

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056553.D
 Acq On : 21 Nov 2023 15:57
 Operator : MD/SY
 Sample : 05411-03REDL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:35:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

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

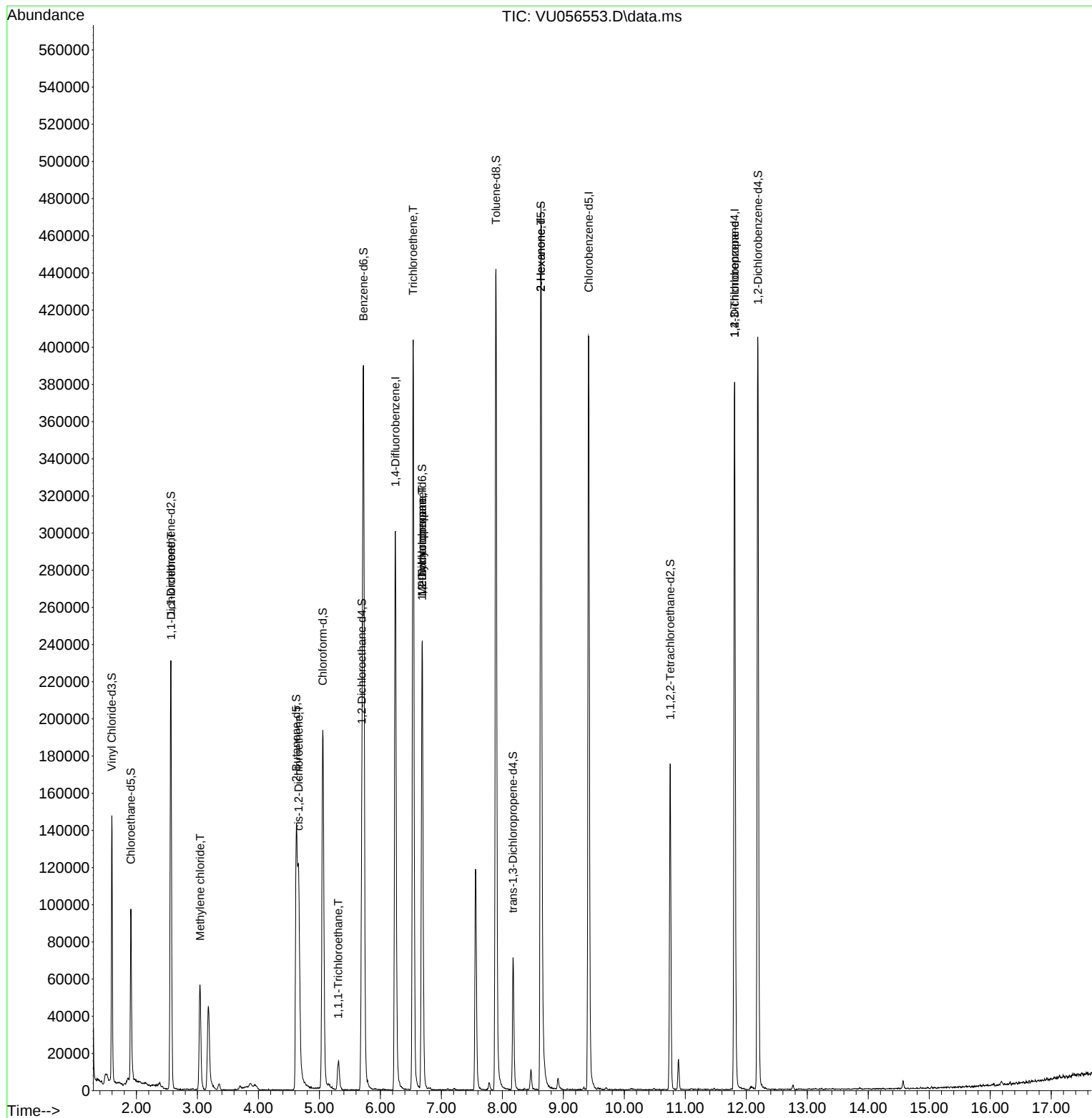
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	251717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	241784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103138	5.478	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.600%		
7) Chloroethane-d5	1.908	69	68752	4.763	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 95.200%		
11) 1,1-Dichloroethene-d2	2.563	65	43926	5.287	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.800%		
20) 2-Butanone-d5	4.621	46	209896	55.909	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.820%		
24) Chloroform-d	5.055	84	188056	5.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.200%		
26) 1,2-Dichloroethane-d4	5.695	65	94760	5.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
32) Benzene-d6	5.721	84	376763	5.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
36) 1,2-Dichloropropane-d6	6.685	67	121175	5.581	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.600%		
41) Toluene-d8	7.894	98	319478	5.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.400%		
43) trans-1,3-Dichloroprop...	8.174	79	43712	5.250	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 105.000%		
46) 2-Hexanone-d5	8.631	63	171042	52.271	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.540%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85865	5.535	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	105853	5.528	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.600%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	2296	0.149	ug/L #	1
16) Methylene chloride	3.043	84	29998	1.471	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	41677	2.318	ug/L	92
29) 1,1,1-Trichloroethane	5.309	97	10277	0.370	ug/L	99
34) Trichloroethene	6.538	95	147257	7.834	ug/L	97
35) Methylcyclohexane	6.685	83	27226	1.003	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	12940	0.719	ug/L #	88
48) 2-Hexanone	8.631	43	21694	3.122	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	13185	1.482	ug/L #	66

