

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058496.D
 Acq On : 09 Apr 2024 02:26
 Operator : MD/SY
 Sample : P2013-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:54:15 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)

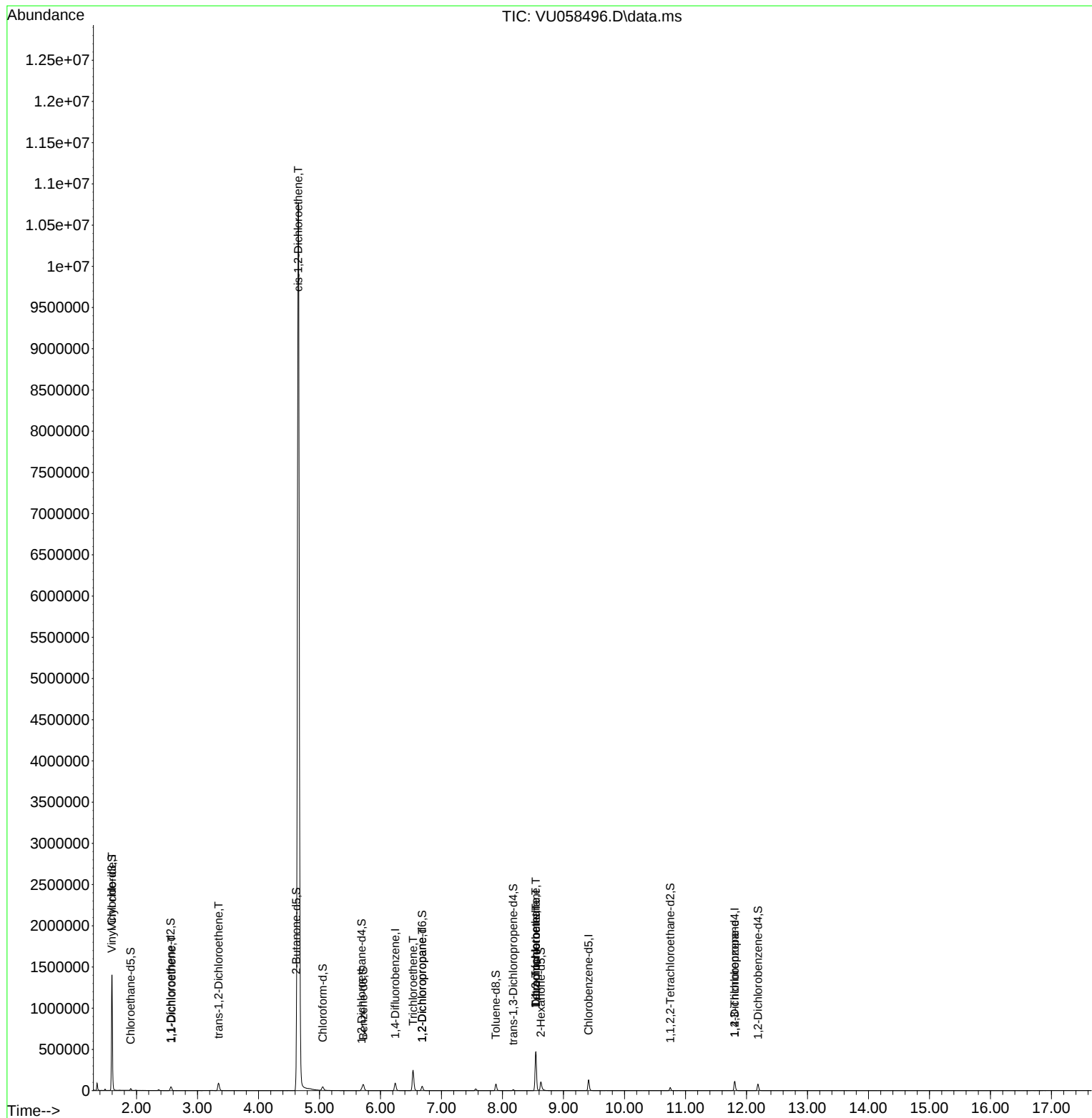
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20308	4.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.904	69	13994	3.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.560	65	6119	2.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	4.621	46	58931	58.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.400%
24) Chloroform-d	5.052	84	39675	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.692	65	19396	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.717	84	67680	3.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.682	67	24459	4.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.891	98	53460	3.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	8.177	79	6714	3.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.627	63	36679	48.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19049	4.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	20897	4.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	935502	127.628	ug/L	99
12) 1,1-Dichloroethene	2.573	96	7121	1.397	ug/L #	69
18) trans-1,2-Dichloroethene	3.345	96	35655	6.672	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	5044813	840.609	ug/L	94
34) Trichloroethene	6.534	95	83307	13.134	ug/L	97
37) 1,2-Dichloropropane	6.682	63	2904	0.439	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	911	0.236	ug/L #	10
47) Tetrachloroethene	8.547	164	97493	20.968	ug/L	98
49) Dibromochloromethane	8.547	129	94831	21.214	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4085	1.338	ug/L #	71

