

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058195.D
 Acq On : 22 Mar 2024 16:24
 Operator : MD/SY
 Sample : P1796-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

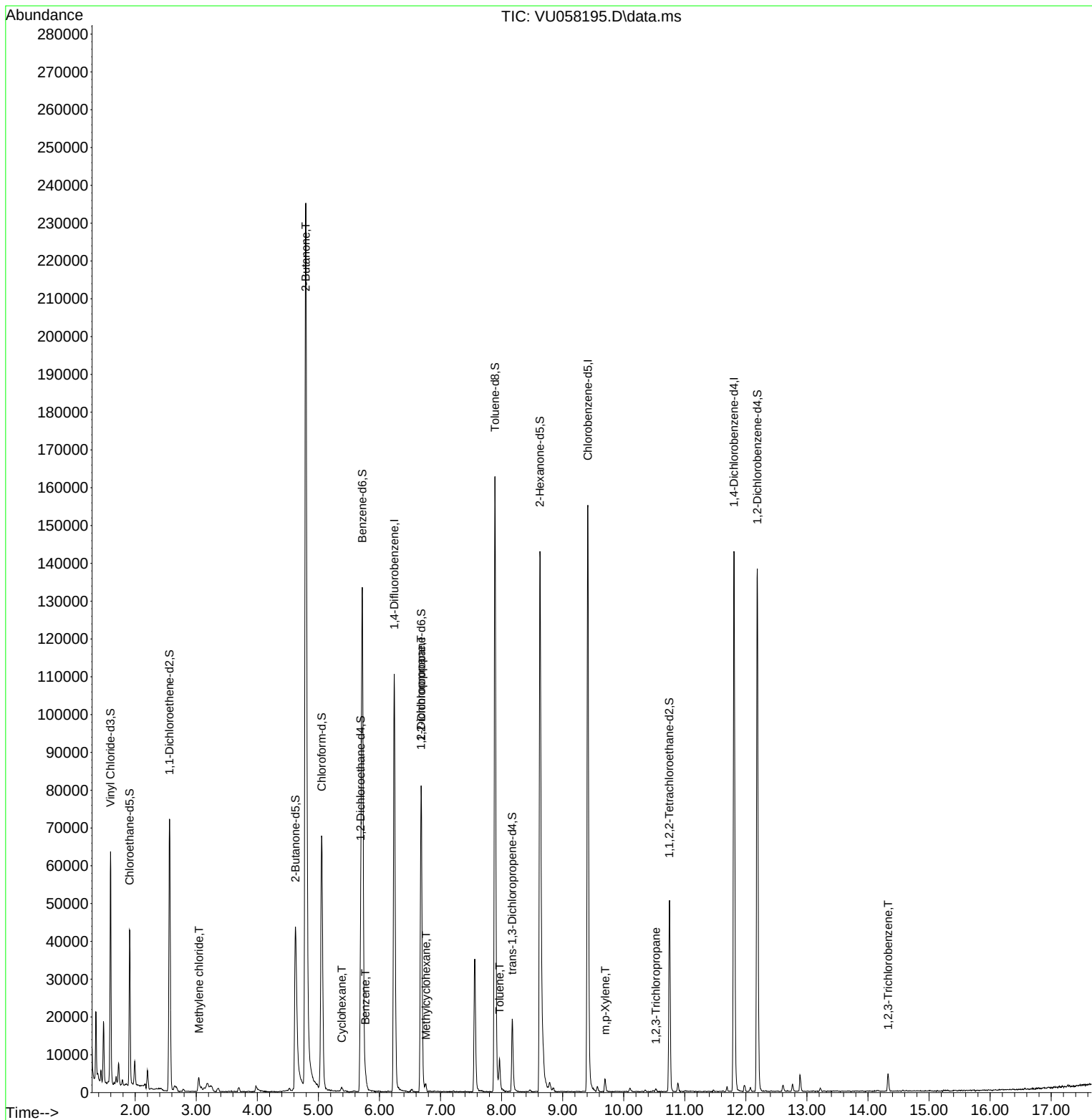
Quant Time: Mar 22 23:45:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

