

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058193.D
 Acq On : 22 Mar 2024 15:15
 Operator : MD/SY
 Sample : P1796-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:45:05 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)

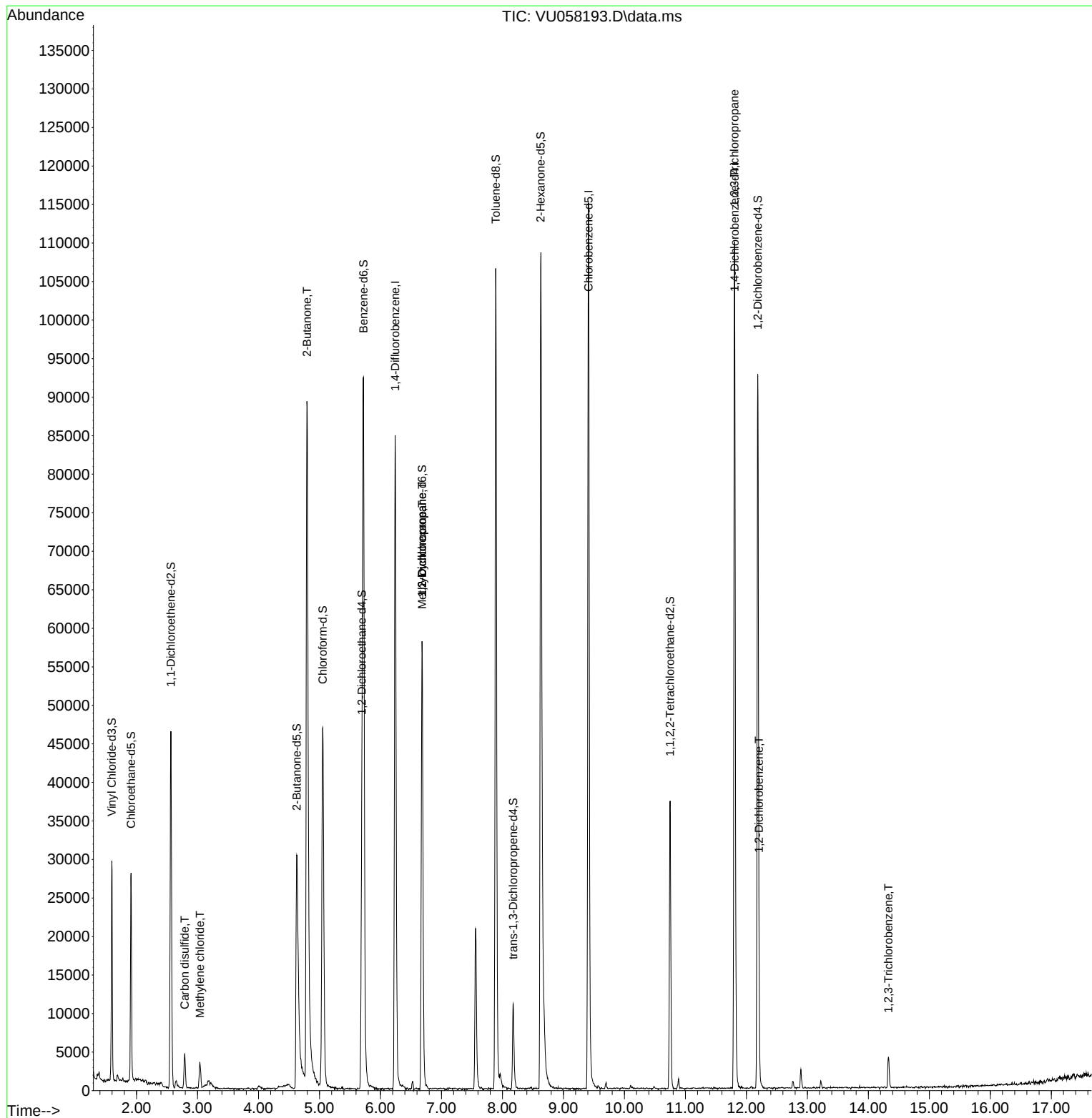
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29918	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19183	3.298	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.911	69	19112	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.563	65	9243	3.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.628	46	54016	52.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.540%
24) Chloroform-d	5.052	84	45078	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.695	65	23028	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	89284	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.682	67	28848	4.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.891	98	72906	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	7542	3.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.627	63	39647	47.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19443	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	25096	4.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						Qvalue
14) Carbon disulfide	2.792	76	5963	0.773	ug/L	98
16) Methylene chloride	3.039	84	1628	0.333	ug/L	91
21) 2-Butanone	4.795	43	129145	127.087	ug/L #	47
35) Methylcyclohexane	6.685	83	6347	0.997	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3004	0.614	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4137	1.651	ug/L #	66
67) 1,2-Dichlorobenzene	12.206	146	971	0.125	ug/L	95
72) 1,2,3-Trichlorobenzene	14.328	180	1758	0.492	ug/L	88

