

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101124\  
 Data File : VY019876.D  
 Acq On : 11 Oct 2024 16:58  
 Operator : SY/MD  
 Sample : P4385-13  
 Misc : 6.21g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SP-7

Quant Time: Oct 14 01:49:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 10 05:30:07 2024  
 Response via : Initial Calibration

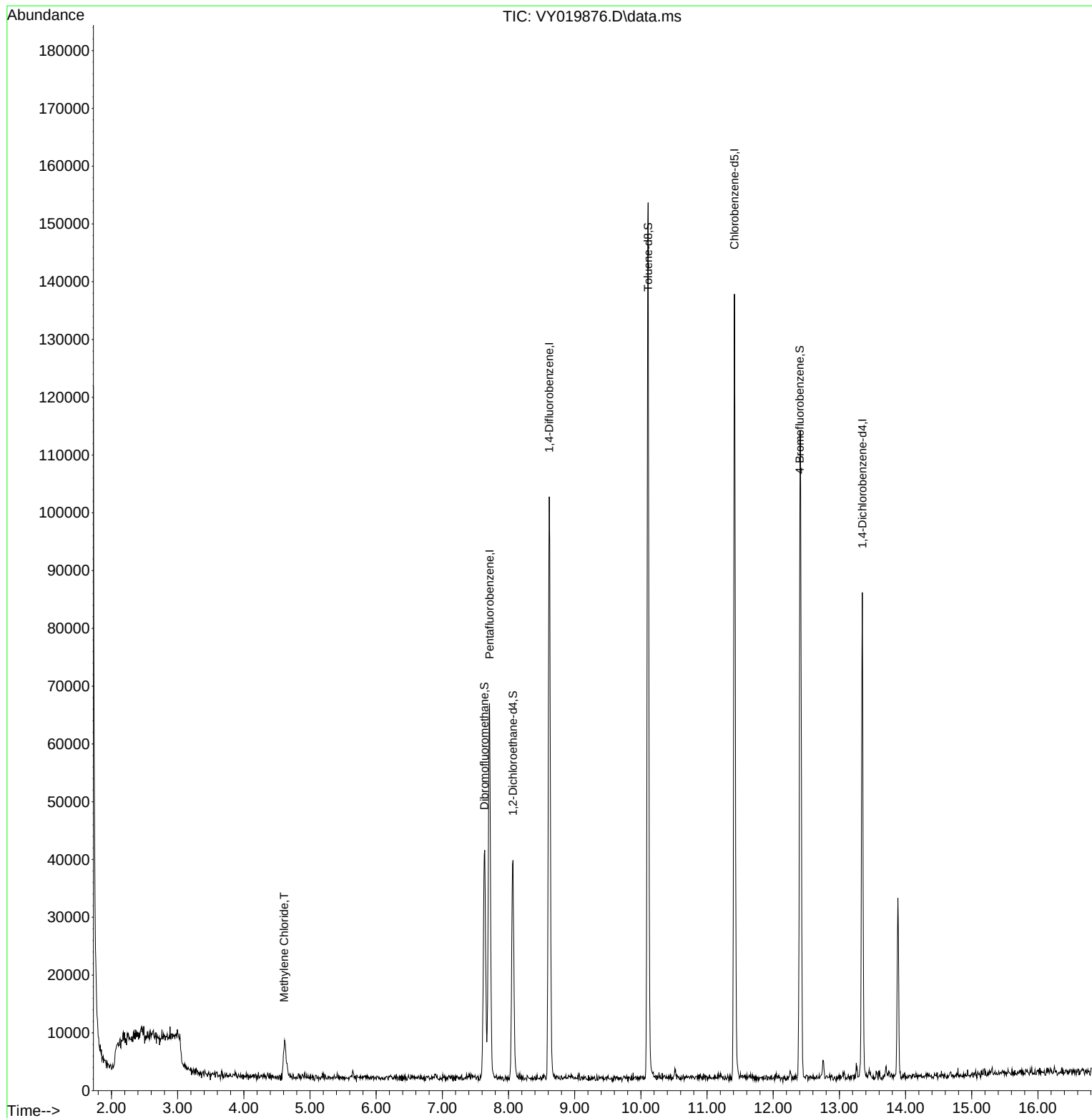
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 45536    | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 82544    | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 67231    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 18930    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 30587    | 54.553   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 109.100% |          |
| 35) Dibromofluoromethane    | 7.634  | 113   | 28566    | 52.444   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 104.880% |          |
| 50) Toluene-d8              | 10.109 | 98    | 95591    | 47.522   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 95.040%  |          |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 26309    | 36.198   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 72.400%  |          |
| Target Compounds            |        |       |          |          |            |          |
| 20) Methylene Chloride      | 4.610  | 84    | 4315     | 7.313    | ug/l       | # 85     |
| -----                       |        |       |          |          |            |          |

