

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058486.D
 Acq On : 08 Apr 2024 22:30
 Operator : MD/SY
 Sample : P2013-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:51:47 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)

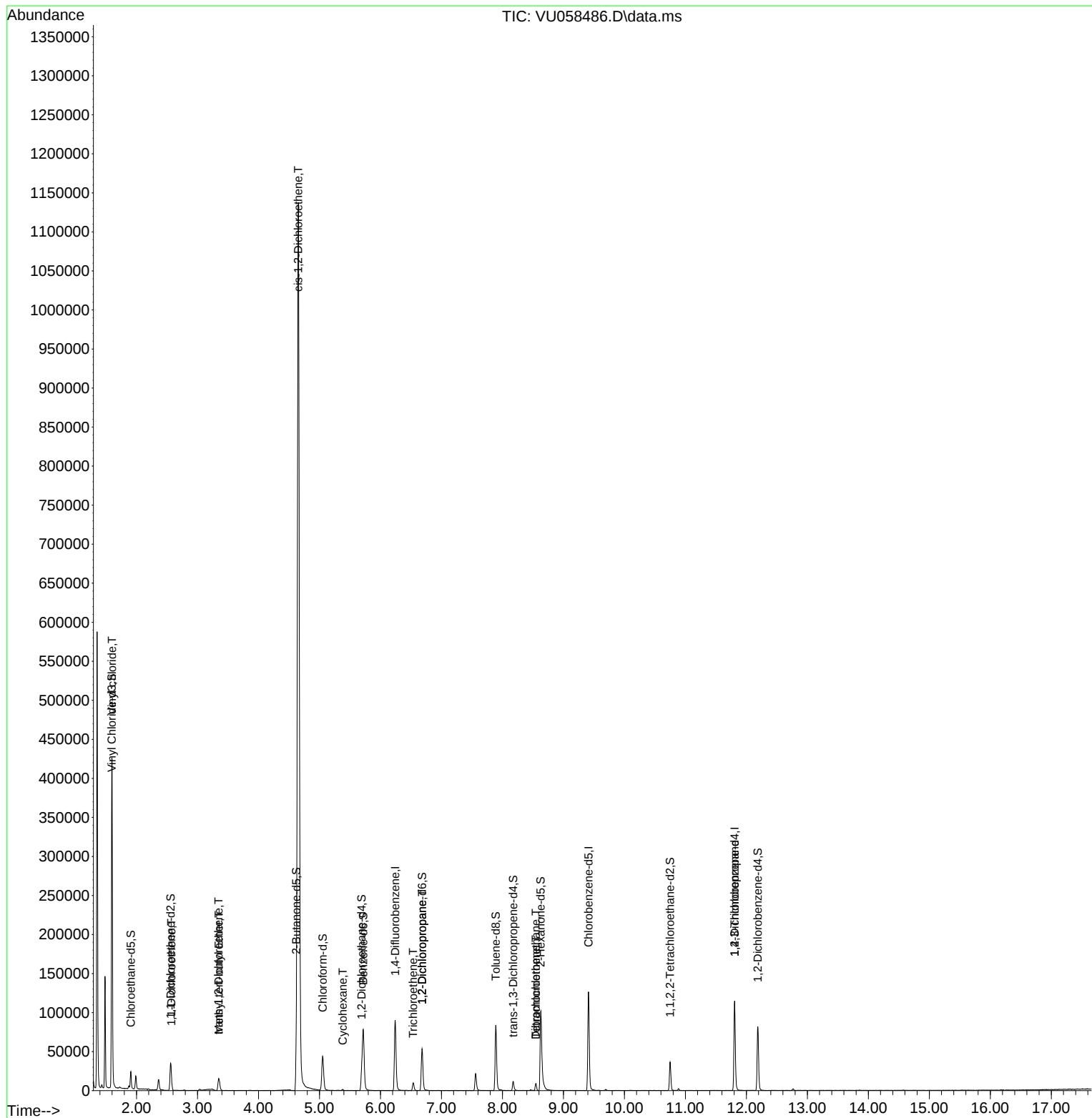
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70652	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15671	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.907	69	14817	3.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.560	65	6571	3.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	4.621	46	55555	56.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.720%
24) Chloroform-d	5.052	84	40226	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	20505	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.717	84	70456	3.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.682	67	25645	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.891	98	56135	3.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.177	79	6951	3.930	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.627	63	36561	50.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19107	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	21437	4.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
5) Vinyl chloride	1.599	62	273003	37.929	ug/L	99
12) 1,1-Dichloroethene	2.570	96	1684	0.336	ug/L #	1
17) Methyl tert-butyl Ether	3.351	73	7150	0.605	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	3507	0.668	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	553363	93.899	ug/L	96
30) Cyclohexane	5.380	56	806	0.084	ug/L #	73
34) Trichloroethene	6.537	95	3533	0.573	ug/L	89
37) 1,2-Dichloropropane	6.682	63	2680	0.416	ug/L #	90
47) Tetrachloroethene	8.550	164	1817	0.402	ug/L	87
49) Dibromochloromethane	8.547	129	2001	0.460	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4058	1.338	ug/L #	70

