

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028116.D
 Acq On : 14 Apr 2022 18:45
 Operator : JC/MD
 Sample : N2403-06DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-46DL

Quant Time: Apr 15 03:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

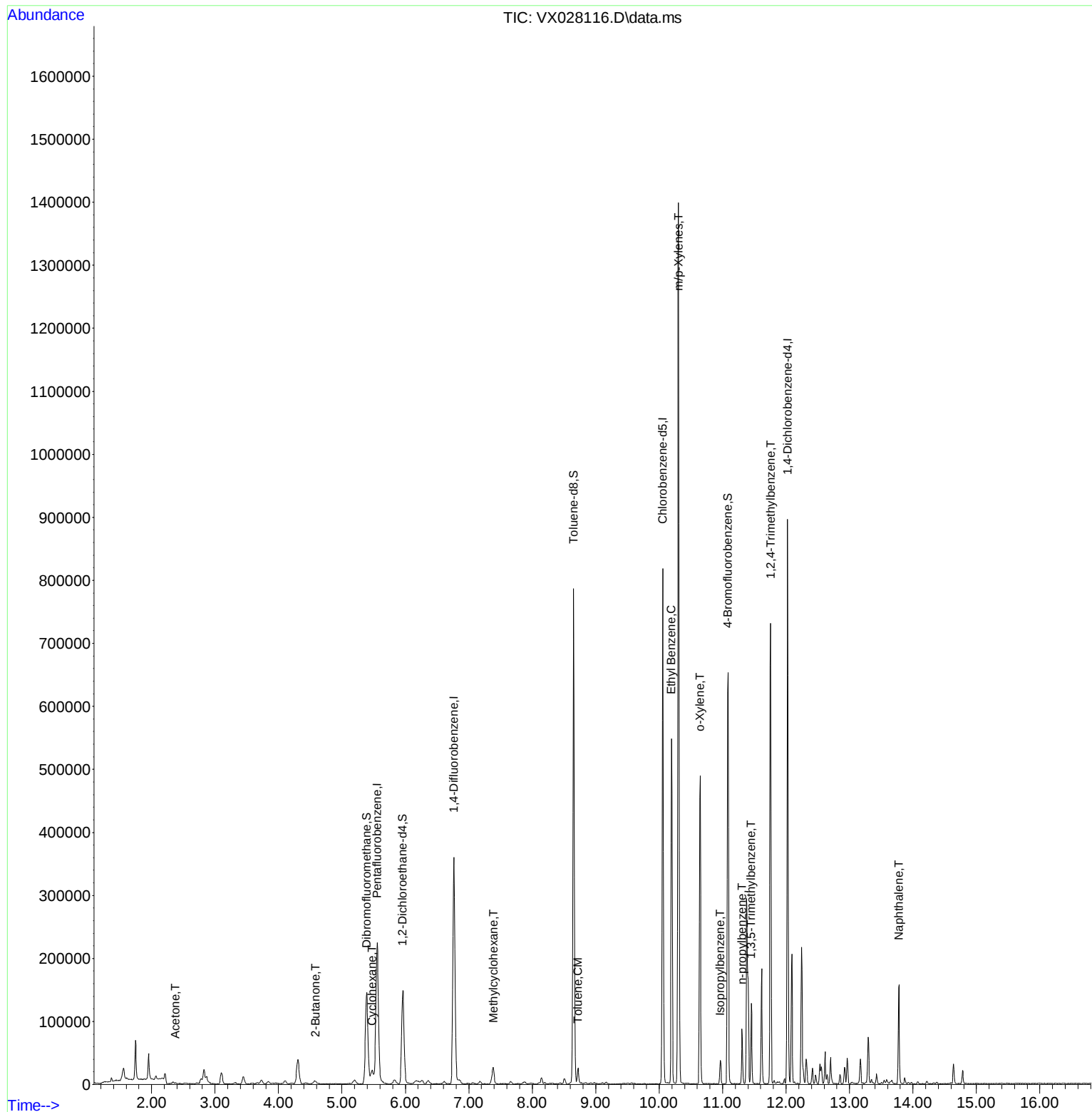
Internal Standards						
1) Pentafluorobenzene	5.556	168	215776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136621	46.670	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	93.340%	
35) Dibromofluoromethane	5.391	113	120113	49.187	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	98.380%	
50) Toluene-d8	8.653	98	454021	49.851	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	99.700%	
62) 4-Bromofluorobenzene	11.085	95	156187	45.930	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	91.860%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1979	1.623	ug/l #	75
25) 2-Butanone	4.586	43	1112	0.527	ug/l #	44
31) Cyclohexane	5.476	56	14343	3.563	ug/l	92
39) Methylcyclohexane	7.384	83	10890	2.472	ug/l #	91
52) Toluene	8.720	92	9601	1.328	ug/l	100
67) Ethyl Benzene	10.195	91	307287	22.583	ug/l	98
68) m/p-Xylenes	10.305	106	325400	57.270	ug/l	96
69) o-Xylene	10.646	106	105925	19.178	ug/l	99
73) Isopropylbenzene	10.963	105	19877	1.634	ug/l	99
78) n-propylbenzene	11.305	91	51687	3.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	52642	5.010	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	307220	29.864	ug/l	98
95) Naphthalene	13.780	128	99652	8.820	ug/l	99

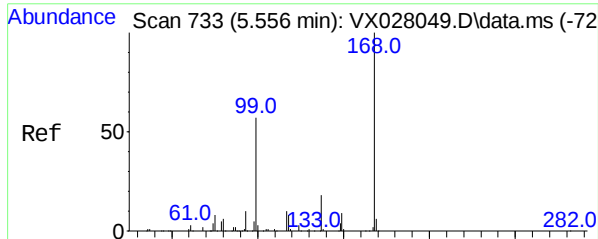
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX028116.D

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Instrument :

MSVOA_X

ClientSampleId :

