

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058201.D
 Acq On : 22 Mar 2024 19:09
 Operator : MD/SY
 Sample : P1796-03DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:47:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

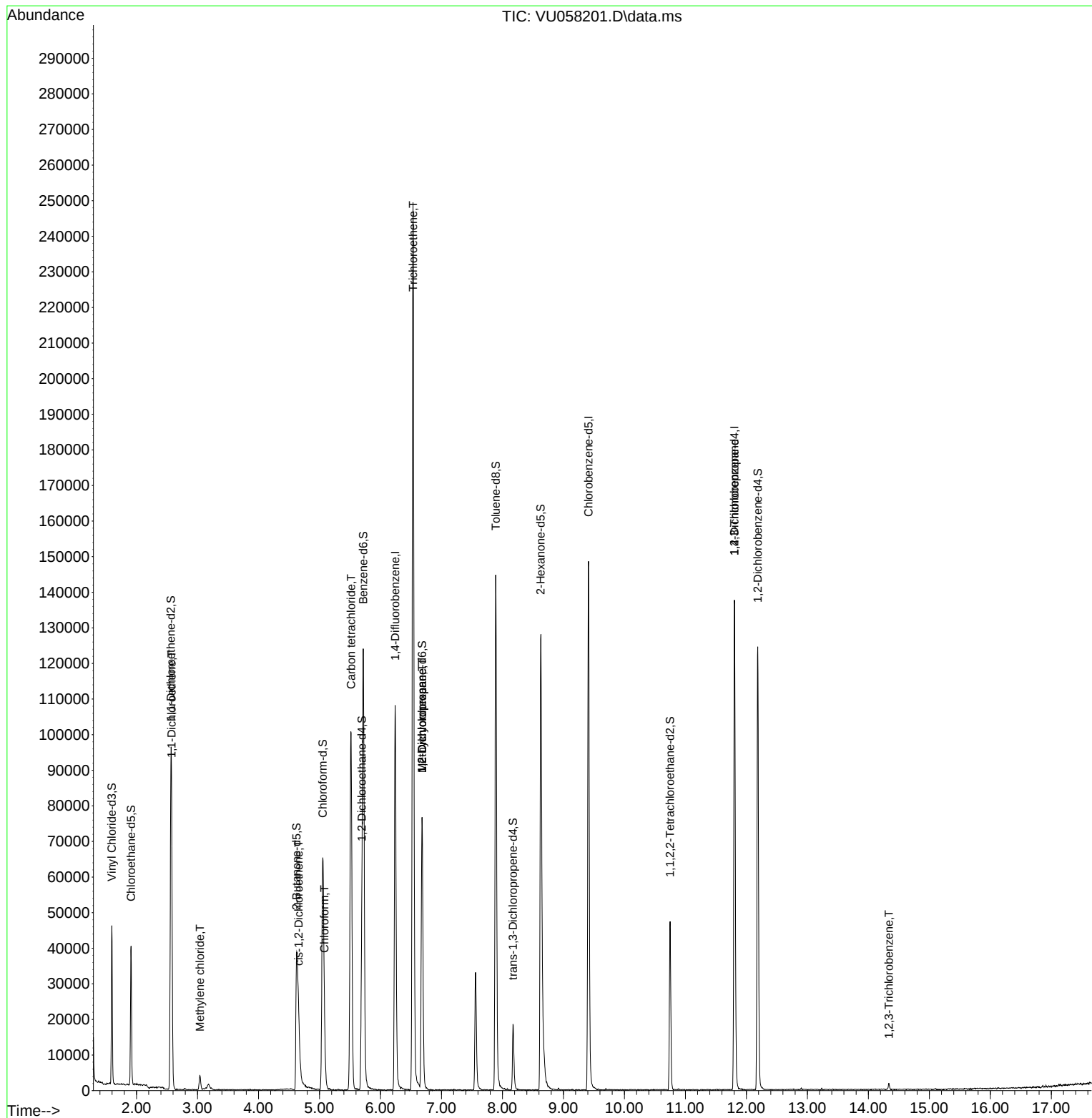
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88311	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30425	4.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.911	69	27129	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.563	65	12741	4.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.624	46	64237	48.451	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.900%
24) Chloroform-d	5.052	84	59369	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	29406	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.718	84	119764	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.682	67	37816	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	101020	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	11413	4.469	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	49054	47.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	24043	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	33211	4.721	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	17149	3.873	ug/L	98
16) Methylene chloride	3.039	84	1781	0.284	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	4729	0.827	ug/L	91
25) Chloroform	5.081	83	12916	1.185	ug/L	99
31) Carbon tetrachloride	5.518	117	70261	9.587	ug/L	96
34) Trichloroethene	6.534	95	86899	15.251	ug/L	97
35) Methylcyclohexane	6.682	83	8419	1.059	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	4217	0.690	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	5124	1.620	ug/L #	66
72) 1,2,3-Trichlorobenzene	14.338	180	751	0.166	ug/L #	91

