

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058368.D
 Acq On : 03 Apr 2024 16:53
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 01:25:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 01:17:39 2024
 Response via : Initial Calibration

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

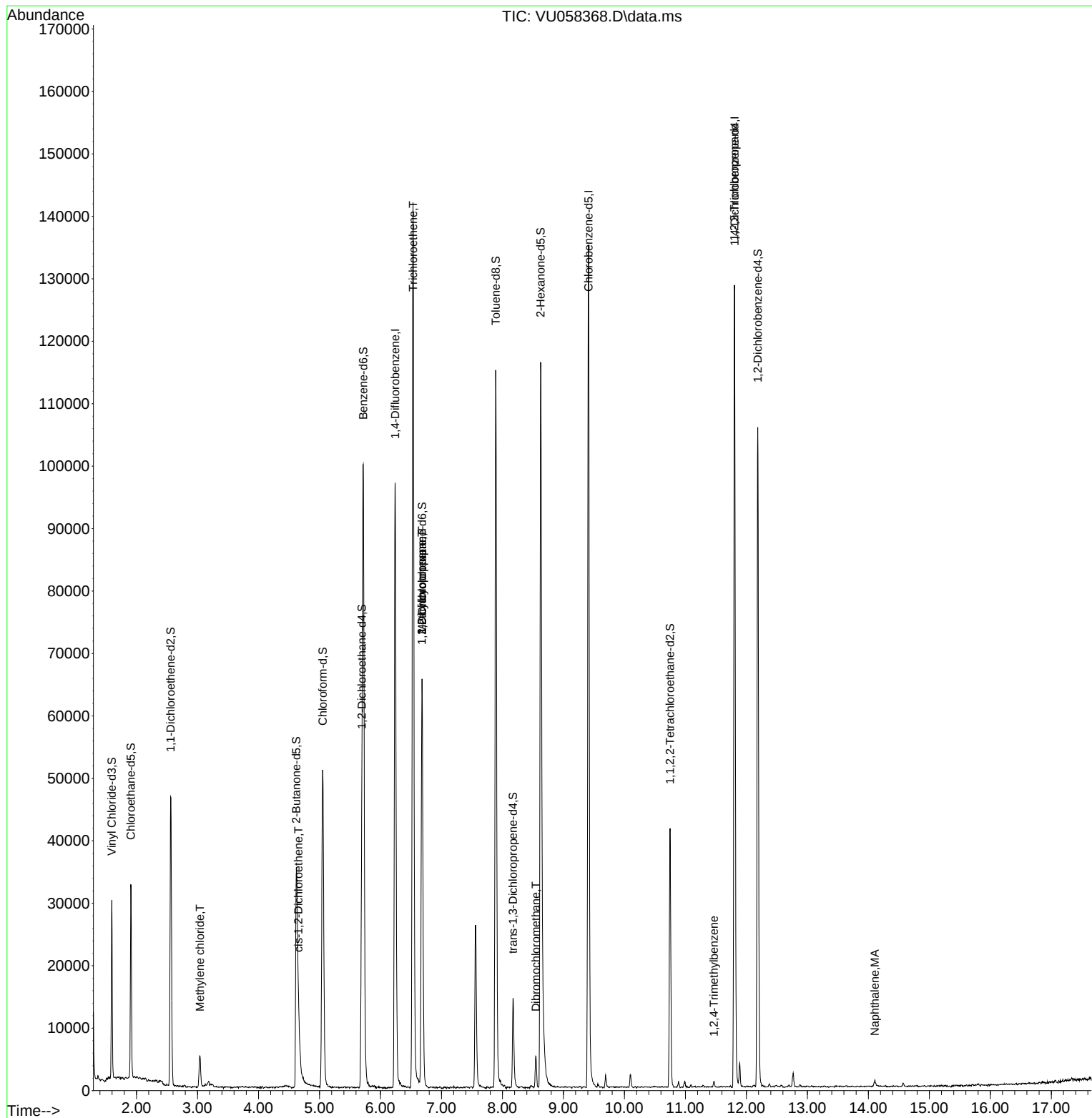
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78994	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19255	2.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.907	69	21147	3.881	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	9286	3.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	4.621	46	60739	51.216	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.440%
24) Chloroform-d	5.052	84	49271	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.695	65	25038	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.718	84	96581	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.682	67	32295	4.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	79442	3.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.174	79	9185	3.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	43227	46.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21983	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	28044	4.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	2464	0.439	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	1931	0.378	ug/L	98
34) Trichloroethene	6.534	95	50365	9.732	ug/L	97
35) Methylcyclohexane	6.682	83	7055	0.977	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	3504	0.631	ug/L #	90
49) Dibromochloromethane	8.547	129	1089	0.285	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	4699	1.639	ug/L #	66
63) 1,2,4-Trimethylbenzene	11.470	105	876	0.051	ug/L	92
71) Naphthalene	14.106	128	1887	0.277	ug/L #	75