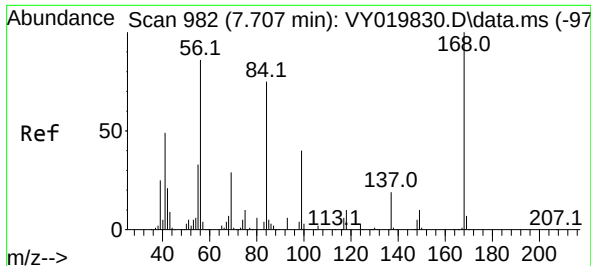
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Oct 10 05:30:07 2024  
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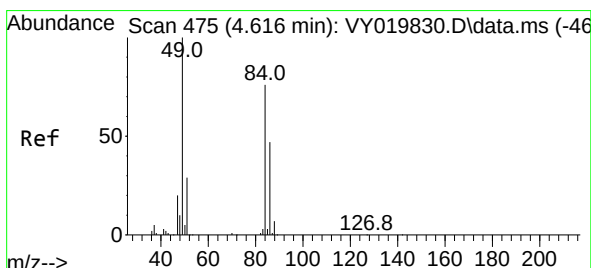
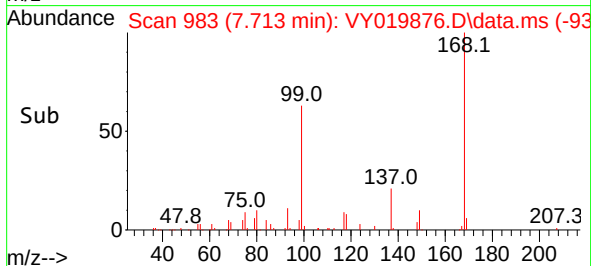
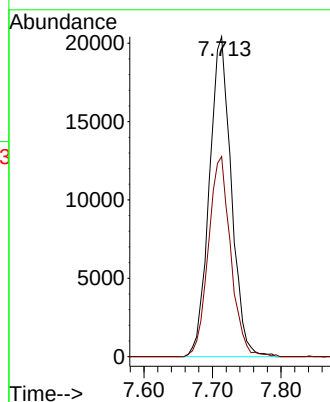
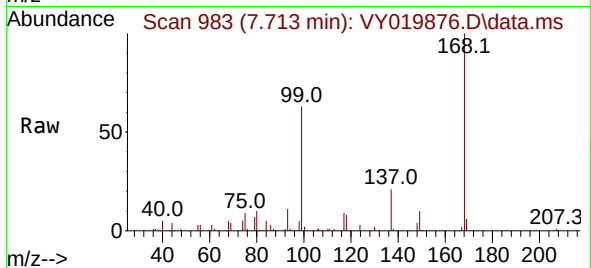




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY019876.D  
Acq: 11 Oct 2024 16:58

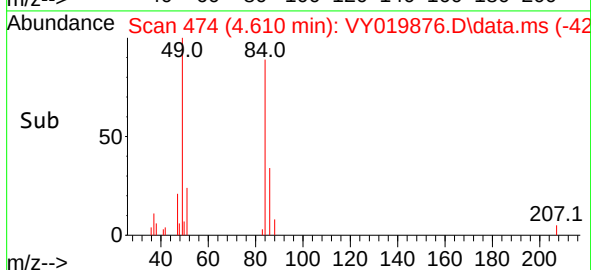
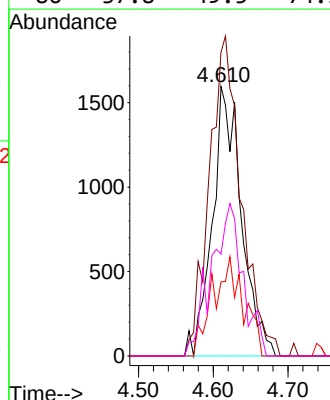
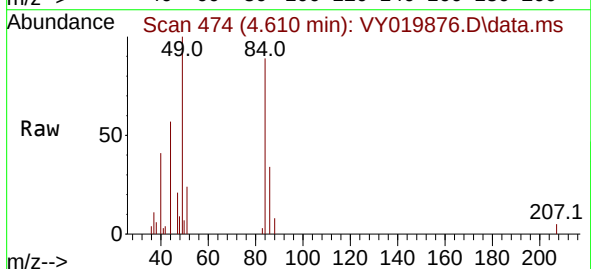
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SP-7

