

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055607.D
 Acq On : 02 Oct 2023 16:14
 Operator : MD/SY
 Sample : 04679-02 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 04:57:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

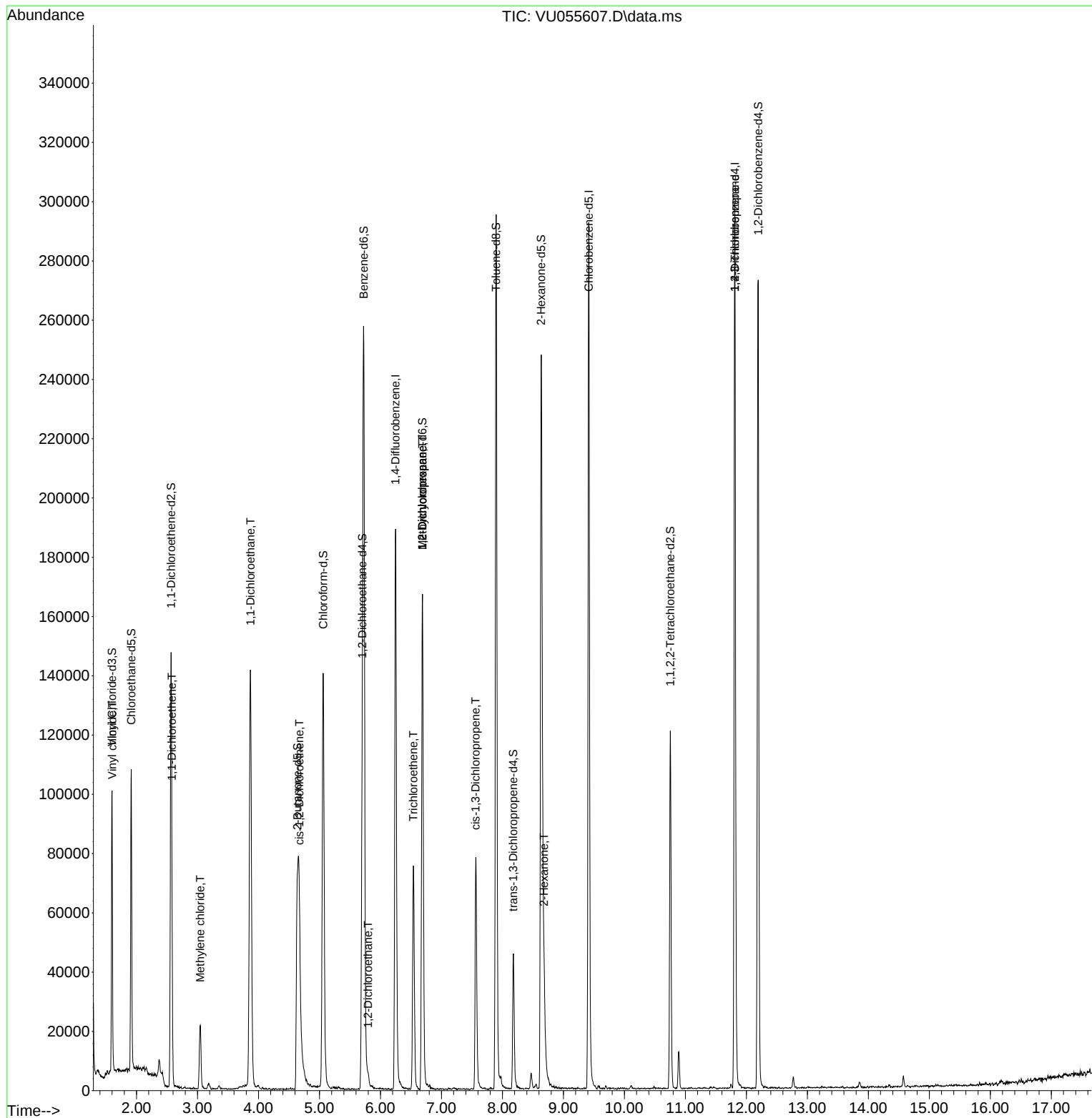
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	152873	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	158036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	76249	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66447	4.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.914	69	71602	5.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.567	65	25165	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.637	46	142910	51.208	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.420%
24) Chloroform-d	5.062	84	131935	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.701	65	68133	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.727	84	245233	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.689	67	79125	4.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.898	98	206547	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	26604	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.634	63	81891	46.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.900%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62290	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	72016	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
5) Vinyl chloride	1.602	62	2173	0.154	ug/L #	33
12) 1,1-Dichloroethene	2.579	96	8524	0.797	ug/L #	1
16) Methylene chloride	3.042	84	10845	0.847	ug/L	90
19) 1,1-Dichloroethane	3.869	63	163477	8.205	ug/L	99
22) cis-1,2-Dichloroethene	4.669	96	17089	1.368	ug/L	93
27) 1,2-Dichloroethane	5.798	62	1899	0.147	ug/L #	76
34) Trichloroethene	6.541	95	25526	1.984	ug/L	96
35) Methylcyclohexane	6.689	83	18756	1.012	ug/L #	23
37) 1,2-Dichloropropane	6.689	63	8781	0.738	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2591	0.163	ug/L	96
48) 2-Hexanone	8.682	43	13991	3.345	ug/L #	79
61) 1,2,3-Trichloropropane	11.811	75	11653	1.958	ug/L #	69

