

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004443.D
 Acq On : 15 Apr 2021 16:08
 Operator : SY/MD
 Sample : M2048-03
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

Manual Integrations
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Quant Time: Apr 16 05:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	91373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	102784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	36003	35.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	70.92%		
35) Dibromofluoromethane	7.728	113	36132	48.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.04%		
50) Toluene-d8	10.185	98	155029	48.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.86%		
62) 4-Bromofluorobenzene	12.483	95	44571	41.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.08%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.185	83	2773	1.67	ug/l	95
67) Ethyl Benzene	11.599	91	5839	1.49	ug/l	93
68) m/p-Xylenes	11.709	106	1536	1.05	ug/l	97
78) n-propylbenzene	12.672	91	7399	1.93	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	15848	5.97	ug/l	99
89) n-Butylbenzene	13.703	91	3492	1.28	ug/l #	71
95) Naphthalene	15.239	128	15504m	8.97	ug/l	

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

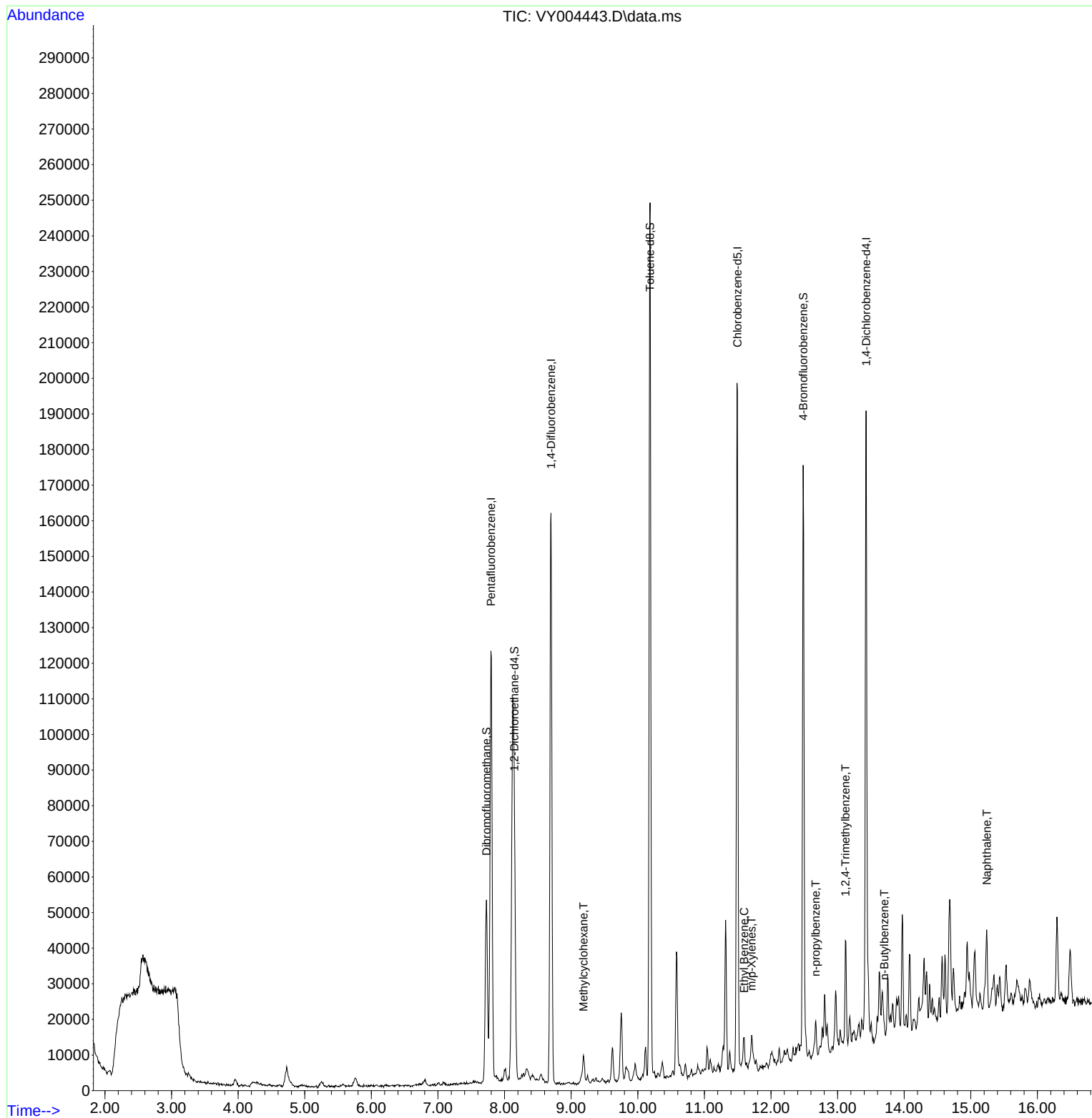
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004443.D
Acq On : 15 Apr 2021 16:08
Operator : SY/MD
Sample : M2048-03
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

