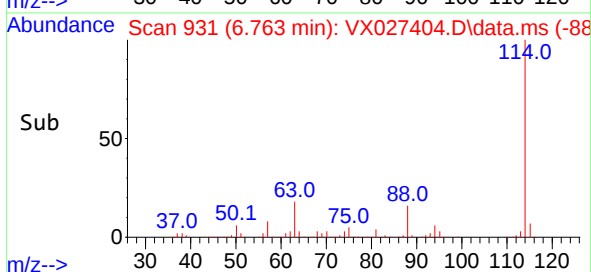
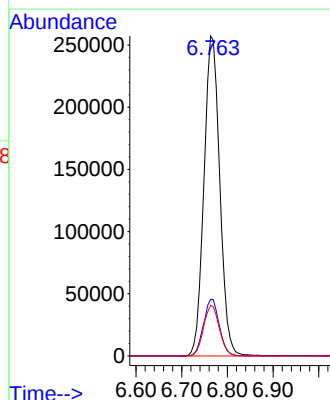
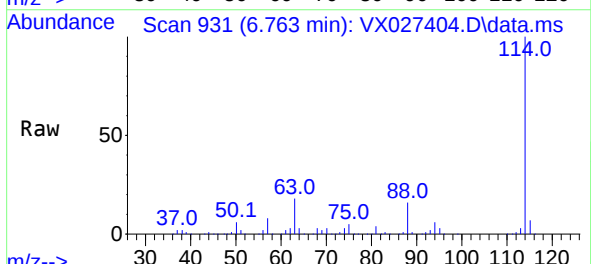
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

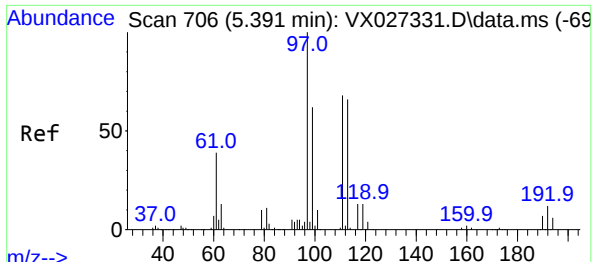
Tgt Ion: 65 Resp: 197586
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

Tgt Ion: 114 Resp: 617850
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.9 0.0 32.4

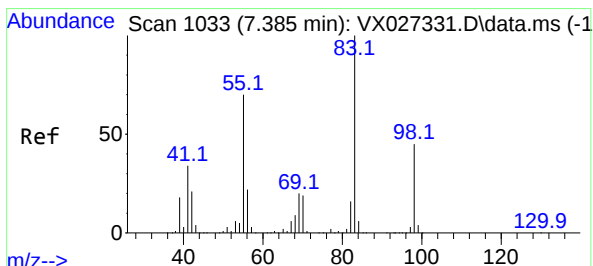
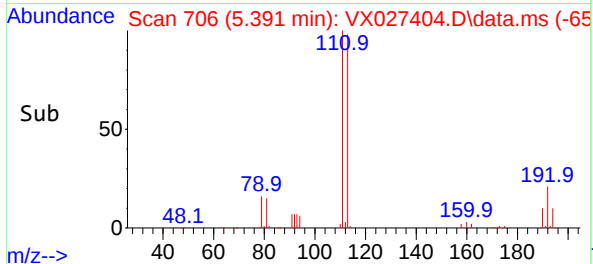
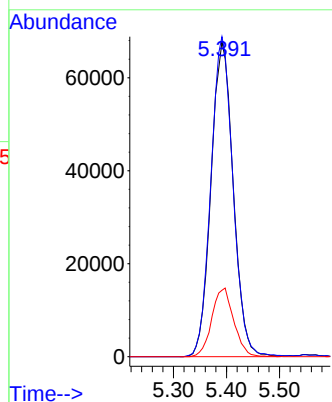
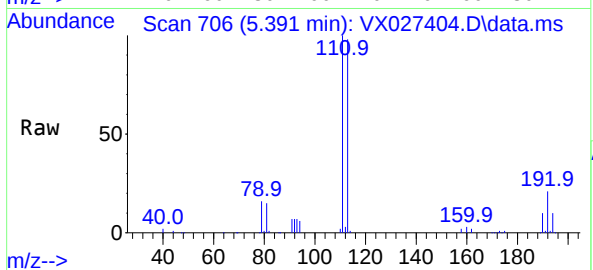