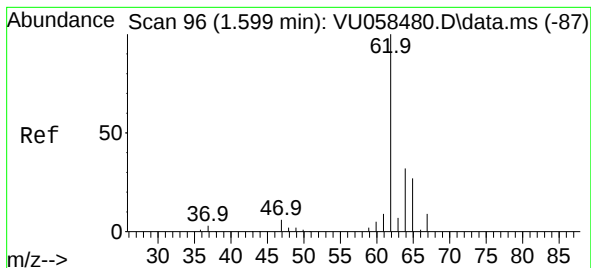
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 127.628 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058496.D

Acq: 09 Apr 2024 02:26

Instrument :

MSVOA_U

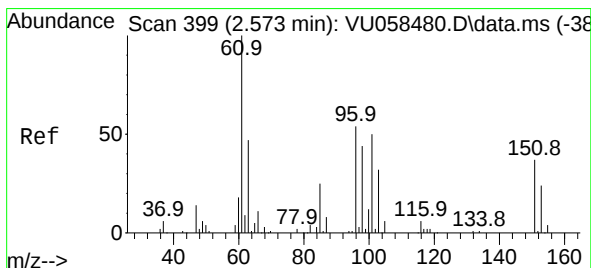
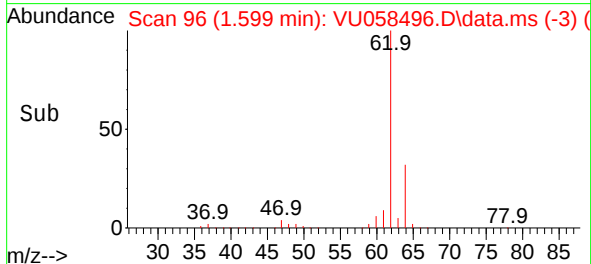
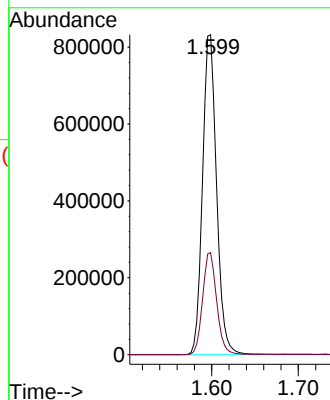
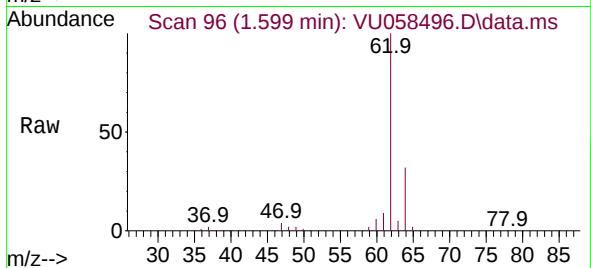
ClientSampleId :