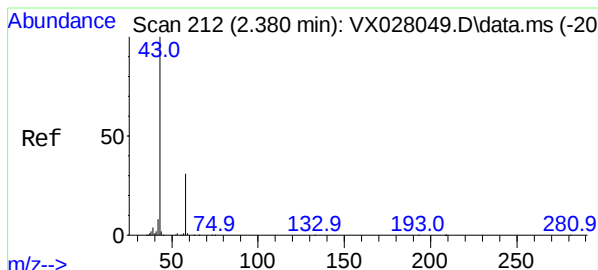
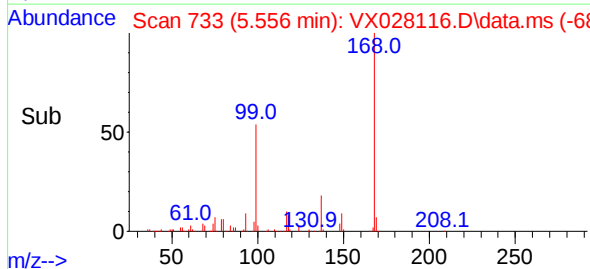
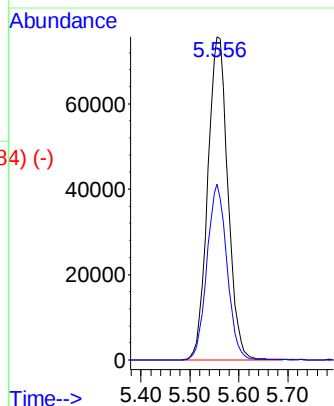
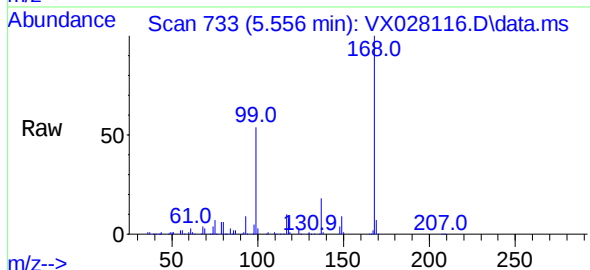
MW-46DL

Tgt Ion:168 Resp: 215776

Ion Ratio Lower Upper

168 100

99 54.4 41.7 62.5



Acetone

Concen: 1.623 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX028116.D

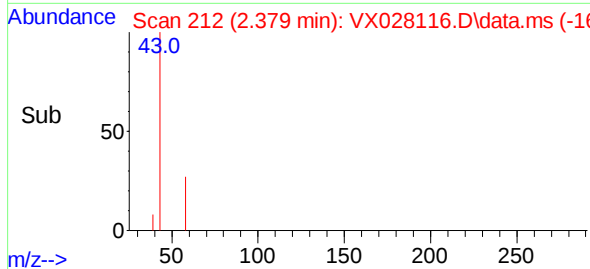
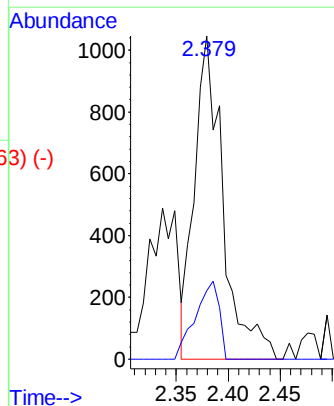
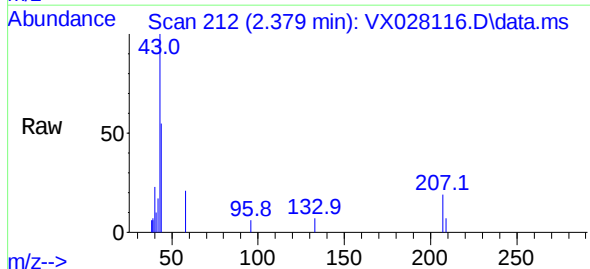
Acq: 14 Apr 2022 18:45

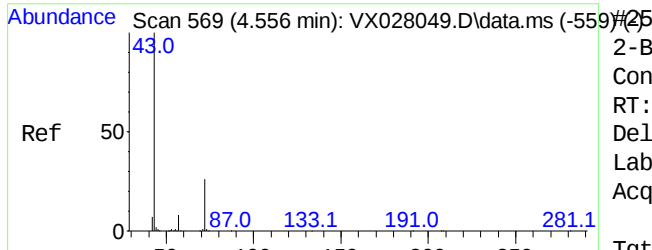
Tgt Ion: 43 Resp: 1979

Ion Ratio Lower Upper

43 100

58 21.1 28.8 43.2#





2-Butanone

Concen: 0.527 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.030 min

Lab File: VX028116.D

Acq: 14 Apr 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

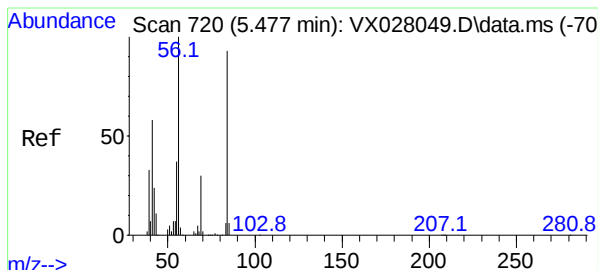
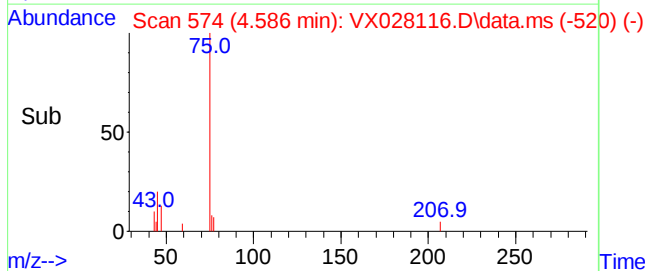
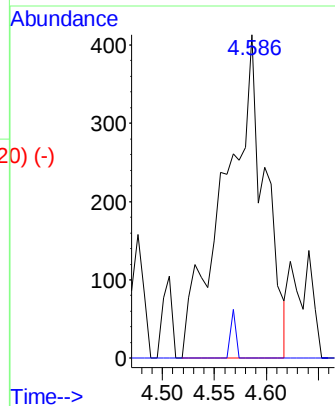
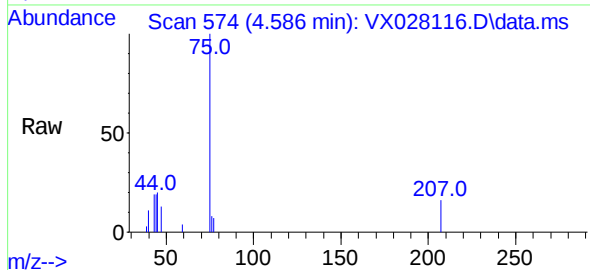
MW-46DL