#35
Dibromofluoromethane
Concen: 49.325 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

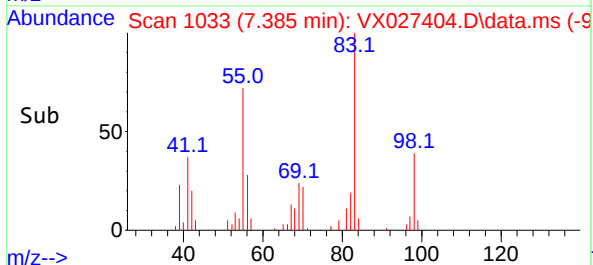
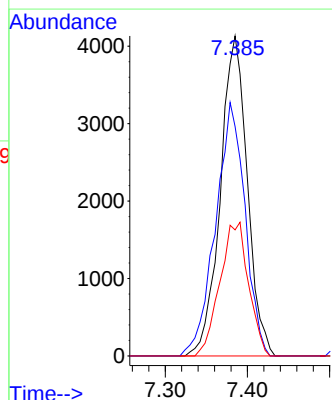
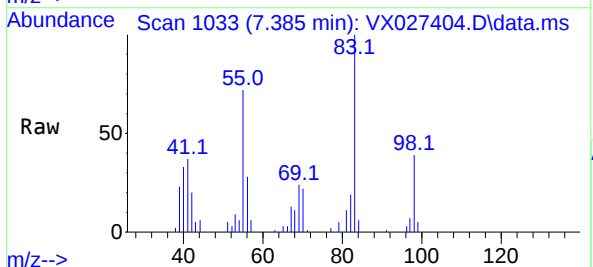
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

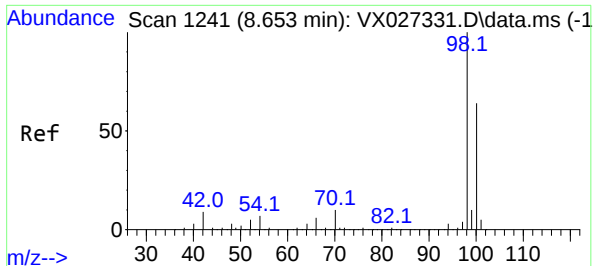
Tgt Ion:113 Resp: 196645
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 21.5 16.9 25.3



#39
Methylcyclohexane
Concen: 1.348 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

Tgt Ion: 83 Resp: 9419
Ion Ratio Lower Upper
83 100
55 71.7 54.6 81.8
98 39.4 37.4 56.2

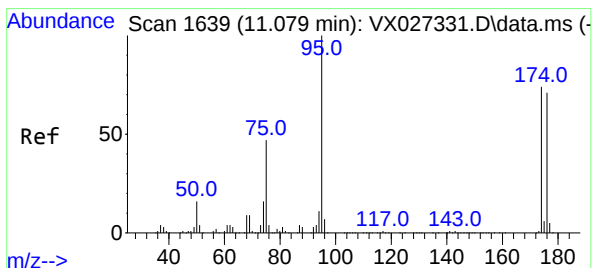
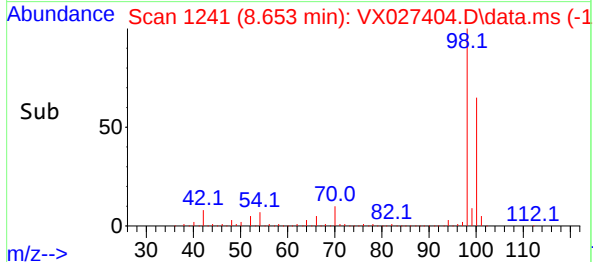
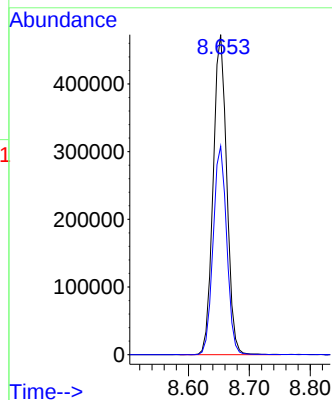
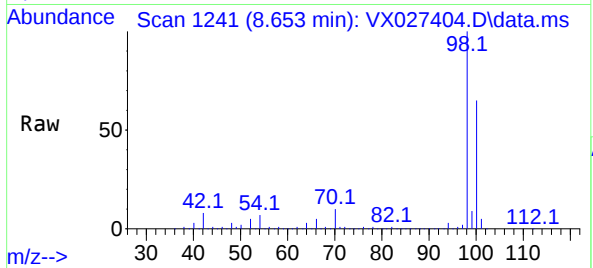