Tgt Ion: 62 Resp: 935502

Ion Ratio Lower Upper

62 100

64 31.9 22.6 42.0



#12

1,1-Dichloroethene

Concen: 1.397 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU058496.D

Acq: 09 Apr 2024 02:26

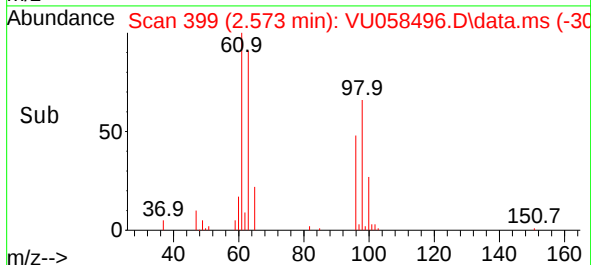
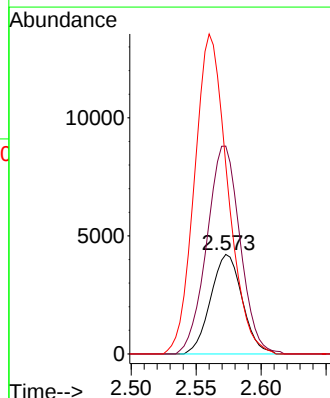
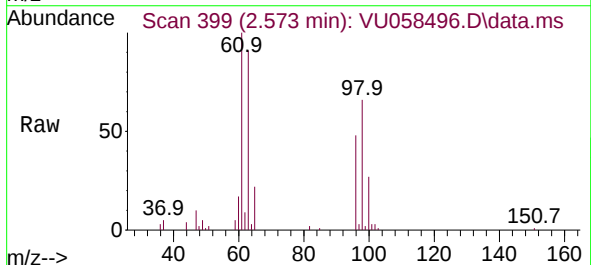
Tgt Ion: 96 Resp: 7121