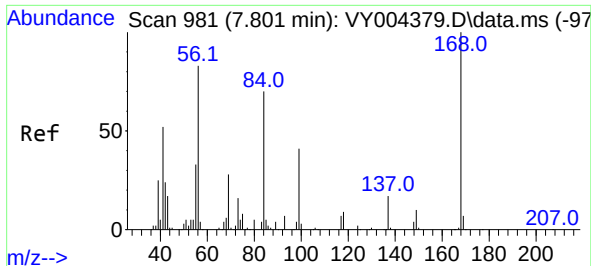
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

Manual Integrations
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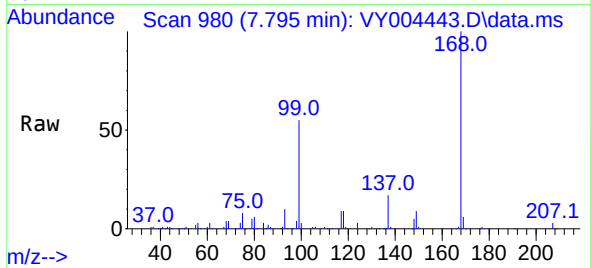
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4/16/2021 1:08:03 PM

Quant Time: Apr 16 05:05:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

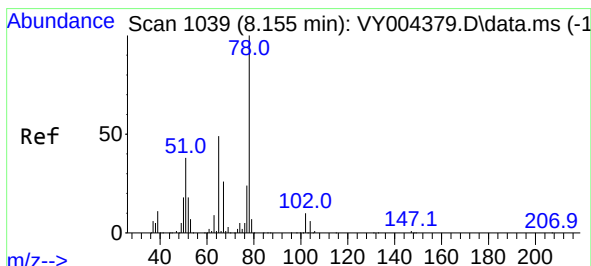
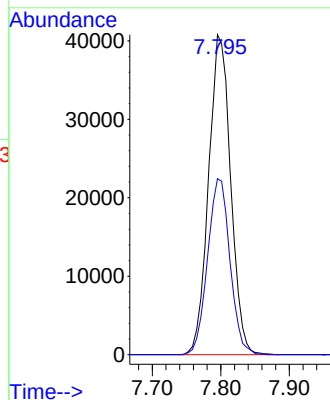
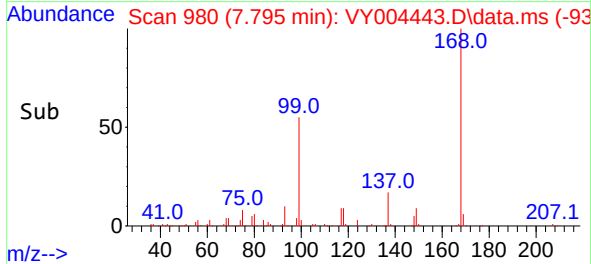




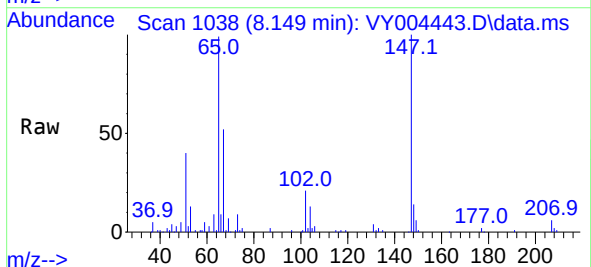
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004443.D
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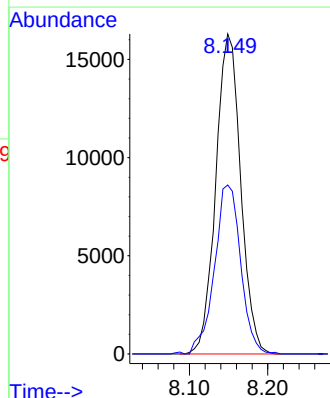
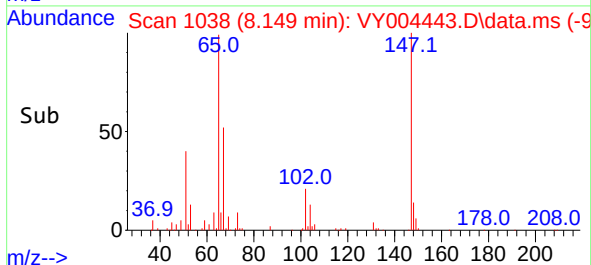
Tgt Ion: 168 Resp: 91373
Ion Ratio Lower Upper
168 100
99 55.0 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 35.46 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08