#50
Toluene-d8
Concen: 48.538 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

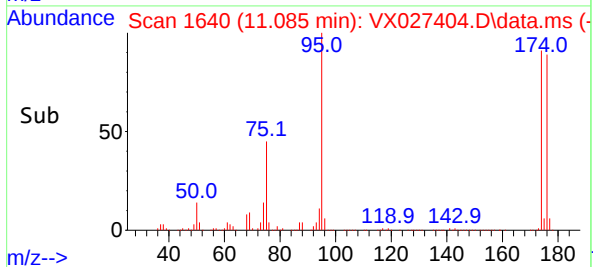
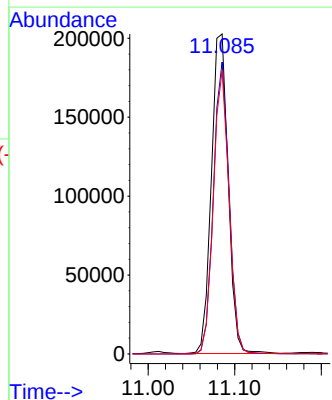
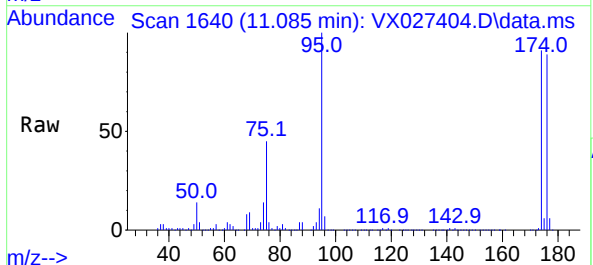
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

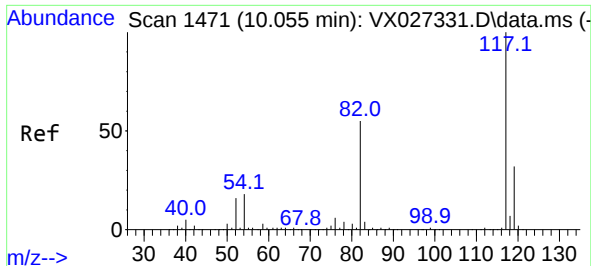
Tgt Ion: 98 Resp: 730550
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.541 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

Tgt Ion: 95 Resp: 272713
Ion Ratio Lower Upper
95 100
174 85.5 0.0 163.0
176 83.0 0.0 155.0

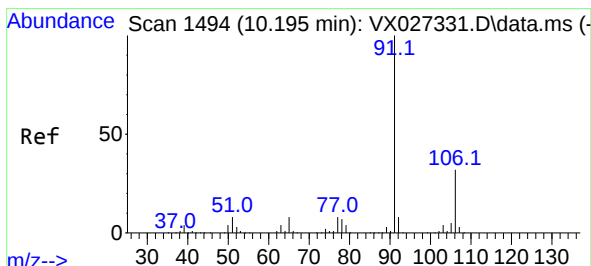
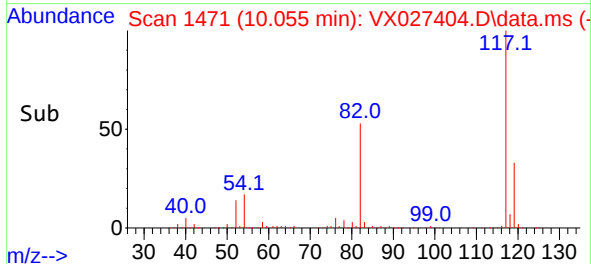
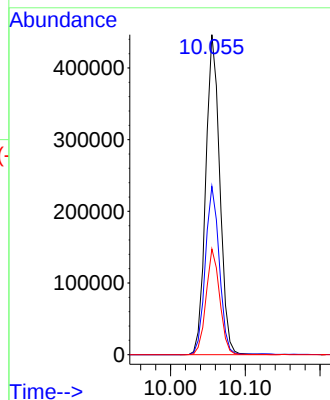
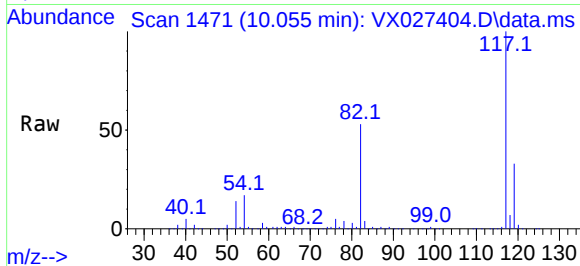