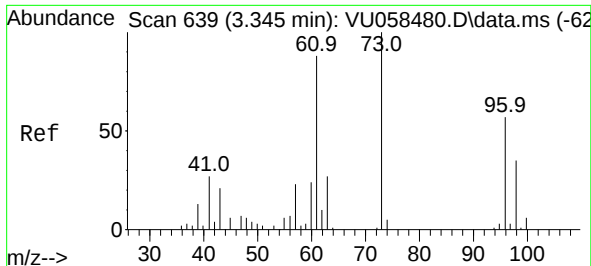
Ion Ratio Lower Upper

96 100

61 209.0 132.5 246.1

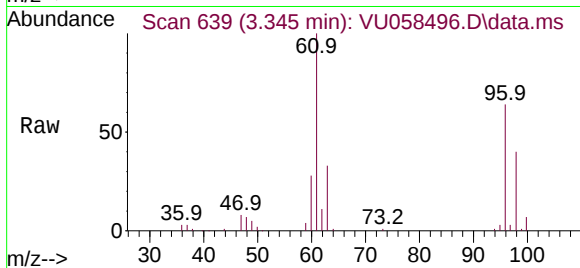
63 190.0 87.7 162.9#



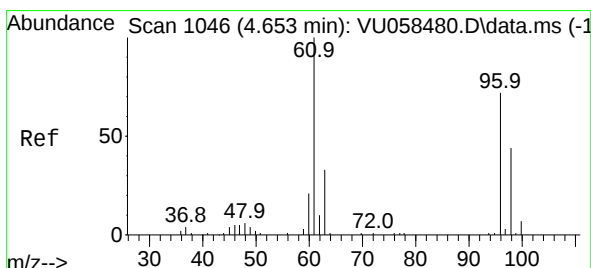
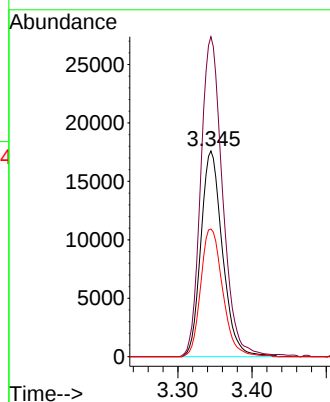
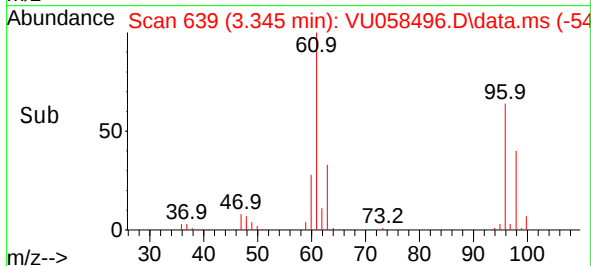


#18
trans-1,2-Dichloroethene
Concen: 6.672 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

Instrument :
MSVOA_U
ClientSampleId :

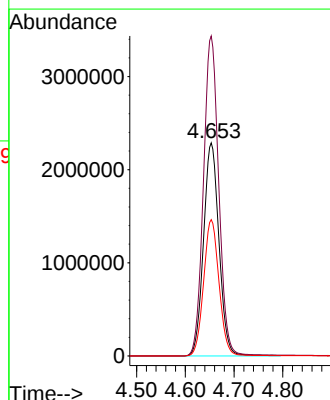
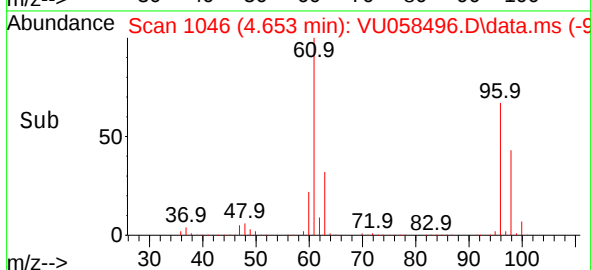
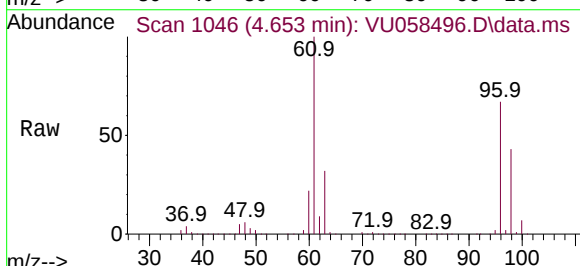


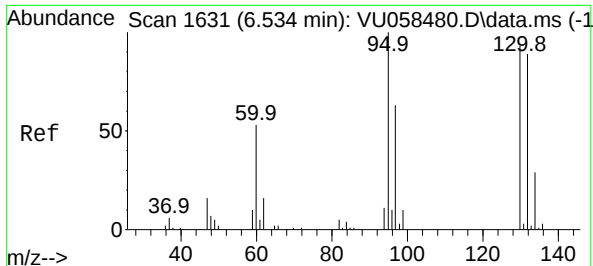
Tgt Ion: 96 Resp: 35655
Ion Ratio Lower Upper
96 100
61 155.5 107.6 199.8
98 62.0 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 840.609 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

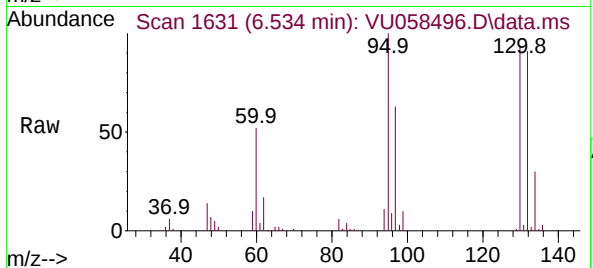
Tgt Ion: 96 Resp: 5044813
Ion Ratio Lower Upper
96 100
61 150.2 98.1 182.3
98 64.0 43.6 81.0



