

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031922\  
 Data File : VX027554.D  
 Acq On : 19 Mar 2022 12:48  
 Operator : JC/MD  
 Sample : N2000-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE-132D4-20220315

Quant Time: Mar 21 01:20:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

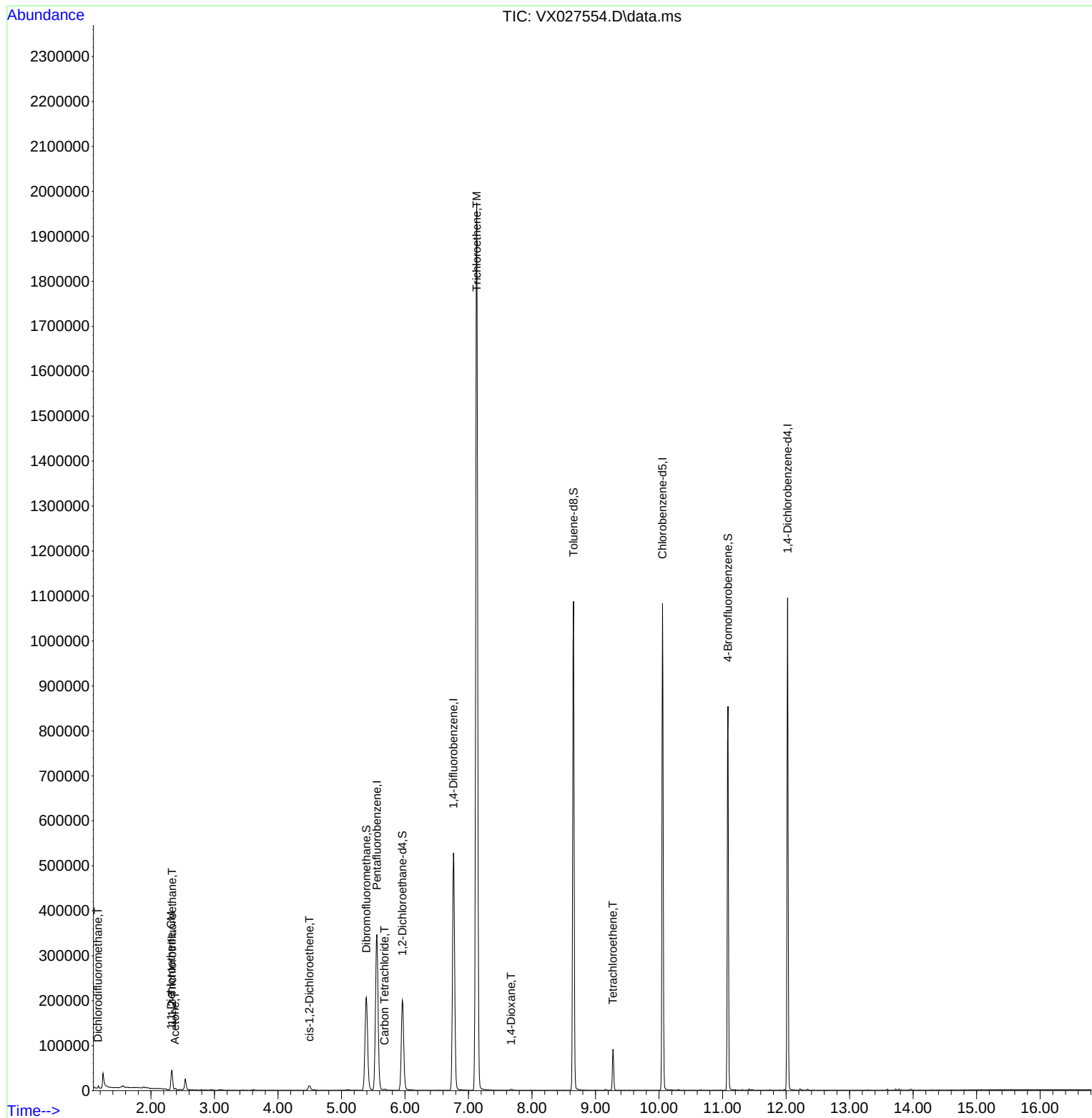
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 355590   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 565543   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 506762   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 231613   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 194617   | 44.43    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 88.86%   |
| 35) Dibromofluoromethane     | 5.391  | 113   | 186111   | 51.15    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 102.30%  |
| 50) Toluene-d8               | 8.653  | 98    | 657961   | 47.79    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 95.58%   |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 232509   | 45.94    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 91.88%   |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 1203     | 0.35     | ug/l   | 74       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 15731    | 4.57     | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 2.318  | 96    | 3054     | 0.92     | ug/l   | 91       |
| 16) Acetone                  | 2.379  | 43    | 3281     | 1.84     | ug/l   | 91       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 7548     | 1.85     | ug/l   | 81       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 1757     | 0.31     | ug/l # | 81       |
| 44) Trichloroethene          | 7.129  | 130   | 804493   | 185.77   | ug/l   | 100      |
| 49) 1,4-Dioxane              | 7.671  | 88    | 1848     | 18.23    | ug/l   | 91       |
| 64) Tetrachloroethene        | 9.275  | 164   | 17101    | 4.34     | ug/l   | 93       |
| -----                        |        |       |          |          |        |          |