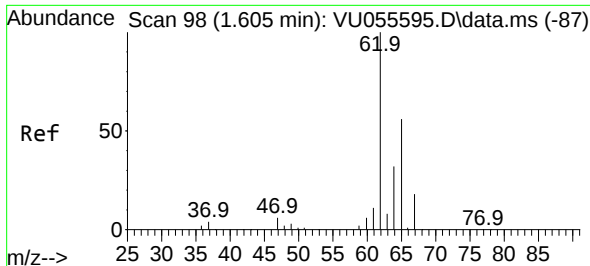
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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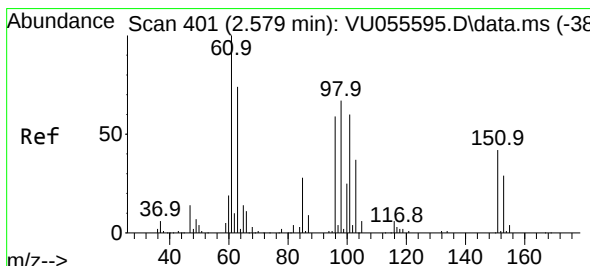
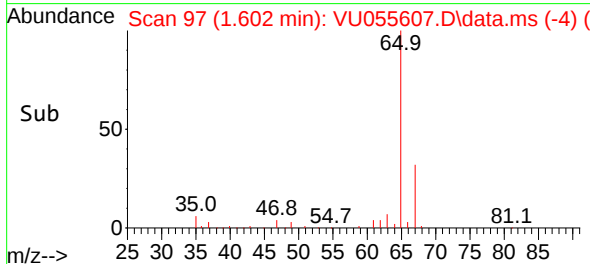
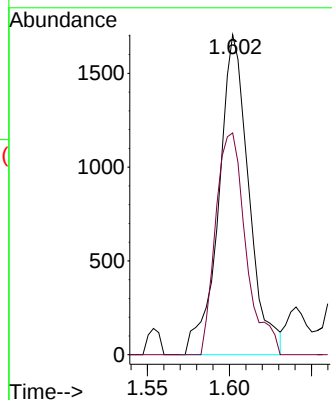
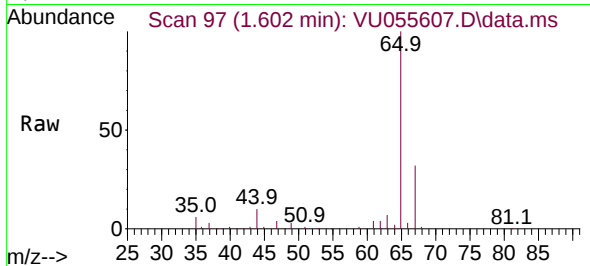




#5
 Vinyl chloride
 Concen: 0.154 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055607.D
 Acq: 02 Oct 2023 16:14

