

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058197.D
 Acq On : 22 Mar 2024 17:35
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:46:24 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

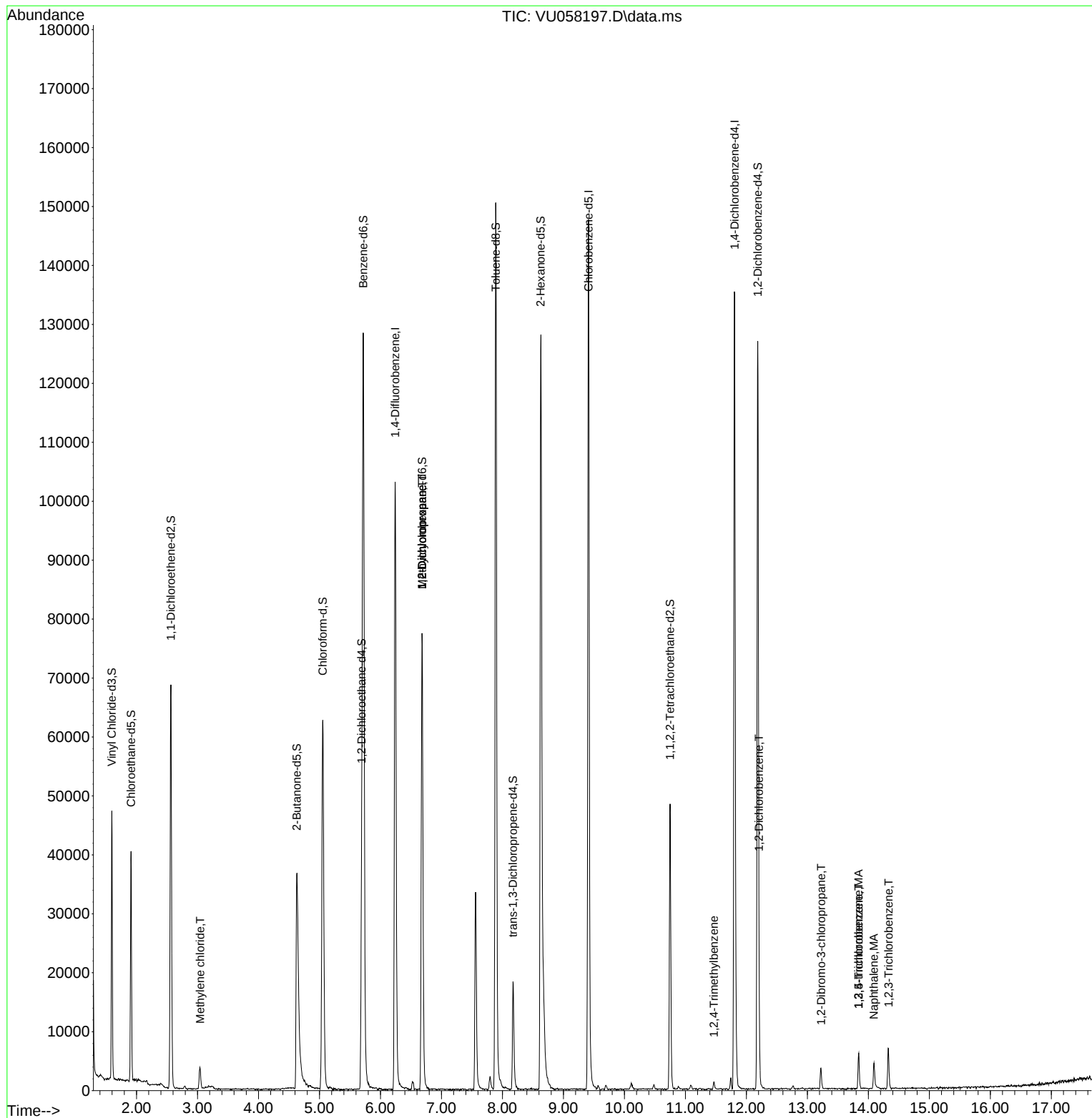
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31152	4.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.911	69	27186	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.563	65	13047	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.627	46	64358	48.512	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.020%
24) Chloroform-d	5.055	84	60173	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	29107	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.717	84	121564	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.682	67	38446	4.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.891	98	104487	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.174	79	11543	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.627	63	47569	46.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	24957	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	33495	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	1805	0.288	ug/L	91
35) Methylcyclohexane	6.682	83	8207	1.034	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	4344	0.712	ug/L #	90
63) 1,2,4-Trimethylbenzene	11.470	105	1205	0.065	ug/L	91
67) 1,2-Dichlorobenzene	12.206	146	1314	0.137	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	13.225	75	216	0.462	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.843	180	2521	0.348	ug/L	94
70) 1,2,4-trichlorobenzene	13.843	180	2521	0.466	ug/L	96
71) Naphthalene	14.090	128	5637	0.765	ug/L #	88
72) 1,2,3-Trichlorobenzene	14.331	180	2624	0.593	ug/L	97