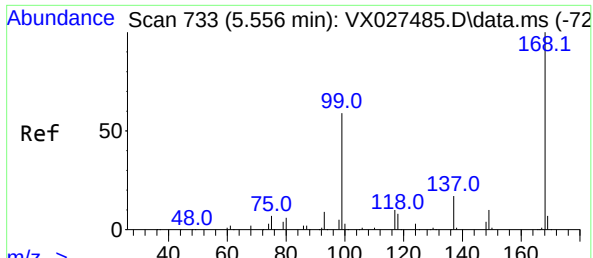
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031922\  
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Sample : N2000-02  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-132D4-20220315

Quant Time: Mar 21 01:20:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 17 15:02:59 2022  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX027554.D

Acq: 19 Mar 2022 12:48

Instrument :

MSVOA\_X

ClientSampleId :

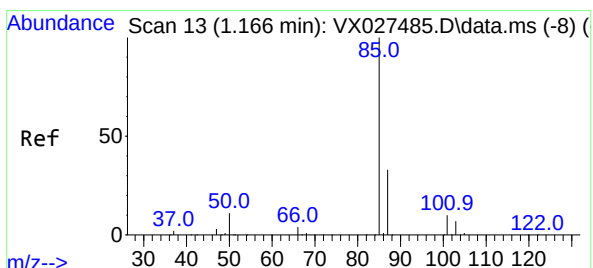
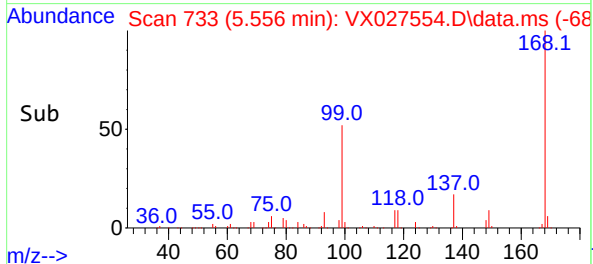
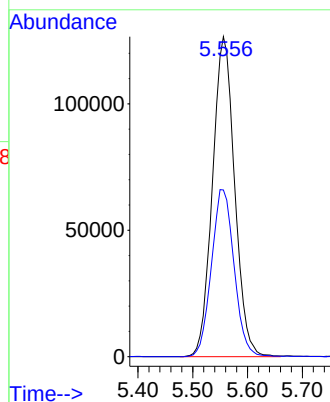
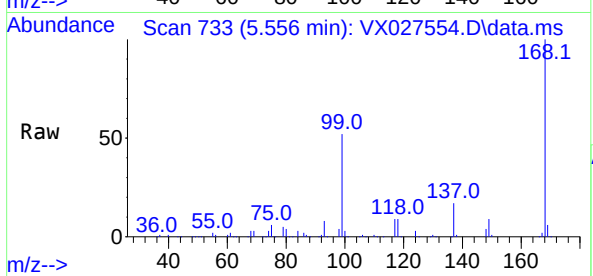
RE-132D4-20220315

Tgt Ion:168 Resp: 355590

Ion Ratio Lower Upper

168 100

99 52.1 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 0.35 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX027554.D

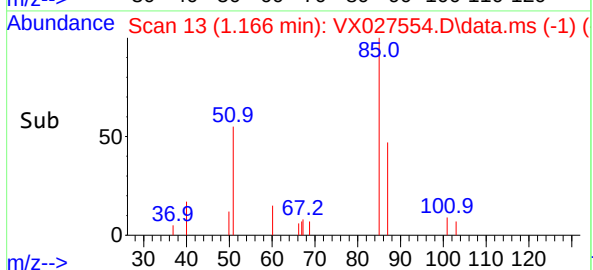
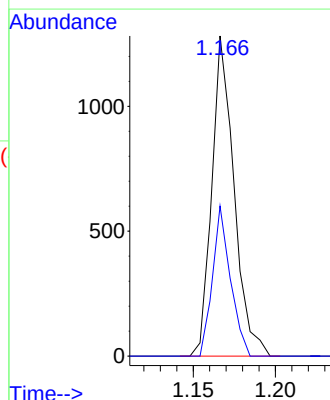
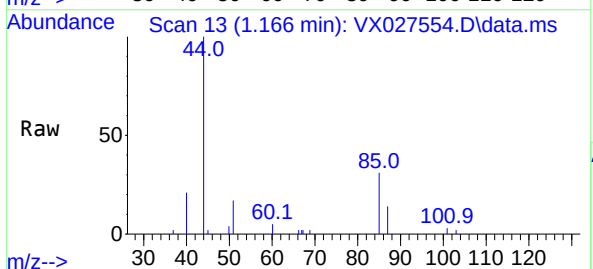
Acq: 19 Mar 2022 12:48

