

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058485.D
 Acq On : 08 Apr 2024 22:07
 Operator : MD/SY
 Sample : P2013-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:51:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

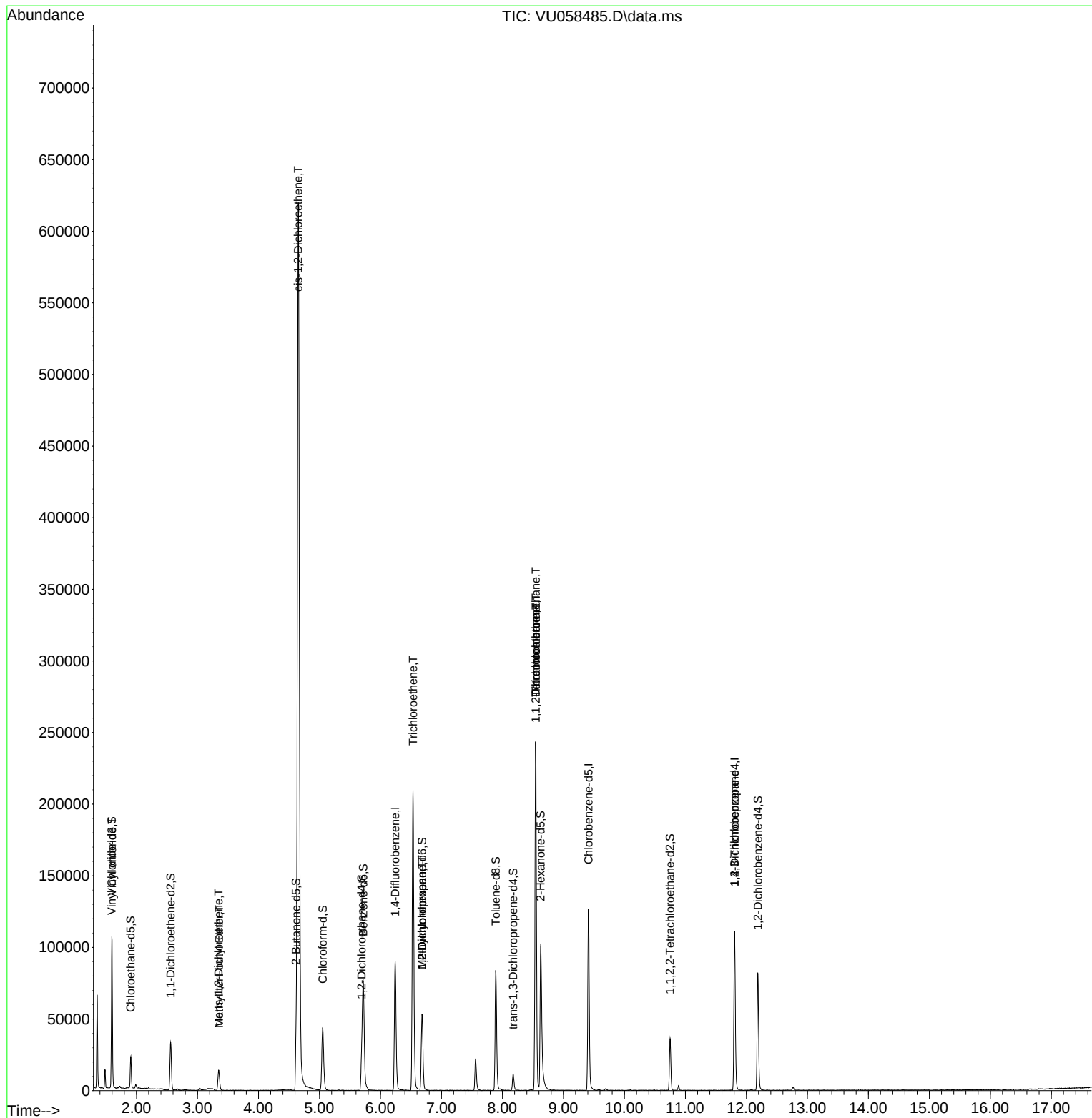
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14592	3.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.904	69	14795	3.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.560	65	6614	3.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	4.618	46	53843	53.904	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.800%
24) Chloroform-d	5.052	84	40926	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.692	65	20034	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.717	84	70846	3.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.682	67	26006	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.891	98	56324	3.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.177	79	6918	3.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.627	63	36435	49.410	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19208	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	21770	4.398	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	56533	7.751	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	1216	0.101	ug/L #	78
18) trans-1,2-Dichloroethene	3.348	96	5419	1.019	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	304864	51.052	ug/L	97
34) Trichloroethene	6.534	95	71509	11.472	ug/L	94
35) Methylcyclohexane	6.682	83	5417	0.577	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2815	0.433	ug/L #	90
45) 1,1,2-Trichloroethane	8.550	97	443	0.117	ug/L #	1
47) Tetrachloroethene	8.547	164	51569	11.285	ug/L	99
49) Dibromochloromethane	8.547	129	50293	11.448	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4151	1.384	ug/L #	70