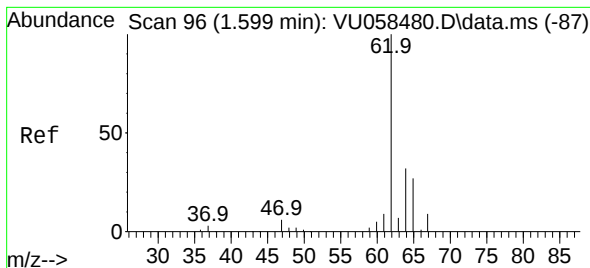
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 37.929 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058486.D

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Instrument :

MSVOA_U

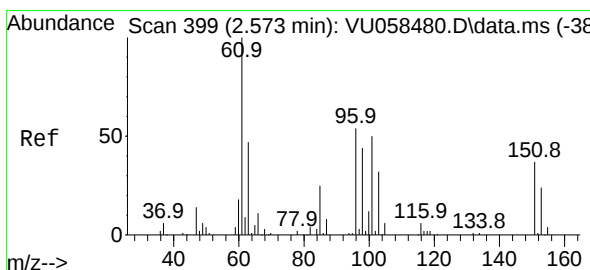
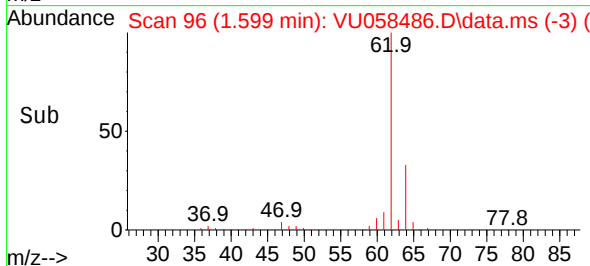
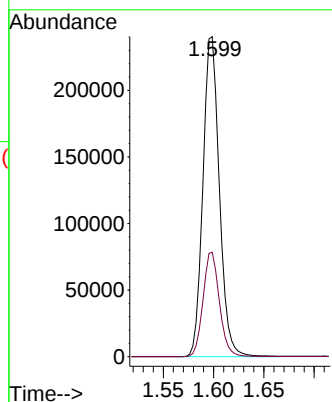
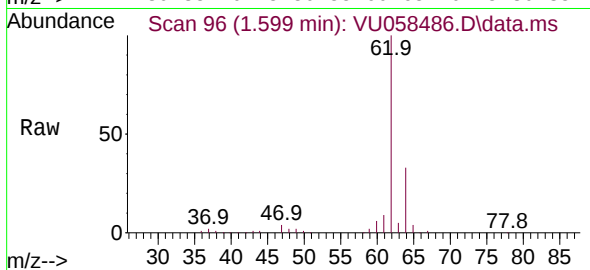
ClientSampleId :

