

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059831.D
 Acq On : 04 Jul 2024 05:16
 Operator : MD/SY
 Sample : P3137-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 07:14:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

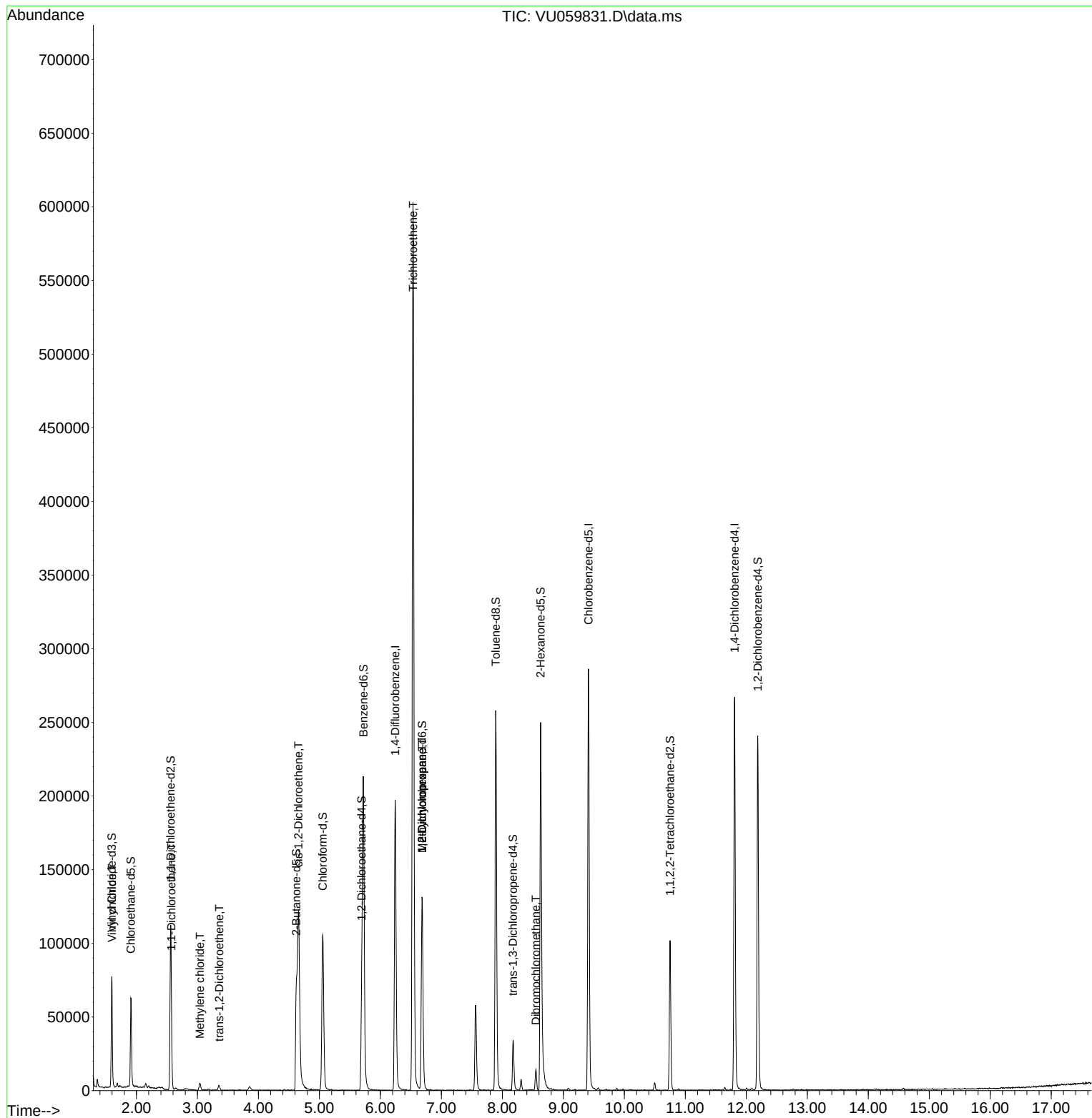
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172707	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77657	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51436	4.283	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.907	69	46841	4.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.560	65	20095	4.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.621	46	115785	46.806	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.620%
24) Chloroform-d	5.055	84	103349	4.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.692	65	50775	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.721	84	213371	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.682	67	66265	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	184715	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.174	79	21481	4.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	91396	46.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52954	4.272	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	69579	5.034	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
5) Vinyl chloride	1.599	62	2935	0.169	ug/L #	78
12) 1,1-Dichloroethene	2.573	96	2302	0.188	ug/L #	1
16) Methylene chloride	3.039	84	2529	0.174	ug/L #	74
18) trans-1,2-Dichloroethene	3.358	96	1665	0.131	ug/L	87
22) cis-1,2-Dichloroethene	4.657	96	58829	4.190	ug/L	95
34) Trichloroethene	6.534	95	211591	14.462	ug/L	97
35) Methylcyclohexane	6.682	83	15699	0.754	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6889	0.493	ug/L #	90
49) Dibromochloromethane	8.550	129	3213	0.282	ug/L #	12