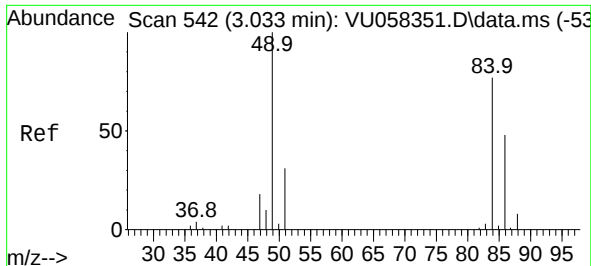
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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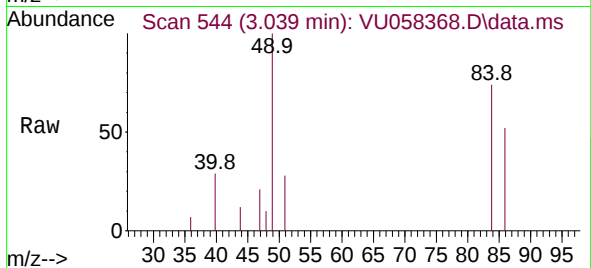
Quant Time: Apr 04 01:25:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
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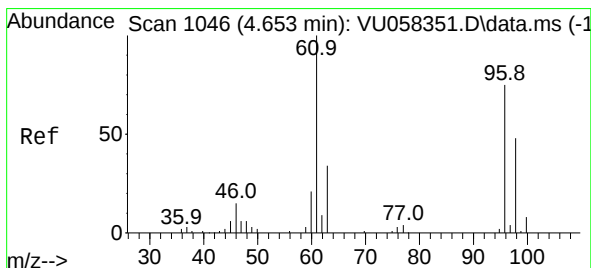
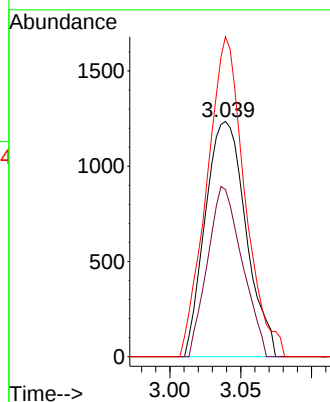
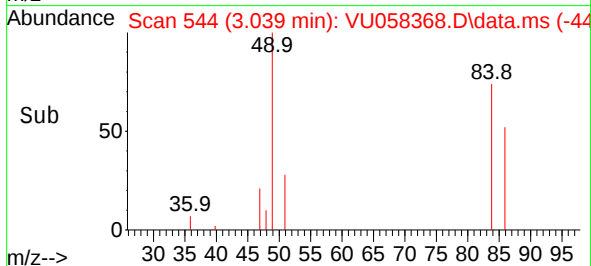
#16
Methylene chloride
Concen: 0.439 ug/L
RT: 3.039 min Scan# 542
Delta R.T. 0.007 min
Lab File: VU058368.D
Acq: 03 Apr 2024 16:53

Instrument :
MSVOA_U
ClientSampleId :