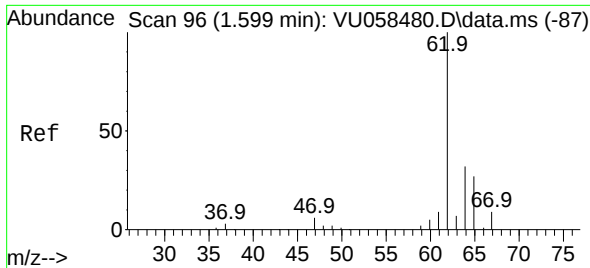
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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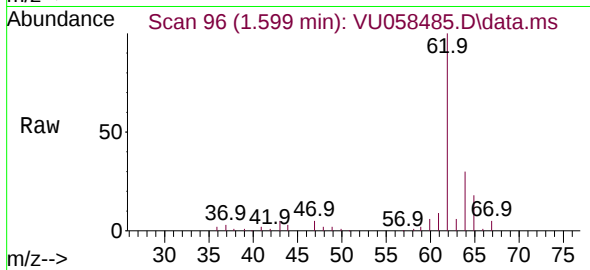
Quant Time: Apr 09 05:51:32 2024
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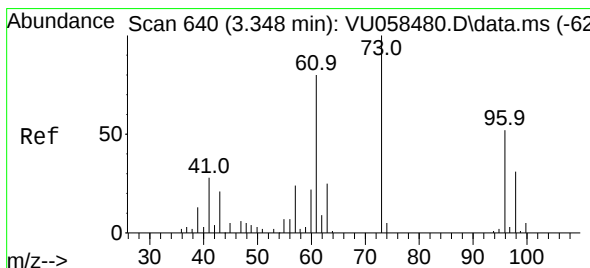
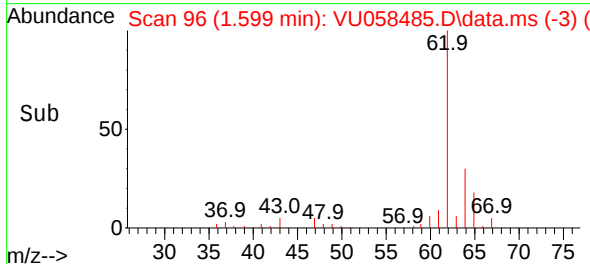
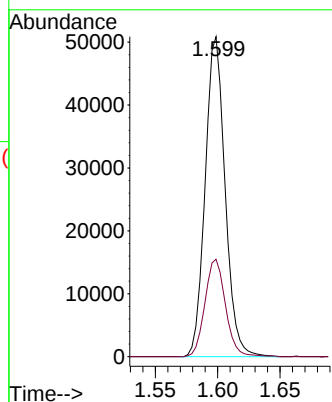


#5
 Vinyl chloride
 Concen: 7.751 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058485.D
 Acq: 08 Apr 2024 22:07

Instrument :
 MSVOA_U
 ClientSampleId :