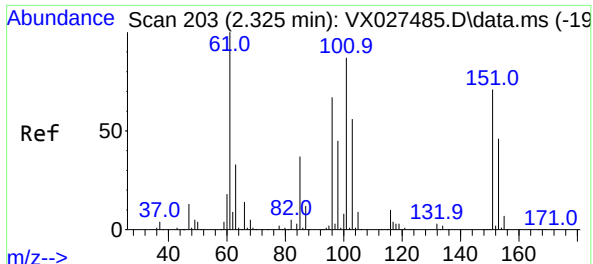
Tgt Ion: 85 Resp: 1203

Ion Ratio Lower Upper

85 100

87 46.9 16.2 48.6

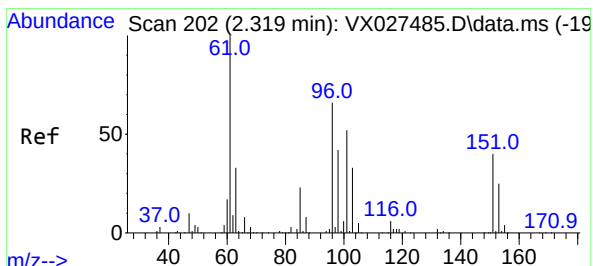
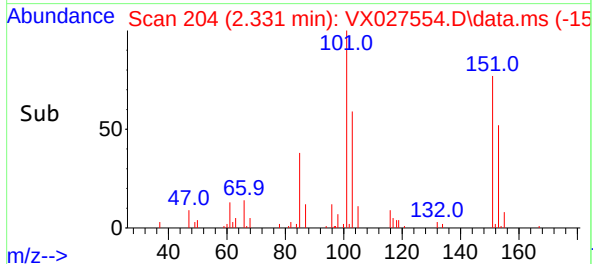
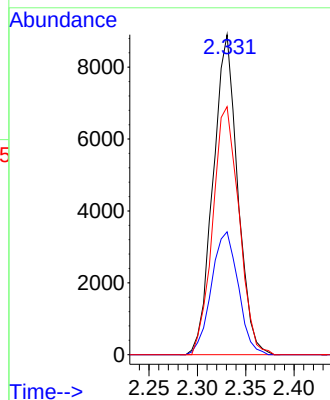
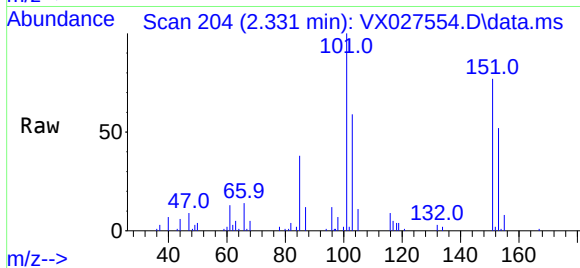




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.57 ug/l  
RT: 2.331 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

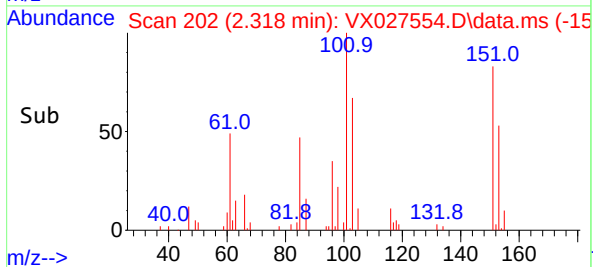
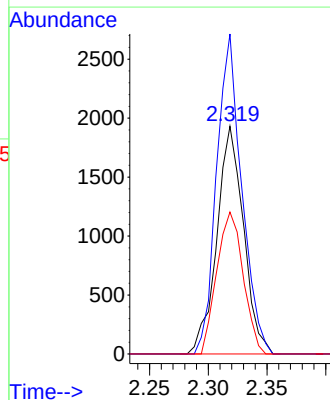
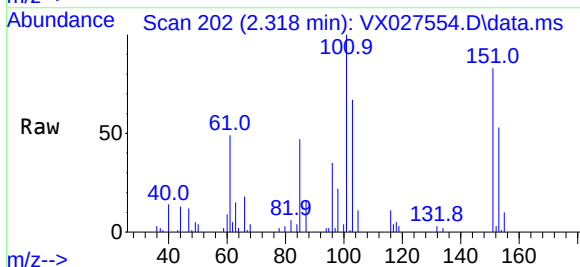
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-132D4-20220315

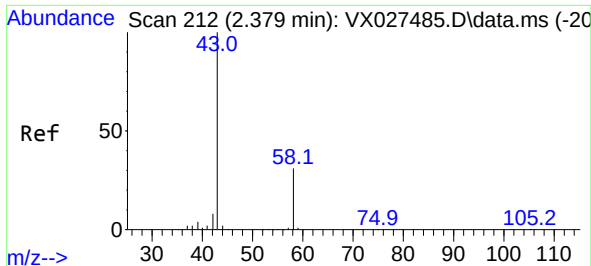
Tgt Ion:101 Resp: 15731  
Ion Ratio Lower Upper  
101 100  
85 41.9 33.5 50.3  
151 82.8 61.8 92.6



#12  
1,1-Dichloroethene  
Concen: 0.92 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

Tgt Ion: 96 Resp: 3054  
Ion Ratio Lower Upper  
96 100  
61 140.5 124.6 187.0  
98 62.4 51.0 76.4

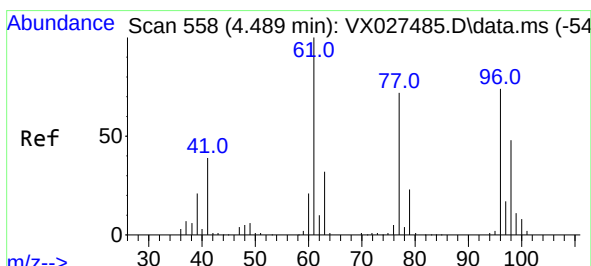
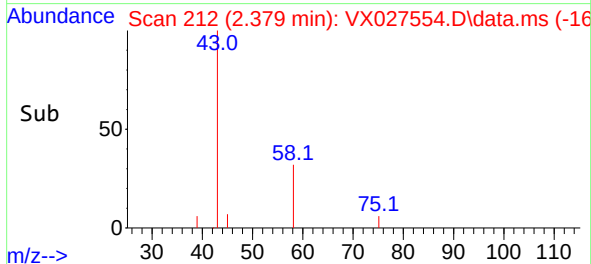
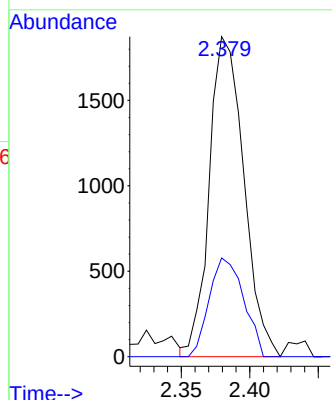
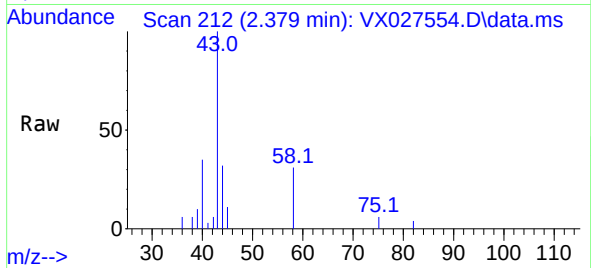