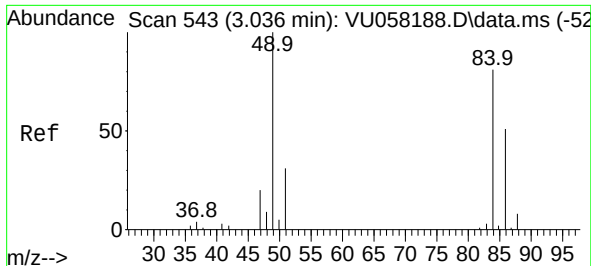
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91658	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.805	152	38590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33248	4.292	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.908	69	29127	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.561	65	14319	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.625	46	70562	51.278	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.560%
24) Chloroform-d	5.052	84	63852	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	31378	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	128909	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.683	67	40486	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	111450	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	11959	4.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.628	63	52046	48.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.880%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	26658	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	36466	5.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	1667	0.256	ug/L	91
21) 2-Butanone	4.792	43	335160	247.712	ug/L #	47
30) Cyclohexane	5.380	56	574	0.073	ug/L #	78
33) Benzene	5.769	78	3434	0.151	ug/L	100
35) Methylcyclohexane	6.763	83	878	0.106	ug/L #	72
37) 1,2-Dichloropropane	6.679	63	4420	0.697	ug/L #	90
42) Toluene	7.965	91	6067	0.253	ug/L	100
53) m,p-Xylene	9.695	106	1151	0.121	ug/L	98
61) 1,2,3-Trichloropropane	10.528	75	554	0.171	ug/L #	41
72) 1,2,3-Trichlorobenzene	14.329	180	1919	0.416	ug/L	97

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

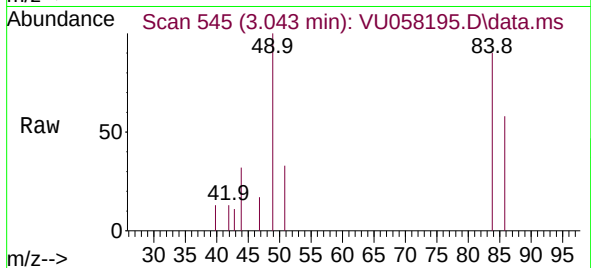
Quant Time: Mar 22 23:45:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 22 23:43:24 2024
Response via : Initial Calibration



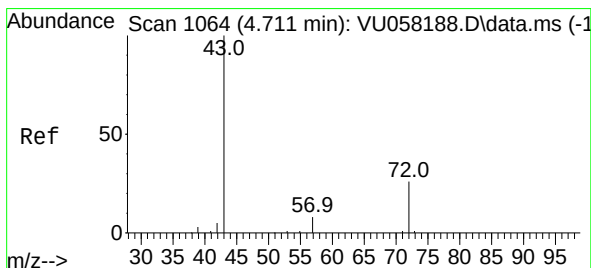
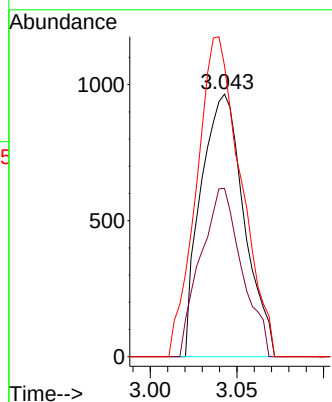
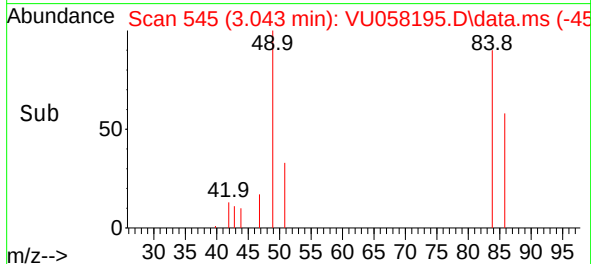