Tgt Ion: 62 Resp: 273003

Ion Ratio Lower Upper

62 100

64 32.7 22.6 42.0



#12

1,1-Dichloroethene

Concen: 0.336 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU058486.D

Acq: 08 Apr 2024 22:30

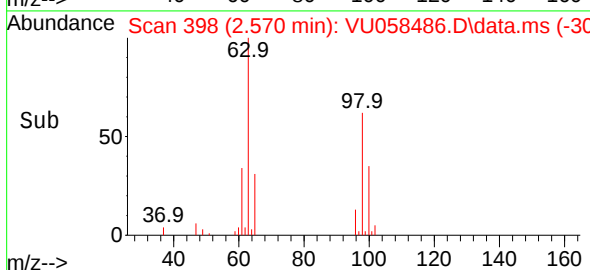
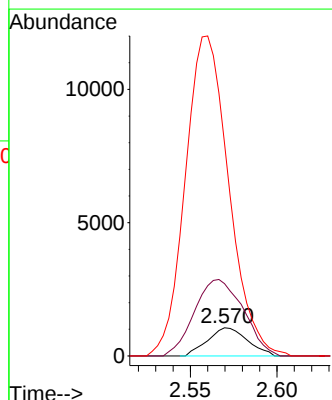
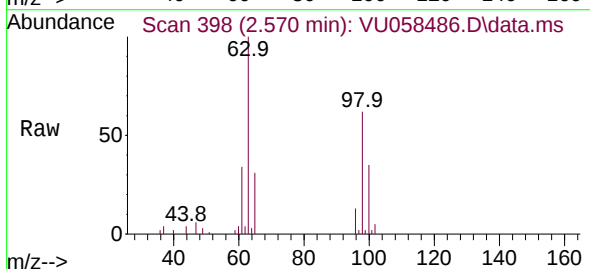
Tgt Ion: 96 Resp: 1684

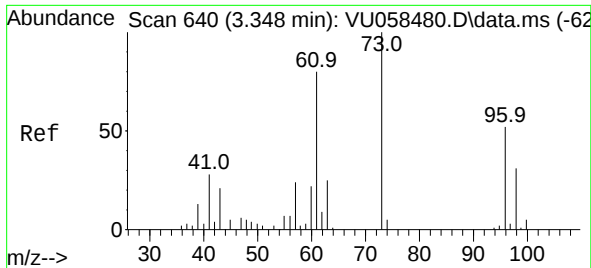
Ion Ratio Lower Upper

96 100

61 256.7 132.5 246.1#

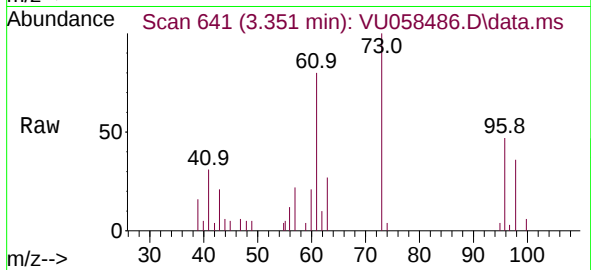
63 754.7 87.7 162.9#



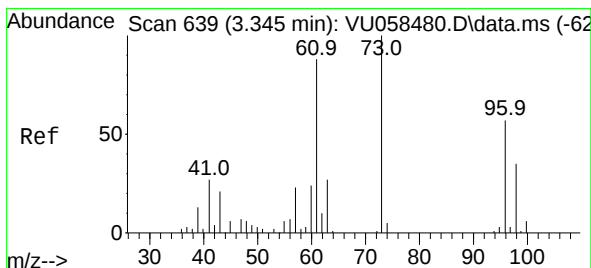
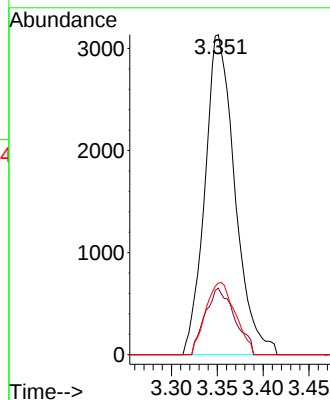
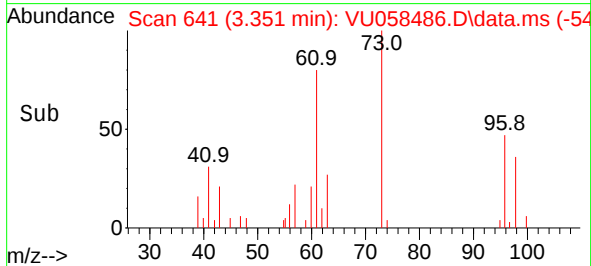


#17
Methyl tert-butyl Ether
Concen: 0.605 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058486.D
Acq: 08 Apr 2024 22:30

Instrument :
MSVOA_U
ClientSampleId :