#16  
Acetone  
Concen: 1.84 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

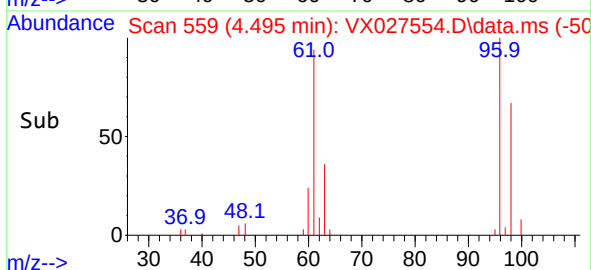
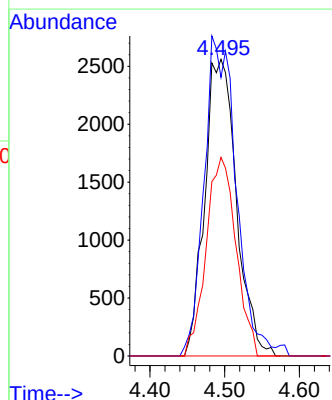
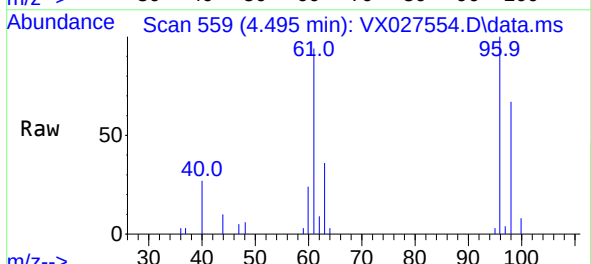
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-132D4-20220315

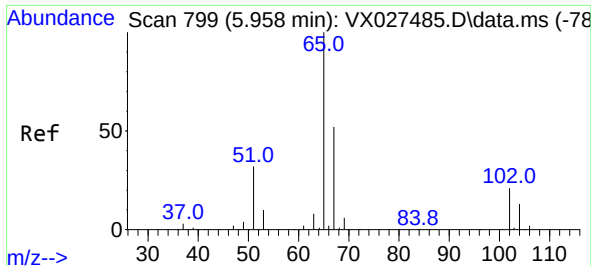
Tgt Ion: 43 Resp: 3281  
Ion Ratio Lower Upper  
43 100  
58 30.9 28.8 43.2



#27  
cis-1,2-Dichloroethene  
Concen: 1.85 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

Tgt Ion: 96 Resp: 7548  
Ion Ratio Lower Upper  
96 100  
61 109.3 0.0 283.8  
98 63.0 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 44.43 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027554.D

Acq: 19 Mar 2022 12:48

Instrument :

MSVOA\_X

ClientSampleId :

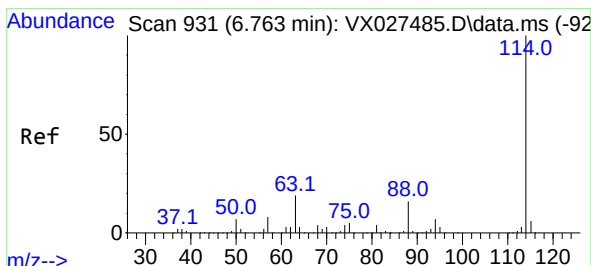
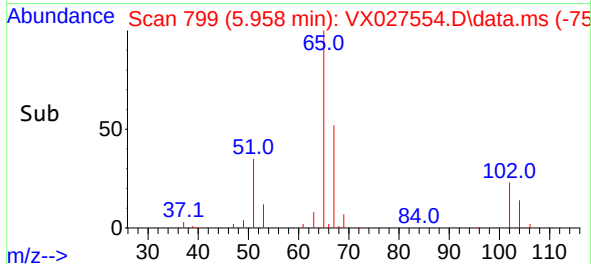
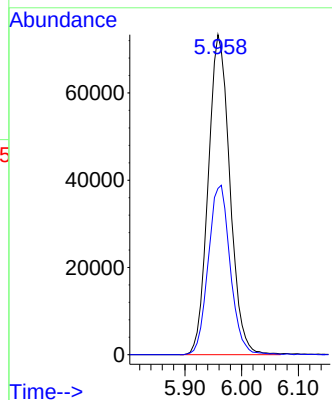
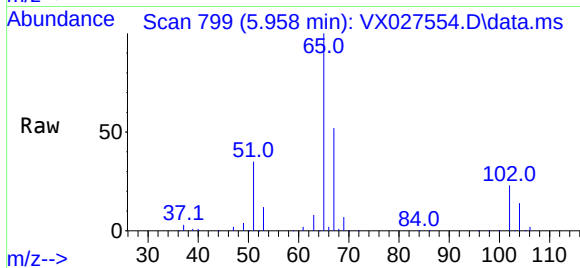
RE-132D4-20220315