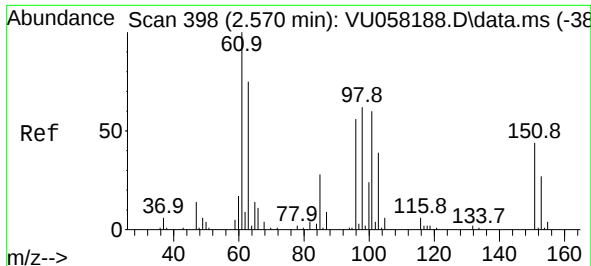
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.873 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU058201.D

Acq: 22 Mar 2024 19:09

Instrument :

MSVOA_U

ClientSampleId :

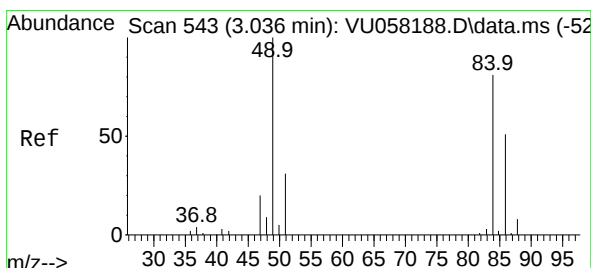
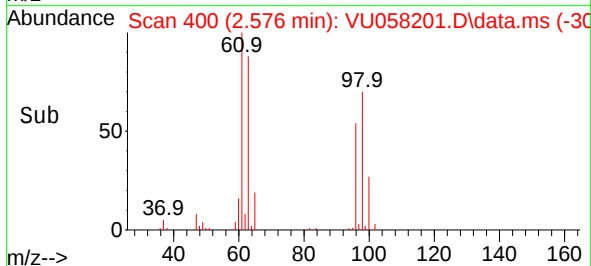
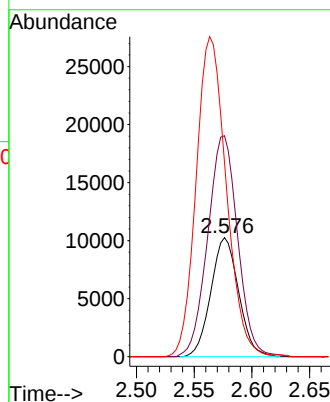
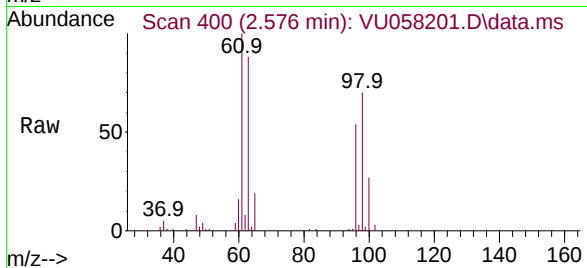
Tgt Ion: 96 Resp: 17149