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

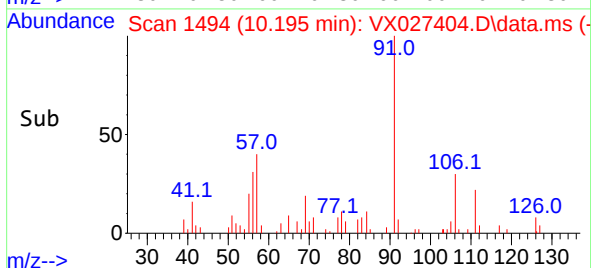
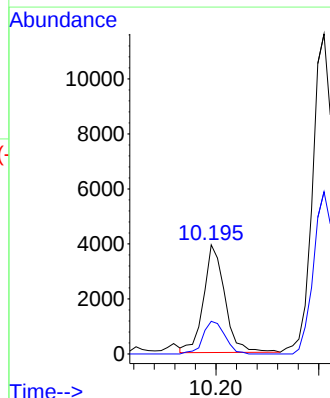
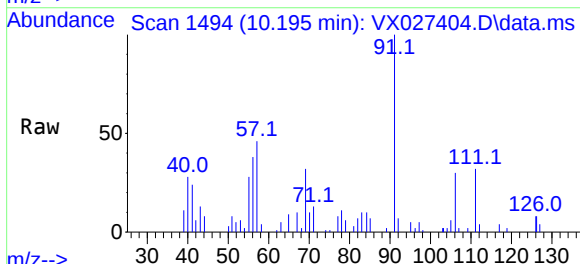
Instrument :
MSVOA_X
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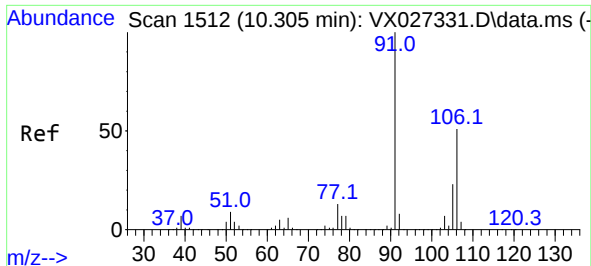
Tgt Ion:117 Resp: 582055
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 33.1 24.8 37.2



#67
Ethyl Benzene
Concen: 0.267 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

Tgt Ion: 91 Resp: 5645
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

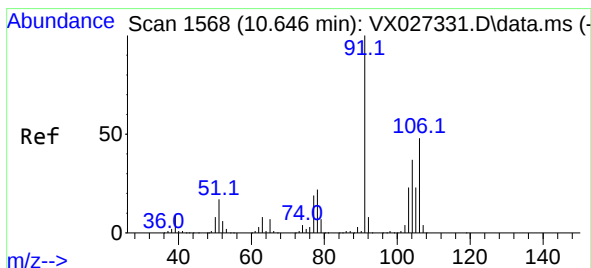
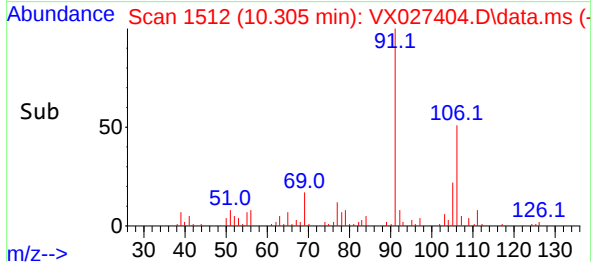
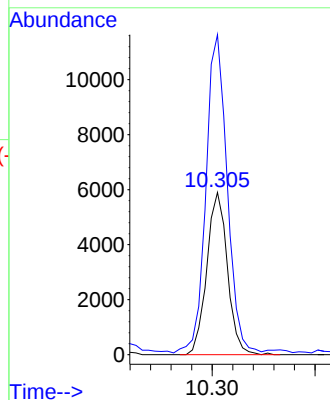
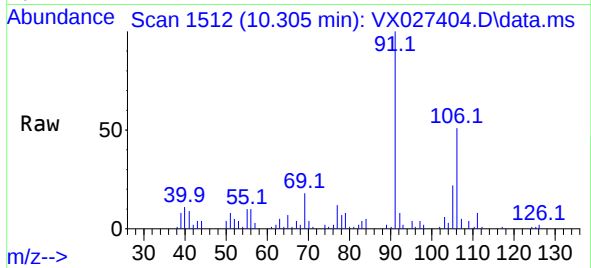