Tgt Ion: 65 Resp: 194617

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027554.D

Acq: 19 Mar 2022 12:48

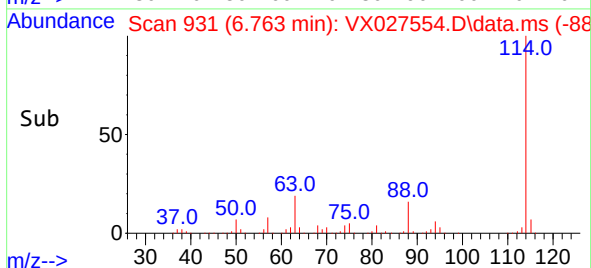
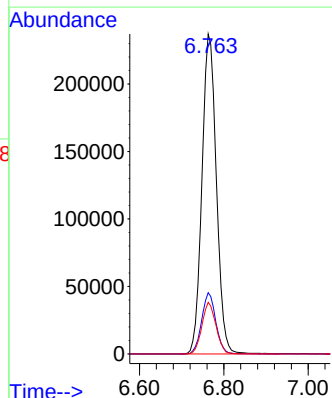
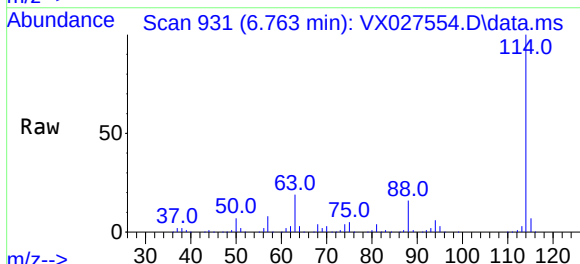
Tgt Ion: 114 Resp: 565543

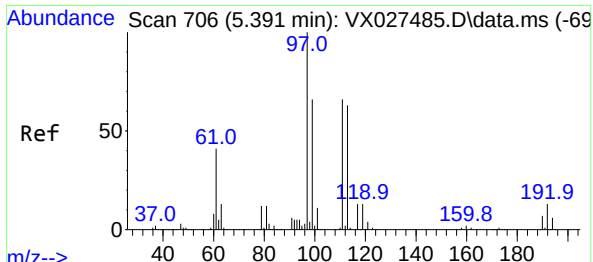
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.1 0.0 32.4

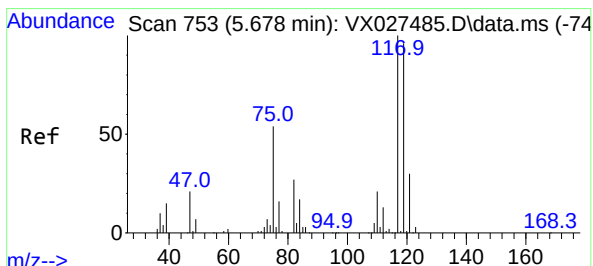
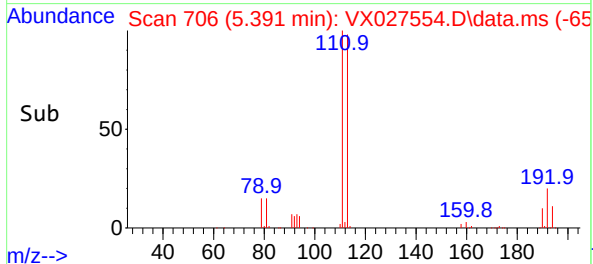
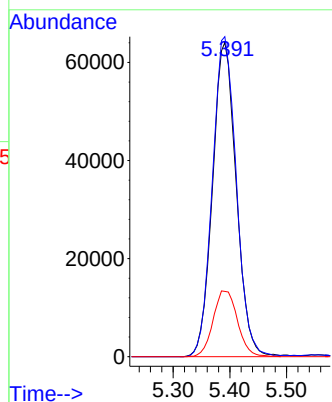
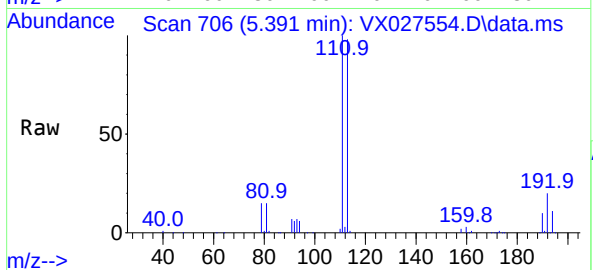




#35  
Dibromofluoromethane  
Concen: 51.15 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

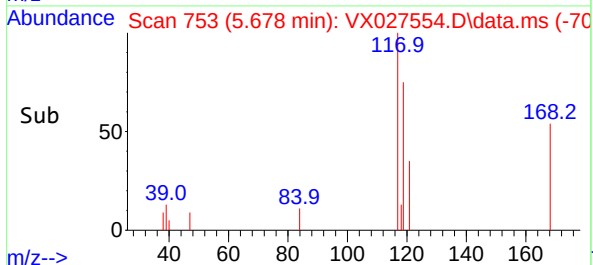
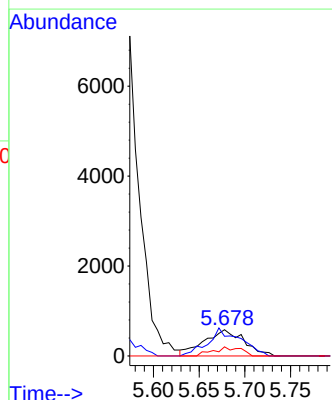
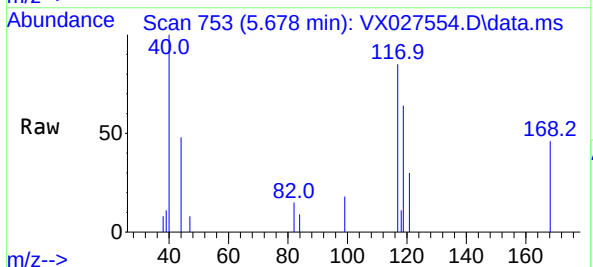
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-132D4-20220315