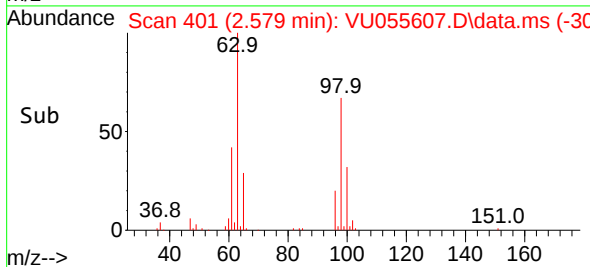
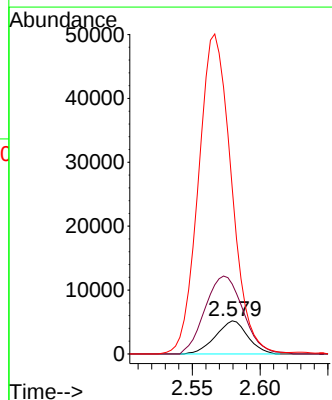
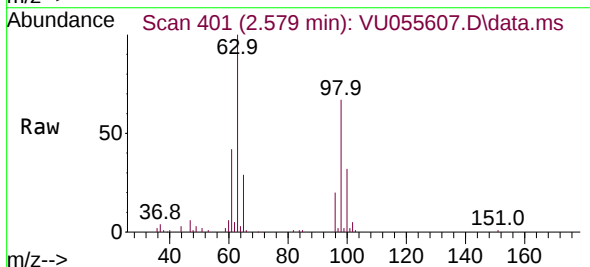
Instrument :
 MSVOA_U
 ClientSampleId :

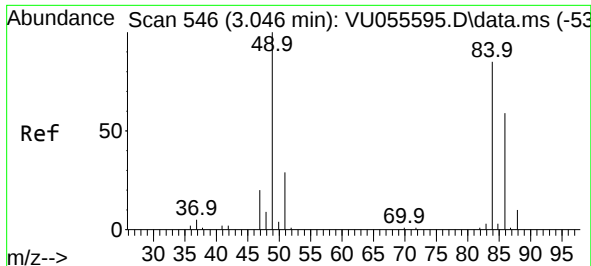
Tgt Ion: 62 Resp: 2173
 Ion Ratio Lower Upper
 62 100
 64 69.3 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 0.797 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055607.D
 Acq: 02 Oct 2023 16:14

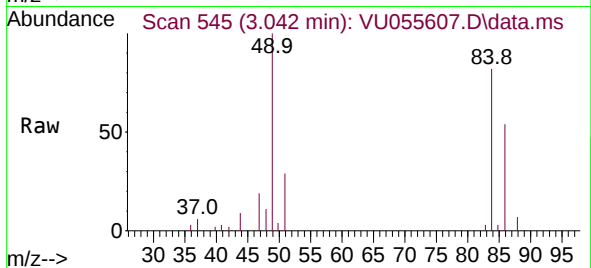
Tgt Ion: 96 Resp: 8524
 Ion Ratio Lower Upper
 96 100
 61 211.6 114.5 212.7
 63 502.9 98.3 182.5#



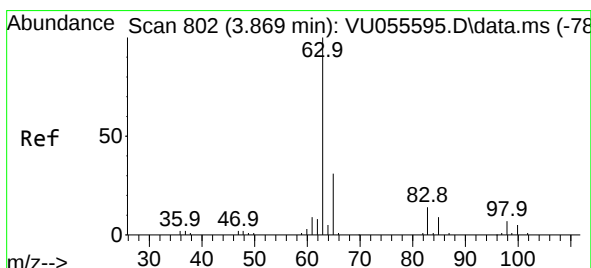
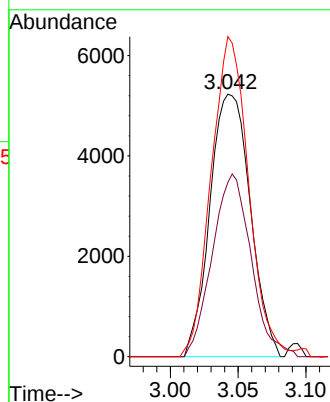
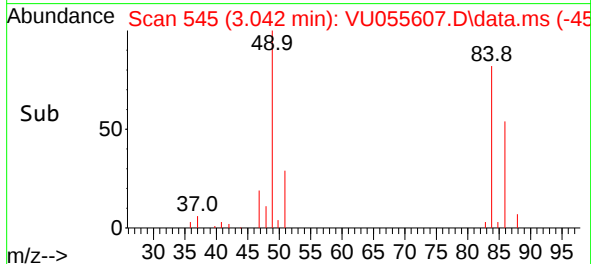