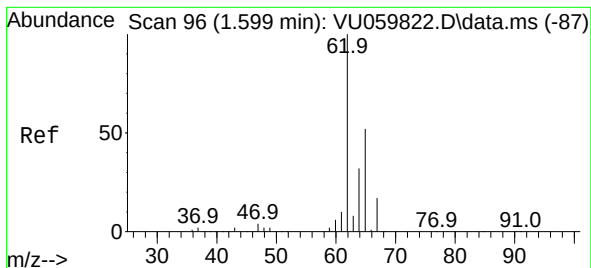
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 04 04:26:48 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.169 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059831.D

Acq: 04 Jul 2024 05:16

Instrument :

MSVOA_U

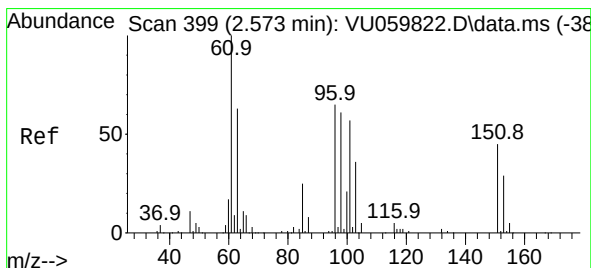
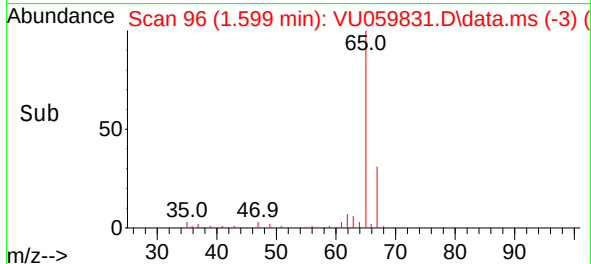
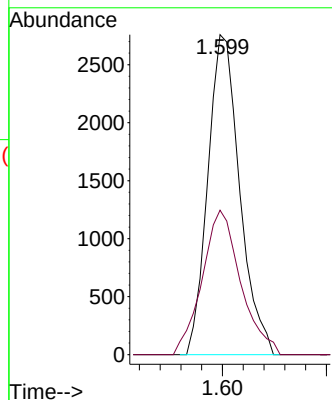
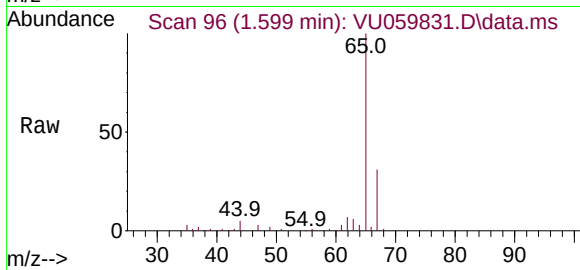
ClientSampleId :