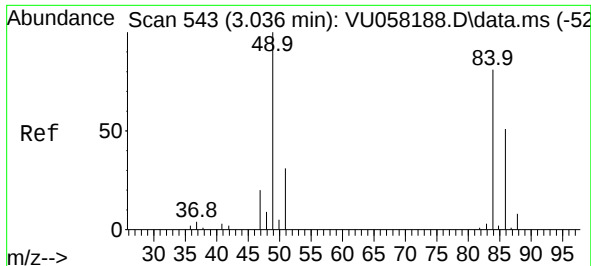
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.288 ug/L

RT: 3.042 min Scan# 54

Delta R.T. 0.006 min

Lab File: VU058197.D

Acq: 22 Mar 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

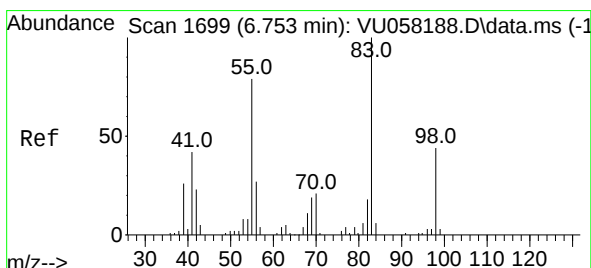
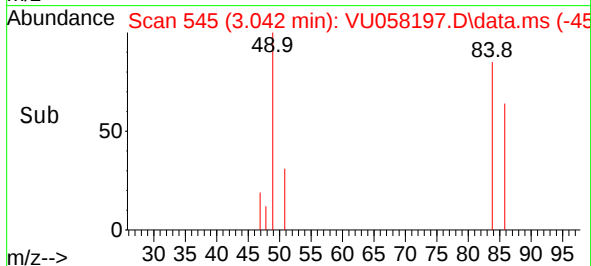
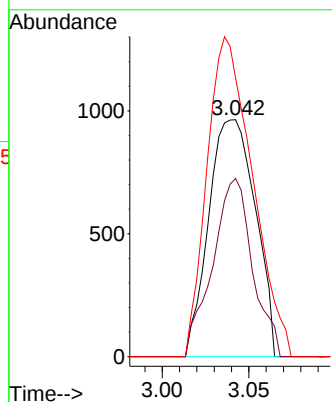
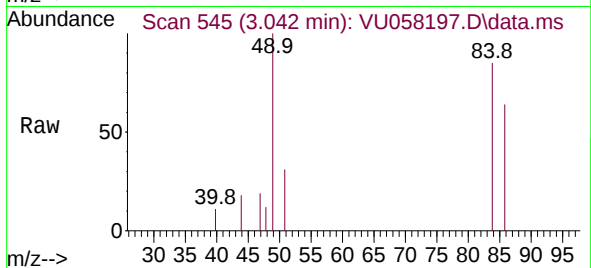
Tgt Ion: 84 Resp: 1805