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



Cyclohexane

Concen: 3.563 ug/l

RT: 5.476 min Scan# 720

Delta R.T. -0.001 min

Lab File: VX028116.D

Acq: 14 Apr 2022 18:45

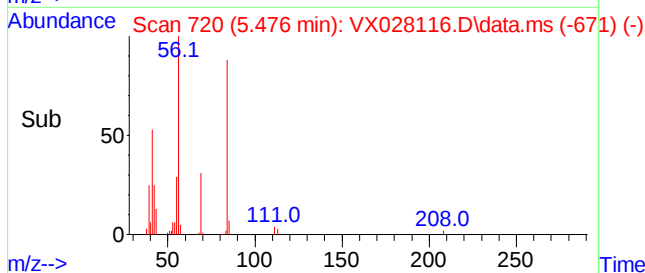
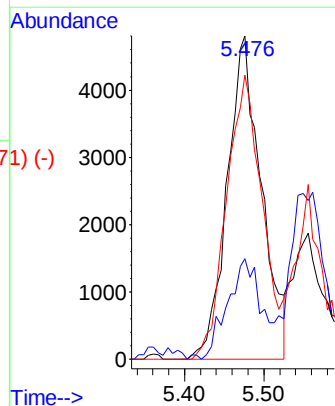
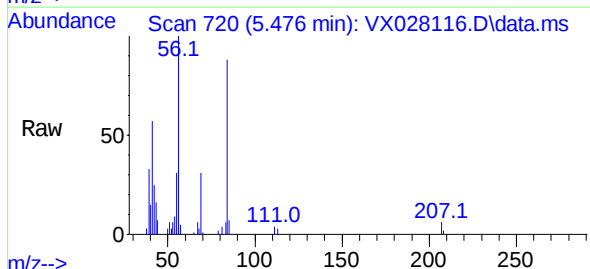
Tgt Ion: 56 Resp: 14343

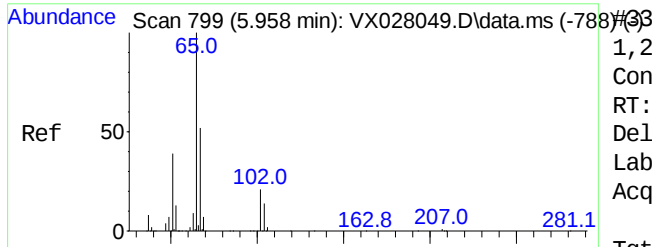
Ion Ratio Lower Upper

56 100

69 29.1 26.7 40.1

84 87.9 77.2 115.8

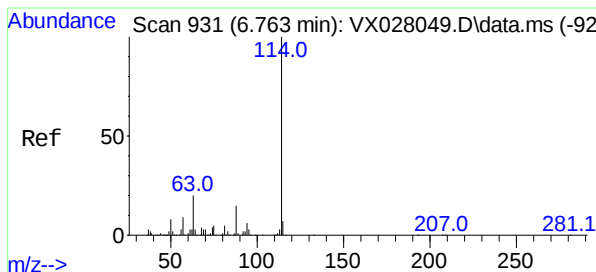
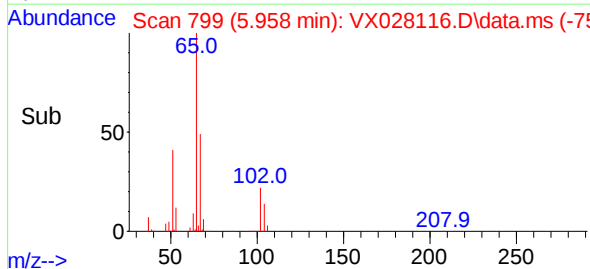
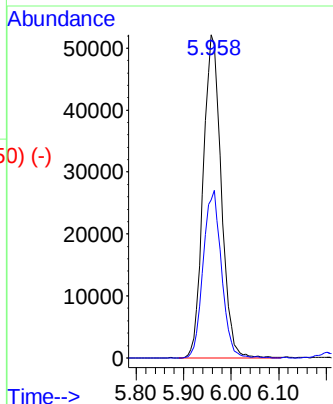
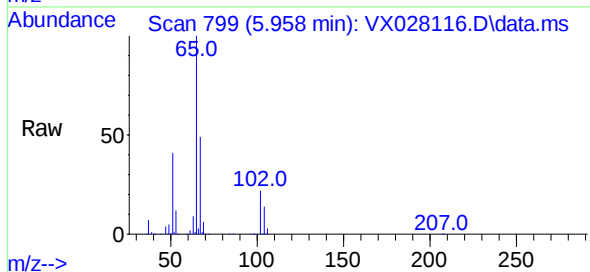




1,2-Dichloroethane-d4
Concen: 46.670 ug/l
RT: 5.958 min Scan#
Delta R.T. -0.000 min
Lab File: VX028116.D
Acq: 14 Apr 2022 18:45

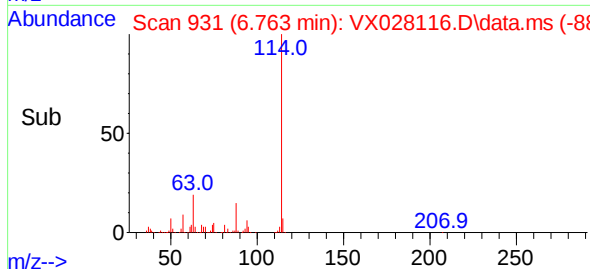
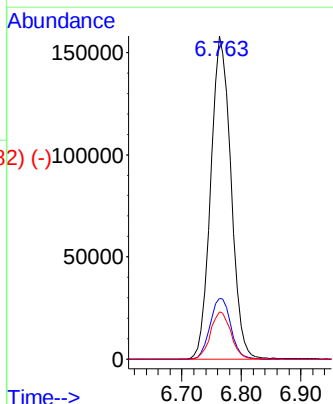
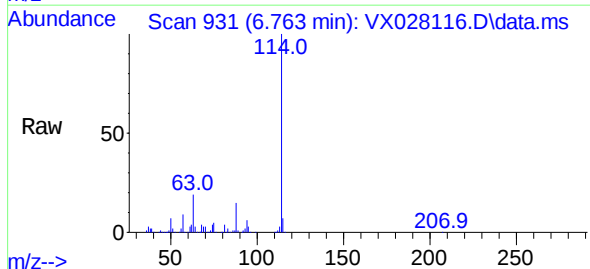
Instrument :
MSVOA_X
ClientSampleId :
MW-46DL