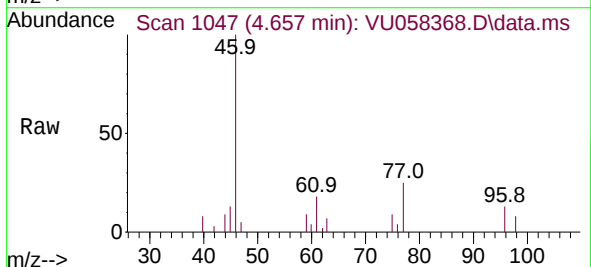


Tgt Ion: 84 Resp: 2464

Ion	Ratio	Lower	Upper
84	100		
86	71.0	45.6	84.6
49	136.0	88.3	163.9

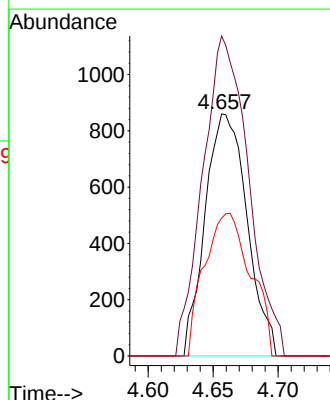
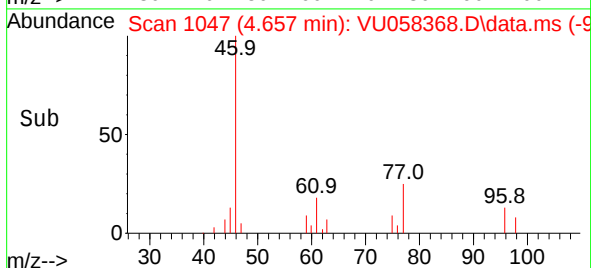


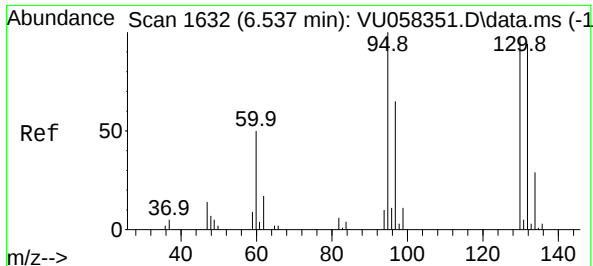
#22
cis-1,2-Dichloroethene
Concen: 0.378 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058368.D
Acq: 03 Apr 2024 16:53



Tgt Ion: 96 Resp: 1931

Ion	Ratio	Lower	Upper
96	100		
61	132.2	92.8	172.4
98	57.0	43.2	80.2

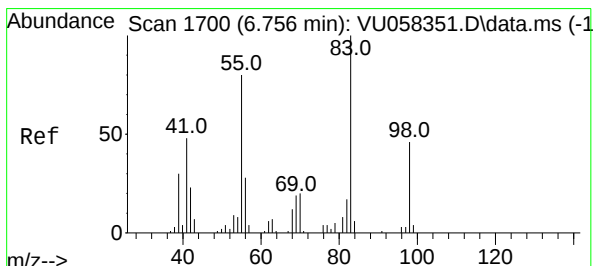
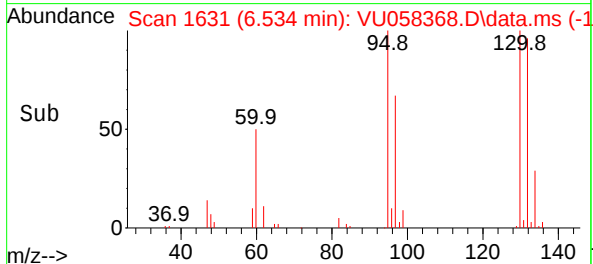
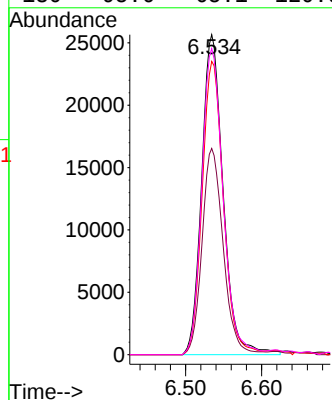
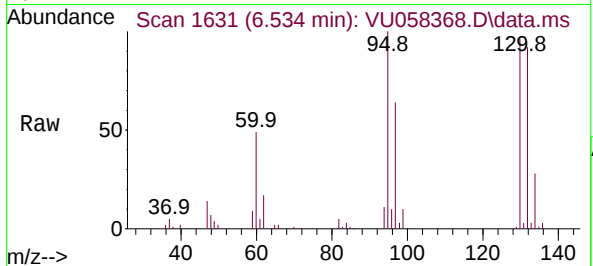




#34
Trichloroethene
Concen: 9.732 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058368.D
Acq: 03 Apr 2024 16:53