Ion Ratio Lower Upper

96 100

61 185.7 128.1 237.9

63 163.1 116.8 217.0



#16

Methylene chloride

Concen: 0.284 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058201.D

Acq: 22 Mar 2024 19:09

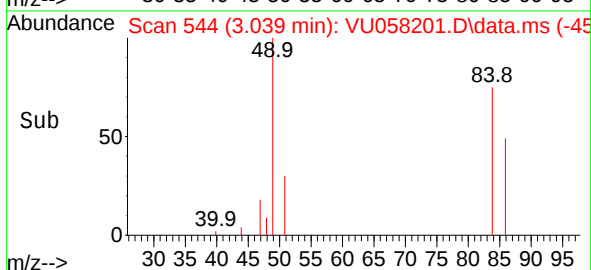
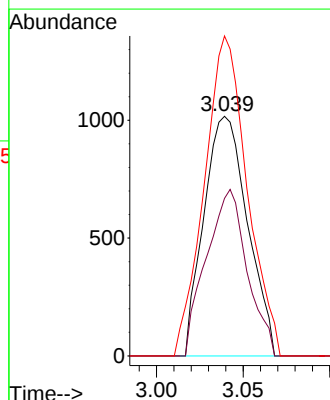
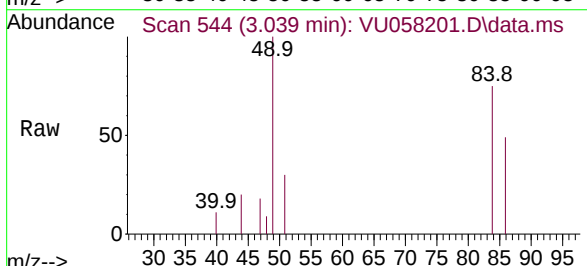
Tgt Ion: 84 Resp: 1781

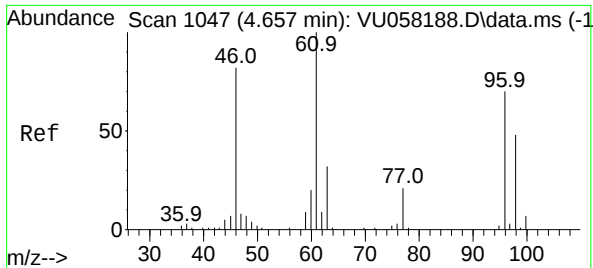
Ion Ratio Lower Upper

84 100

86 65.8 45.6 84.6

49 133.5 88.3 163.9

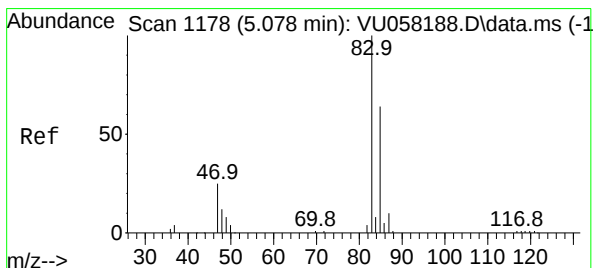
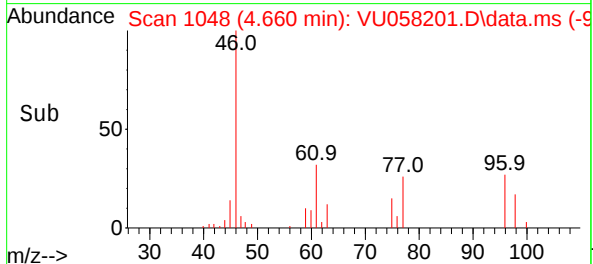
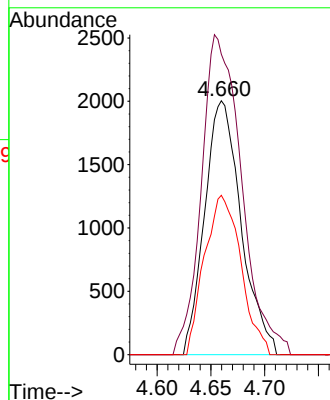
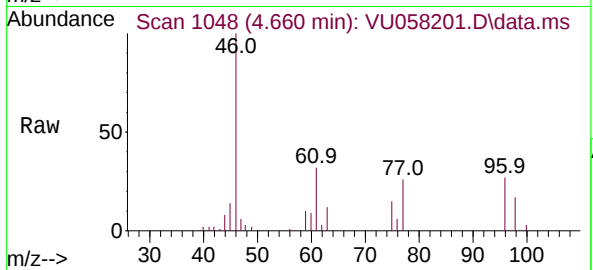