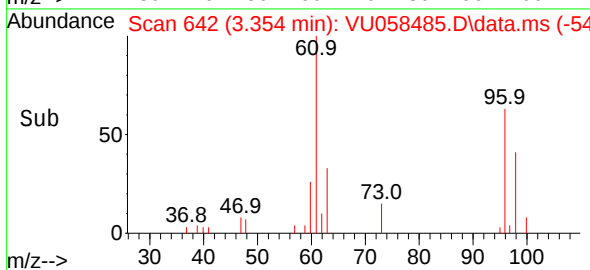
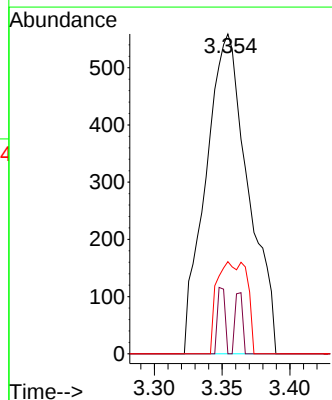
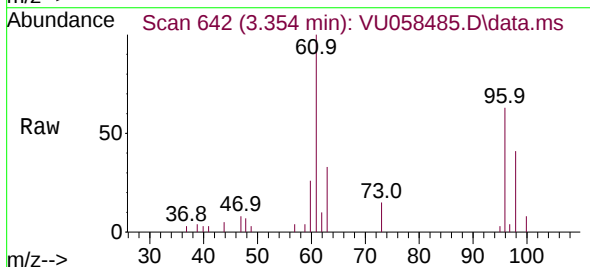


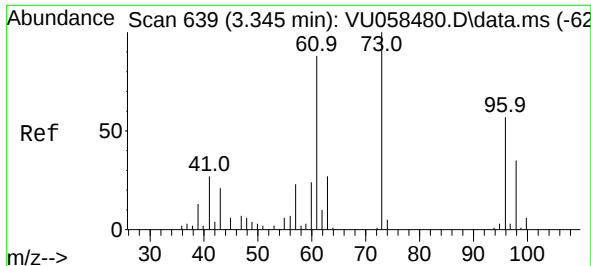
Tgt Ion: 62 Resp: 56533
 Ion Ratio Lower Upper
 62 100
 64 30.5 22.6 42.0



#17
 Methyl tert-butyl Ether
 Concen: 0.101 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. 0.006 min
 Lab File: VU058485.D
 Acq: 08 Apr 2024 22:07

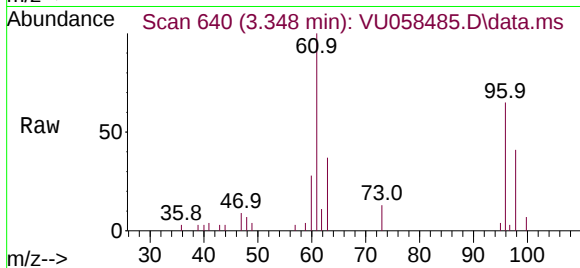
Tgt Ion: 73 Resp: 1216
 Ion Ratio Lower Upper
 73 100
 43 3.6 17.4 26.2#
 57 20.4 18.6 27.8



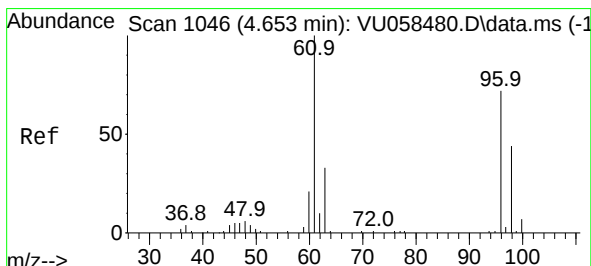
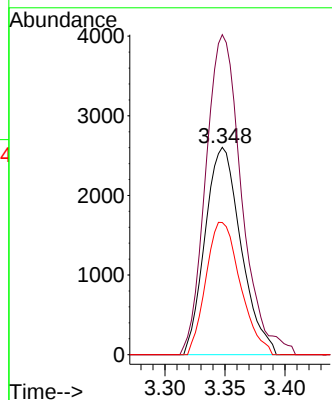
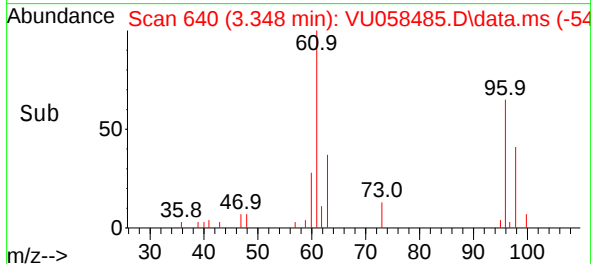


#18
trans-1,2-Dichloroethene
Concen: 1.019 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07

Instrument :
MSVOA_U
ClientSampleId :