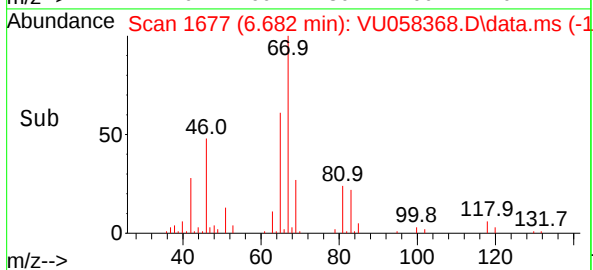
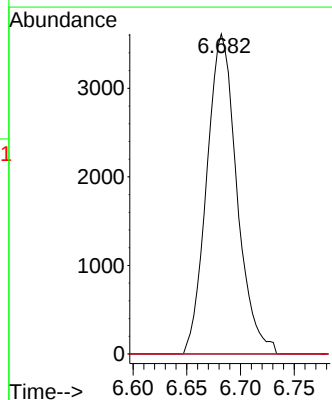
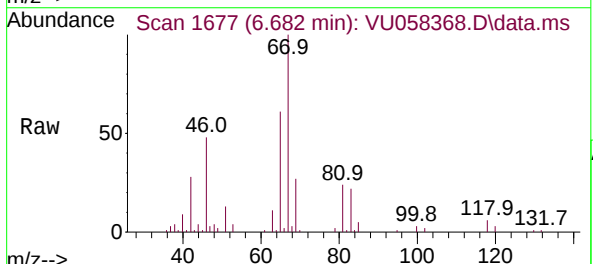
Instrument :
MSVOA_U
ClientSampleId :

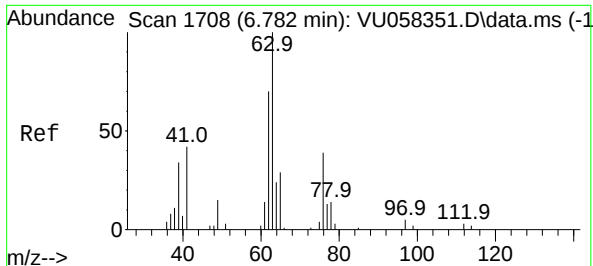
Tgt Ion: 95 Resp: 50365
Ion Ratio Lower Upper
95 100
97 64.5 47.7 88.7
132 91.6 63.6 118.2
130 95.6 65.1 120.9



#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058368.D
Acq: 03 Apr 2024 16:53

Tgt Ion: 83 Resp: 7055
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#

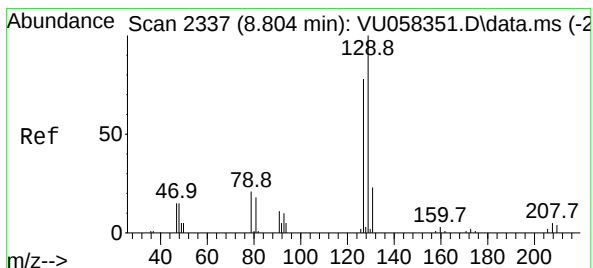
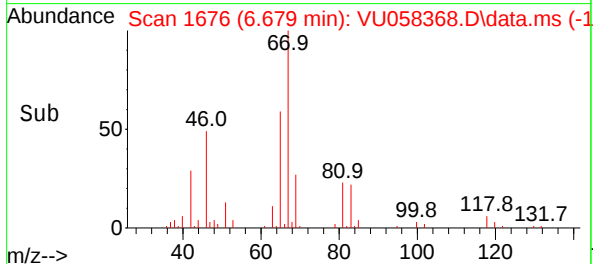
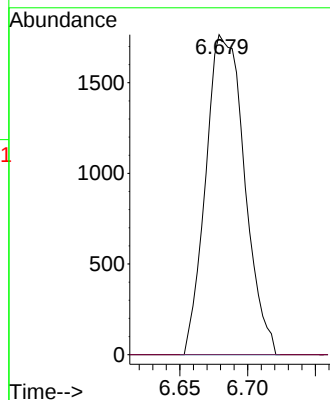
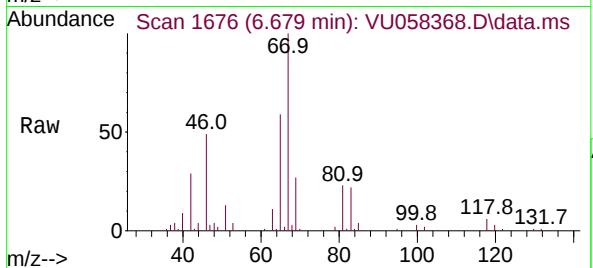