#16
Methylene chloride
Concen: 0.256 ug/L
RT: 3.043 min Scan# 543
Delta R.T. 0.007 min
Lab File: VU058195.D
Acq: 22 Mar 2024 16:24

Instrument :
MSVOA_U
ClientSampleId :

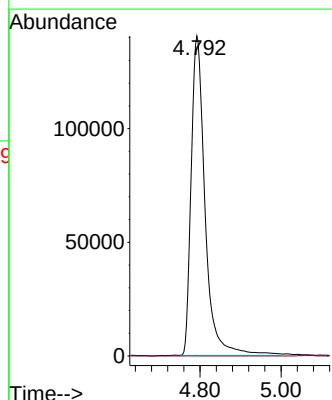
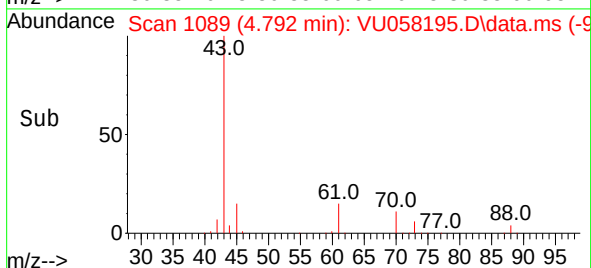
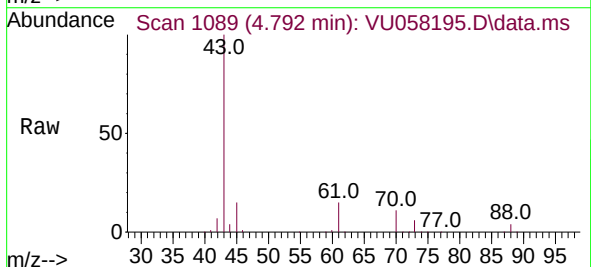


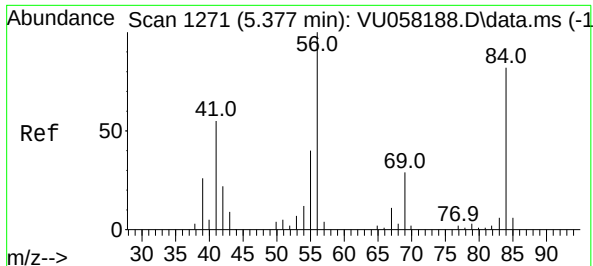
Tgt Ion: 84 Resp: 1667
Ion Ratio Lower Upper
84 100
86 64.1 45.6 84.6
49 110.8 88.3 163.9



#21
2-Butanone
Concen: 247.712 ug/L
RT: 4.792 min Scan# 1089
Delta R.T. 0.081 min
Lab File: VU058195.D
Acq: 22 Mar 2024 16:24