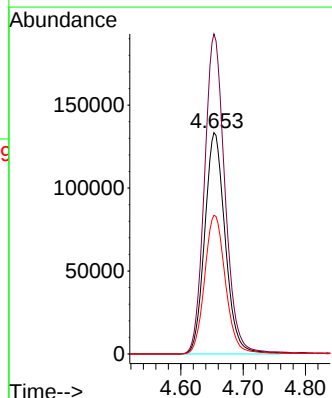
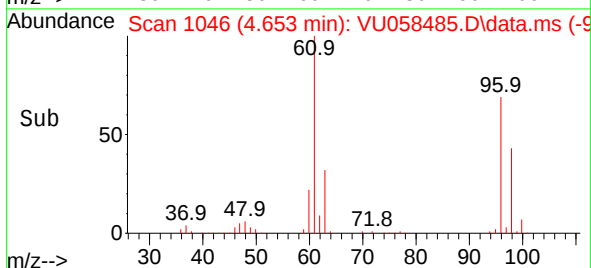
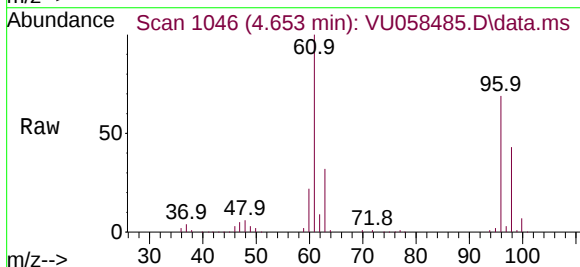


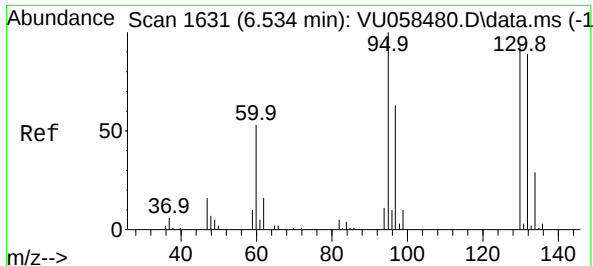
Tgt Ion: 96 Resp: 5419
Ion Ratio Lower Upper
96 100
61 146.6 107.6 199.8
98 60.5 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 51.052 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07

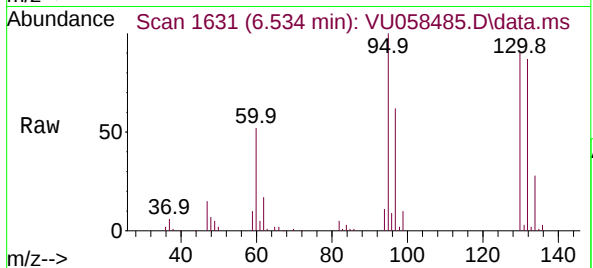
Tgt Ion: 96 Resp: 304864
Ion Ratio Lower Upper
96 100
61 144.6 98.1 182.3
98 62.7 43.6 81.0



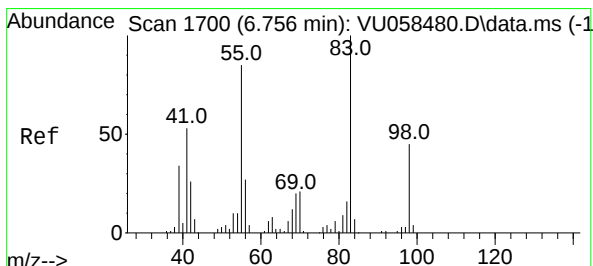
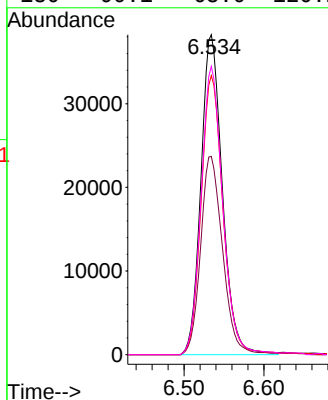
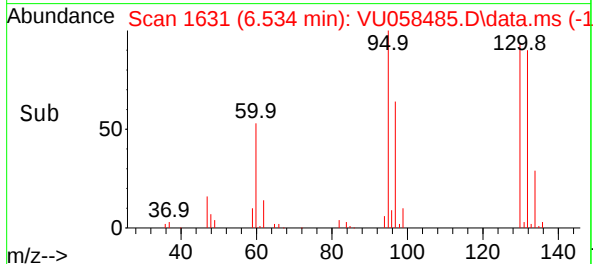