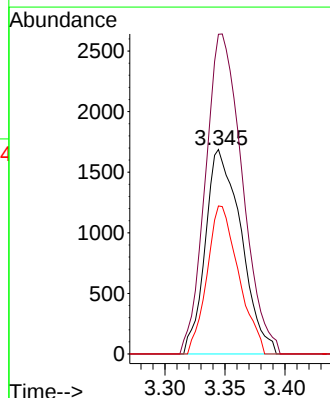
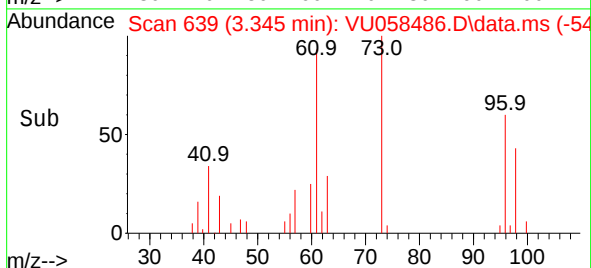
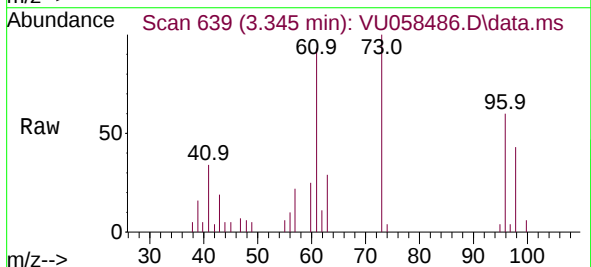


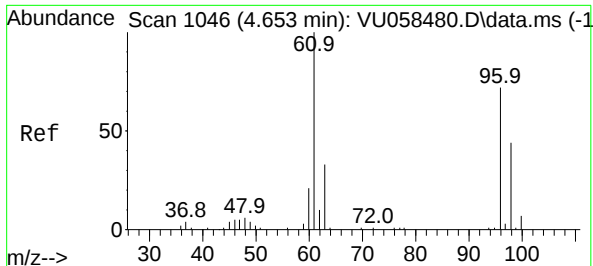
Tgt Ion: 73 Resp: 7150
Ion Ratio Lower Upper
73 100
43 20.5 17.4 26.2
57 22.2 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 0.668 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058486.D
Acq: 08 Apr 2024 22:30

Tgt Ion: 96 Resp: 3507
Ion Ratio Lower Upper
96 100
61 156.3 107.6 199.8
98 72.4 45.1 83.7

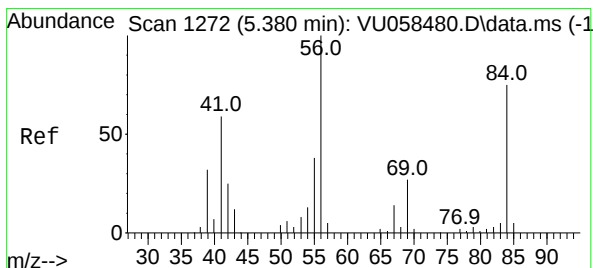
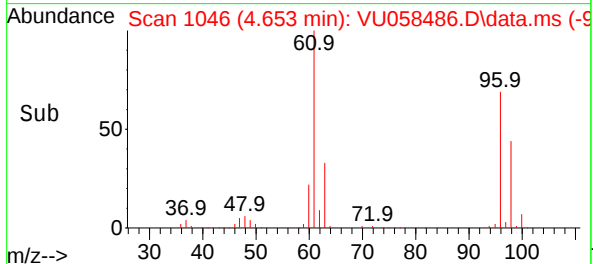
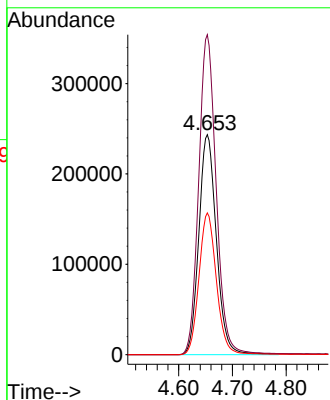
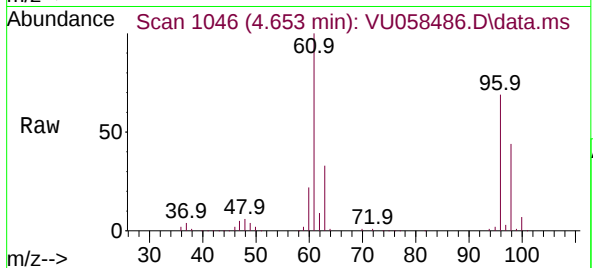