Tgt Ion: 62 Resp: 2935

Ion Ratio Lower Upper

62 100

64 45.2 23.1 42.9#



#12

1,1-Dichloroethene

Concen: 0.188 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU059831.D

Acq: 04 Jul 2024 05:16

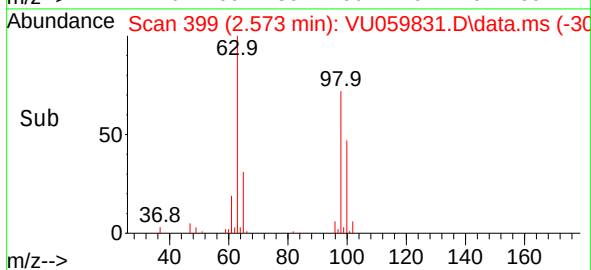
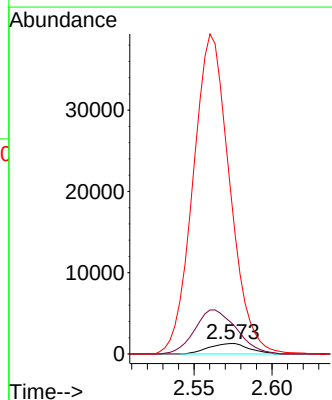
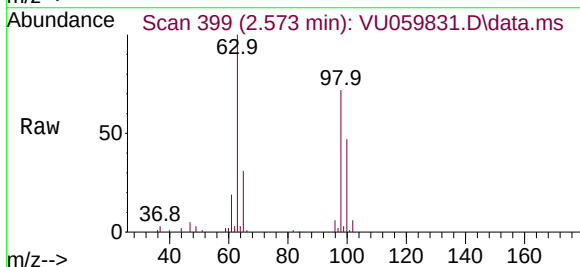
Tgt Ion: 96 Resp: 2302

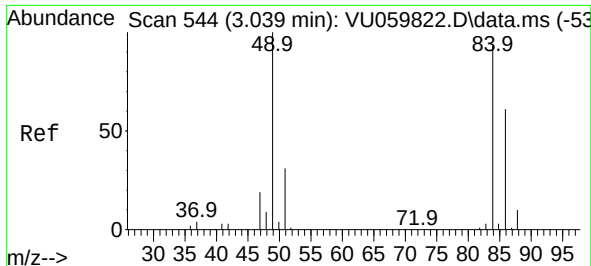
Ion Ratio Lower Upper

96 100

61 308.1 122.9 228.3#

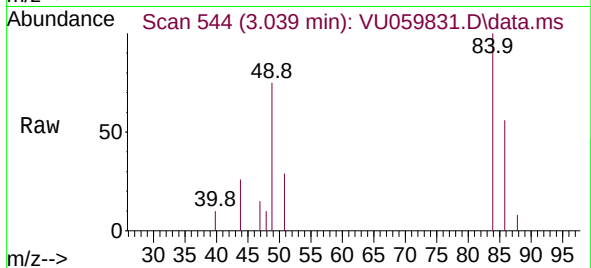
63 1601.9 80.4 149.4#



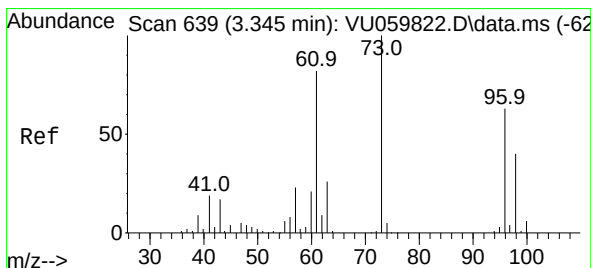
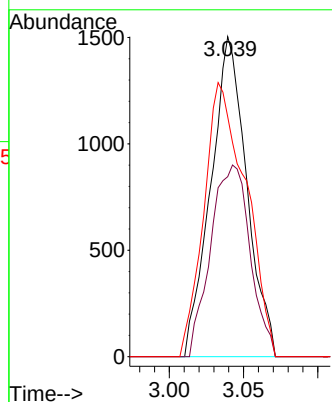
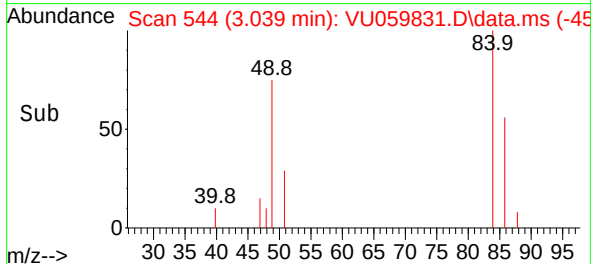


#16
Methylene chloride
Concen: 0.174 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059831.D
Acq: 04 Jul 2024 05:16

Instrument :
MSVOA_U
ClientSampleId :