Ion Ratio Lower Upper

84 100

86 75.2 45.6 84.6

49 117.6 88.3 163.9



#35

Methylcyclohexane

Concen: 1.034 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU058197.D

Acq: 22 Mar 2024 17:35

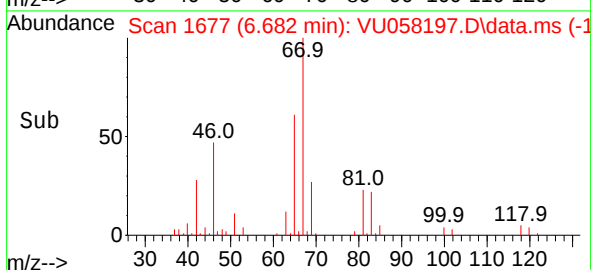
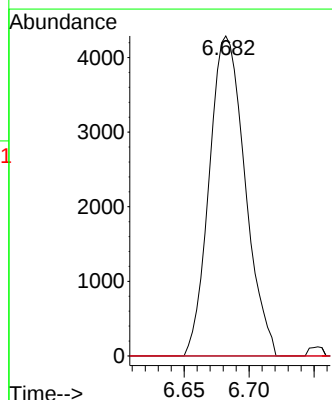
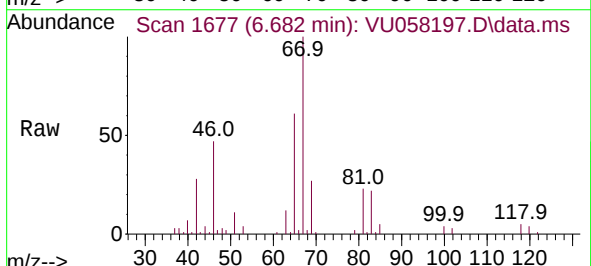
Tgt Ion: 83 Resp: 8207

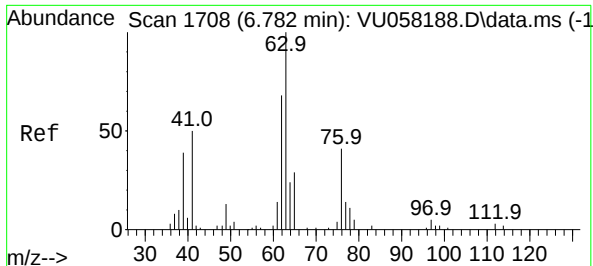
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#

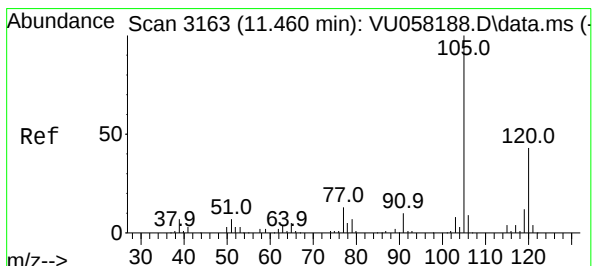
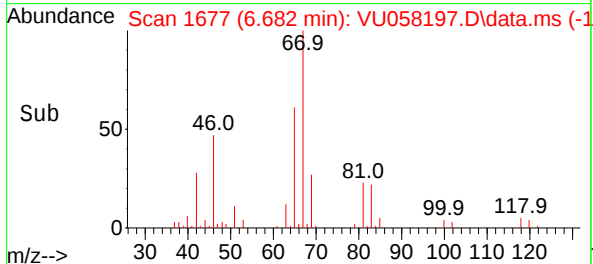
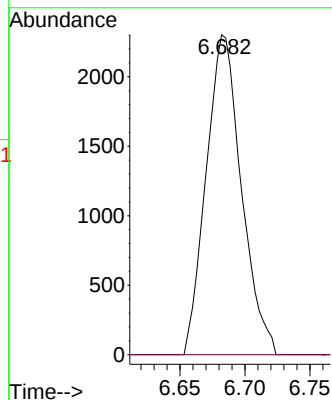
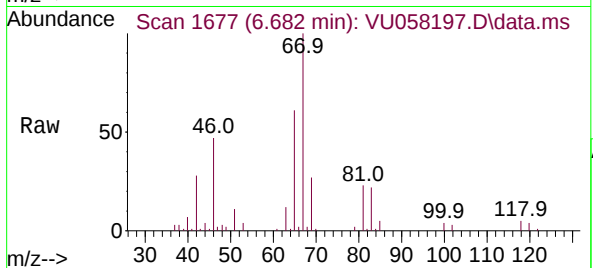