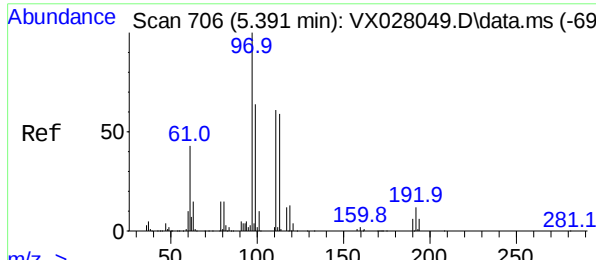
Tgt Ion: 65 Resp: 136621
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028116.D
Acq: 14 Apr 2022 18:45

Tgt Ion: 114 Resp: 372666
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 14.6 0.0 32.4

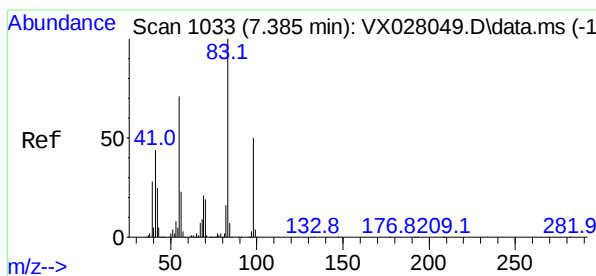
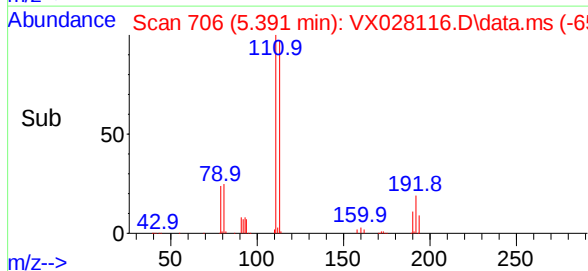
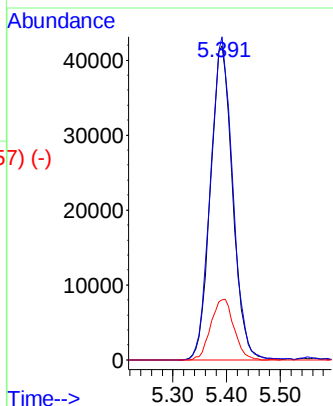
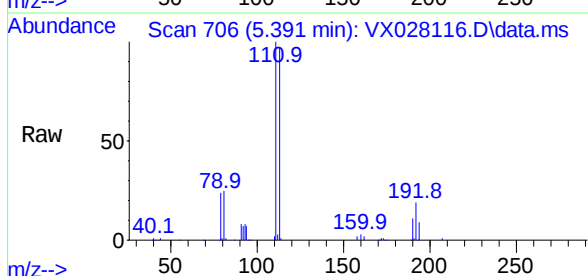




Scan 706 (5.391 min): VX028049.D\data.ms (-692) (-)
 Dibromofluoromethane
 Concen: 49.187 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX028116.D
 Acq: 14 Apr 2022 18:45

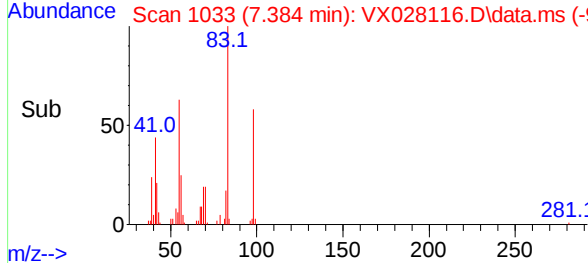
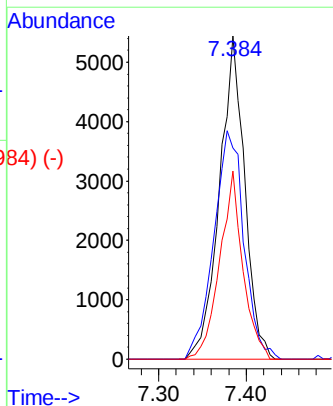
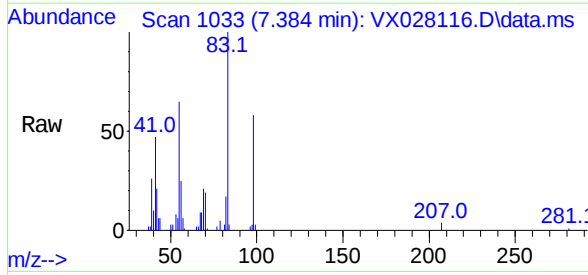
Instrument : MSVOA_X
 ClientSampleId : MW-46DL

Tgt Ion:	113	Resp:	120113
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	20.1	16.9	25.3

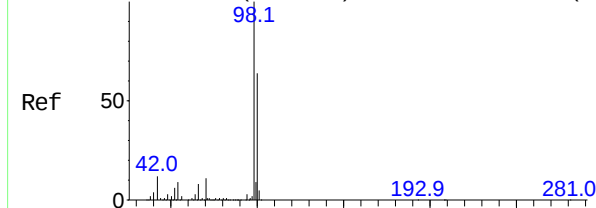


Scan 1033 (7.385 min): VX028049.D\data.ms (-1023) (-)
 Methylcyclohexane
 Concen: 2.472 ug/l
 RT: 7.384 min Scan# 1033
 Delta R.T. -0.001 min
 Lab File: VX028116.D
 Acq: 14 Apr 2022 18:45

Tgt Ion:	83	Resp:	10890
Ion	Ratio	Lower	Upper
83	100		
55	65.3	54.6	81.8
98	58.1	37.4	56.2#



Abundance Scan 1241 (8.653 min): VX028049.D\data.ms (-1235)



Toluene-d8

Concen: 49.851 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028116.D

Acq: 14 Apr 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

MW-46DL

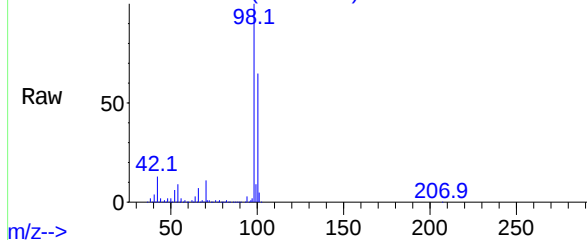
Tgt Ion: 98 Resp: 454021

Ion Ratio Lower Upper

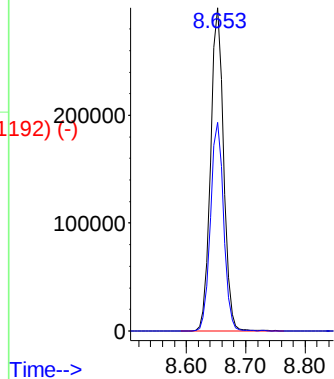
98 100

100 65.2 52.6 78.8

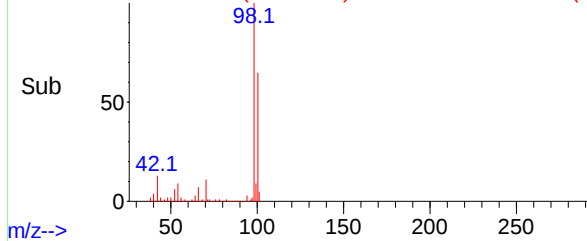
Abundance Scan 1241 (8.653 min): VX028116.D\data.ms