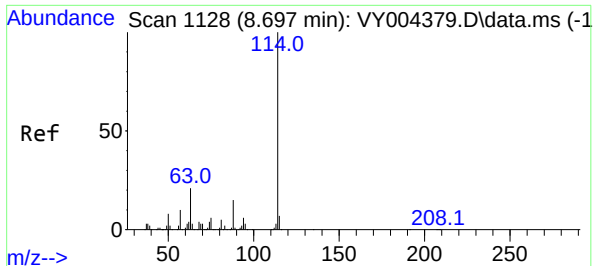
Tgt Ion: 65 Resp: 36003
Ion Ratio Lower Upper
65 100
67 55.7 0.0 106.4



Instrument :
MSVOA_Y
ClientSampleId :
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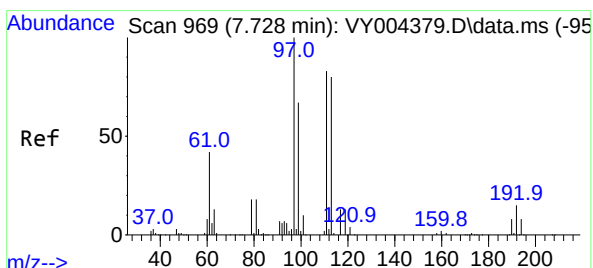
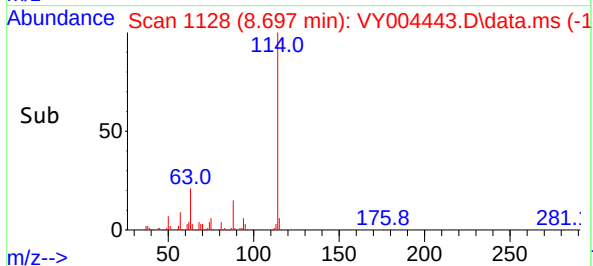
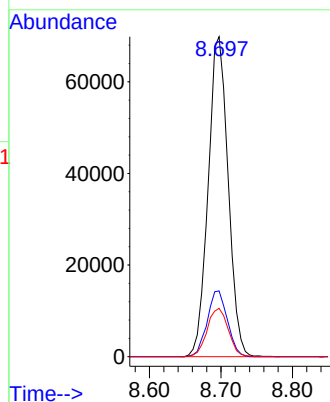
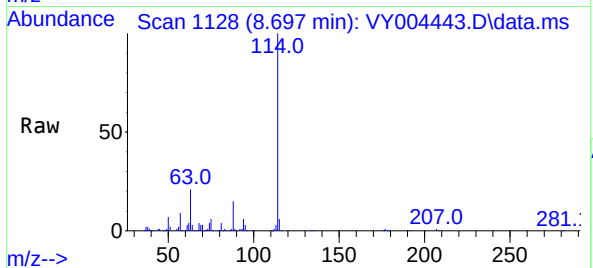
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08

Tgt Ion:114 Resp: 135595
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.1 0.0 30.8

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

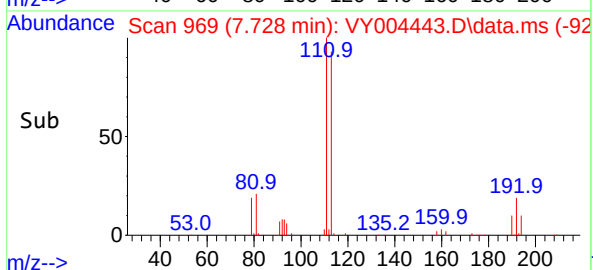
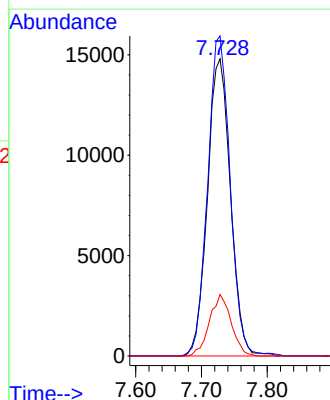
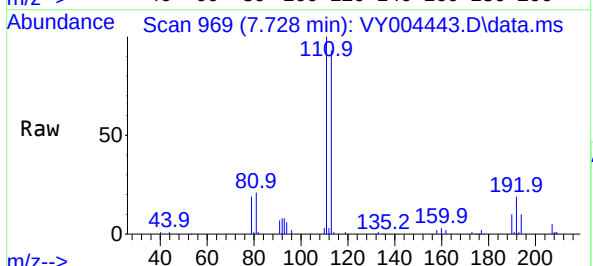
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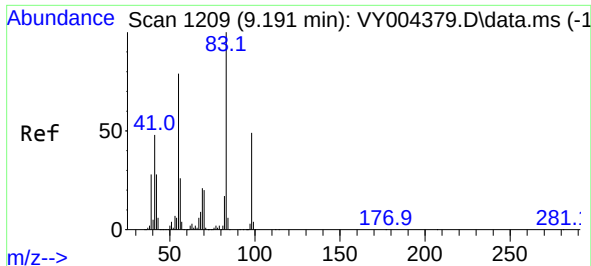
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#35
Dibromofluoromethane
Concen: 48.02 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08