Tgt Ion: 43 Resp: 335160
Ion Ratio Lower Upper
43 100
72 0.0 14.0 41.9#





#30

Cyclohexane

Concen: 0.073 ug/L

RT: 5.380 min Scan# 1271

Delta R.T. 0.004 min

Lab File: VU058195.D

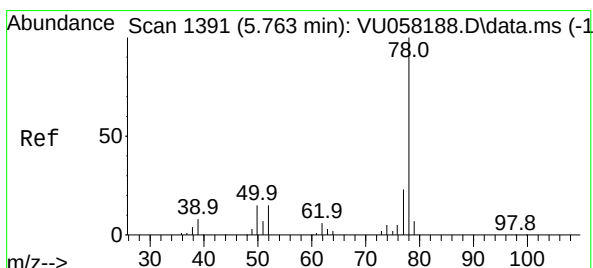
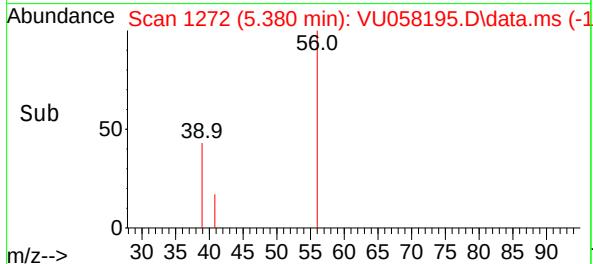
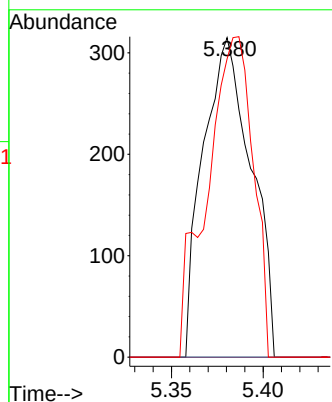
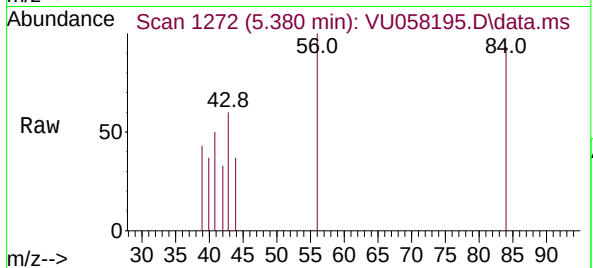
Acq: 22 Mar 2024 16:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	574
Ion	Ratio	Lower	Upper
56	100		
69	0.0	24.2	36.2#
84	96.3	69.7	104.5



#33

Benzene

Concen: 0.151 ug/L

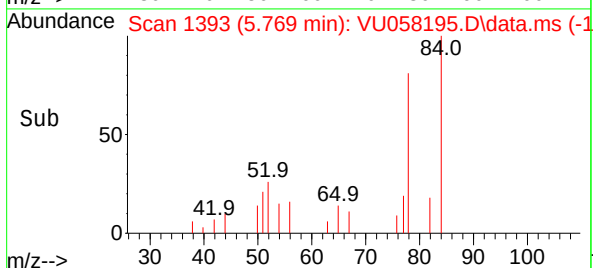
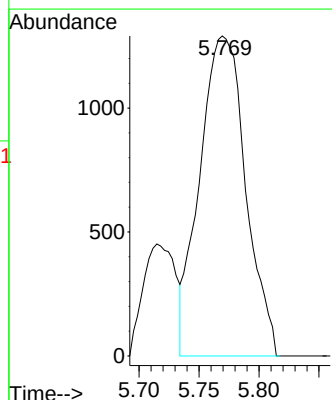
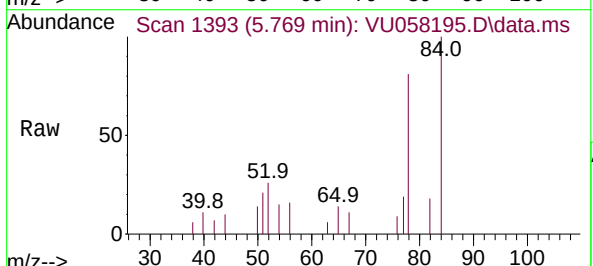
RT: 5.769 min Scan# 1393

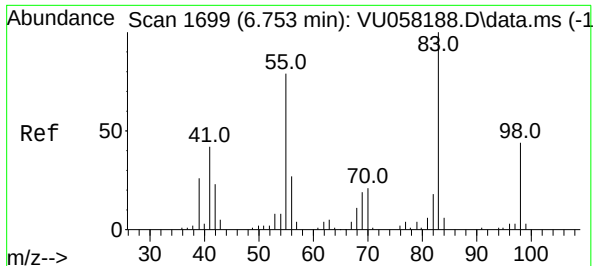
Delta R.T. 0.007 min

Lab File: VU058195.D

Acq: 22 Mar 2024 16:24

Tgt Ion: 78 Resp: 3434





#35

Methylcyclohexane

Concen: 0.106 ug/L

RT: 6.763 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU058195.D

Acq: 22 Mar 2024 16:24

Instrument :

MSVOA_U

ClientSampleId :