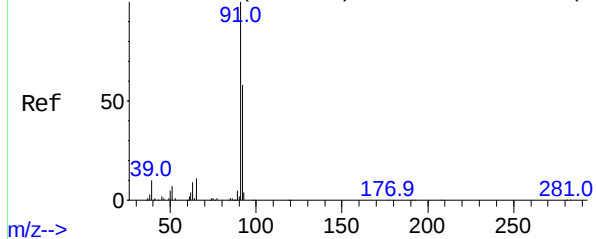
Abundance



Abundance Scan 1241 (8.653 min): VX028116.D\data.ms (-1192) (-)



Abundance Scan 1252 (8.720 min): VX028049.D\data.ms (-1245)



Toluene

Concen: 1.328 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028116.D

Acq: 14 Apr 2022 18:45

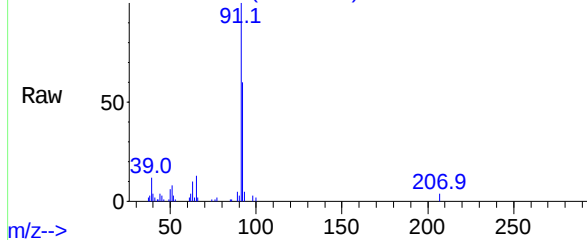
Tgt Ion: 92 Resp: 9601

Ion Ratio Lower Upper

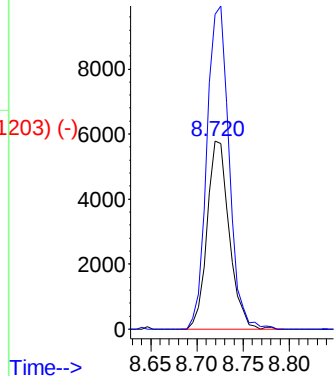
92 100

91 172.2 137.5 206.3

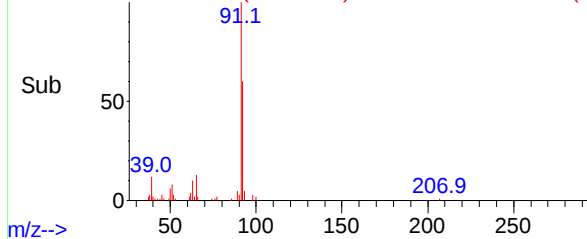
Abundance Scan 1252 (8.720 min): VX028116.D\data.ms

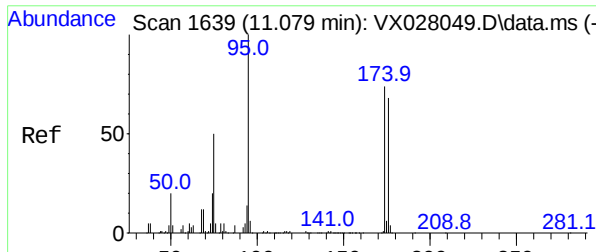


Abundance



Abundance Scan 1252 (8.720 min): VX028116.D\data.ms (-1203) (-)

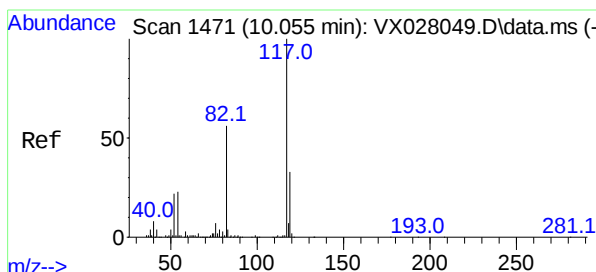
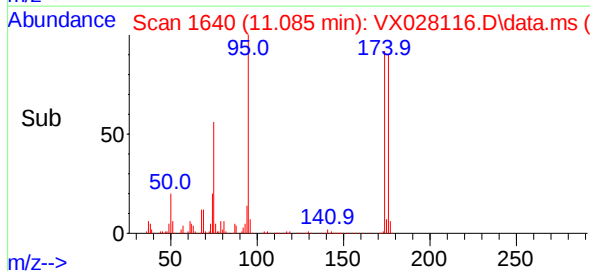
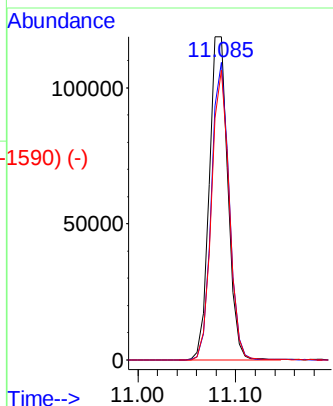
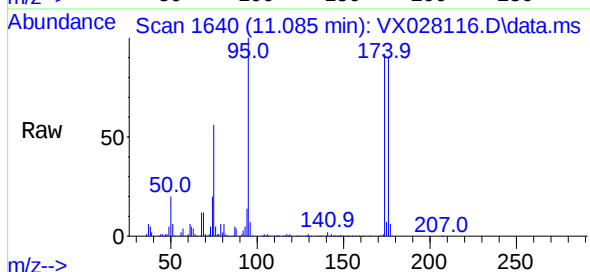




4-Bromofluorobenzene
 Concen: 45.930 ug/l
 RT: 11.085 min Scan# 1639
 Delta R.T. 0.006 min
 Lab File: VX028116.D
 Acq: 14 Apr 2022 18:45