#34
Trichloroethene
Concen: 11.472 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07

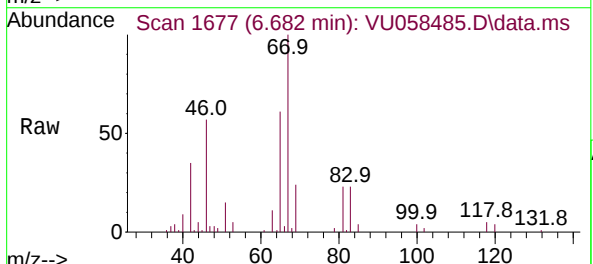
Instrument :
MSVOA_U
ClientSampleId :



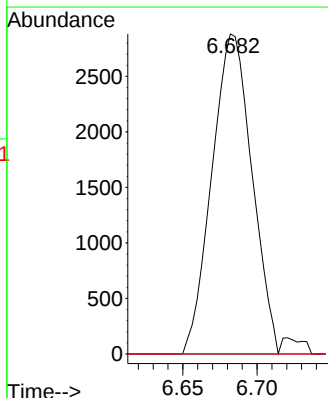
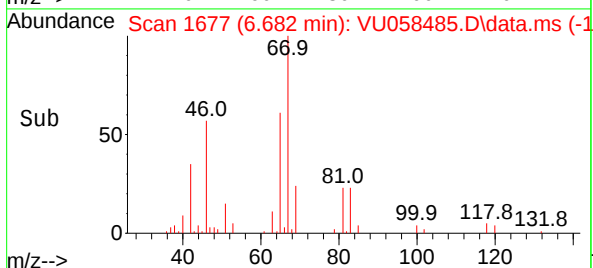
Tgt Ion: 95 Resp: 71509
Ion Ratio Lower Upper
95 100
97 62.0 45.6 84.6
132 87.2 64.8 120.3
130 90.1 68.0 126.2

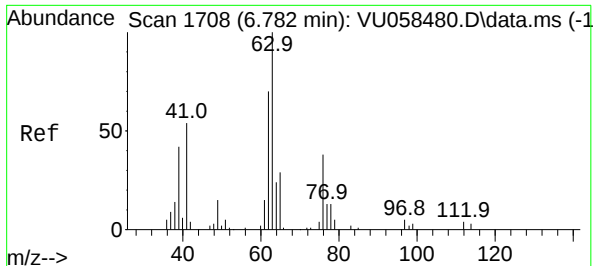


#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07



Tgt Ion: 83 Resp: 5417
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

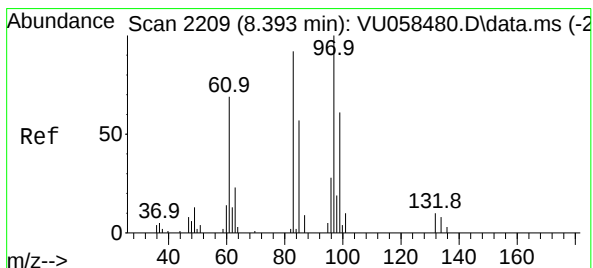
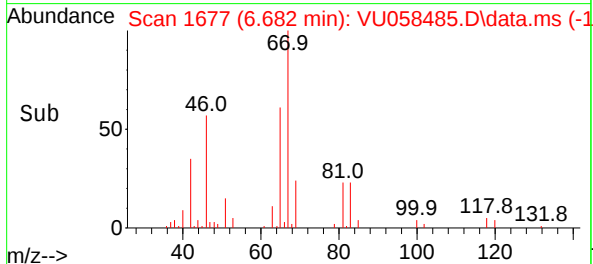
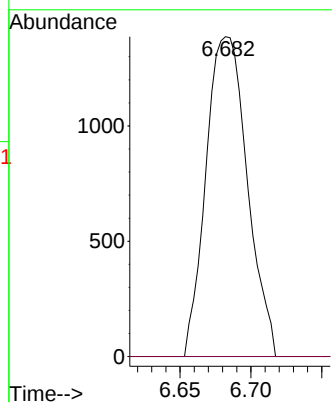
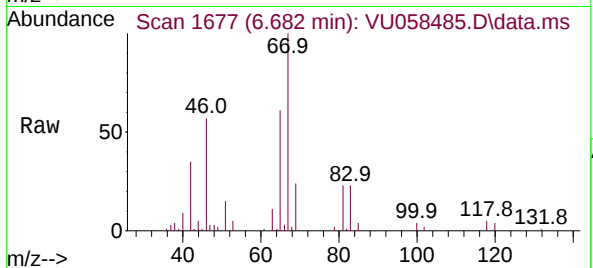