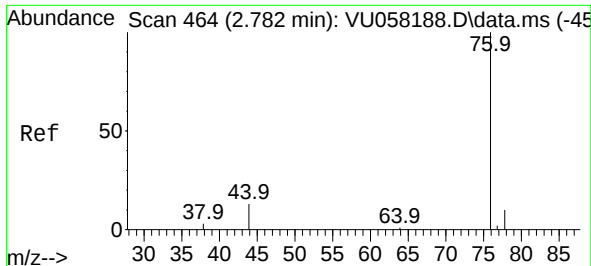
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
Data File : VU058193.D
Acq On : 22 Mar 2024 15:15
Operator : MD/SY
Sample : P1796-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 22 23:45:05 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





#14

Carbon disulfide

Concen: 0.773 ug/L

RT: 2.792 min Scan# 4

Delta R.T. 0.010 min

Lab File: VU058193.D

Acq: 22 Mar 2024 15:15

Instrument :

MSVOA_U

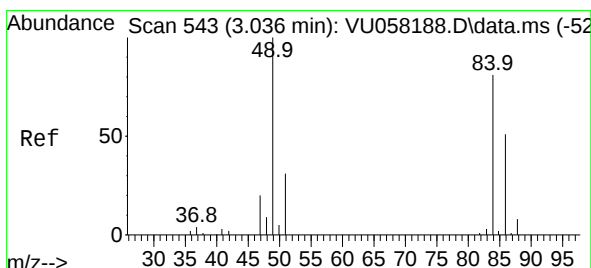
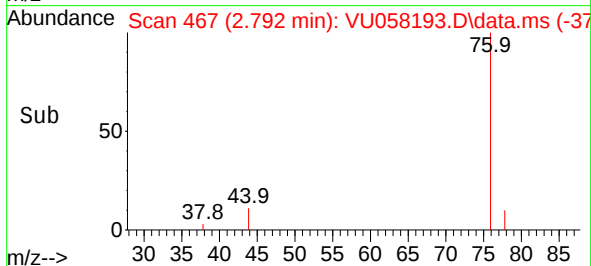
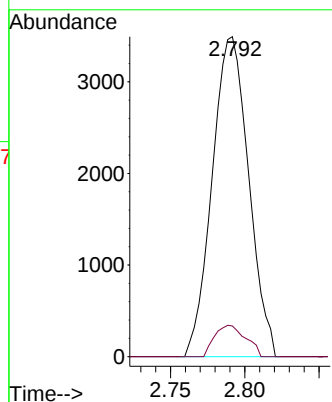
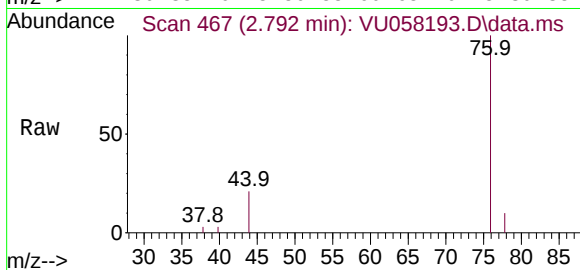
ClientSampleId :

Tgt Ion: 76 Resp: 5963

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#16

Methylene chloride

Concen: 0.333 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058193.D

Acq: 22 Mar 2024 15:15

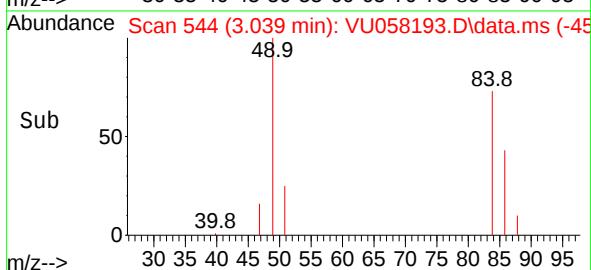
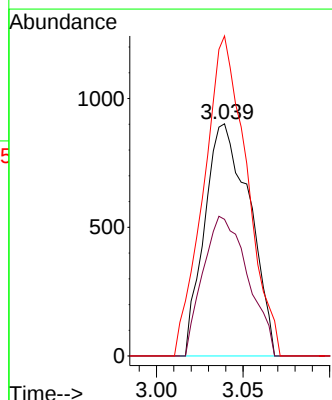
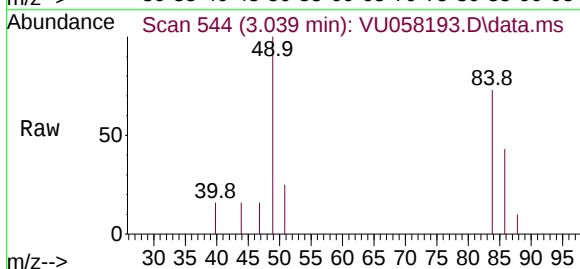
Tgt Ion: 84 Resp: 1628