#37
1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058197.D
Acq: 22 Mar 2024 17:35

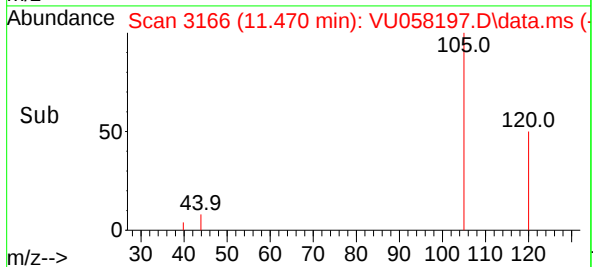
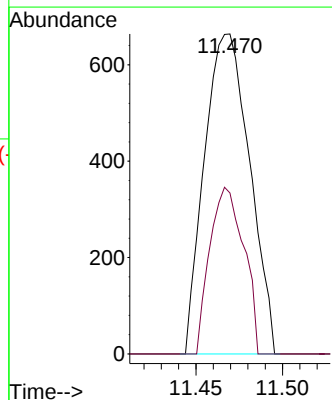
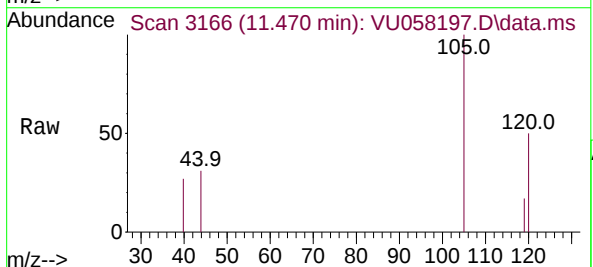
Instrument :
MSVOA_U
ClientSampleId :

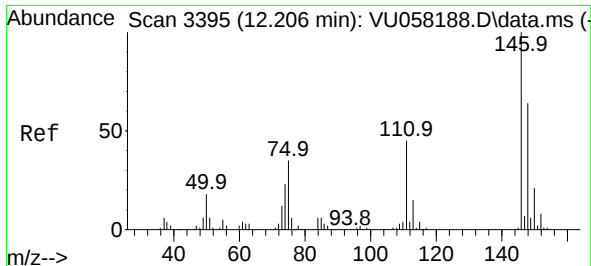
Tgt Ion: 63 Resp: 4344
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.065 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.010 min
Lab File: VU058197.D
Acq: 22 Mar 2024 17:35