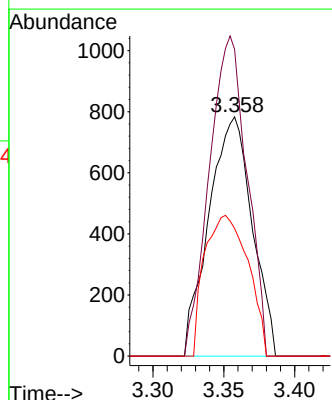
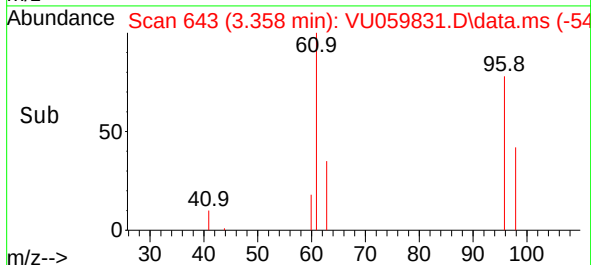
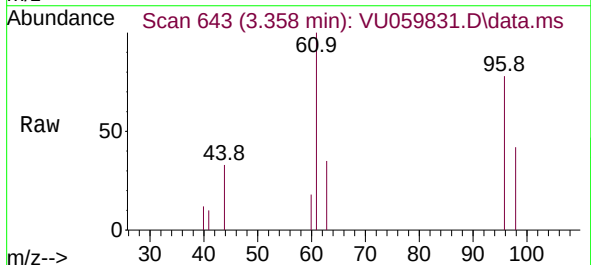


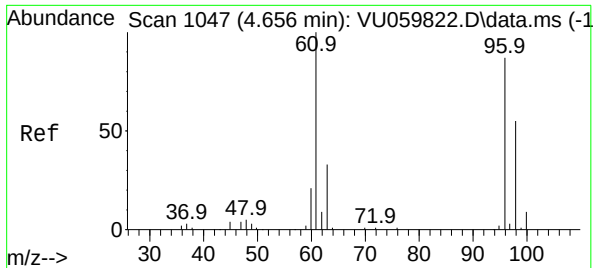
Tgt Ion: 84 Resp: 2529
Ion Ratio Lower Upper
84 100
86 56.3 42.1 78.1
49 74.9 80.6 149.8#



#18
trans-1,2-Dichloroethene
Concen: 0.131 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.013 min
Lab File: VU059831.D
Acq: 04 Jul 2024 05:16

Tgt Ion: 96 Resp: 1665
Ion Ratio Lower Upper
96 100
61 128.2 101.8 189.0
98 53.4 43.3 80.5





#22

cis-1,2-Dichloroethene

Concen: 4.190 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU059831.D

Acq: 04 Jul 2024 05:16

Instrument :

MSVOA_U

ClientSampleId :

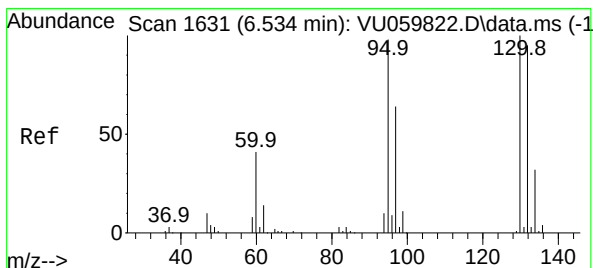
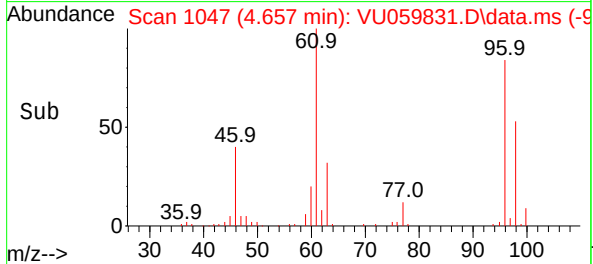
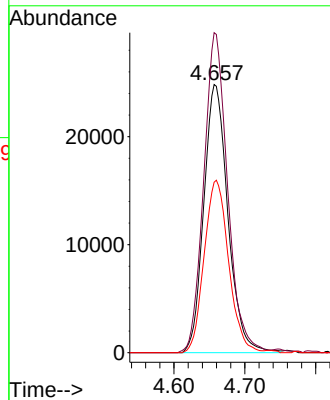
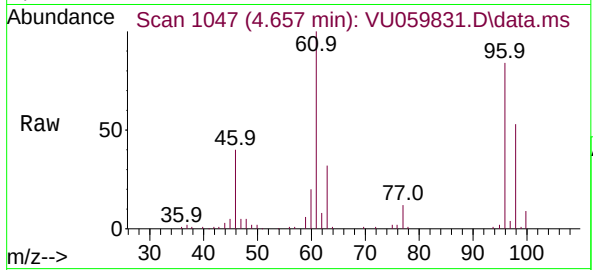
Tgt Ion: 96 Resp: 58829