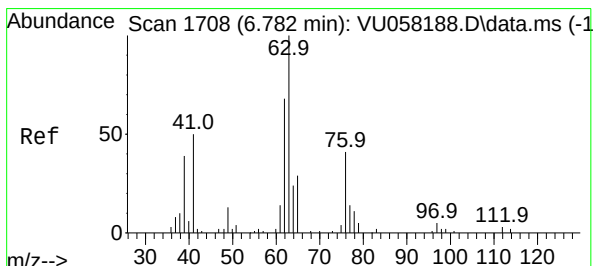
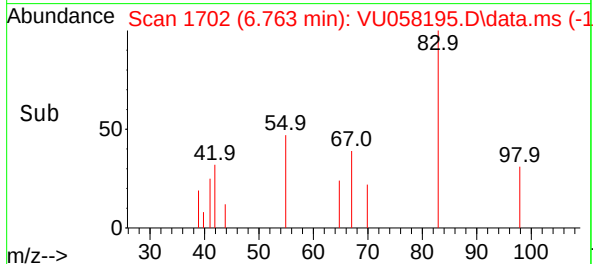
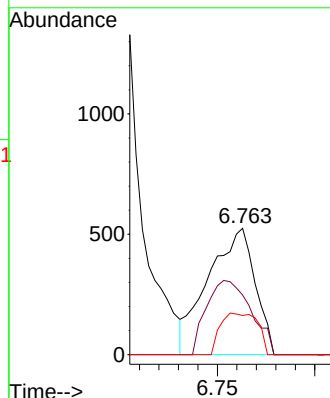
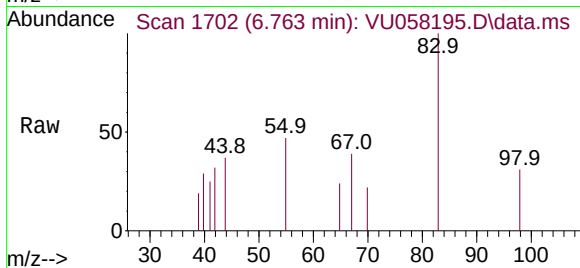
Tgt Ion: 83 Resp: 878

Ion Ratio Lower Upper

83 100

55 55.8 62.7 94.1#

98 26.1 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.697 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU058195.D

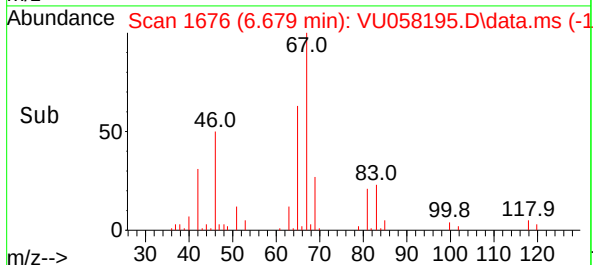
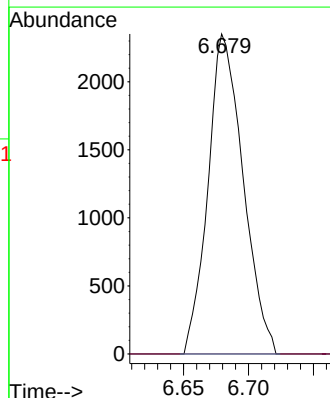
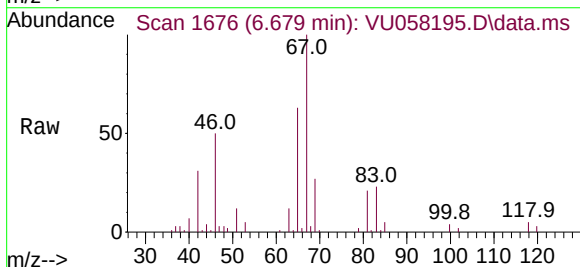
Acq: 22 Mar 2024 16:24