#22
cis-1,2-Dichloroethene
Concen: 0.827 ug/L
RT: 4.660 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VU058201.D
Acq: 22 Mar 2024 19:09

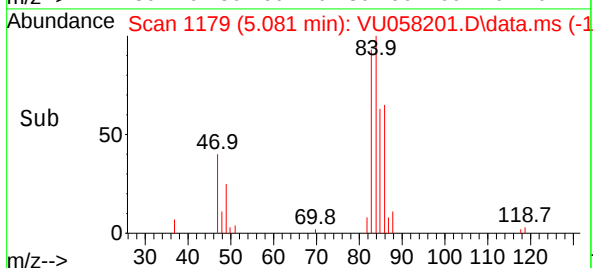
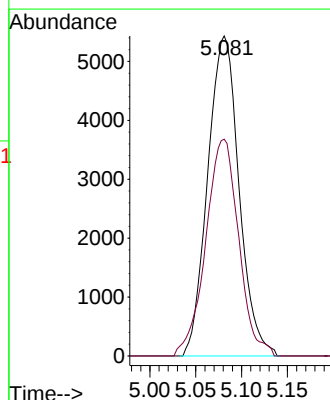
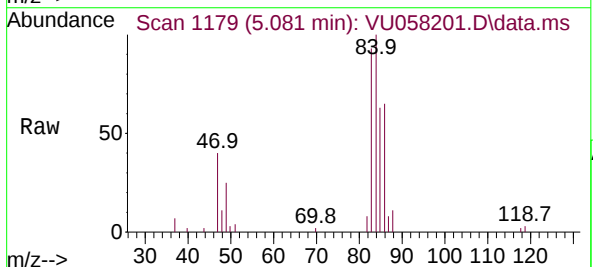
Instrument :
MSVOA_U
ClientSampleId :

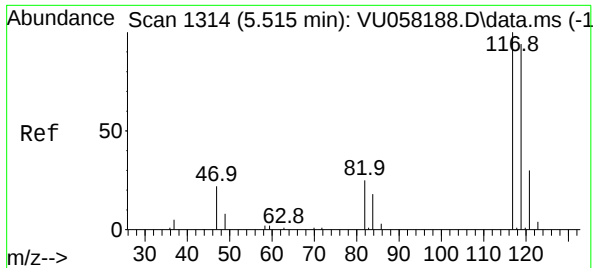
Tgt Ion: 96 Resp: 4729
Ion Ratio Lower Upper
96 100
61 118.3 92.8 172.4
98 62.7 43.2 80.2



#25
Chloroform
Concen: 1.185 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU058201.D
Acq: 22 Mar 2024 19:09