#68
m/p-Xylenes
Concen: 0.993 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

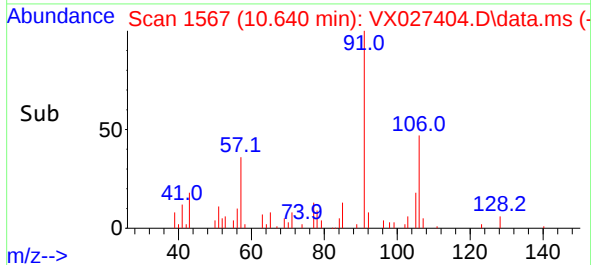
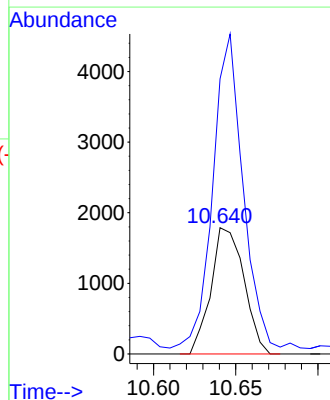
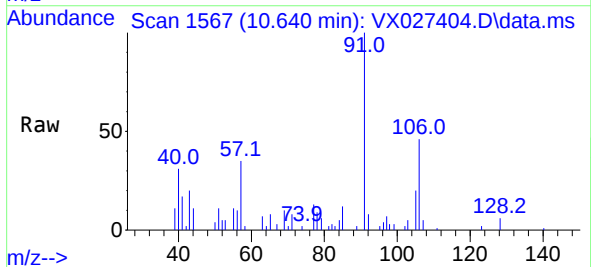
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ClientSampleId :
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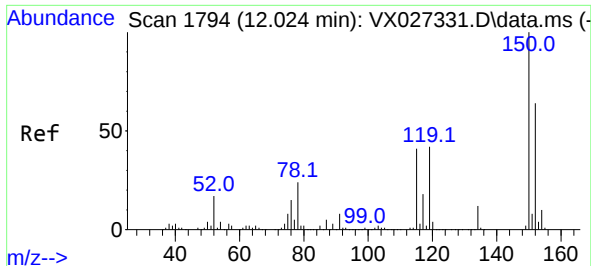
Tgt Ion:106 Resp: 8222
Ion Ratio Lower Upper
106 100
91 201.2 160.4 240.6