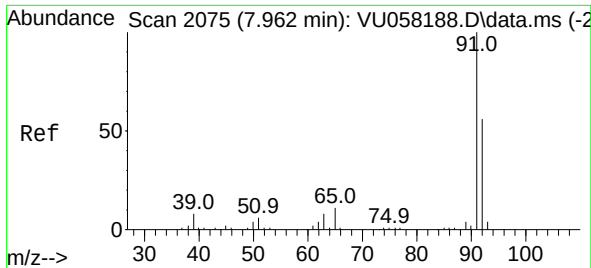
Tgt Ion: 63 Resp: 4420

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#42

Toluene

Concen: 0.253 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.004 min

Lab File: VU058195.D

Acq: 22 Mar 2024 16:24

Instrument :

MSVOA_U

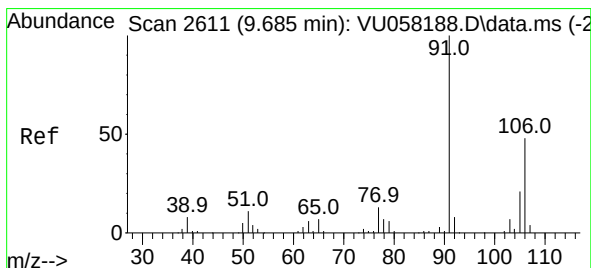
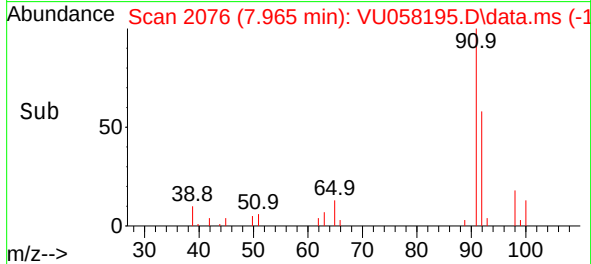
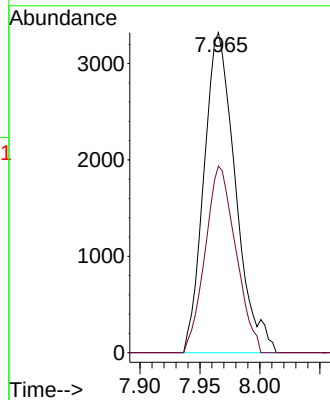
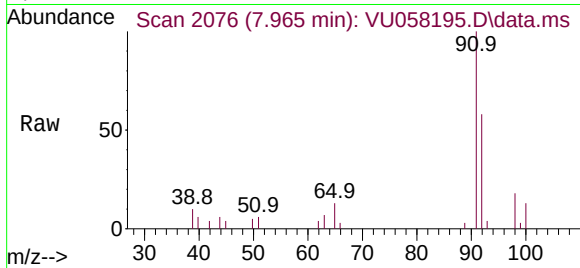
ClientSampleId :

Tgt Ion: 91 Resp: 6067

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5



#53

m,p-Xylene

Concen: 0.121 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.010 min

Lab File: VU058195.D

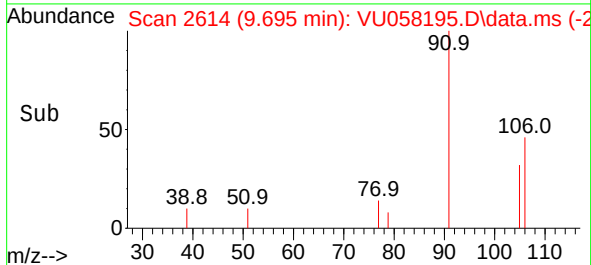
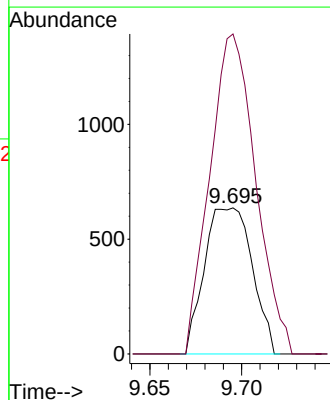
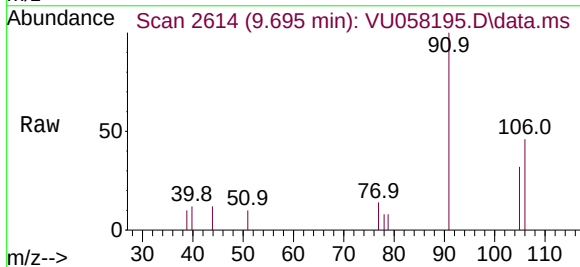
Acq: 22 Mar 2024 16:24