Tgt Ion: 83 Resp: 12916
Ion Ratio Lower Upper
83 100
85 67.8 47.9 88.9

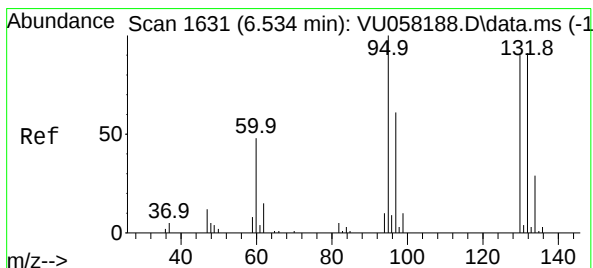
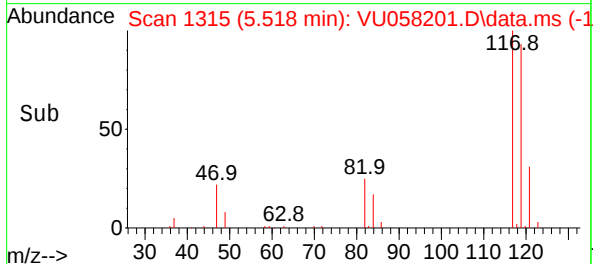
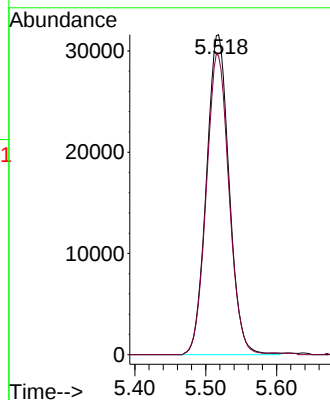
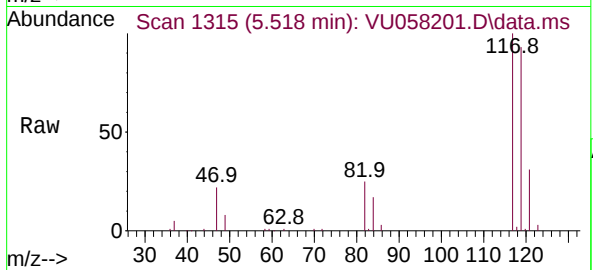




#31
Carbon tetrachloride
Concen: 9.587 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058201.D
Acq: 22 Mar 2024 19:09

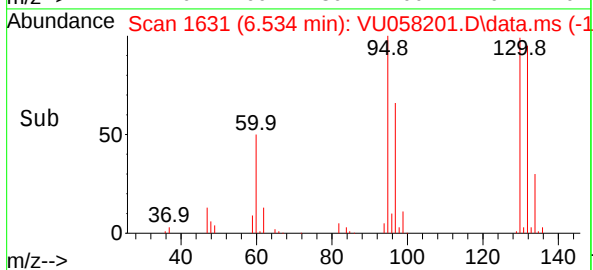
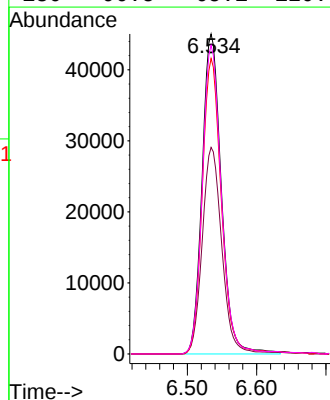
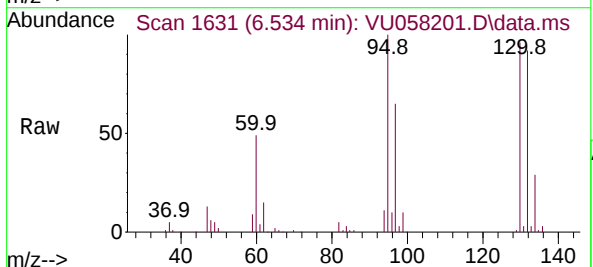
Instrument :
MSVOA_U
ClientSampleId :

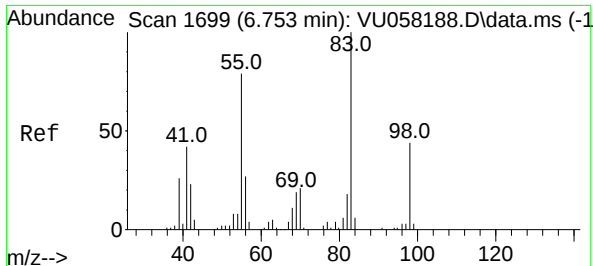
Tgt Ion:117 Resp: 70261
Ion Ratio Lower Upper
117 100
119 94.1 78.1 117.1