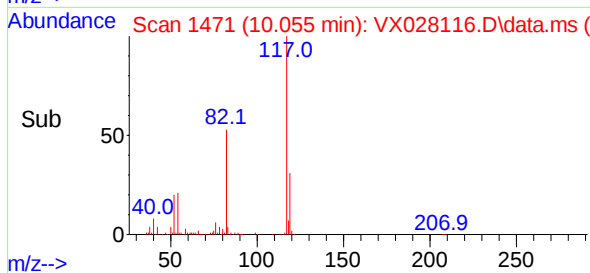
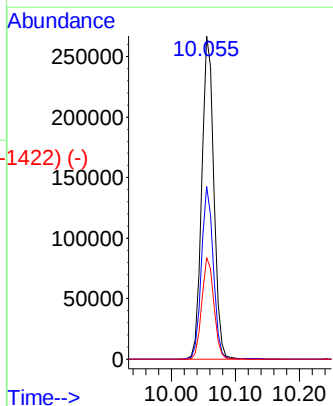
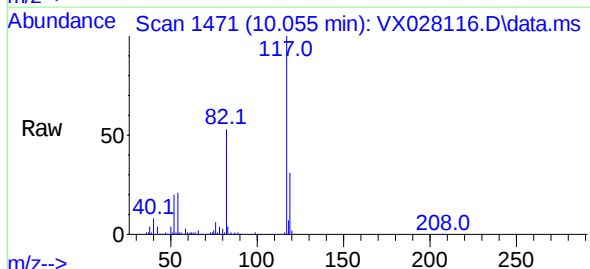
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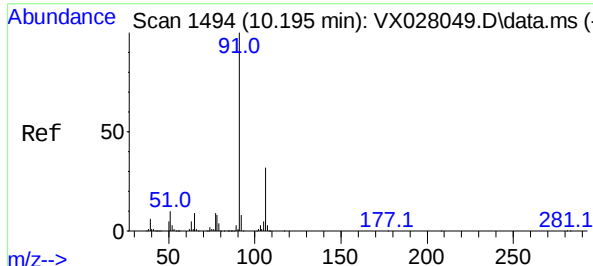
Tgt Ion:	95	Resp:	156187
Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	163.0
176	85.1	0.0	155.0



Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX028116.D
 Acq: 14 Apr 2022 18:45

Tgt Ion:	117	Resp:	354130
Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.8
119	31.4	24.8	37.2

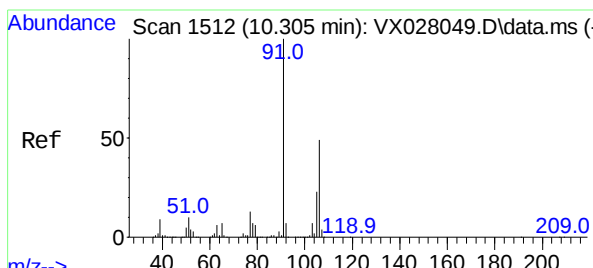
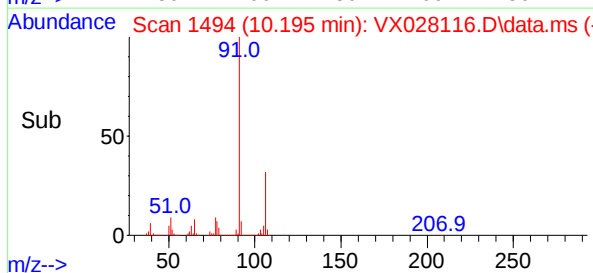
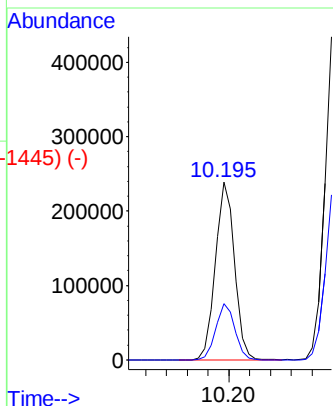
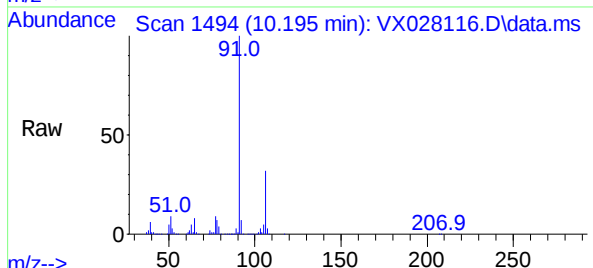




Ethyl Benzene
 Concen: 22.583 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. -0.000 min
 Lab File: VX028116.D
 Acq: 14 Apr 2022 18:45

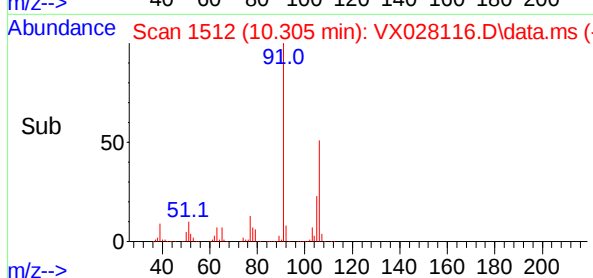
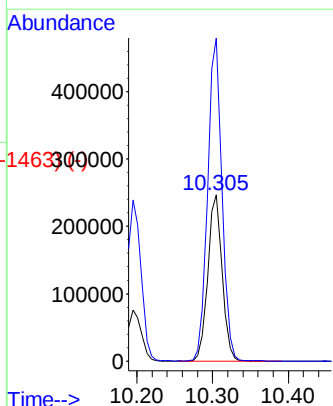
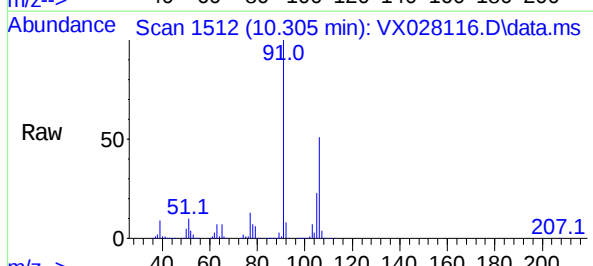
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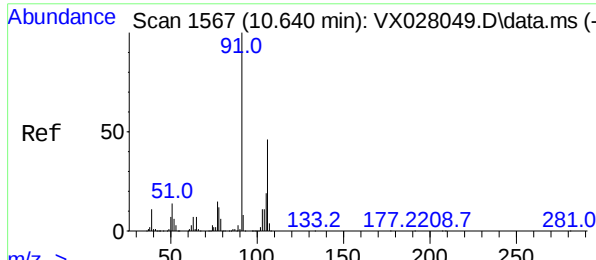
Tgt Ion: 91 Resp: 307287
 Ion Ratio Lower Upper
 91 100
 106 31.7 24.6 36.8



m/p-Xylenes
 Concen: 57.270 ug/l
 RT: 10.305 min Scan# 1512
 Delta R.T. -0.000 min
 Lab File: VX028116.D
 Acq: 14 Apr 2022 18:45