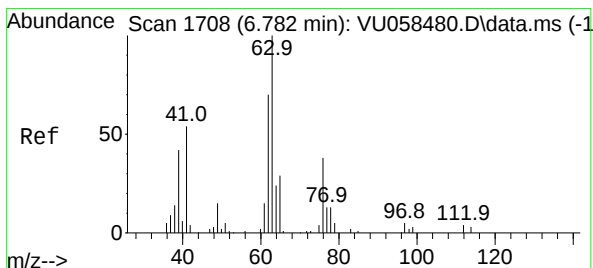
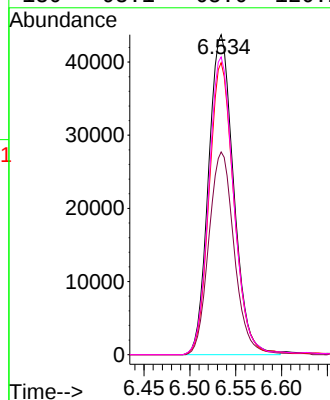
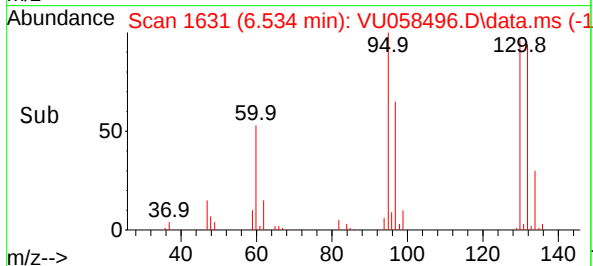


#34
Trichloroethene
Concen: 13.134 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

Instrument :
MSVOA_U
ClientSampleId :

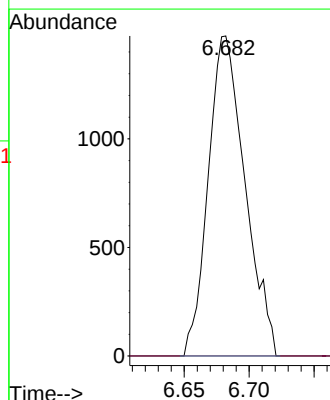
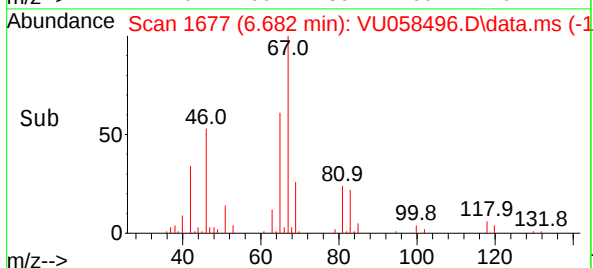
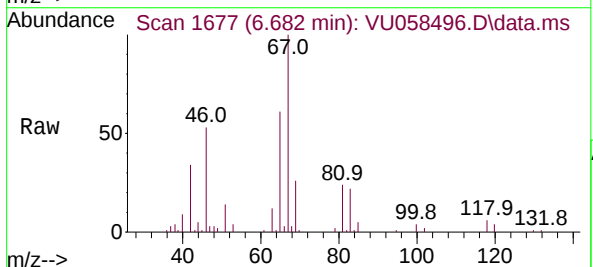


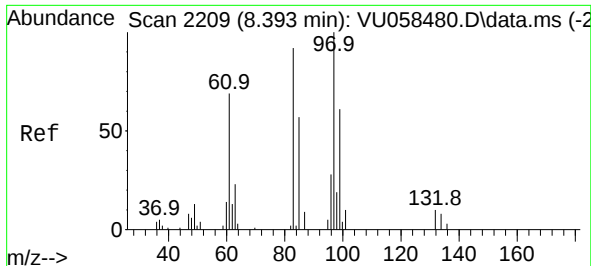
Tgt Ion: 95 Resp: 83307
Ion Ratio Lower Upper
95 100
97 63.4 45.6 84.6
132 91.3 64.8 120.3
130 93.1 68.0 126.2