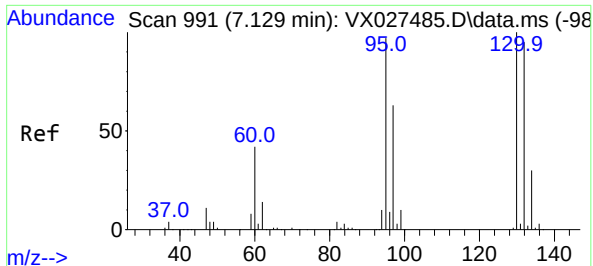
Tgt Ion:113 Resp: 186111  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.8 124.2  
192 21.6 16.9 25.3



#38  
Carbon Tetrachloride  
Concen: 0.31 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

Tgt Ion:117 Resp: 1757  
Ion Ratio Lower Upper  
117 100  
119 75.3 77.3 115.9#  
121 35.0 24.2 36.2

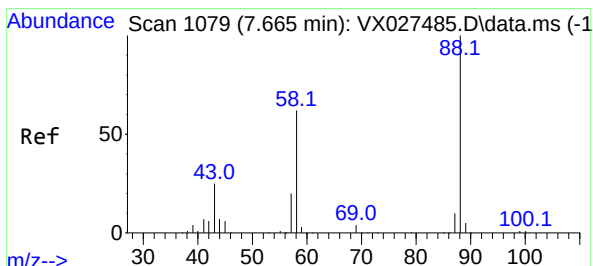
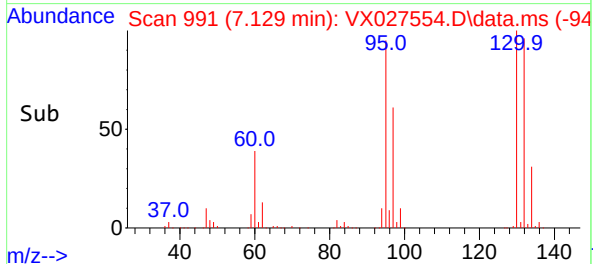
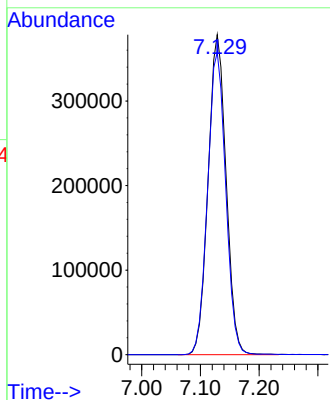
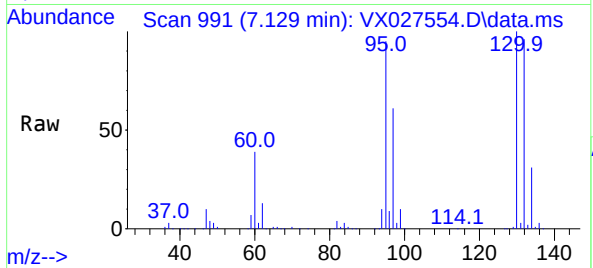




#44  
Trichloroethene  
Concen: 185.77 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

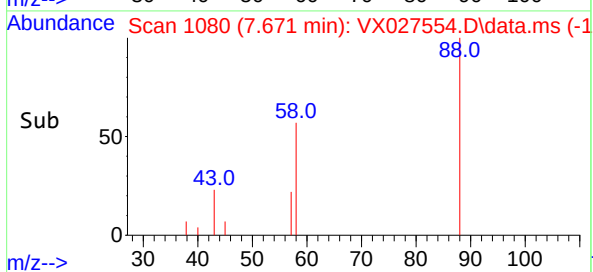
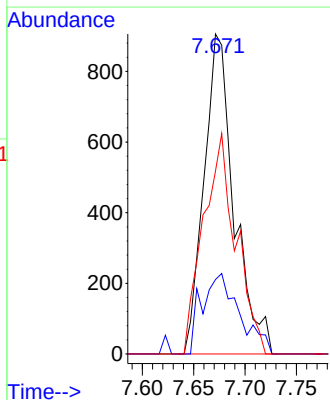
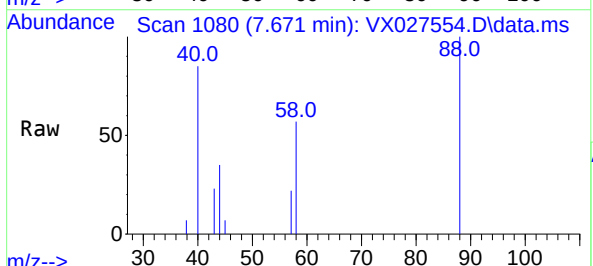
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-132D4-20220315