Ion Ratio Lower Upper

96 100

61 119.3 87.4 162.2

98 63.5 42.3 78.5



#34

Trichloroethene

Concen: 14.462 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU059831.D

Acq: 04 Jul 2024 05:16

Tgt Ion: 95 Resp: 211591

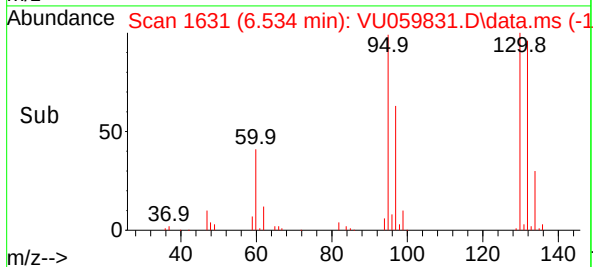
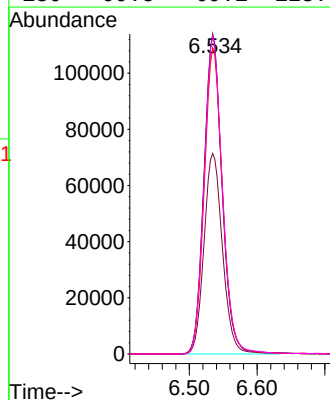
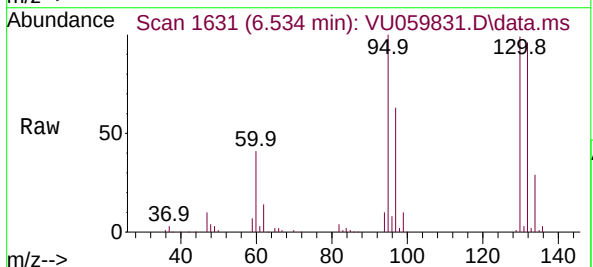
Ion Ratio Lower Upper

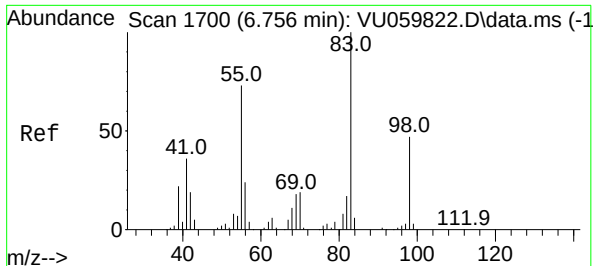
95 100

97 62.7 45.3 84.1

132 95.7 64.0 119.0

130 99.5 69.1 128.3





#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059831.D

Acq: 04 Jul 2024 05:16

Instrument :

MSVOA_U

ClientSampleId :