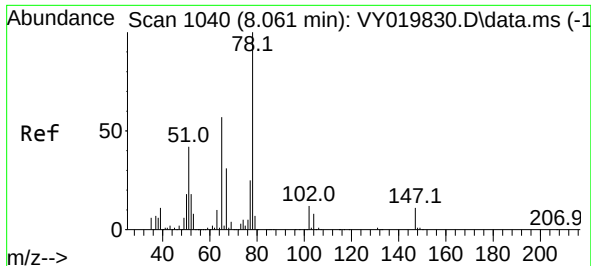
Tgt Ion:168 Resp: 45536  
Ion Ratio Lower Upper  
168 100  
99 62.5 39.1 58.7#



#20  
Methylene Chloride  
Concen: 7.313 ug/l  
RT: 4.610 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VY019876.D  
Acq: 11 Oct 2024 16:58

Tgt Ion: 84 Resp: 4315  
Ion Ratio Lower Upper  
84 100  
49 112.7 84.4 126.6  
51 27.5 26.0 39.0  
86 37.8 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 54.553 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019876.D

Acq: 11 Oct 2024 16:58

Instrument :

MSVOA\_Y

ClientSampleId :

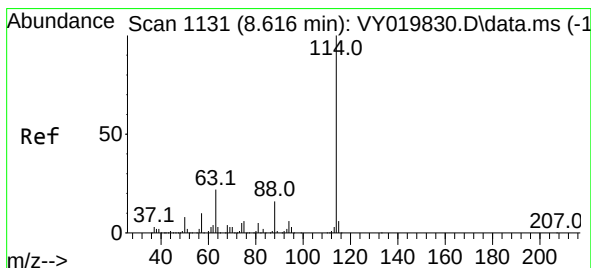
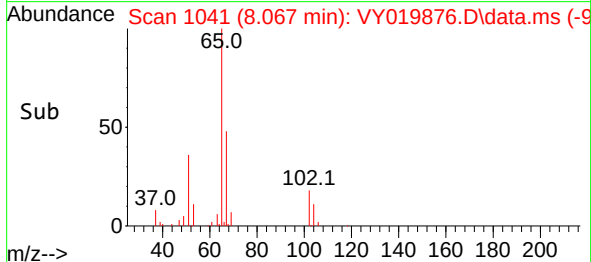
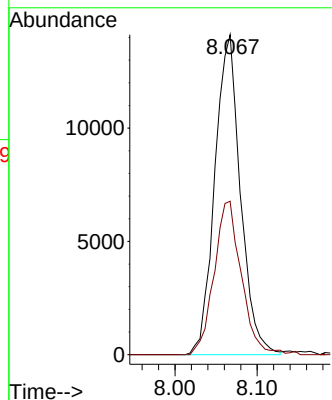
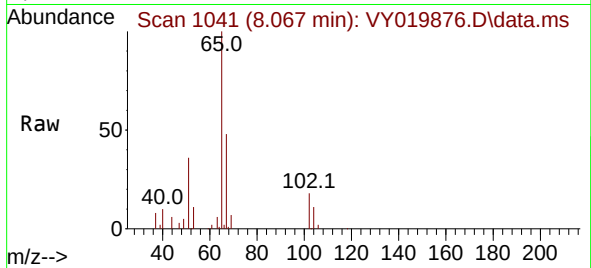
SP-7