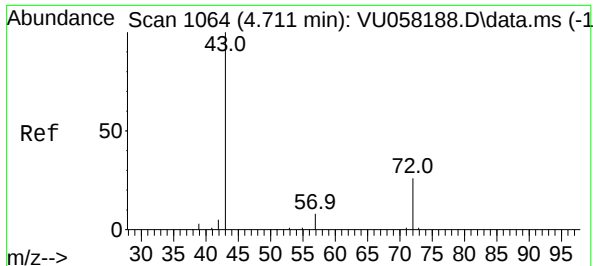
Ion Ratio Lower Upper

84 100

86 58.9 45.6 84.6

49 137.8 88.3 163.9

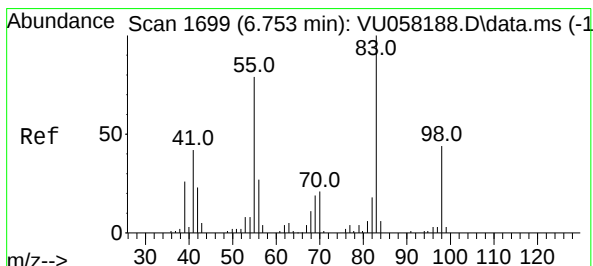
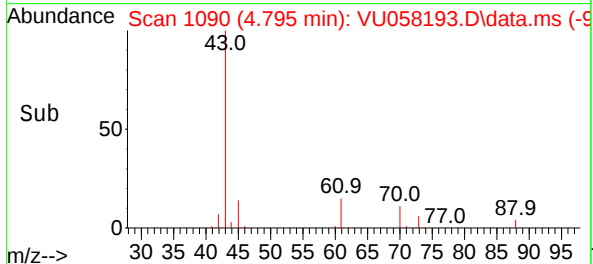
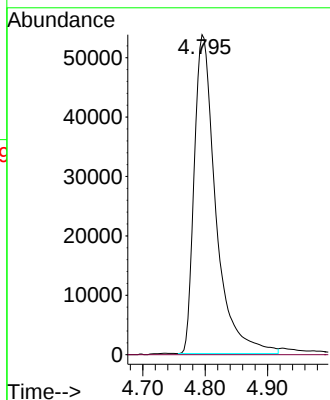
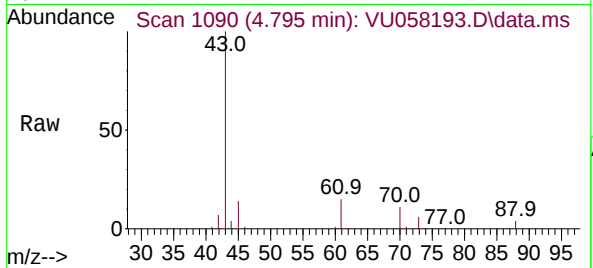




#21
2-Butanone
Concen: 127.087 ug/L
RT: 4.795 min Scan# 1090
Delta R.T. 0.084 min
Lab File: VU058193.D
Acq: 22 Mar 2024 15:15

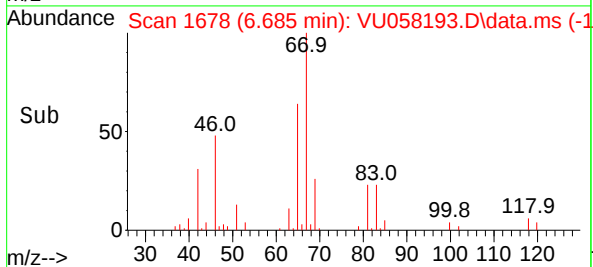
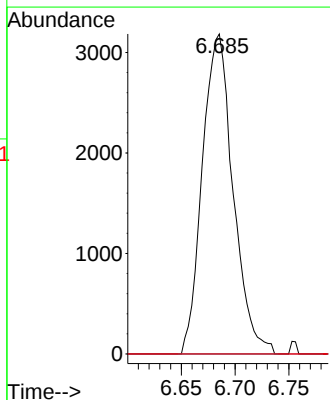
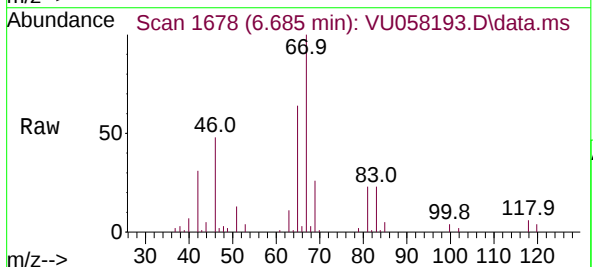
Instrument :
MSVOA_U
ClientSampleId :