#37
1,2-Dichloropropane
Concen: 0.439 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

Tgt Ion: 63 Resp: 2904
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



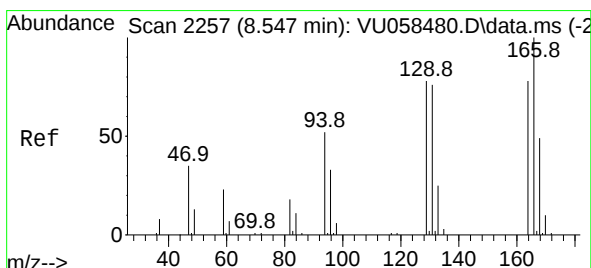
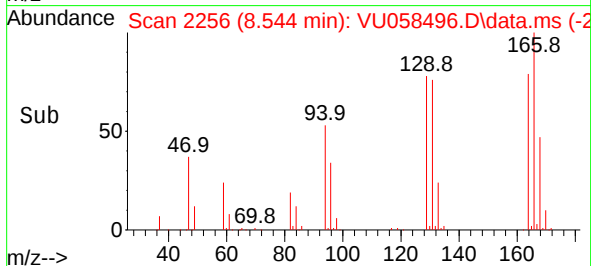
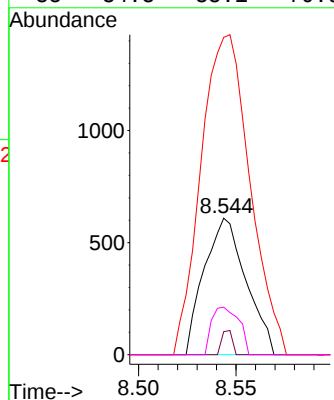
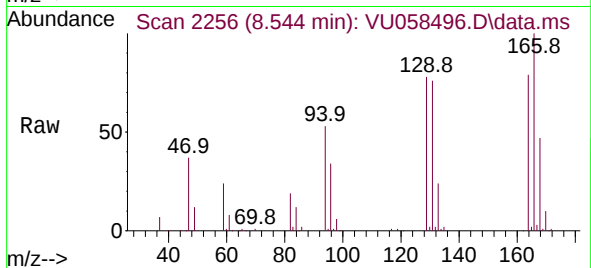


#45
1,1,2-Trichloroethane
Concen: 0.236 ug/L
RT: 8.544 min Scan# 2209
Delta R.T. 0.151 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 911

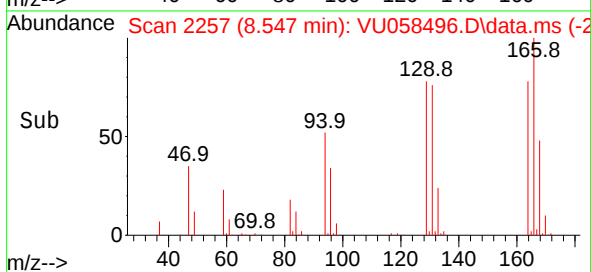
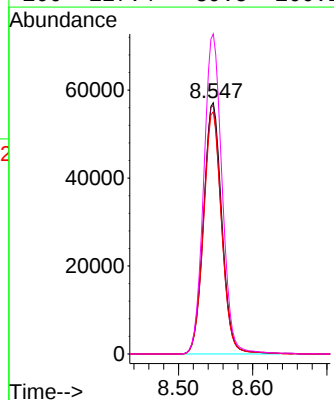
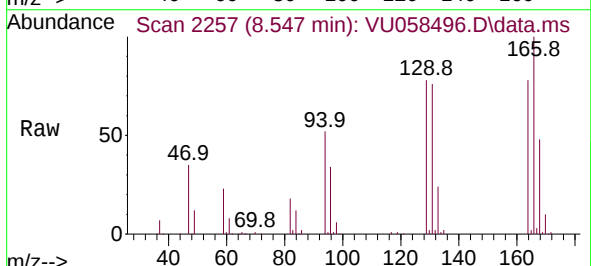
Ion	Ratio	Lower	Upper
97	100		
99	16.9	43.7	81.1#
83	232.5	64.5	119.7#
85	34.8	38.1	70.9#