#16
Methylene chloride
Concen: 0.847 ug/L
RT: 3.042 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU055607.D
Acq: 02 Oct 2023 16:14

Instrument :
MSVOA_U
ClientSampleId :

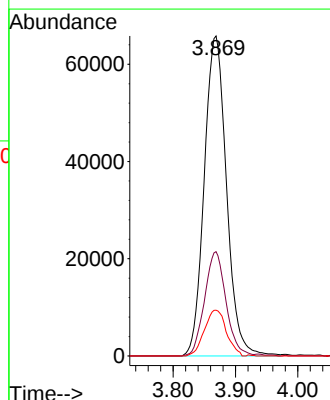
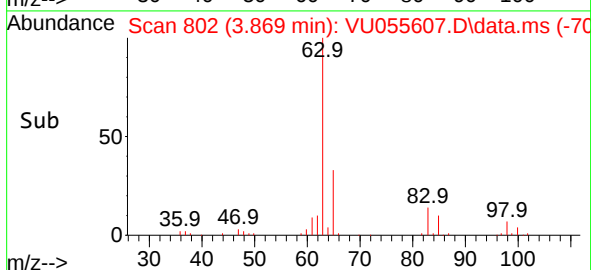
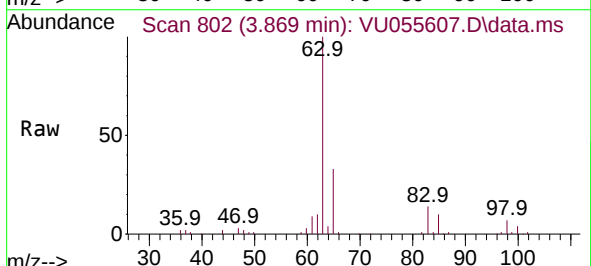


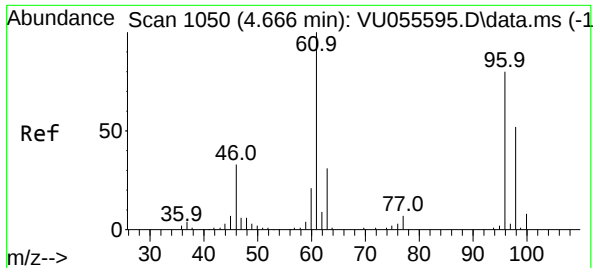
Tgt Ion: 84 Resp: 10845
Ion Ratio Lower Upper
84 100
86 66.3 44.9 83.3
49 126.9 78.8 146.3



#19
1,1-Dichloroethane
Concen: 8.205 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055607.D
Acq: 02 Oct 2023 16:14

Tgt Ion: 63 Resp: 163477
Ion Ratio Lower Upper
63 100
65 32.6 22.0 41.0
83 14.3 10.1 18.9