Tgt Ion: 65 Resp: 30587

Ion Ratio Lower Upper

65 100

67 51.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019876.D

Acq: 11 Oct 2024 16:58

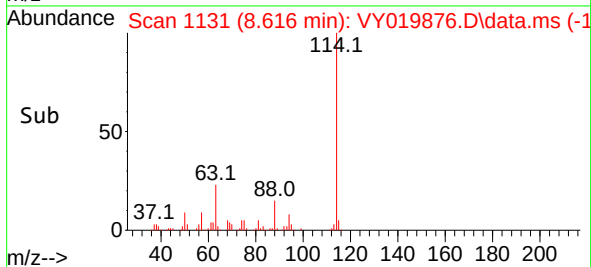
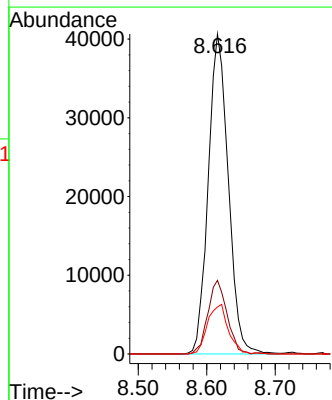
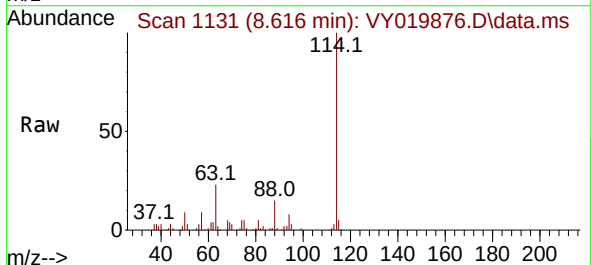
Tgt Ion: 114 Resp: 82544

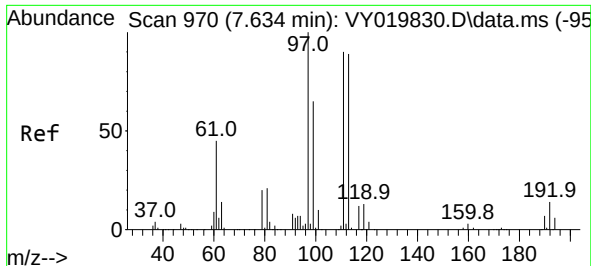
Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

88 14.7 0.0 27.2

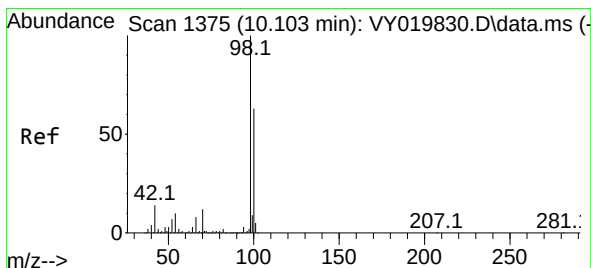
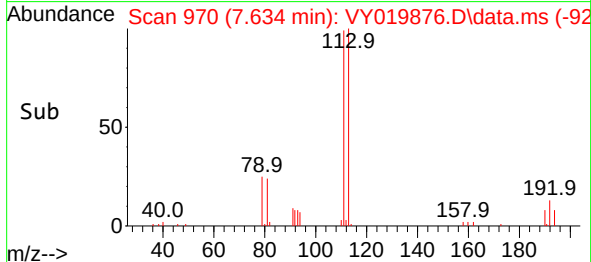
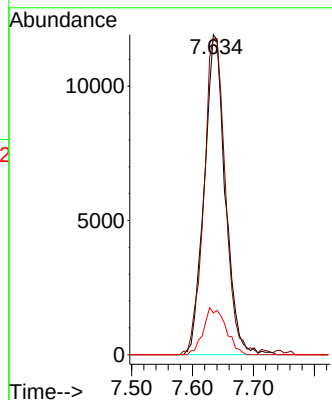
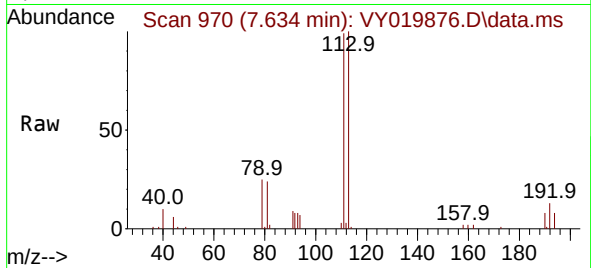