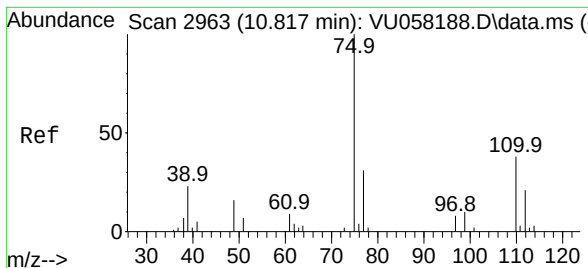
Tgt Ion:106 Resp: 1151

Ion Ratio Lower Upper

106 100

91 219.2 151.0 280.4





#61

1,2,3-Trichloropropane

Concen: 0.171 ug/L

RT: 10.528 min Scan# 21

Delta R.T. -0.289 min

Lab File: VU058195.D

Acq: 22 Mar 2024 16:24

Instrument :

MSVOA_U

ClientSampleId :

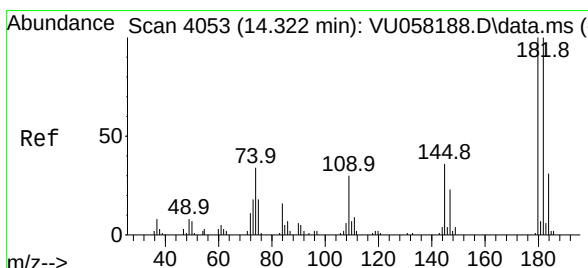
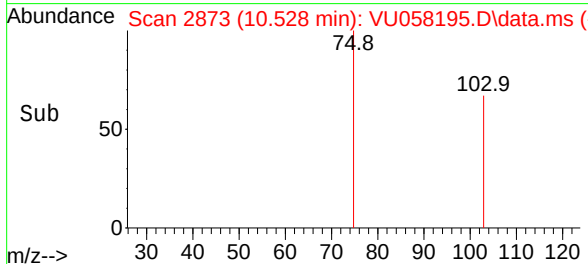
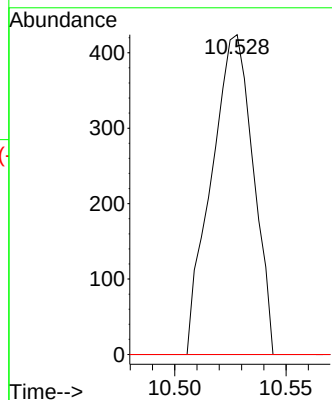
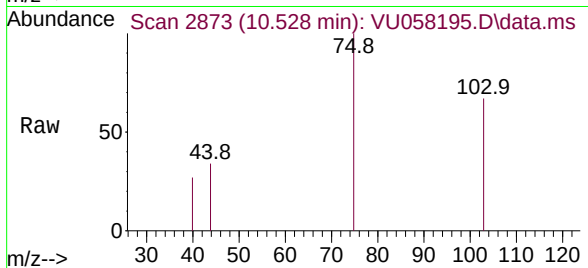
Tgt Ion: 75 Resp: 554

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 0.0 25.1 37.7#



#72

1,2,3-Trichlorobenzene

Concen: 0.416 ug/L

RT: 14.329 min Scan# 4055

Delta R.T. 0.007 min

Lab File: VU058195.D

Acq: 22 Mar 2024 16:24

Tgt Ion:180 Resp: 1919

Ion Ratio Lower Upper

180 100

182 90.1 74.4 111.6

145 30.7 26.3 39.5