#22
 cis-1,2-Dichloroethene
 Concen: 93.899 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU058486.D
 Acq: 08 Apr 2024 22:30

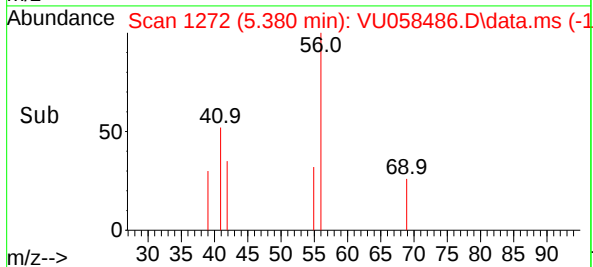
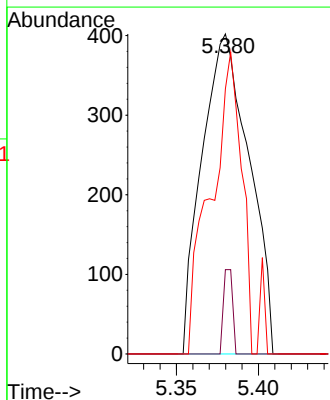
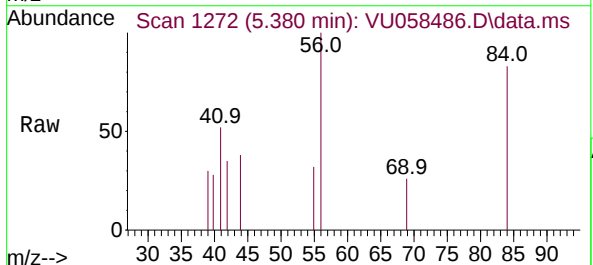
Instrument :
 MSVOA_U
 ClientSampleId :

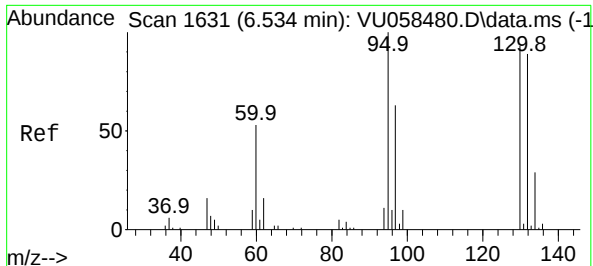
Tgt Ion: 96 Resp: 553363
 Ion Ratio Lower Upper
 96 100
 61 145.5 98.1 182.3
 98 64.4 43.6 81.0



#30
 Cyclohexane
 Concen: 0.084 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VU058486.D
 Acq: 08 Apr 2024 22:30

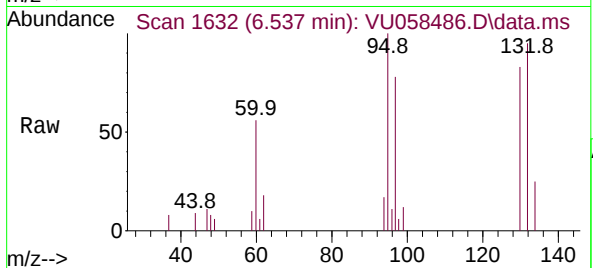
Tgt Ion: 56 Resp: 806
 Ion Ratio Lower Upper
 56 100
 69 5.1 23.2 34.8#
 84 61.3 63.3 94.9#





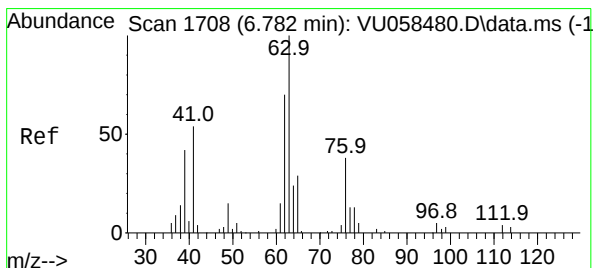
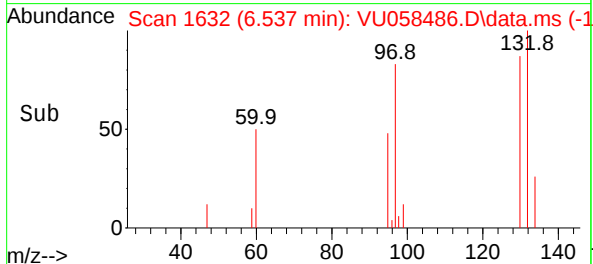
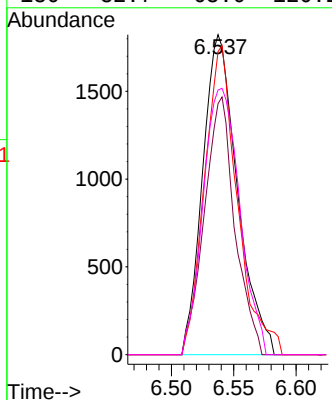
#34
Trichloroethene
Concen: 0.573 ug/L
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU058486.D
Acq: 08 Apr 2024 22:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 3533