#37
1,2-Dichloropropane
Concen: 0.433 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07

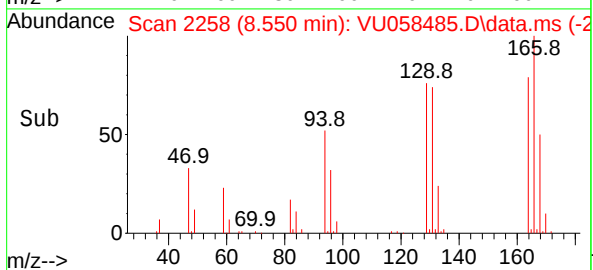
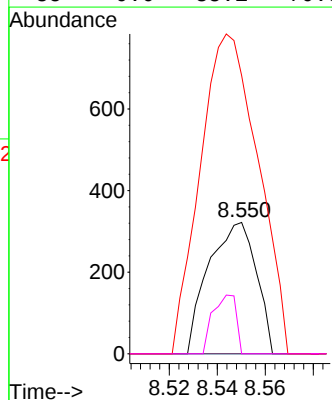
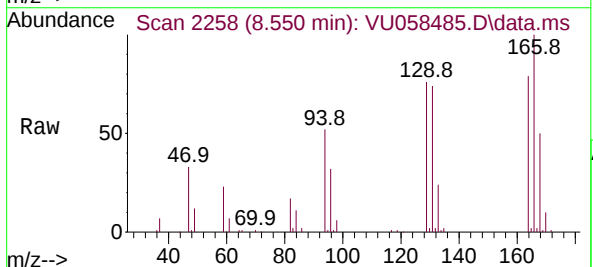
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MSVOA_U
ClientSampleId :

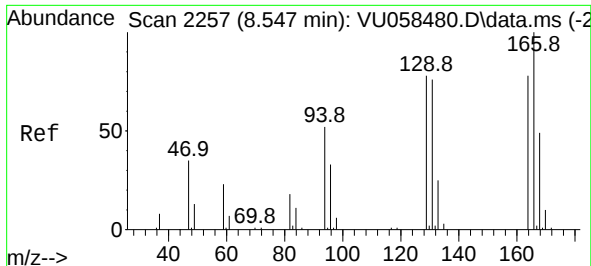
Tgt Ion: 63 Resp: 2815
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#45
1,1,2-Trichloroethane
Concen: 0.117 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.157 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07

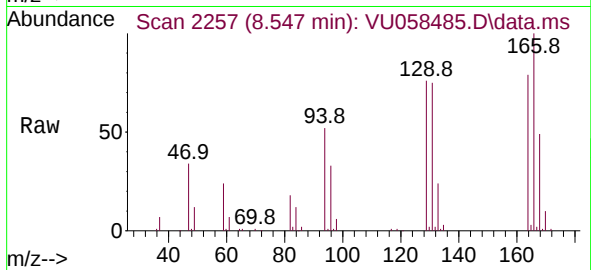
Tgt Ion: 97 Resp: 443
Ion Ratio Lower Upper
97 100
99 0.0 43.7 81.1#
83 211.8 64.5 119.7#
85 0.0 38.1 70.9#