#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058368.D
Acq: 03 Apr 2024 16:53

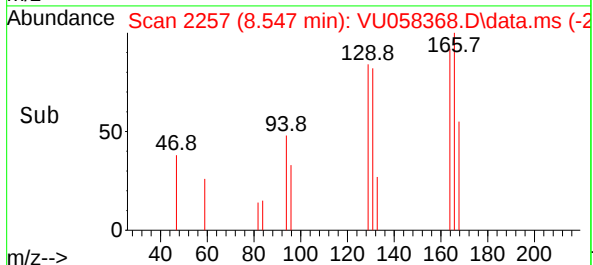
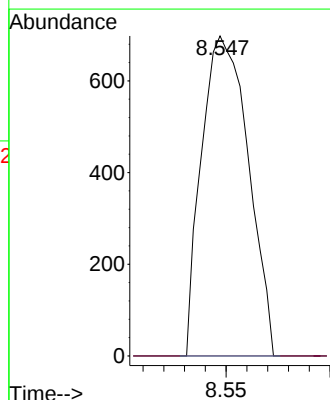
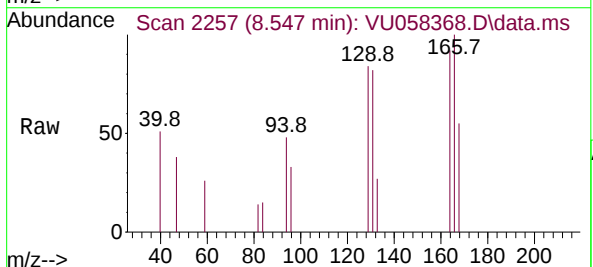
Instrument :
MSVOA_U
ClientSampleId :

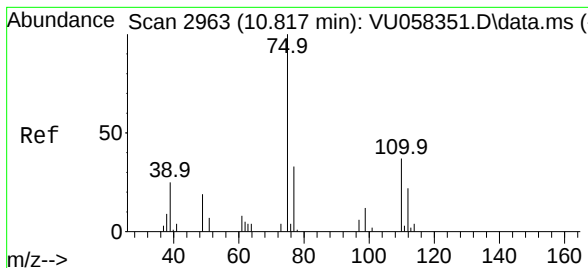
Tgt Ion: 63 Resp: 3504
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#49
Dibromochloromethane
Concen: 0.285 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058368.D
Acq: 03 Apr 2024 16:53

Tgt Ion: 129 Resp: 1089
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 1.639 ug/L

RT: 11.804 min Scan# 3166

Delta R.T. 0.987 min

Lab File: VU058368.D

Acq: 03 Apr 2024 16:53

Instrument :

MSVOA_U

ClientSampleId :

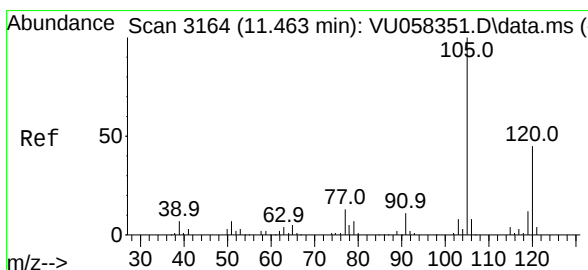
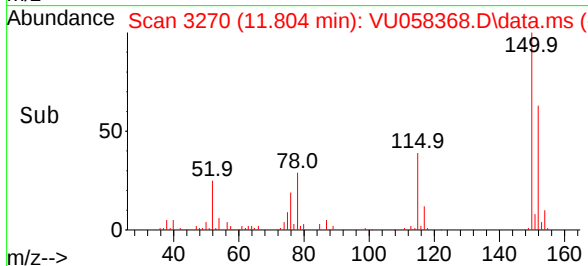
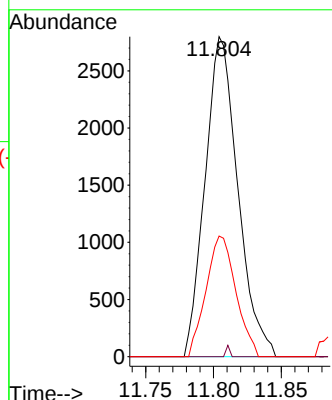
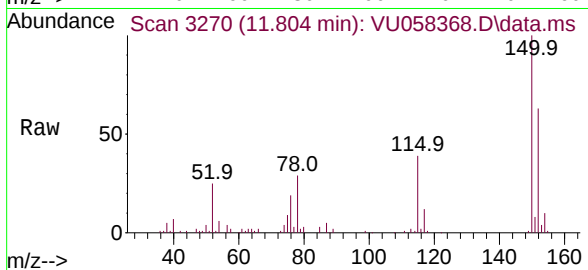
Tgt Ion: 75 Resp: 4699