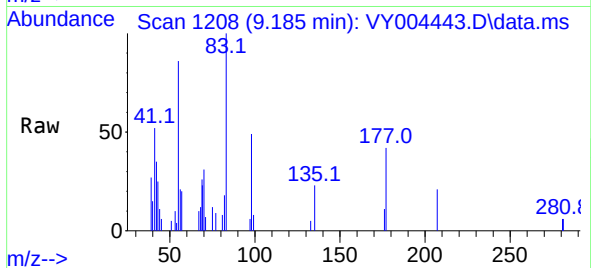
Tgt Ion:113 Resp: 36132
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 19.5 16.1 24.1





#39
Methylcyclohexane
Concen: 1.67 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08

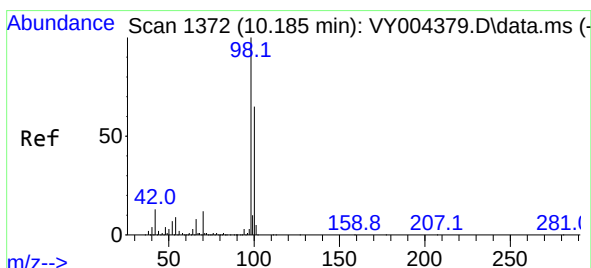
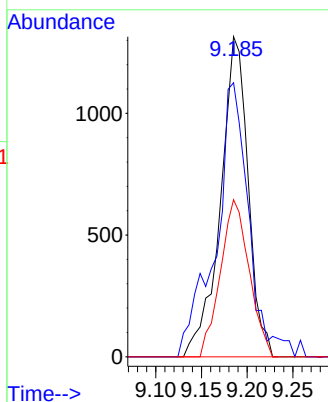
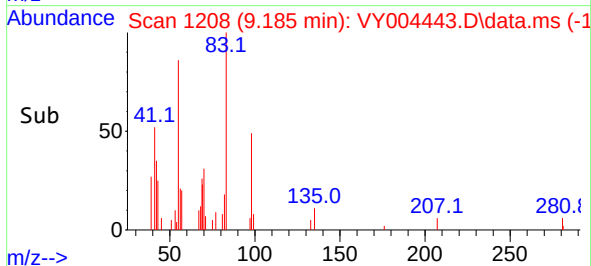
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0



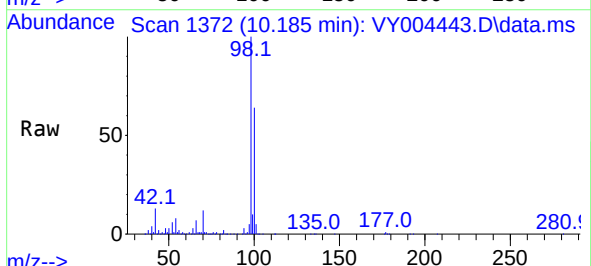
Tgt Ion: 83 Resp: 2773
Ion Ratio Lower Upper
83 100
55 85.6 63.0 94.4
98 49.0 39.2 58.8

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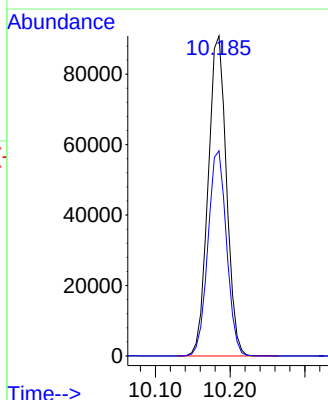
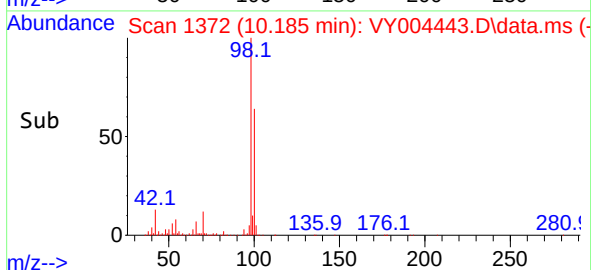
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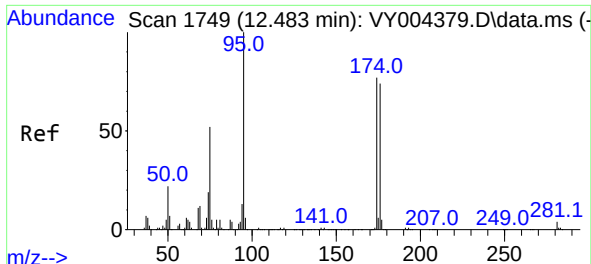