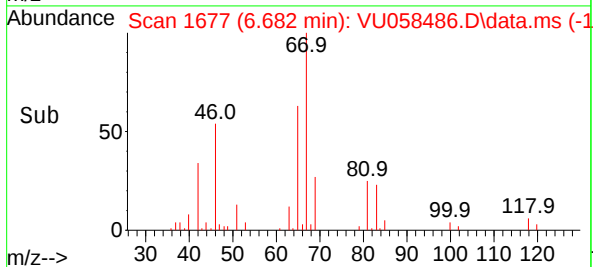
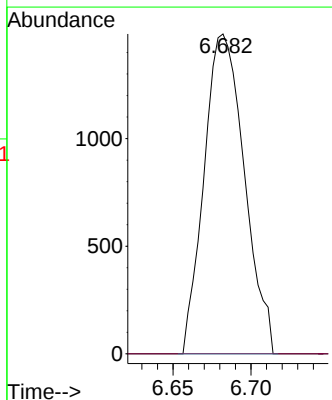
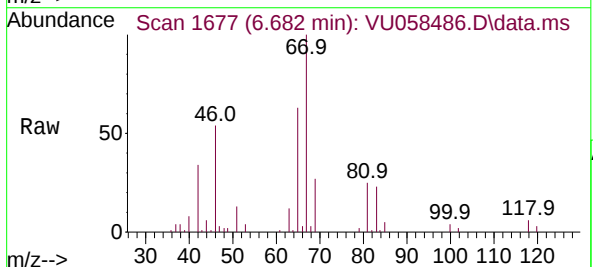
Ion	Ratio	Lower	Upper
95	100		
97	78.4	45.6	84.6
132	94.7	64.8	120.3
130	82.7	68.0	126.2

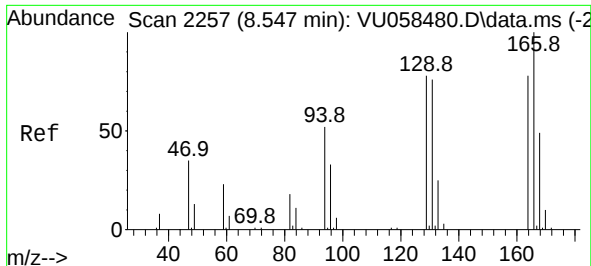


#37
1,2-Dichloropropane
Concen: 0.416 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058486.D
Acq: 08 Apr 2024 22:30

Tgt Ion: 63 Resp: 2680

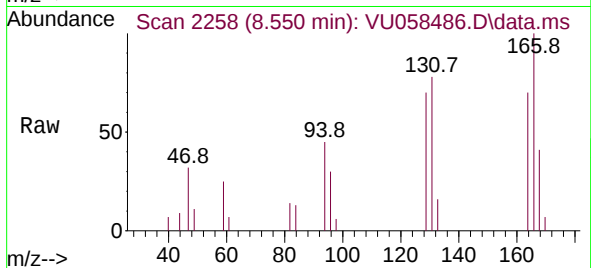
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#