Tgt Ion: 106 Resp: 325400
 Ion Ratio Lower Upper
 106 100
 91 194.7 160.4 240.6

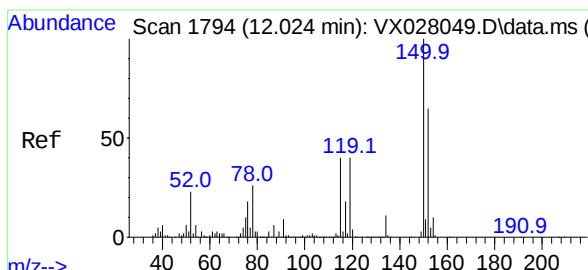
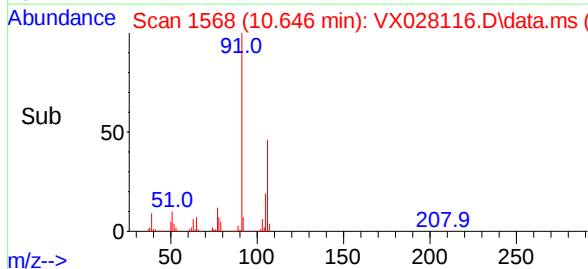
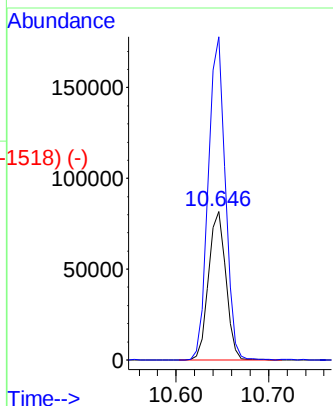
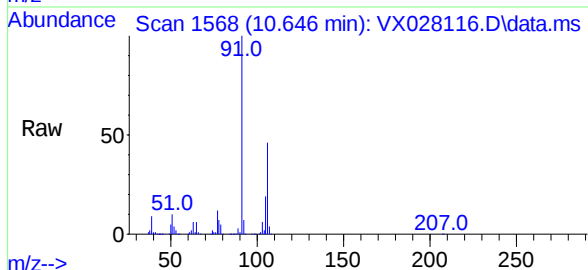




Scan 1567 (10.640 min): VX028049.D\data.ms (-1569) (-)
 o-Xylene
 Concen: 19.178 ug/l
 RT: 10.646 min Scan# 1569
 Delta R.T. 0.006 min
 Lab File: VX028116.D
 Acq: 14 Apr 2022 18:45

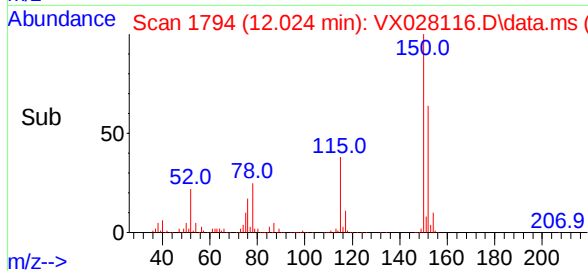
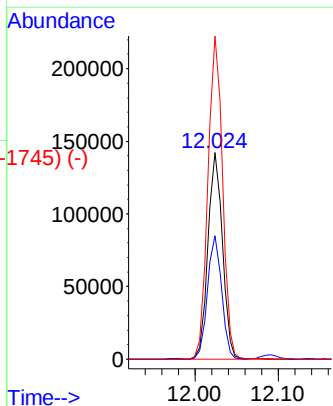
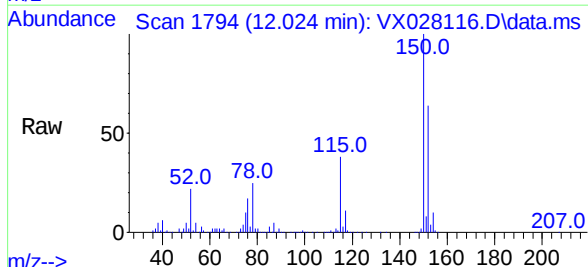
Instrument : MSVOA_X
 ClientSampleId : MW-46DL

Tgt Ion:106 Resp: 105925
 Ion Ratio Lower Upper
 106 100
 91 214.3 106.1 318.1



Scan 1794 (12.024 min): VX028049.D\data.ms (-1793) (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX028116.D
 Acq: 14 Apr 2022 18:45

Tgt Ion:152 Resp: 171225
 Ion Ratio Lower Upper
 152 100
 115 58.3 37.5 112.7
 150 157.4 0.0 338.2



Abundance Scan 1620 (10.963 min): VX028049.D\data.ms (-1673) (-)

Isopropylbenzene

Concen: 1.634 ug/l

RT: 10.963 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX028116.D

Acq: 14 Apr 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

MW-46DL

Tgt Ion:105 Resp: 19877

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5

Abundance Scan 1620 (10.963 min): VX028116.D\data.ms

Ref

51.0 77.0 105.1 132.9 192.9

m/z-->

Abundance Scan 1620 (10.963 min): VX028116.D\data.ms

Raw

51.0 77.0 105.0 207.0

m/z-->

Abundance Scan 1620 (10.963 min): VX028116.D\data.ms (-1571) (-)

Sub

41.1 79.0 105.0 207.0

m/z-->

Abundance

10.963

10000

5000

0

Time-->

Abundance Scan 1676 (11.305 min): VX028049.D\data.ms (-1673) (-)

n-propylbenzene

Concen: 3.656 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX028116.D

Acq: 14 Apr 2022 18:45

Tgt Ion: 91 Resp: 51687

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.8

Abundance Scan 1676 (11.305 min): VX028116.D\data.ms

Ref

39.1 91.0 133.2 176.8 209.0 281.1

m/z-->

Abundance Scan 1676 (11.305 min): VX028116.D\data.ms

Raw

39.1 91.0 207.0

m/z-->

Abundance Scan 1676 (11.305 min): VX028116.D\data.ms (-1627) (-)