#35  
Dibromofluoromethane  
Concen: 52.444 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019876.D  
Acq: 11 Oct 2024 16:58

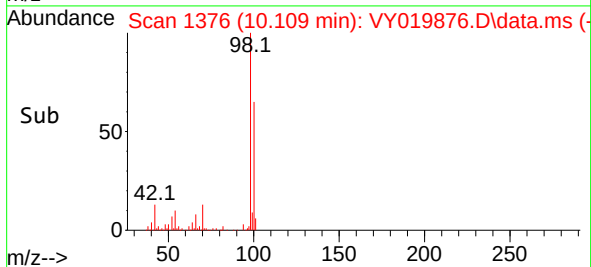
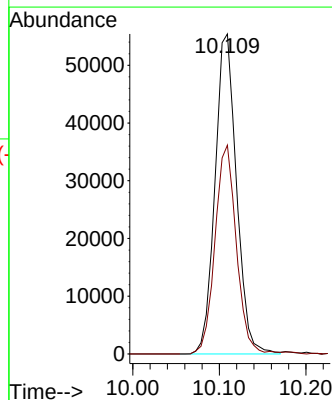
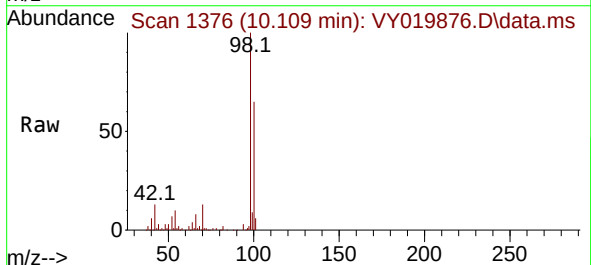
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SP-7

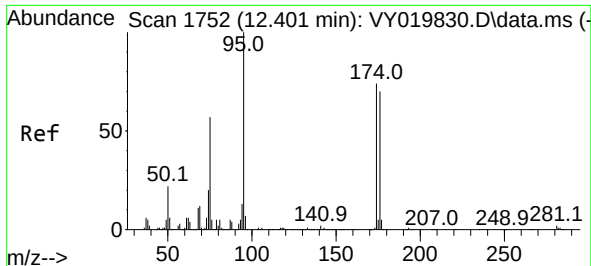
Tgt Ion:113 Resp: 28566  
Ion Ratio Lower Upper  
113 100  
111 100.9 82.2 123.4  
192 15.7 15.9 23.9#



#50  
Toluene-d8  
Concen: 47.522 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.000 min  
Lab File: VY019876.D  
Acq: 11 Oct 2024 16:58

Tgt Ion: 98 Resp: 95591  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.0 78.0

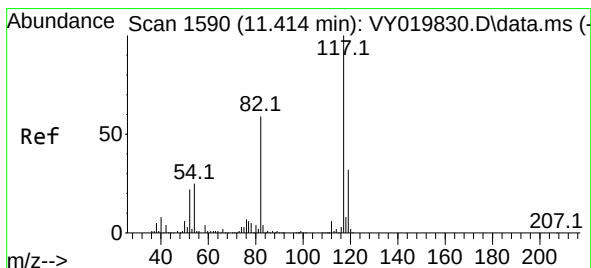
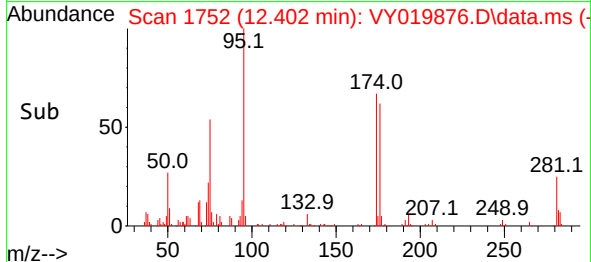
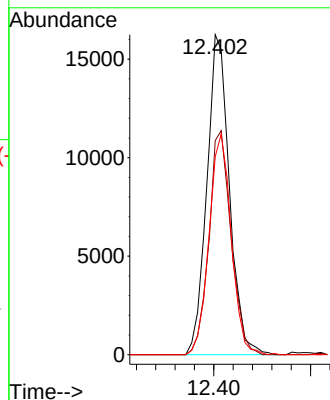
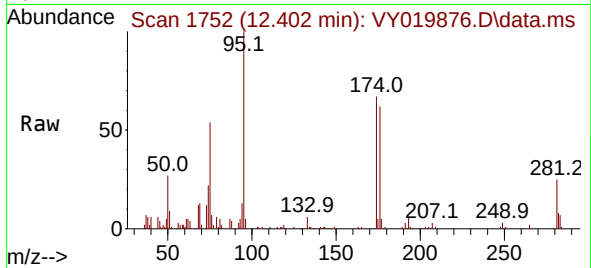