Ion Ratio Lower Upper

75 100

110 0.4 28.1 42.1#

77 34.3 25.1 37.7



#63

1,2,4-Trimethylbenzene

Concen: 0.051 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.007 min

Lab File: VU058368.D

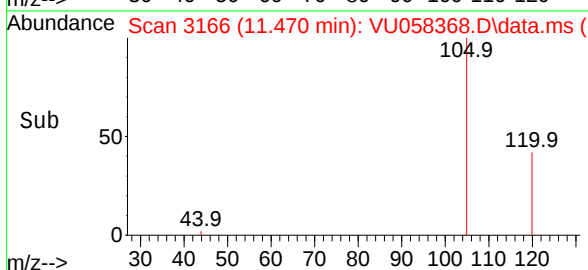
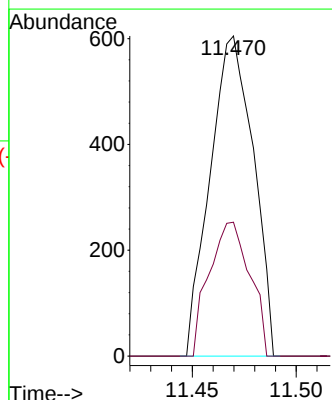
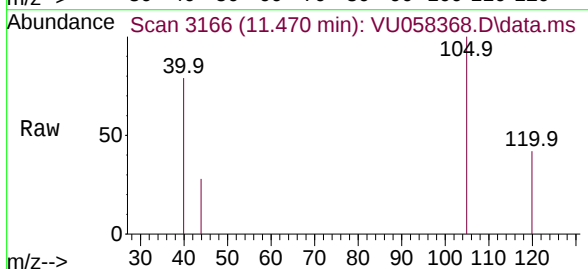
Acq: 03 Apr 2024 16:53

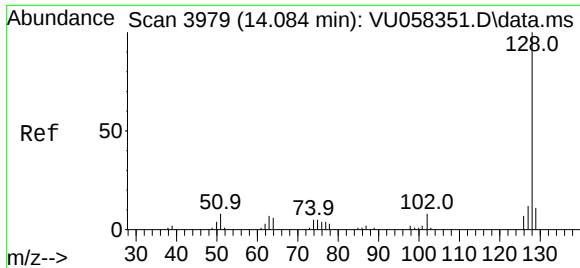
Tgt Ion: 105 Resp: 876

Ion Ratio Lower Upper

105 100

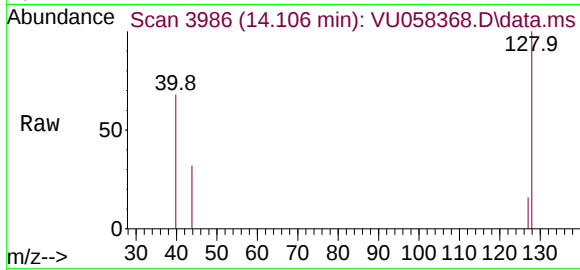
120 39.5 35.9 53.9





#71
 Naphthalene
 Concen: 0.277 ug/L
 RT: 14.106 min Scan# 3986
 Delta R.T. 0.023 min
 Lab File: VU058368.D
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Tgt Ion:	128	Resp:	1887
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.1	12.1#
127	3.4	10.2	15.4#