#69
o-Xylene
Concen: 0.305 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

Tgt Ion:106 Resp: 2493
Ion Ratio Lower Upper
106 100
91 231.6 106.1 318.1

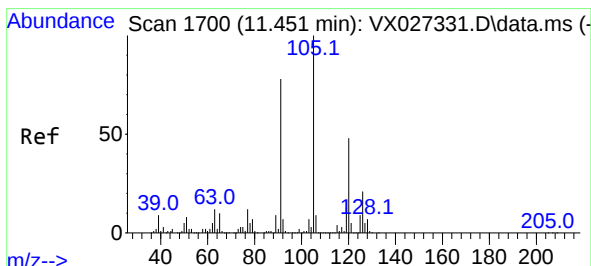
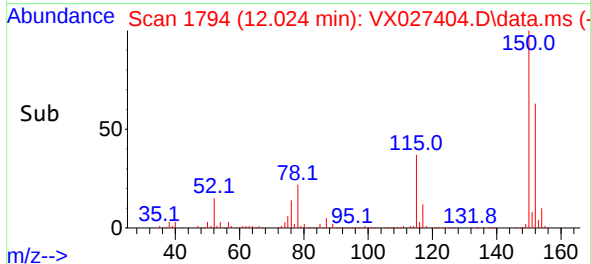
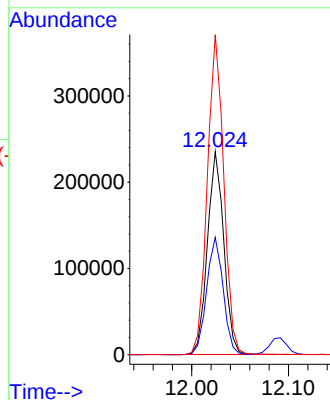
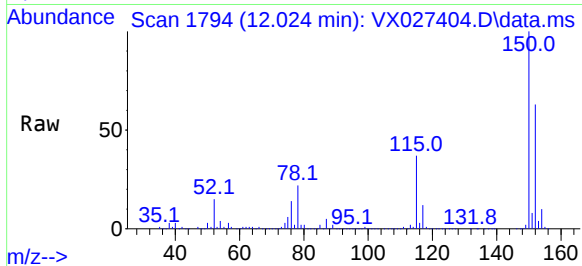




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

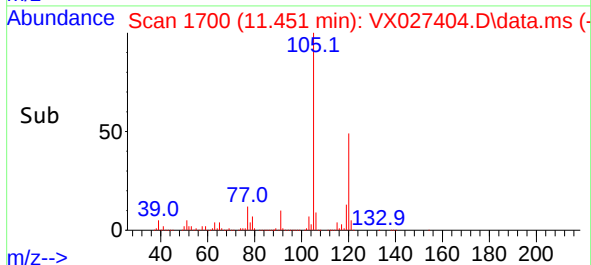
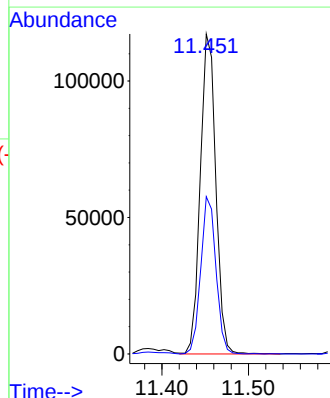
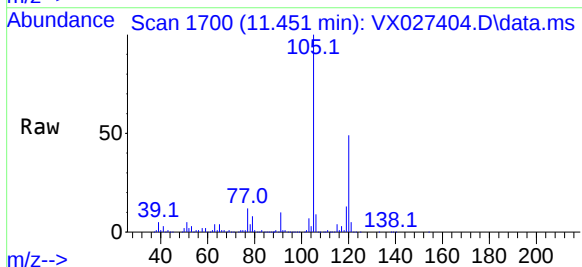
Instrument :
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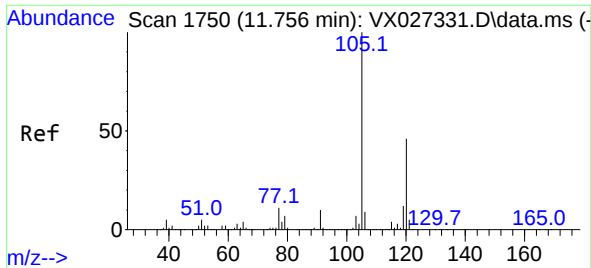
Tgt Ion:152 Resp: 277686
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 158.2 0.0 338.2



#80
1,3,5-Trimethylbenzene
Concen: 8.374 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027404.D
Acq: 11 Mar 2022 16:06

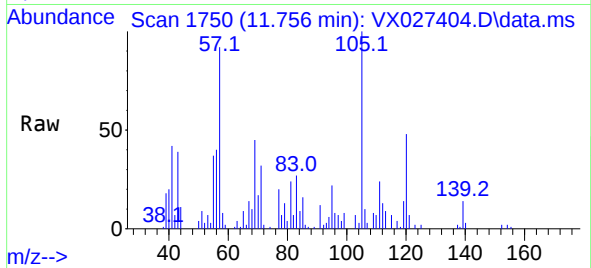
Tgt Ion:105 Resp: 145804
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





#84
 1,2,4-Trimethylbenzene
 Concen: 0.413 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027404.D
 Acq: 11 Mar 2022 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-1DL



Tgt Ion:105 Resp: 7136
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.6 67.8