#50
Toluene-d8
Concen: 48.43 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08



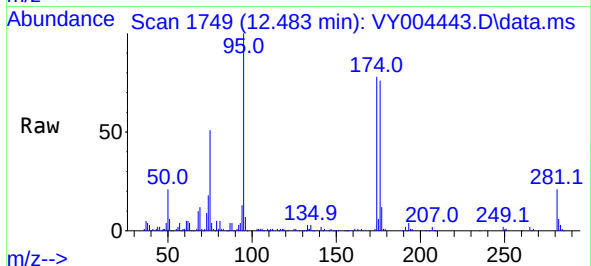
Tgt Ion: 98 Resp: 155029
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6





#62
4-Bromofluorobenzene
Concen: 41.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08

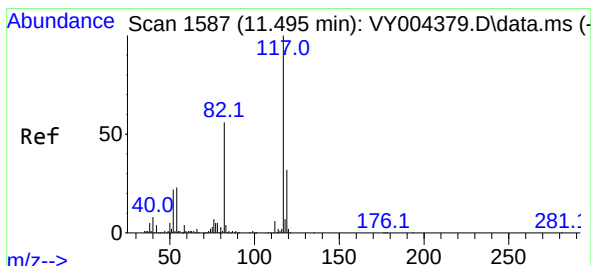
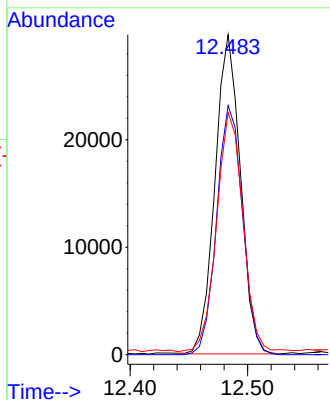
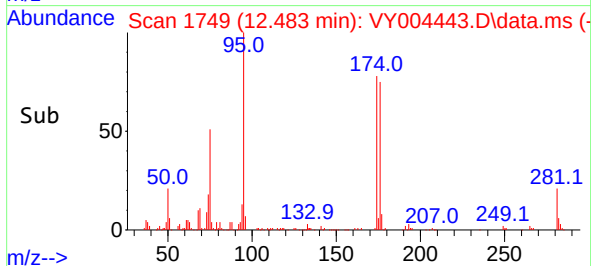
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0



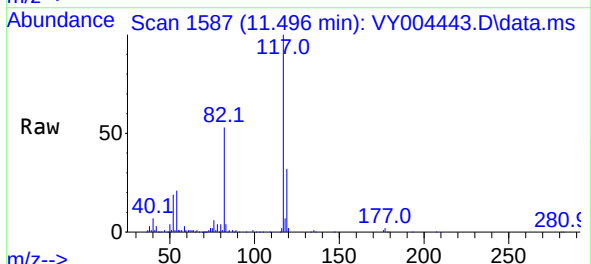
Tgt Ion: 95 Resp: 44571
Ion Ratio Lower Upper
95 100
174 79.8 0.0 162.4
176 77.7 0.0 156.0

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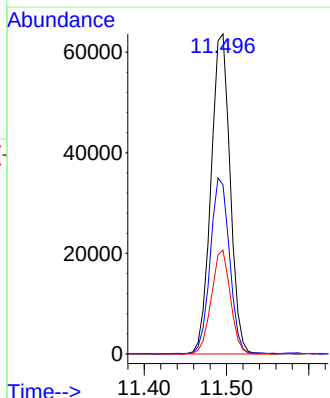
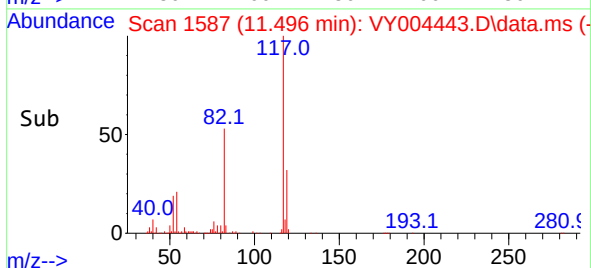
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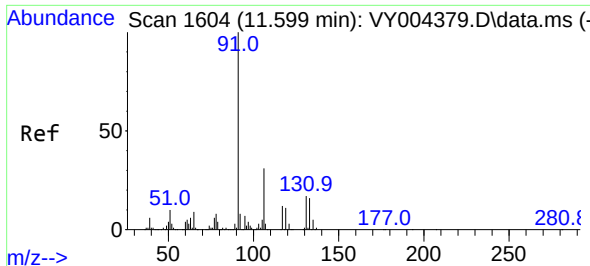