Tgt Ion:130 Resp: 804493  
Ion Ratio Lower Upper  
130 100  
95 94.5 0.0 188.8

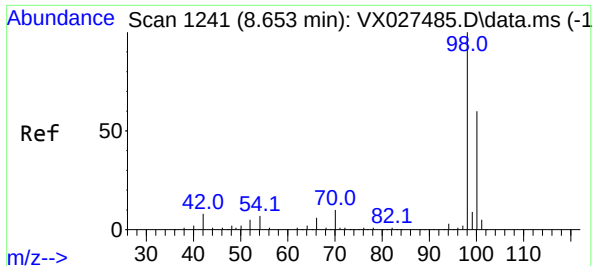


#49  
1,4-Dioxane  
Concen: 18.23 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

Tgt Ion: 88 Resp: 1848  
Ion Ratio Lower Upper  
88 100  
43 31.4 21.9 32.9  
58 74.6 53.7 80.5



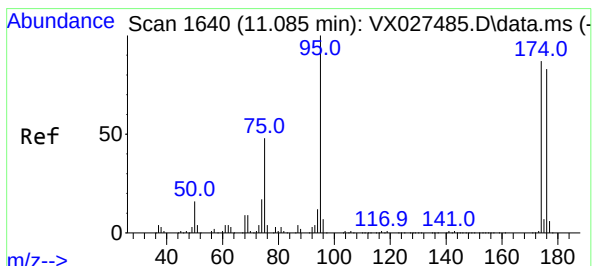
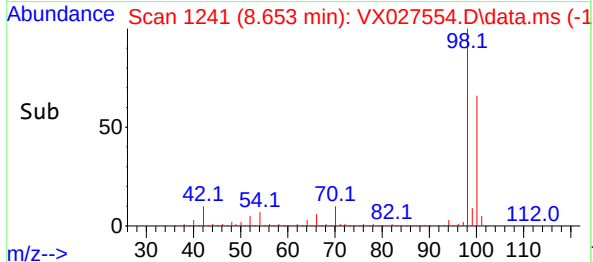
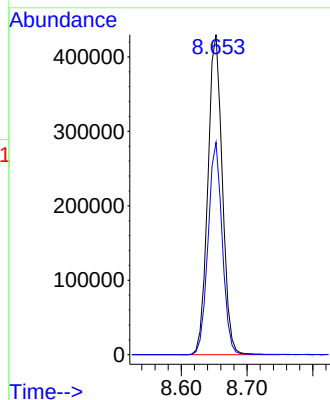
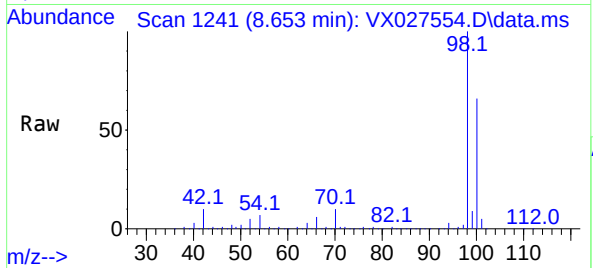




#50  
Toluene-d8  
Concen: 47.79 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

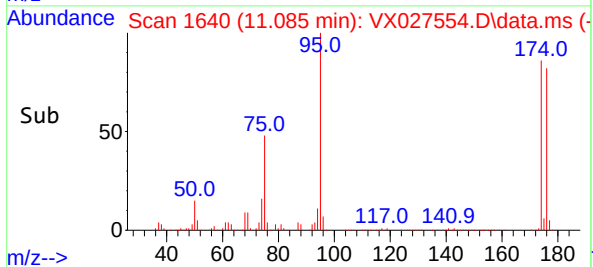
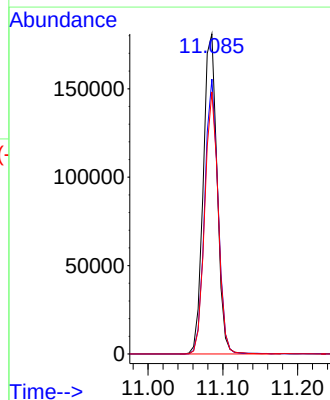
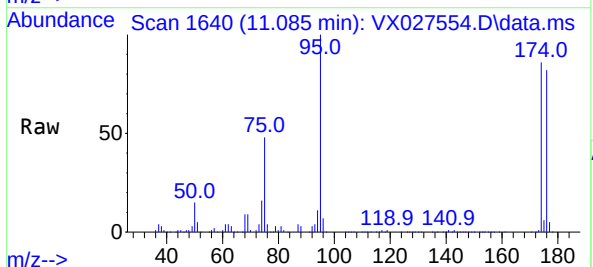
Instrument :  
MSVOA\_X  
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RE-132D4-20220315

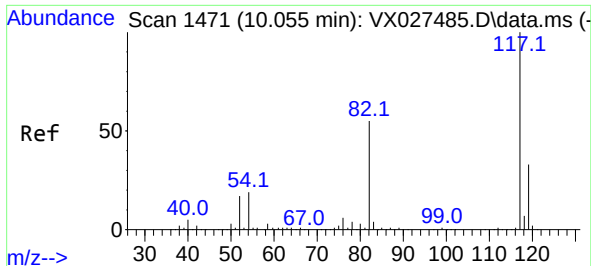
Tgt Ion: 98 Resp: 657961  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 45.94 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

Tgt Ion: 95 Resp: 232509  
Ion Ratio Lower Upper  
95 100  
174 82.9 0.0 163.0  
176 79.6 0.0 155.0