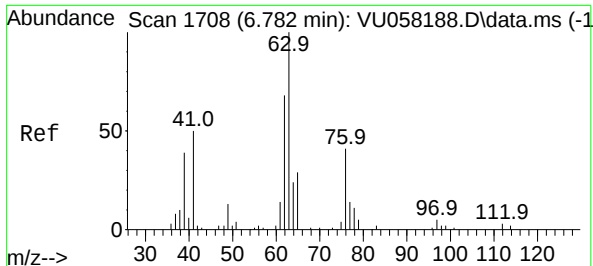
Tgt Ion: 43 Resp: 129145
Ion Ratio Lower Upper
43 100
72 0.0 14.0 41.9#



#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.067 min
Lab File: VU058193.D
Acq: 22 Mar 2024 15:15

Tgt Ion: 83 Resp: 6347
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 1.4 37.3 55.9#

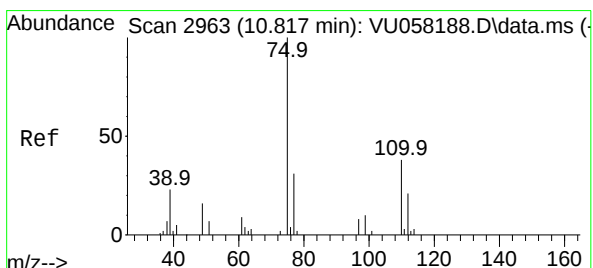
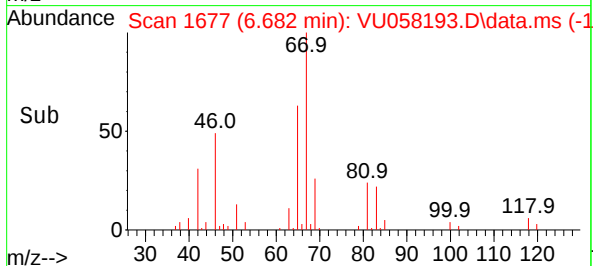
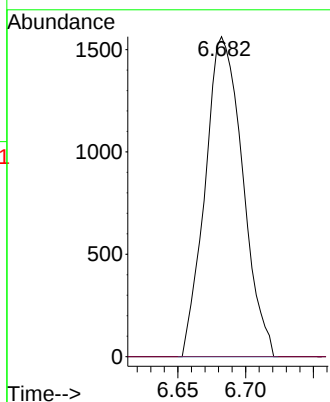
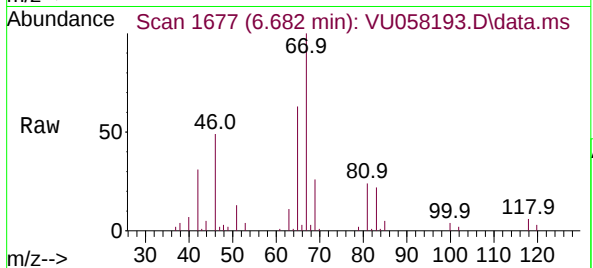




#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058193.D
Acq: 22 Mar 2024 15:15