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08



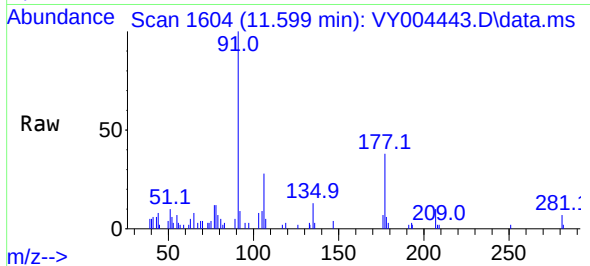
Tgt Ion: 117 Resp: 102784
Ion Ratio Lower Upper
117 100
82 52.7 44.9 67.3
119 32.4 25.4 38.0





#67
Ethyl Benzene
Concen: 1.49 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08

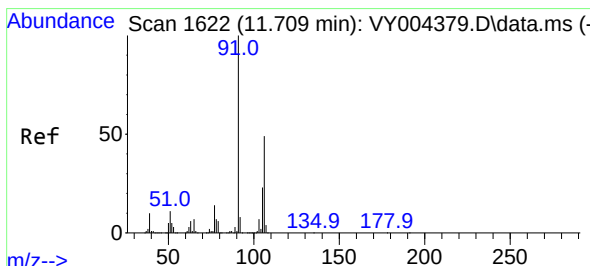
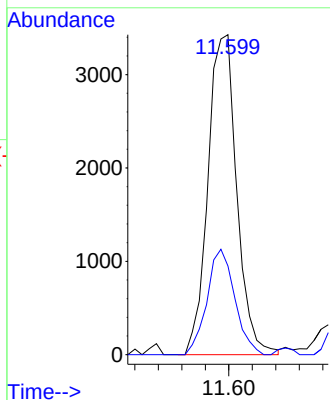
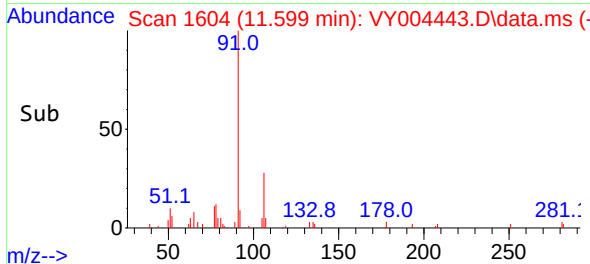
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0



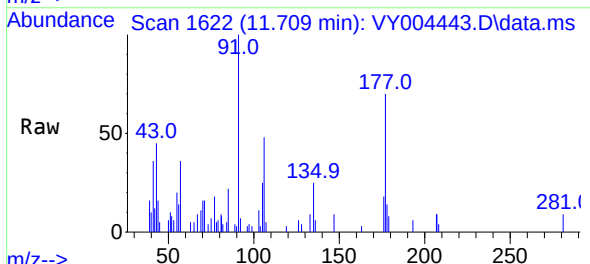
Tgt Ion: 91 Resp: 5839
Ion Ratio Lower Upper
91 100
106 27.7 25.1 37.7

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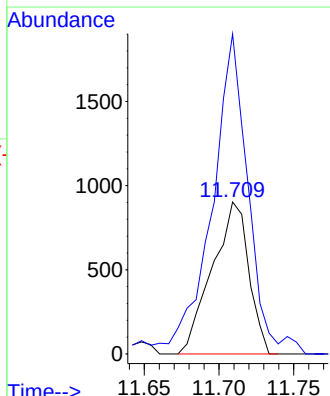
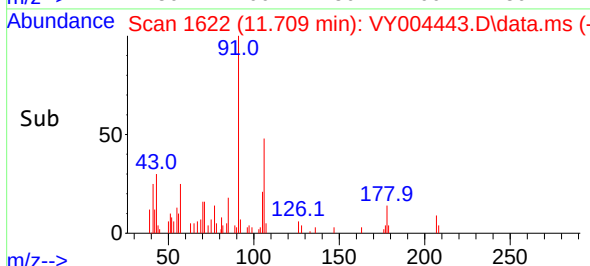
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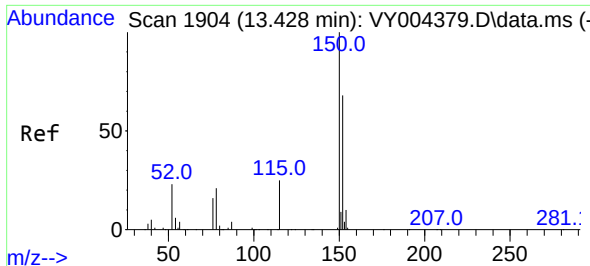