#34
Trichloroethene
Concen: 15.251 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058201.D
Acq: 22 Mar 2024 19:09

Tgt Ion: 95 Resp: 86899
Ion Ratio Lower Upper
95 100
97 64.6 47.7 88.7
132 92.3 63.6 118.2
130 96.5 65.1 120.9

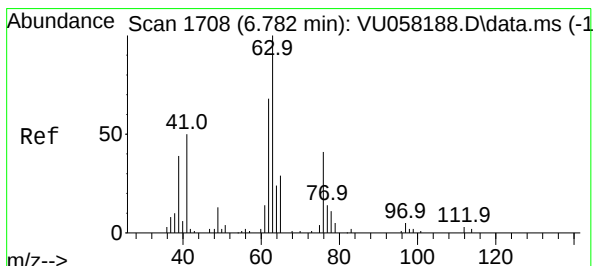
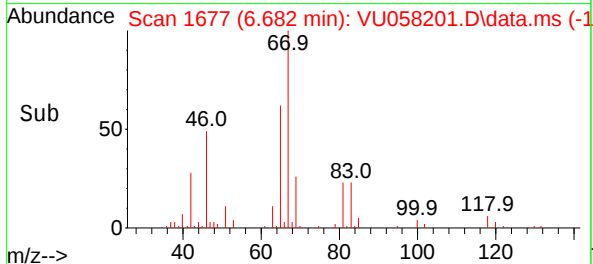
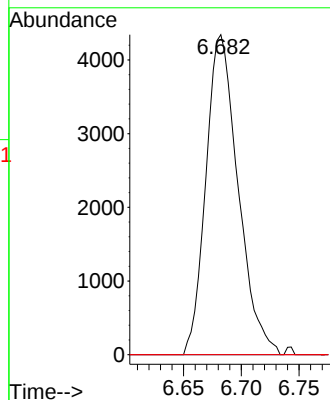
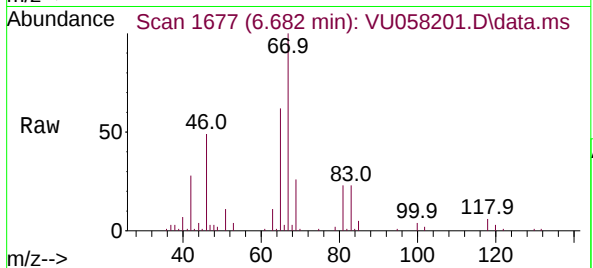




#35
Methylcyclohexane
Concen: 1.059 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU058201.D
Acq: 22 Mar 2024 19:09

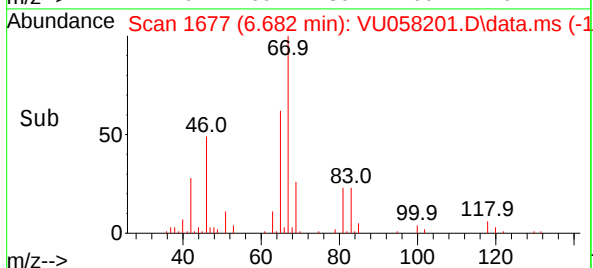
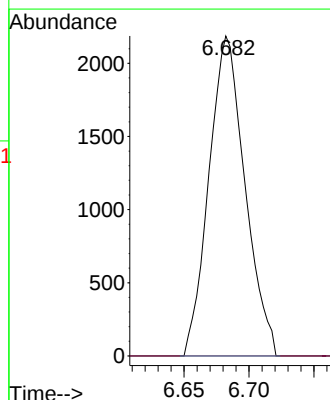
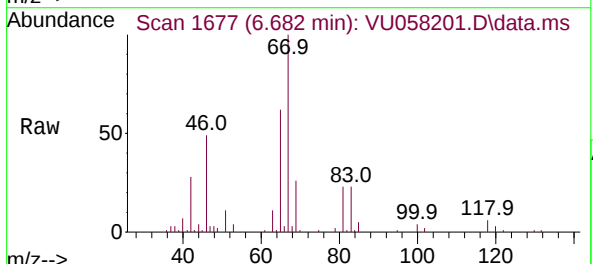
Instrument :
MSVOA_U
ClientSampleId :