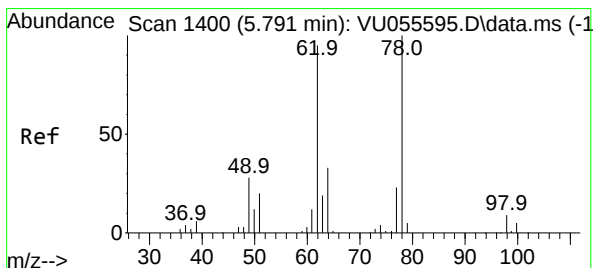
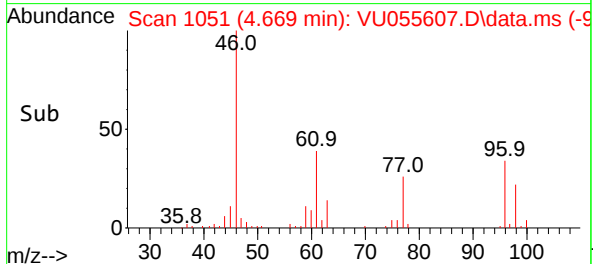
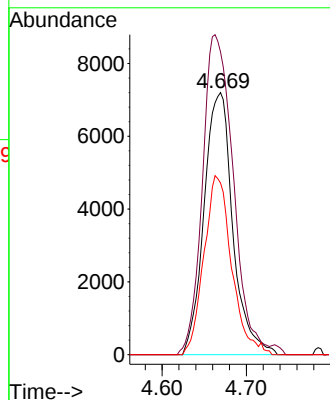
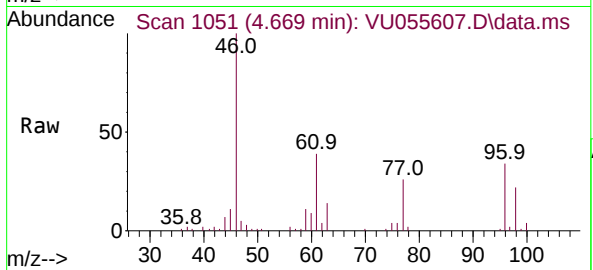


#22
 cis-1,2-Dichloroethene
 Concen: 1.368 ug/L
 RT: 4.669 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VU055607.D
 Acq: 02 Oct 2023 16:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 17089

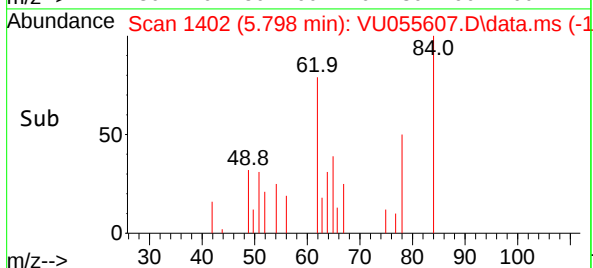
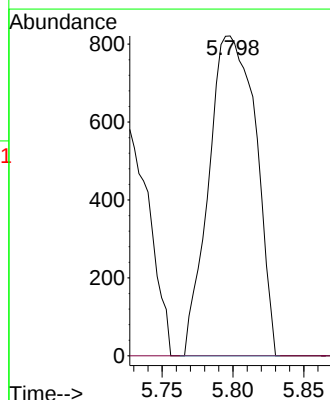
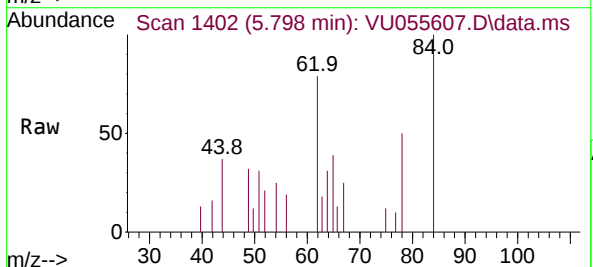
Ion	Ratio	Lower	Upper
96	100		
61	115.5	87.8	163.2
98	65.5	44.4	82.4

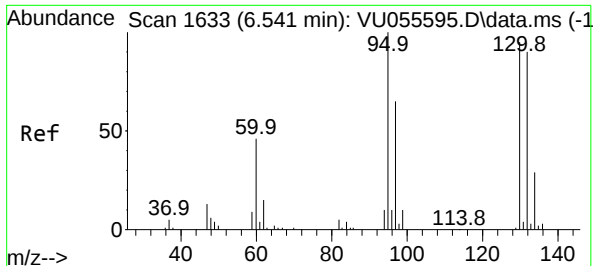


#27
 1,2-Dichloroethane
 Concen: 0.147 ug/L
 RT: 5.798 min Scan# 1402
 Delta R.T. 0.006 min
 Lab File: VU055607.D
 Acq: 02 Oct 2023 16:14