Tgt Ion:105 Resp: 1205
Ion Ratio Lower Upper
105 100
120 39.2 35.9 53.9





#67

1,2-Dichlorobenzene

Concen: 0.137 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

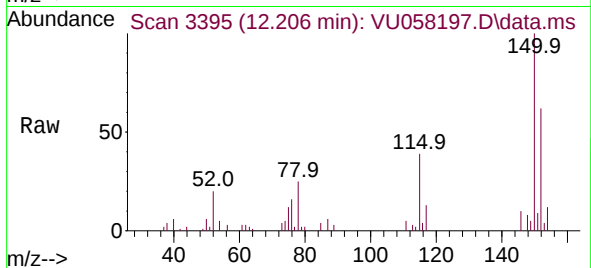
Lab File: VU058197.D

Acq: 22 Mar 2024 17:35

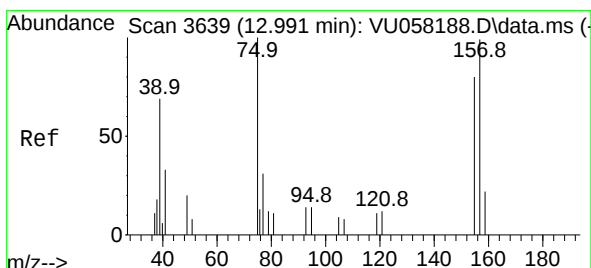
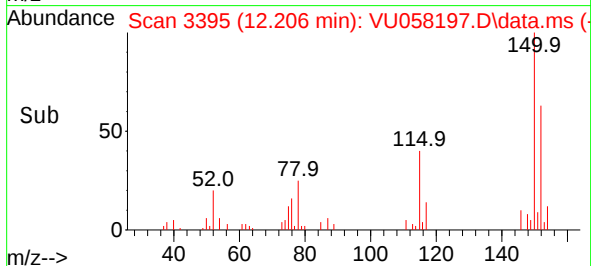
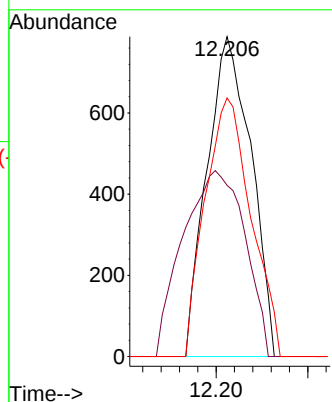
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	1314
Ion	Ratio	Lower	Upper
146	100		
111	53.6	35.9	53.9
148	80.8	52.4	78.6#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.462 ug/L

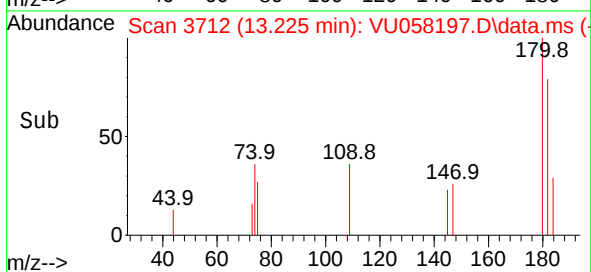
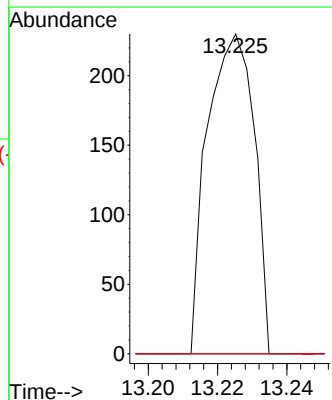
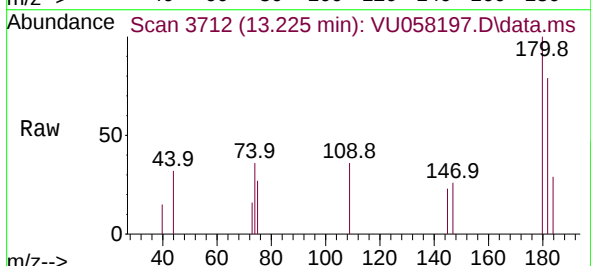
RT: 13.225 min Scan# 3712