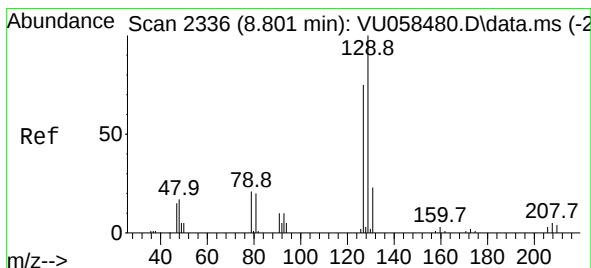
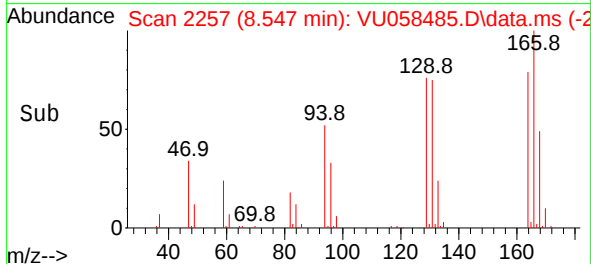
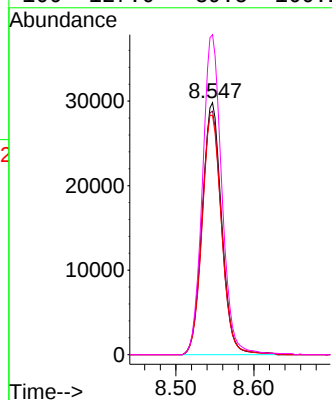


#47
Tetrachloroethene
Concen: 11.285 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07

Instrument :
MSVOA_U
ClientSampleId :

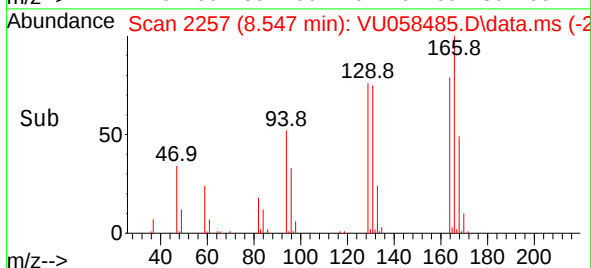
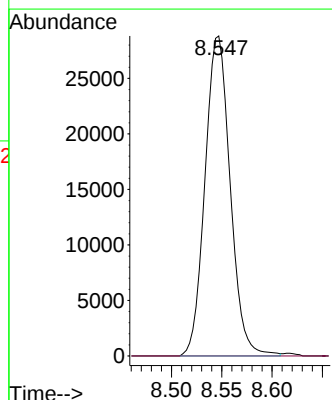
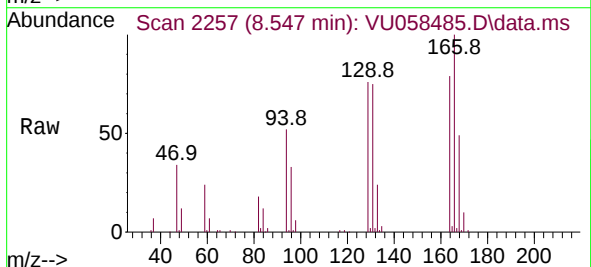


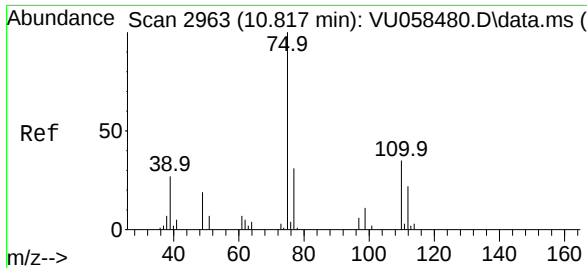
Tgt Ion:164 Resp: 51569
Ion Ratio Lower Upper
164 100
129 96.7 67.3 125.1
131 95.0 65.5 121.6
166 127.0 89.5 166.1



#49
Dibromochloromethane
Concen: 11.448 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07

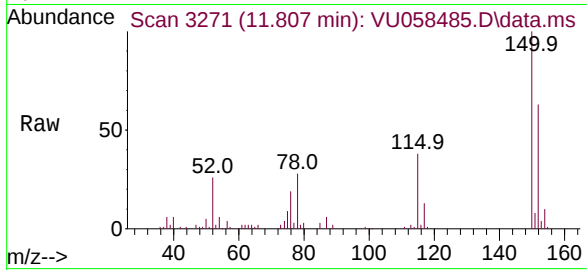
Tgt Ion:129 Resp: 50293
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.384 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058485.D
Acq: 08 Apr 2024 22:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4151
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.0 25.1 37.7