Sub

39.1 91.0 191.1

m/z-->

Abundance

11.305

40000

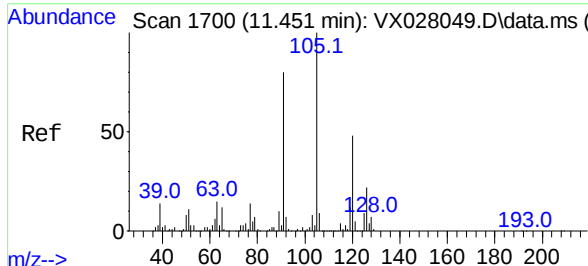
30000

20000

10000

0

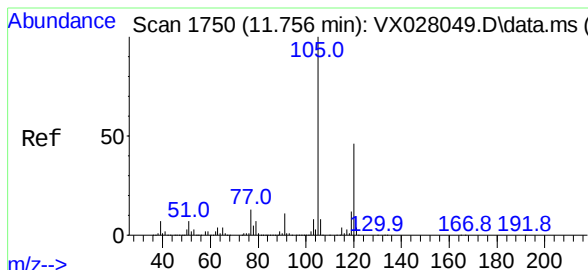
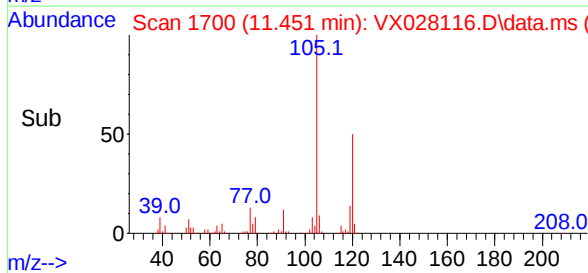
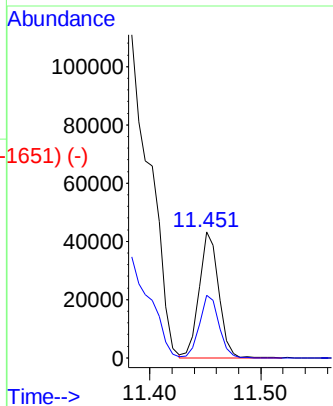
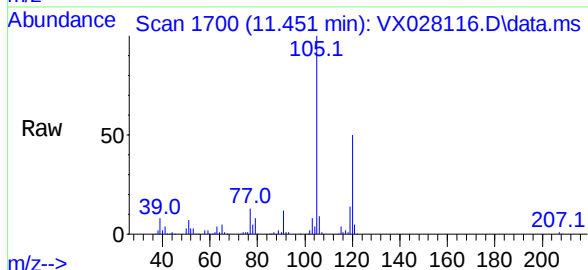
Time-->



1,3,5-Trimethylbenzene
Concen: 5.010 ug/l
RT: 11.451 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VX028116.D
Acq: 14 Apr 2022 18:45

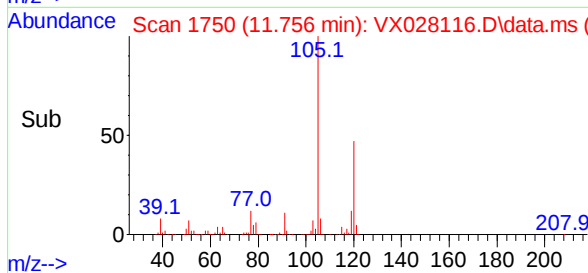
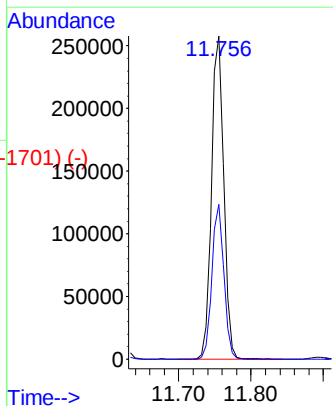
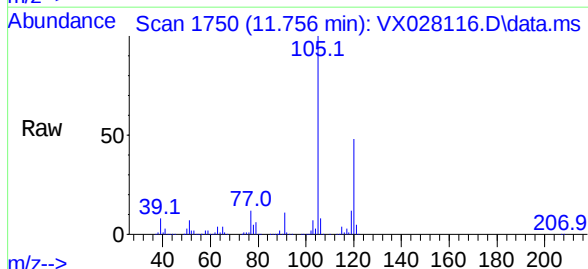
Instrument :
MSVOA_X
ClientSampleId :
MW-46DL

Tgt Ion:105 Resp: 52642
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.9

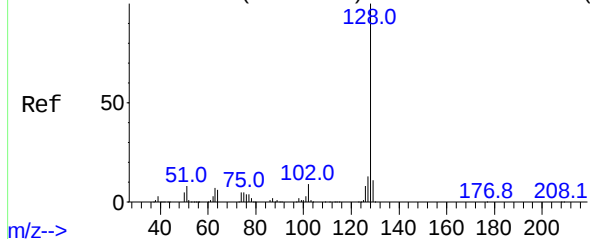


1,2,4-Trimethylbenzene
Concen: 29.864 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028116.D
Acq: 14 Apr 2022 18:45

Tgt Ion:105 Resp: 307220
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8



Abundance Scan 2081 (13.774 min): VX028049.D\data.ms (-2081) (-)



Naphthalene

Concen: 8.820 ug/l

RT: 13.780 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX028116.D

Acq: 14 Apr 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

MW-46DL

Tgt Ion:128 Resp: 99652

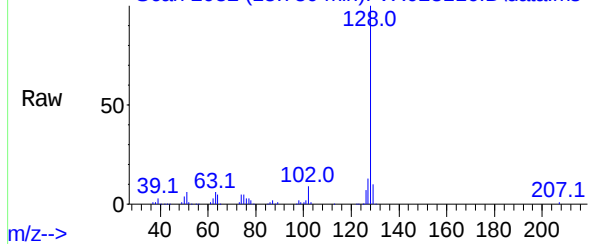
Ion Ratio Lower Upper

128 100

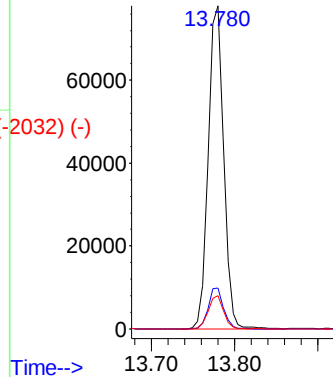
127 12.6 10.2 15.4

129 10.3 8.7 13.1

Abundance Scan 2082 (13.780 min): VX028116.D\data.ms



Abundance



Abundance Scan 2082 (13.780 min): VX028116.D\data.ms (-2032) (-)