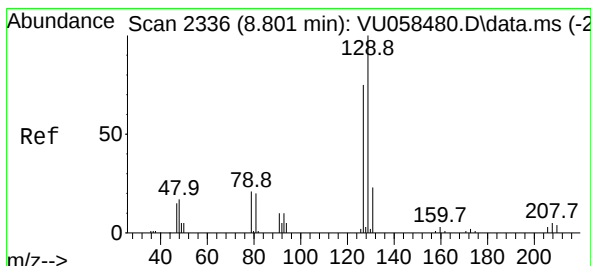
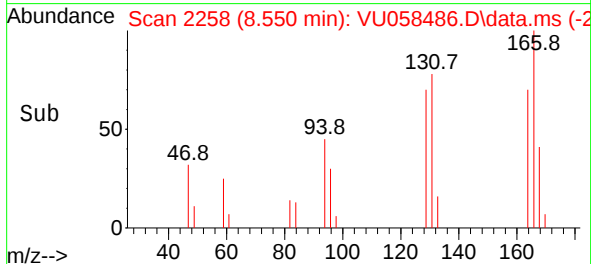
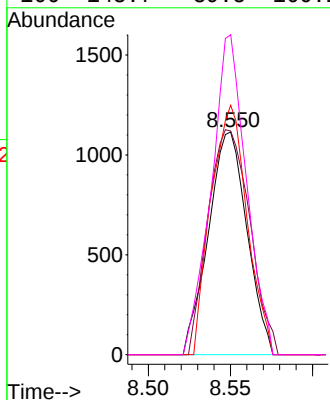


#47
Tetrachloroethene
Concen: 0.402 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058486.D
Acq: 08 Apr 2024 22:30

Instrument :
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ClientSampleId :

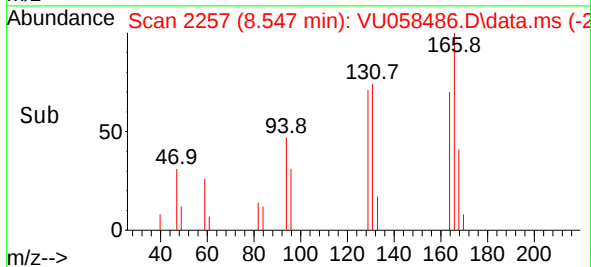
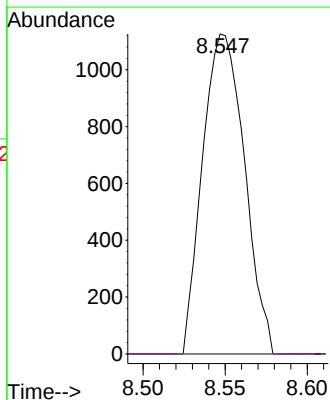
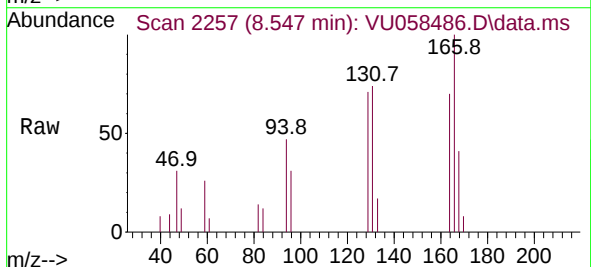


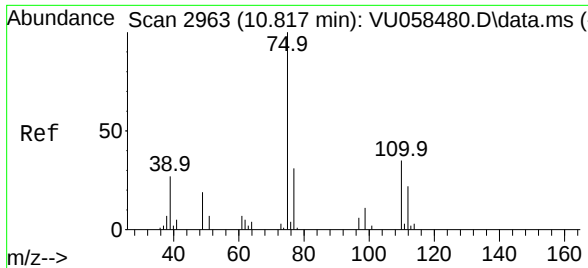
Tgt Ion:	164	Resp:	1817
Ion	Ratio	Lower	Upper
164	100		
129	100.4	67.3	125.1
131	112.0	65.5	121.6
166	143.7	89.5	166.1



#49
Dibromochloromethane
Concen: 0.460 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU058486.D
Acq: 08 Apr 2024 22:30

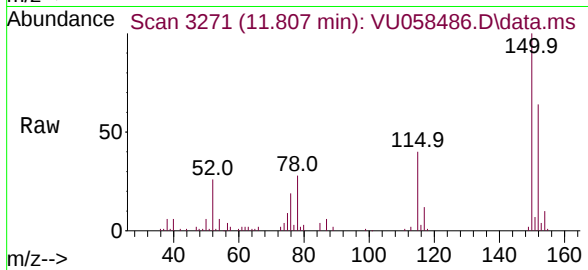
Tgt Ion:	129	Resp:	2001
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
1,2,3-Trichloropropane
Concen: 1.338 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058486.D
Acq: 08 Apr 2024 22:30

Instrument :
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Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	25.8	38.6#
77	30.5	25.1	37.7