#68
m/p-Xylenes
Concen: 1.05 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08



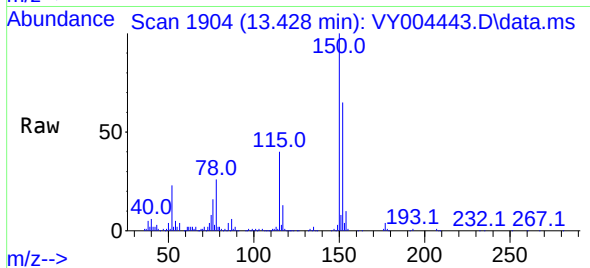
Tgt Ion: 106 Resp: 1536
Ion Ratio Lower Upper
106 100
91 207.9 163.2 244.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08

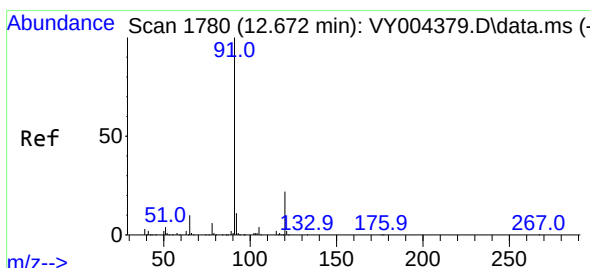
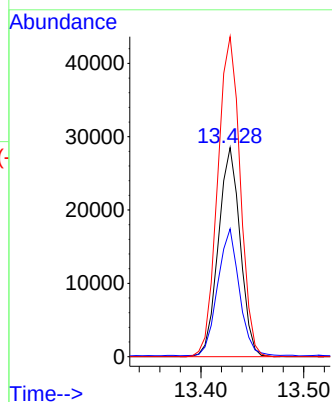
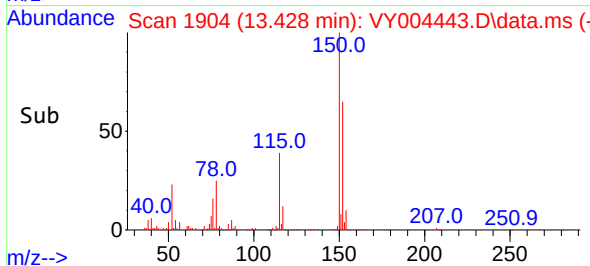
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0



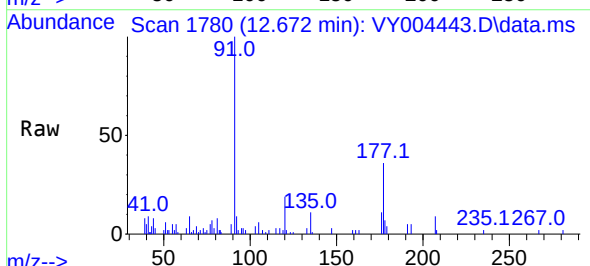
Tgt Ion:152 Resp: 41889
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.8
150 158.5 0.0 348.4

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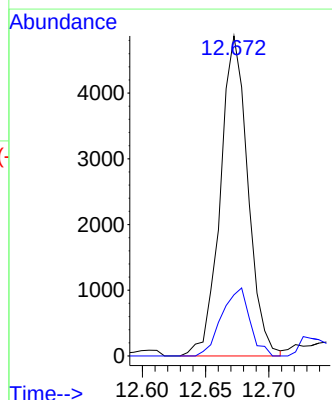
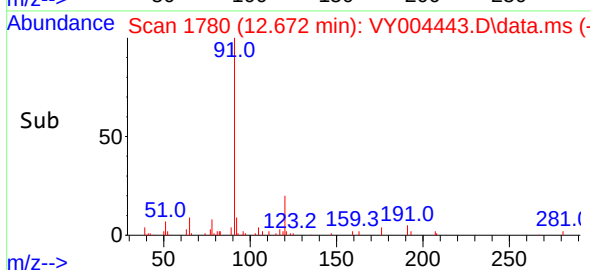
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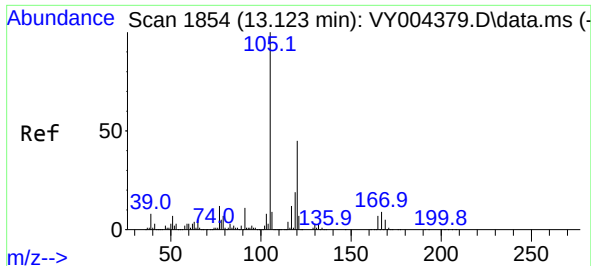


#78
n-propylbenzene
Concen: 1.93 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08