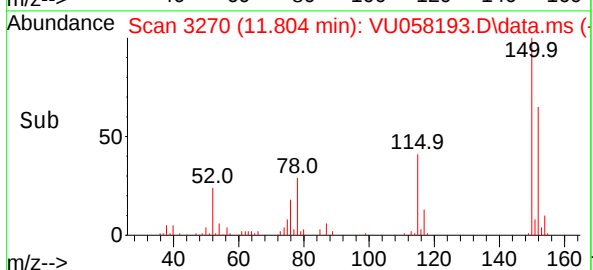
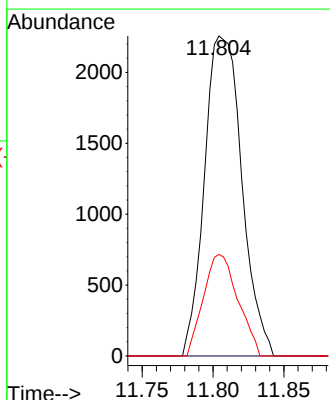
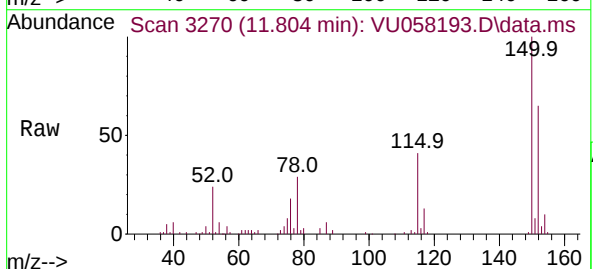
Instrument :
MSVOA_U
ClientSampleId :

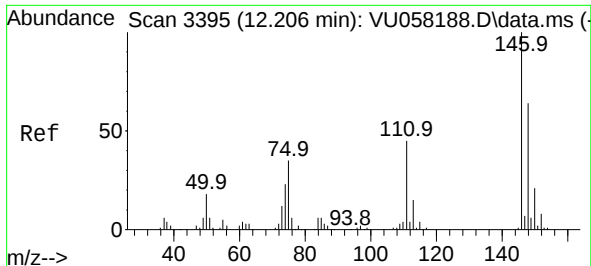
Tgt Ion: 63 Resp: 3004
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#61
1,2,3-Trichloropropane
Concen: 1.651 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058193.D
Acq: 22 Mar 2024 15:15

Tgt Ion: 75 Resp: 4137
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 29.2 25.1 37.7





#67

1,2-Dichlorobenzene

Concen: 0.125 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

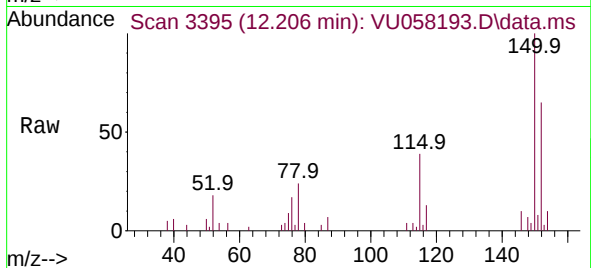
Lab File: VU058193.D

Acq: 22 Mar 2024 15:15

Instrument :

MSVOA_U

ClientSampleId :



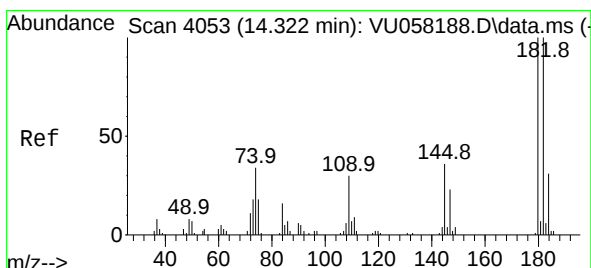
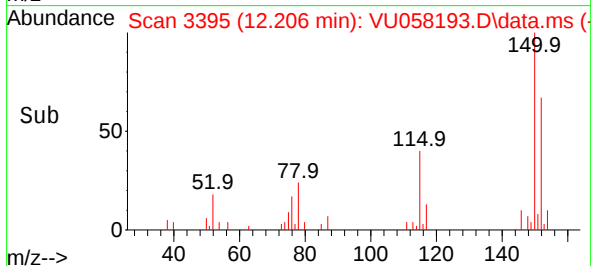
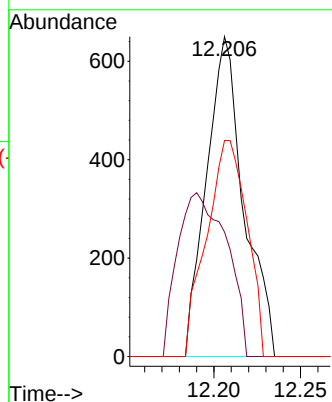
Tgt Ion:146 Resp: 971

Ion Ratio Lower Upper

146 100

111 38.9 35.9 53.9

148 67.5 52.4 78.6



#72

1,2,3-Trichlorobenzene

Concen: 0.492 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU058193.D

Acq: 22 Mar 2024 15:15

Tgt Ion:180 Resp: 1758

Ion Ratio Lower Upper

180 100

182 106.4 74.4 111.6

145 30.3 26.3 39.5