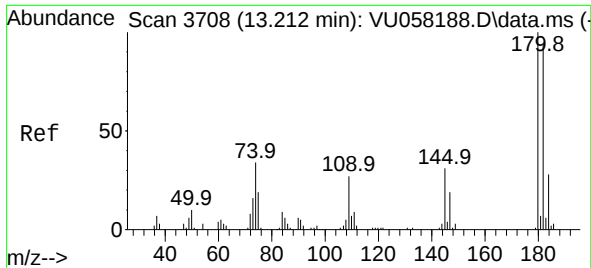
Delta R.T. 0.235 min

Lab File: VU058197.D

Acq: 22 Mar 2024 17:35

Tgt Ion:	75	Resp:	216
Ion	Ratio	Lower	Upper
75	100		
155	0.0	60.2	90.2#
157	0.0	82.6	123.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.348 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.630 min

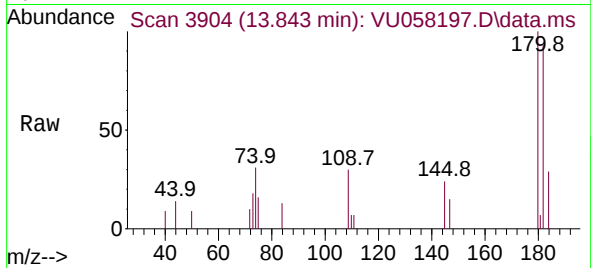
Lab File: VU058197.D

Acq: 22 Mar 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2521

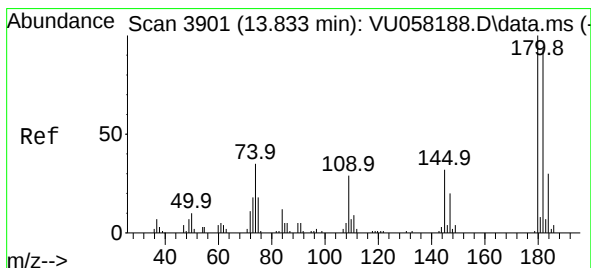
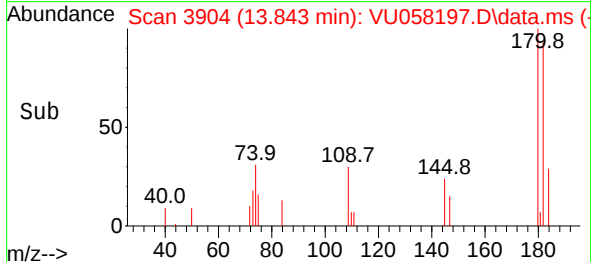
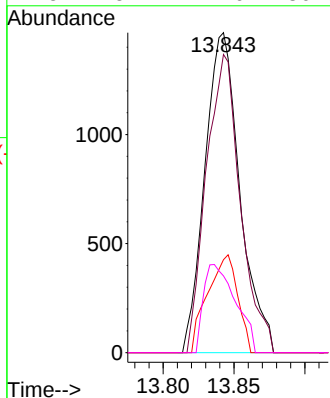
Ion Ratio Lower Upper

180 100

182 90.5 75.4 113.0

184 26.3 24.8 37.2

145 25.2 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 0.466 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU058197.D

Acq: 22 Mar 2024 17:35

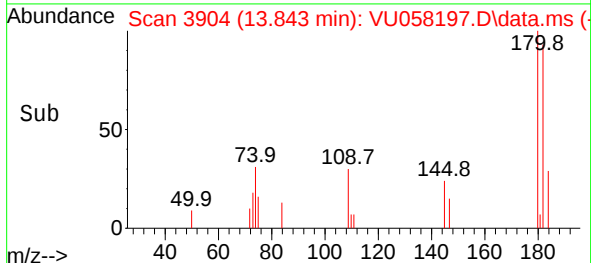
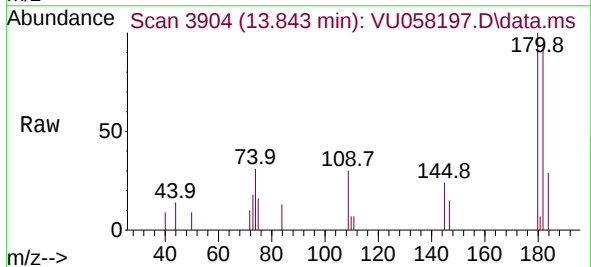
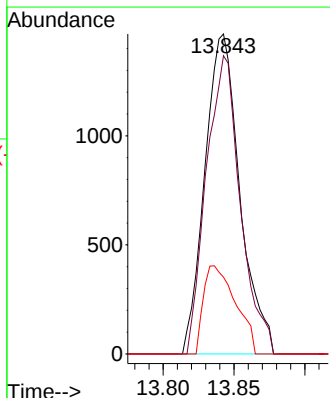
Tgt Ion:180 Resp: 2521