Tgt Ion: 91 Resp: 7399
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





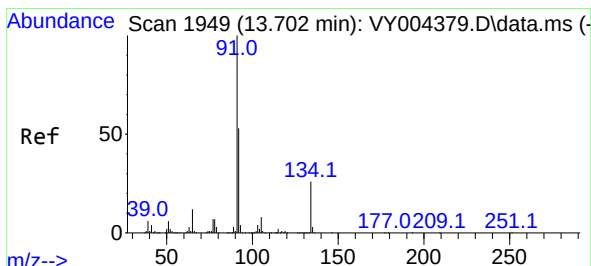
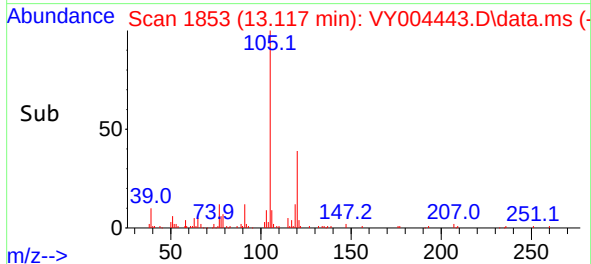
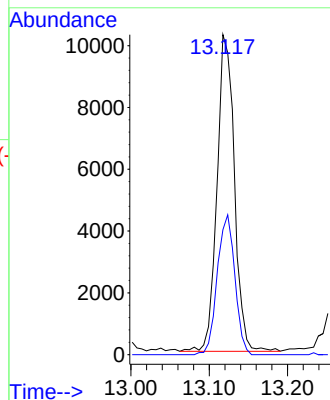
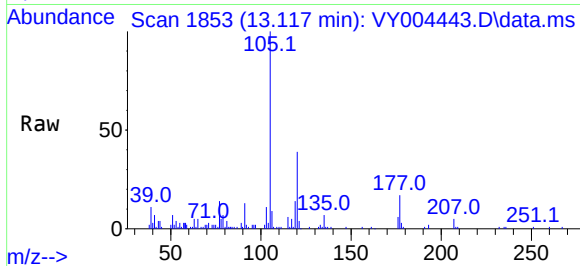
#84
1,2,4-Trimethylbenzene
Concen: 5.97 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08

Tgt Ion: 105 Resp: 15848
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3

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MSVOA_Y
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SB-01-14.5-15.0

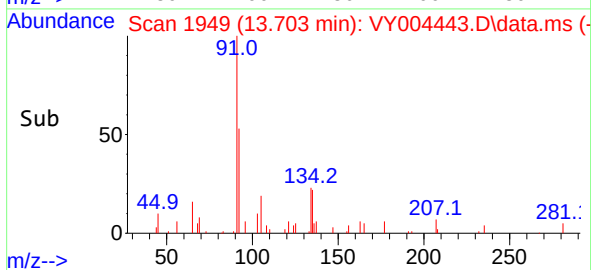
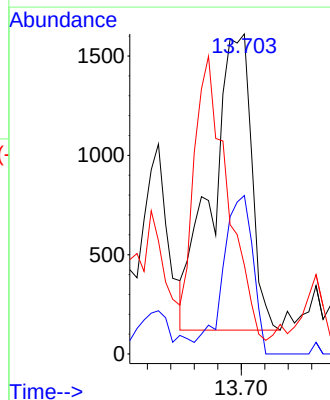
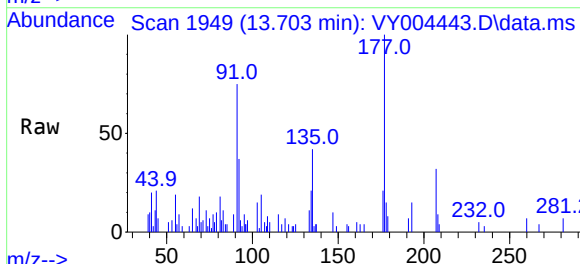
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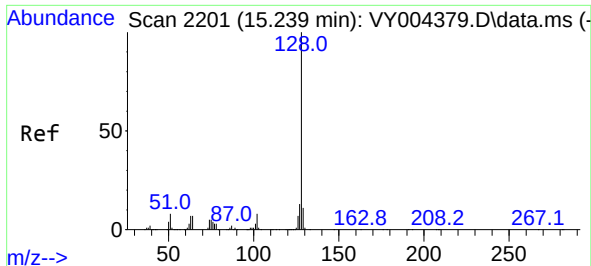
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#89
n-Butylbenzene
Concen: 1.28 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY004443.D
Acq: 15 Apr 2021 16:08

Tgt Ion: 91 Resp: 3492
Ion Ratio Lower Upper
91 100
92 40.3 26.6 79.8
134 0.0 12.7 38.1#





#95

Naphthalene

Concen: 8.97 ug/l m

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY004443.D

Acq: 15 Apr 2021 16:08

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

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