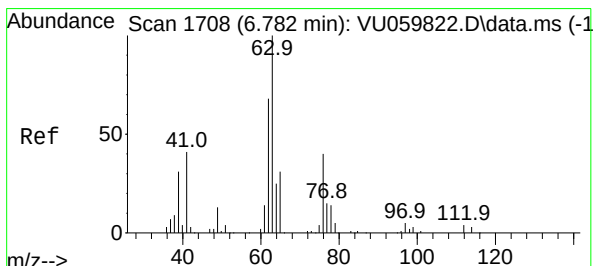
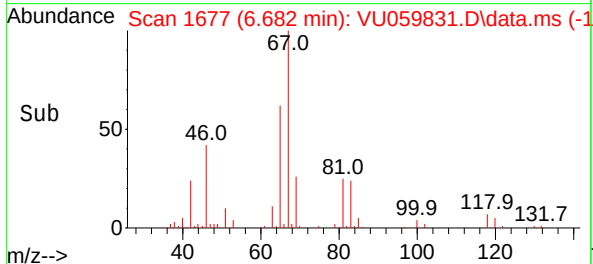
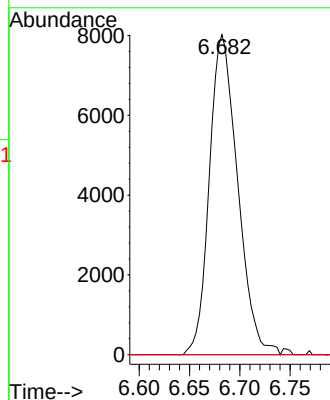
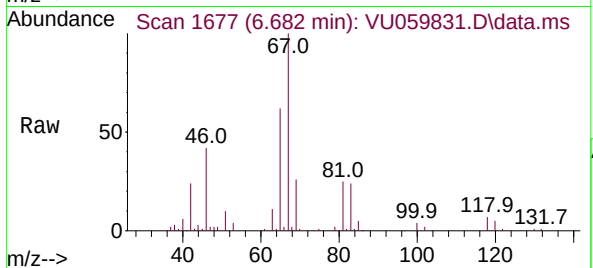
Tgt Ion: 83 Resp: 15699

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 1.0 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU059831.D

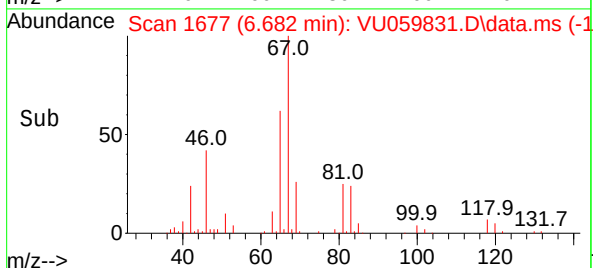
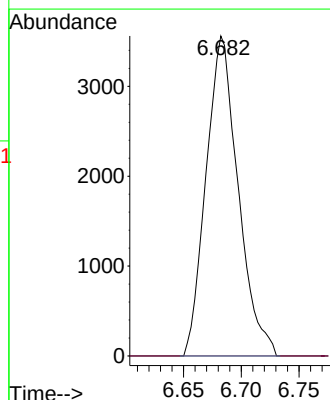
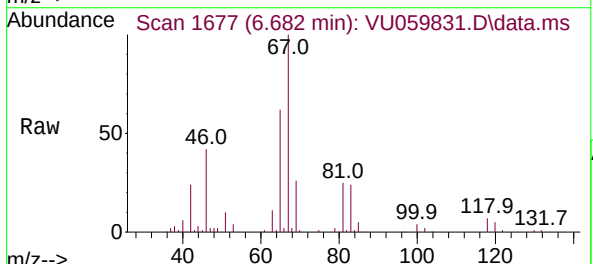
Acq: 04 Jul 2024 05:16

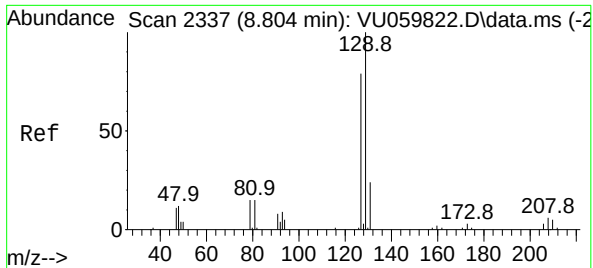
Tgt Ion: 63 Resp: 6889

Ion Ratio Lower Upper

63 100

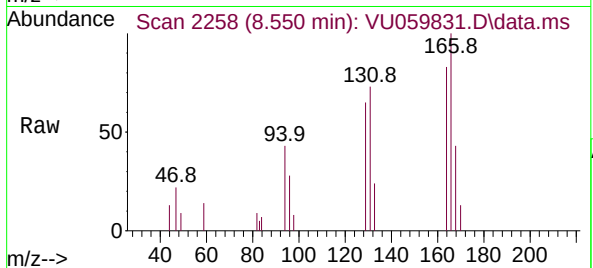
112 0.0 2.6 3.8#





#49
 Dibromochloromethane
 Concen: 0.282 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU059831.D
 Acq: 04 Jul 2024 05:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 3213
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.5 97.5#