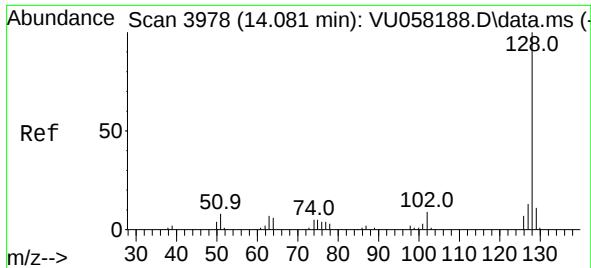
Ion Ratio Lower Upper

180 100

182 90.5 74.5 111.7

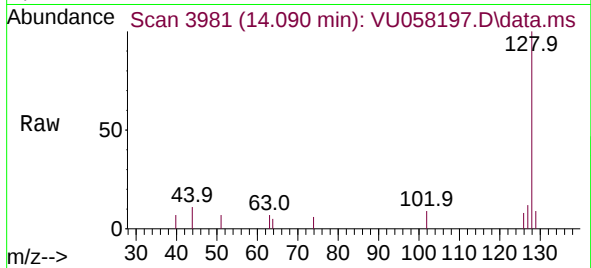
145 25.2 24.5 36.7



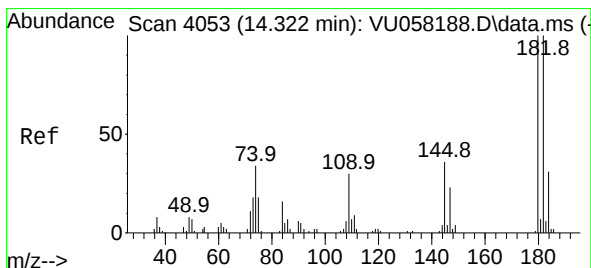
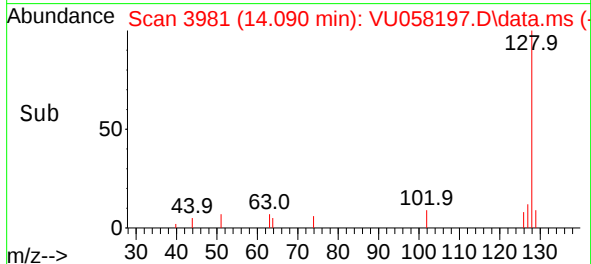
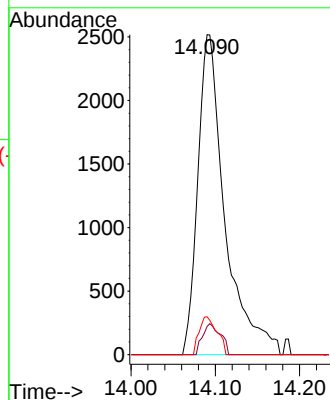


#71
Naphthalene
Concen: 0.765 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU058197.D
Acq: 22 Mar 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 5637
Ion Ratio Lower Upper
128 100
129 6.4 8.1 12.1#
127 7.8 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.593 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.010 min
Lab File: VU058197.D
Acq: 22 Mar 2024 17:35

Tgt Ion:180 Resp: 2624
Ion Ratio Lower Upper
180 100
182 94.6 74.4 111.6
145 29.9 26.3 39.5