Tgt Ion: 62 Resp: 1899

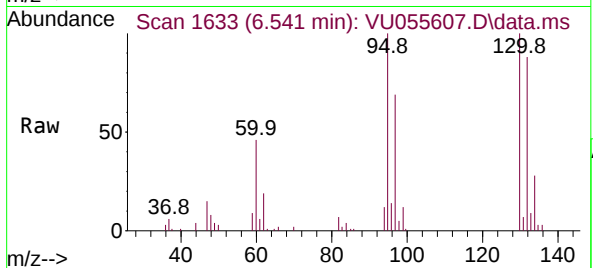
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#



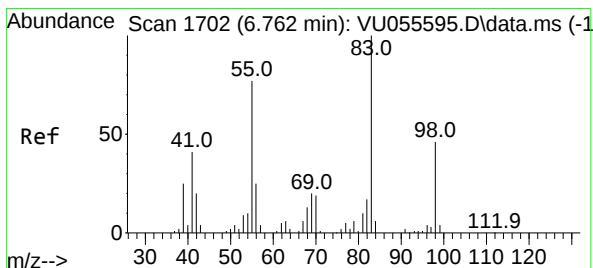
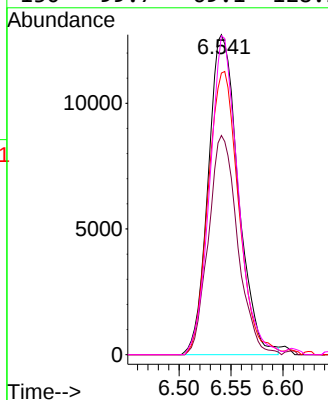
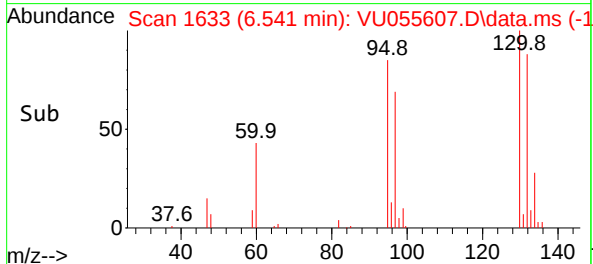


#34
Trichloroethene
Concen: 1.984 ug/L
RT: 6.541 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VU055607.D
Acq: 02 Oct 2023 16:14

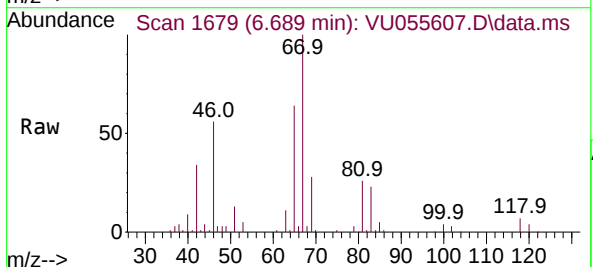
Instrument :
MSVOA_U
ClientSampleId :



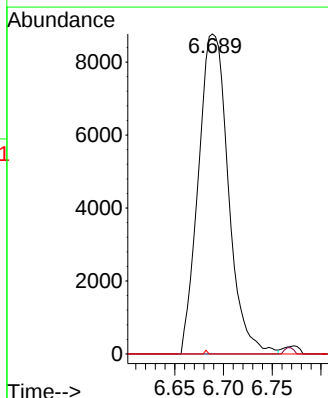
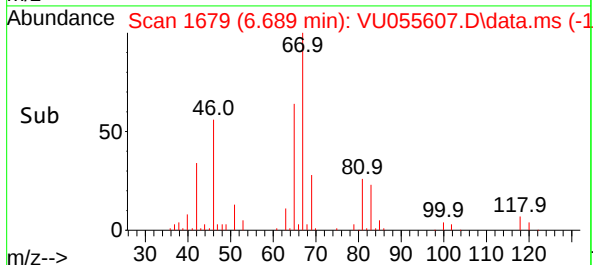
Tgt Ion: 95 Resp: 25526
Ion Ratio Lower Upper
95 100
97 68.5 45.4 84.2
132 88.0 65.2 121.2
130 99.7 69.1 128.3