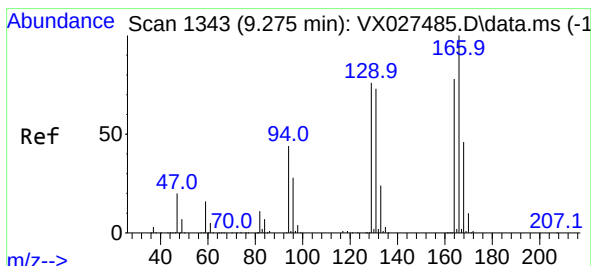
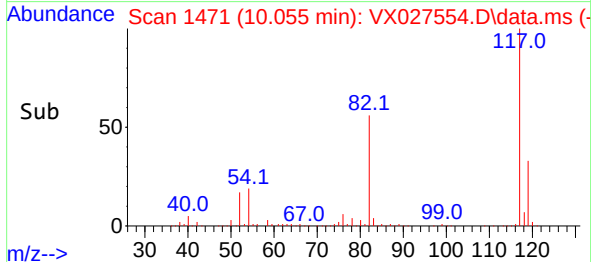
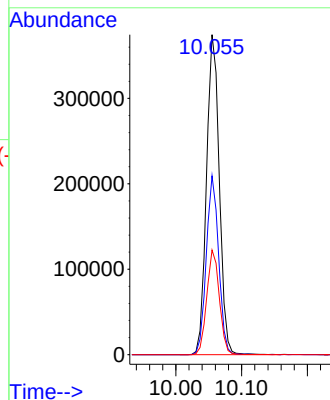
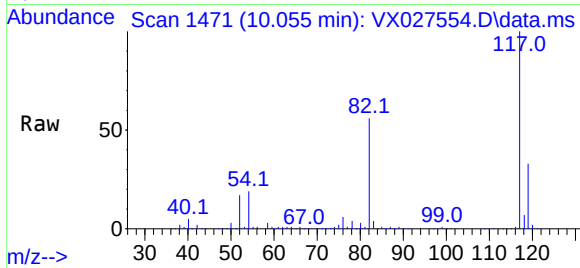




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

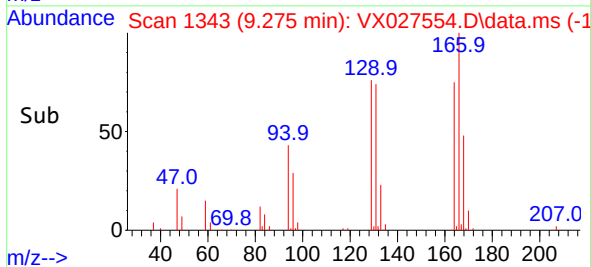
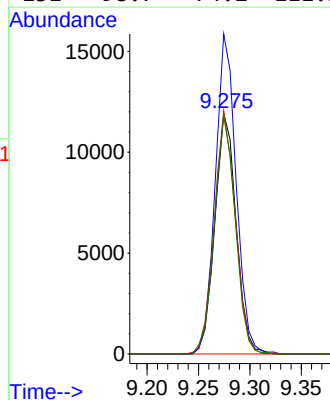
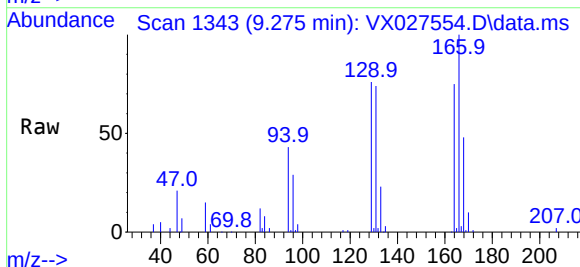
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-132D4-20220315

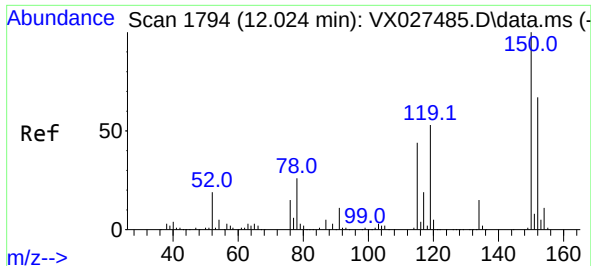
Tgt Ion:117 Resp: 506762  
Ion Ratio Lower Upper  
117 100  
82 55.9 41.8 62.8  
119 32.7 24.8 37.2



#64  
Tetrachloroethene  
Concen: 4.34 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX027554.D  
Acq: 19 Mar 2022 12:48

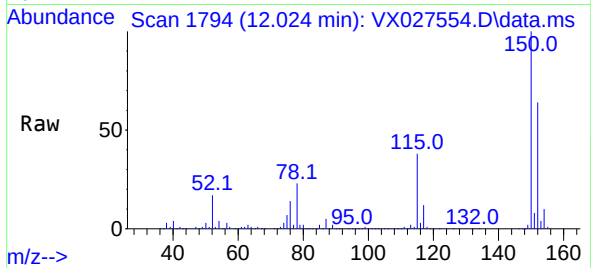
Tgt Ion:164 Resp: 17101  
Ion Ratio Lower Upper  
164 100  
166 132.9 101.2 151.8  
129 101.0 73.0 109.4  
131 98.7 74.2 111.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX027554.D  
 Acq: 19 Mar 2022 12:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE-132D4-20220315



Tgt Ion:152 Resp: 231613  
 Ion Ratio Lower Upper  
 152 100  
 115 59.2 37.5 112.7  
 150 156.4 0.0 338.2