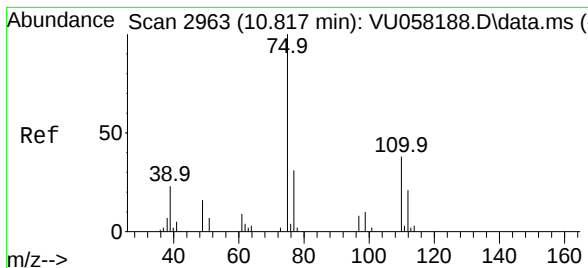
Tgt Ion: 83 Resp: 8419
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058201.D
Acq: 22 Mar 2024 19:09

Tgt Ion: 63 Resp: 4217
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#61

1,2,3-Trichloropropane

Concen: 1.620 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU058201.D

Acq: 22 Mar 2024 19:09

Instrument :

MSVOA_U

ClientSampleId :

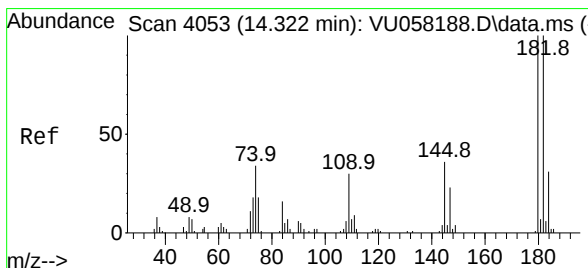
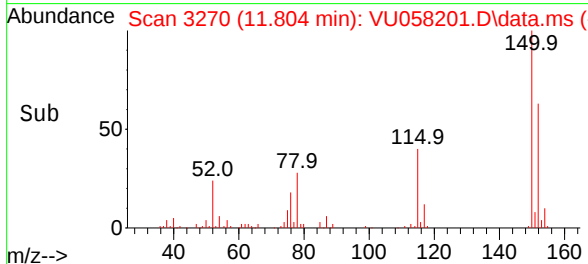
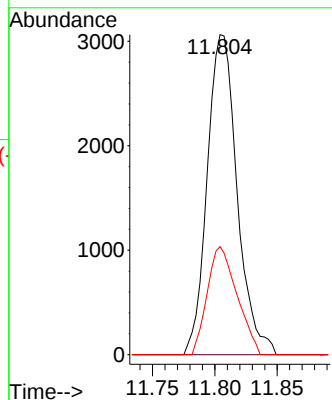
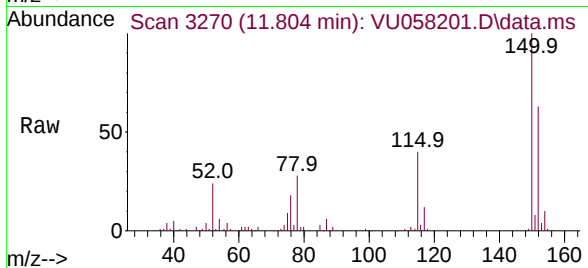
Tgt Ion: 75 Resp: 5124

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 33.5 25.1 37.7



#72

1,2,3-Trichlorobenzene

Concen: 0.166 ug/L

RT: 14.338 min Scan# 4058

Delta R.T. 0.016 min

Lab File: VU058201.D

Acq: 22 Mar 2024 19:09

Tgt Ion:180 Resp: 751

Ion Ratio Lower Upper

180 100

182 98.0 74.4 111.6

145 21.2 26.3 39.5#