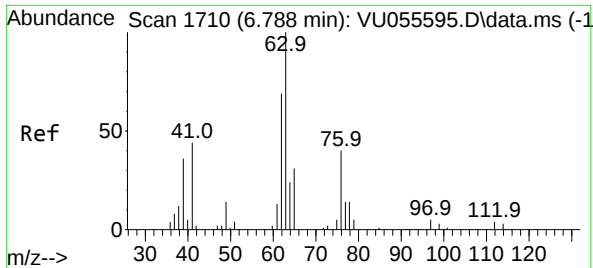


#35
Methylcyclohexane
Concen: 1.012 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055607.D
Acq: 02 Oct 2023 16:14



Tgt Ion: 83 Resp: 18756
Ion Ratio Lower Upper
83 100
55 0.6 59.1 88.7#
98 5.8 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.738 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055607.D

Acq: 02 Oct 2023 16:14

Instrument :

MSVOA_U

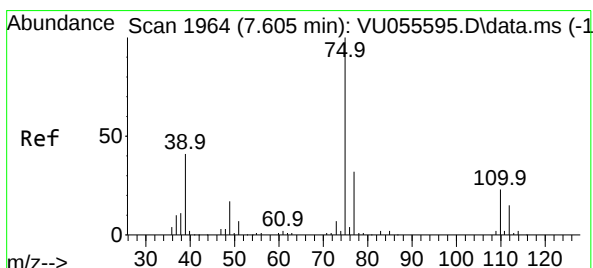
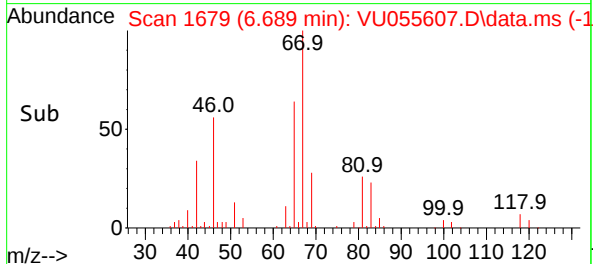
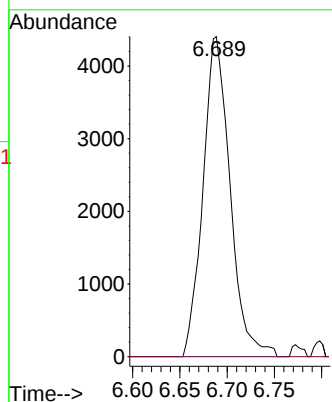
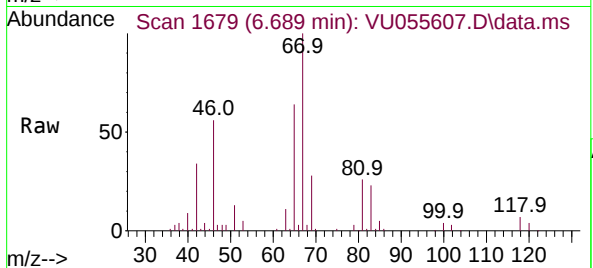
ClientSampleId :