#62  
4-Bromofluorobenzene  
Concen: 36.198 ug/l  
RT: 12.402 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY019876.D  
Acq: 11 Oct 2024 16:58

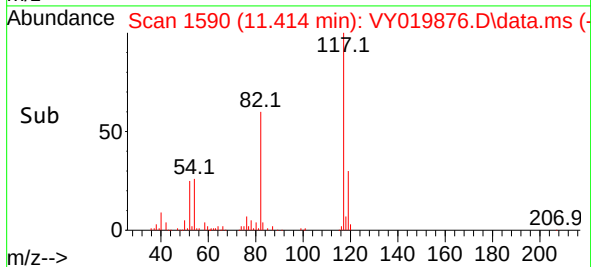
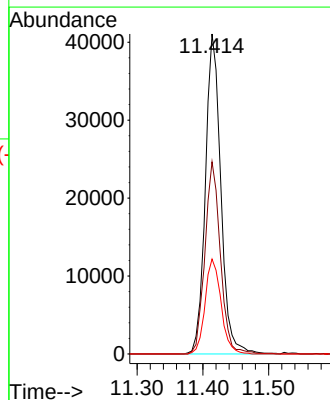
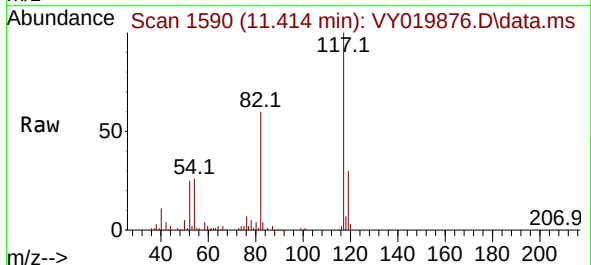
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SP-7

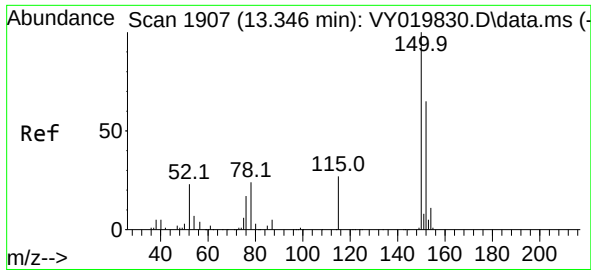
Tgt Ion: 95 Resp: 26309  
Ion Ratio Lower Upper  
95 100  
174 68.9 0.0 175.6  
176 67.8 0.0 171.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 1590  
Delta R.T. -0.006 min  
Lab File: VY019876.D  
Acq: 11 Oct 2024 16:58

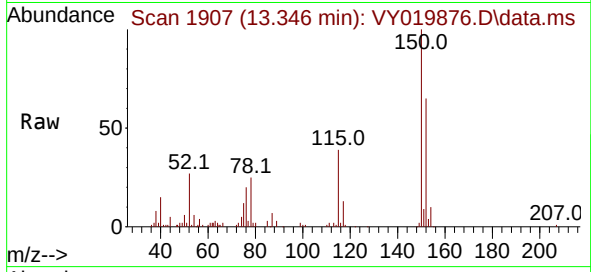
Tgt Ion: 117 Resp: 67231  
Ion Ratio Lower Upper  
117 100  
82 60.1 42.4 63.6  
119 29.7 25.9 38.9





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.346 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY019876.D  
Acq: 11 Oct 2024 16:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SP-7



Tgt Ion:152 Resp: 18930  
Ion Ratio Lower Upper  
152 100  
115 62.3 28.2 84.7  
150 156.4 0.0 345.6