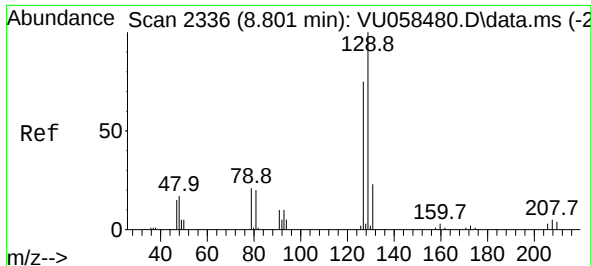


#47
Tetrachloroethene
Concen: 20.968 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

Tgt Ion: 164 Resp: 97493

Ion	Ratio	Lower	Upper
164	100		
129	98.9	67.3	125.1
131	96.4	65.5	121.6
166	127.4	89.5	166.1





#49

Dibromochloromethane

Concen: 21.214 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058496.D

Acq: 09 Apr 2024 02:26

Instrument :

MSVOA_U

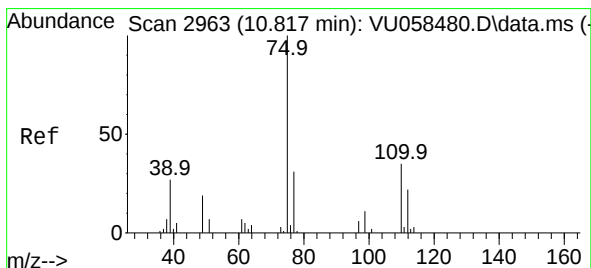
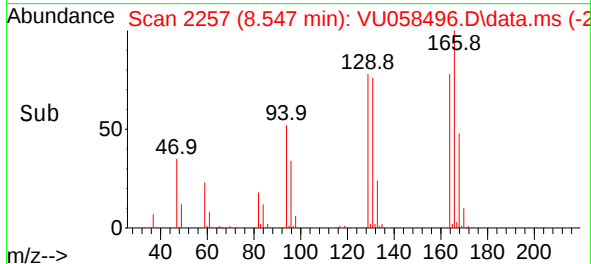
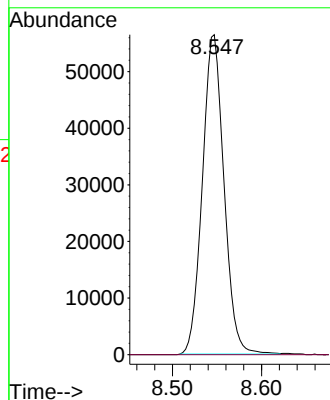
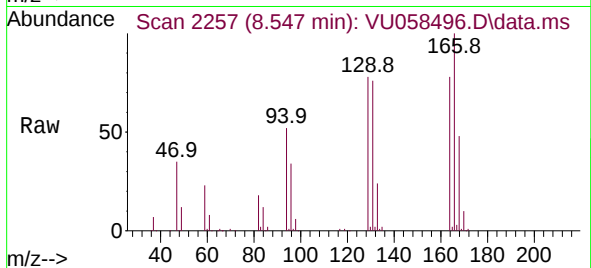
ClientSampleId :

Tgt Ion:129 Resp: 94831

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# 3271

Delta R.T. 0.990 min

Lab File: VU058496.D

Acq: 09 Apr 2024 02:26

Tgt Ion: 75 Resp: 4085

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 31.4 25.1 37.7