Tgt Ion: 63 Resp: 8781

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.163 ug/L

RT: 7.560 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU055607.D

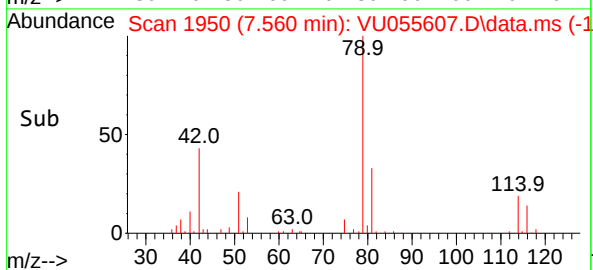
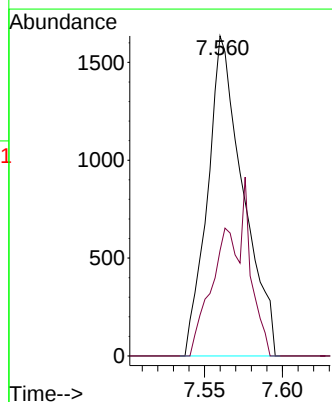
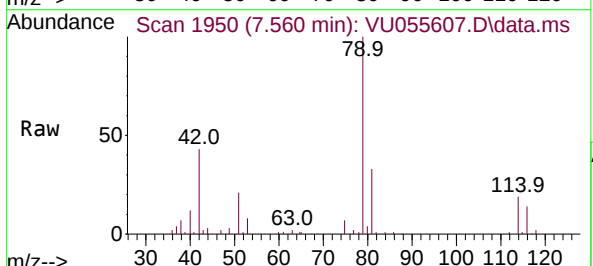
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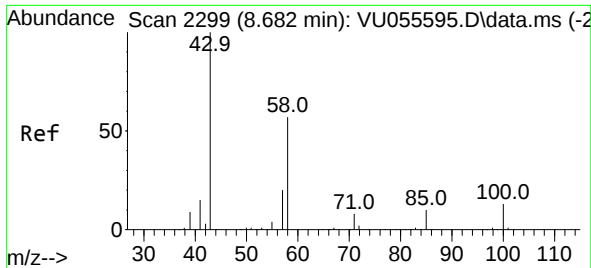
Tgt Ion: 75 Resp: 2591

Ion Ratio Lower Upper

75 100

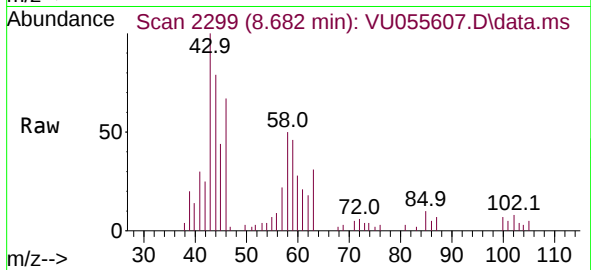
77 33.0 21.6 40.2



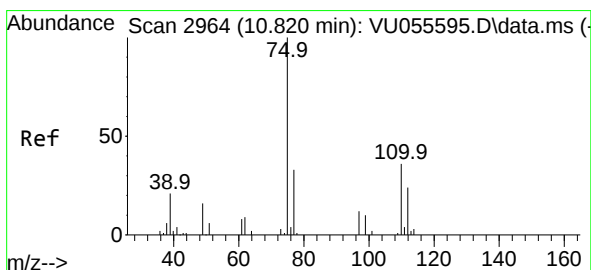
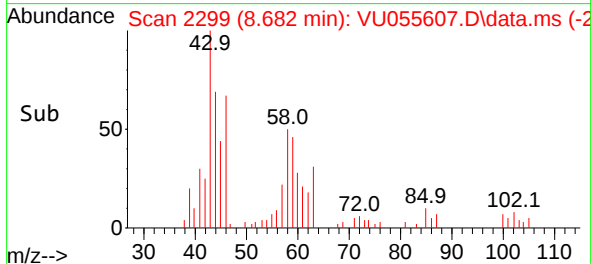
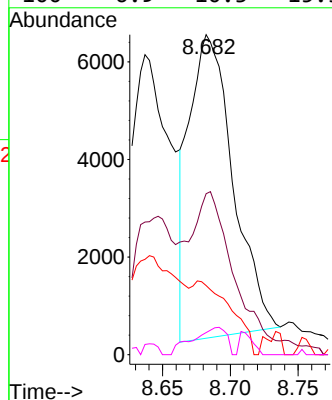


#48
2-Hexanone
Concen: 3.345 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055607.D
Acq: 02 Oct 2023 16:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 13991
Ion Ratio Lower Upper
43 100
58 50.6 48.5 72.7
57 0.0 17.0 25.4#
100 6.9 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.958 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055607.D
Acq: 02 Oct 2023 16:14

Tgt Ion: 75 Resp: 11653
Ion Ratio Lower Upper
75 100
110 2.7 30.6 45.8#
77 33.5 26.7 40.1