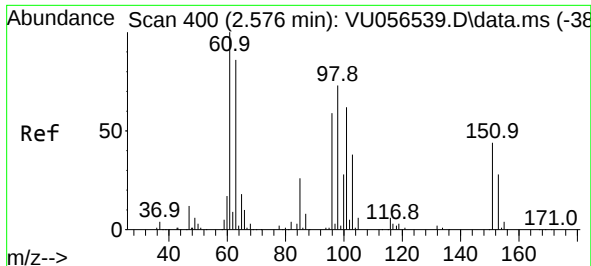
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
Data File : VU056553.D
Acq On : 21 Nov 2023 15:57
Operator : MD/SY
Sample : 05411-03REDL 20X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 21 23:35:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 21 23:30:53 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.149 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.010 min

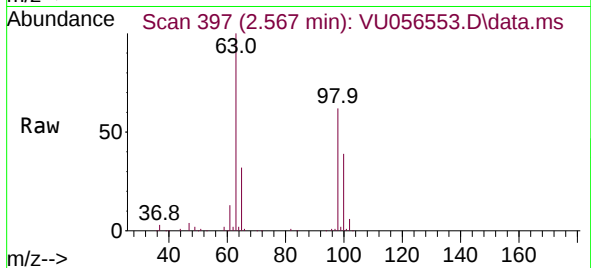
Lab File: VU056553.D

Acq: 21 Nov 2023 15:57

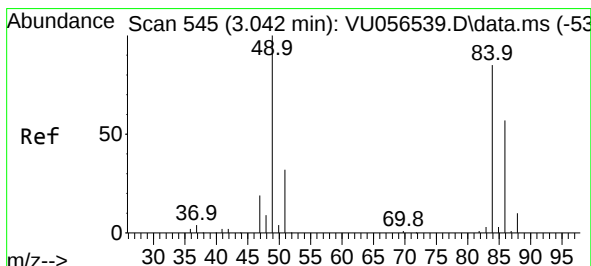
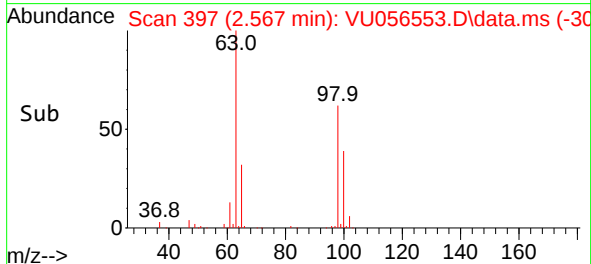
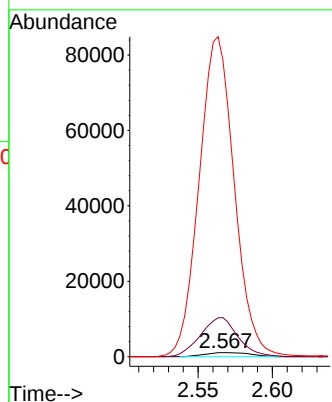
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2296
Ion	Ratio	Lower	Upper
96	100		
61	970.9	123.1	228.7#
63	7379.4	93.3	173.3#



#16

Methylene chloride

Concen: 1.471 ug/L

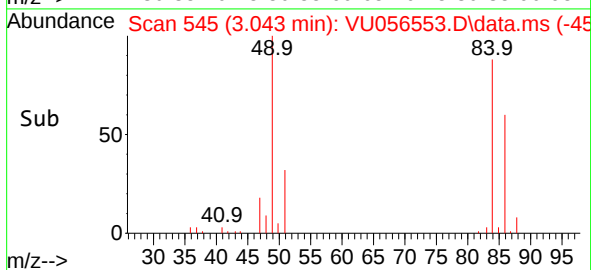
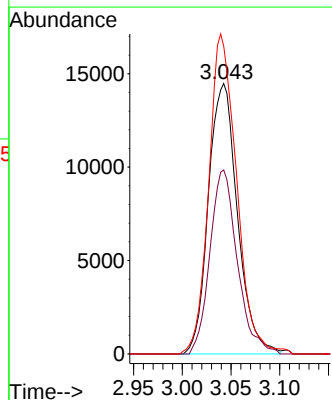
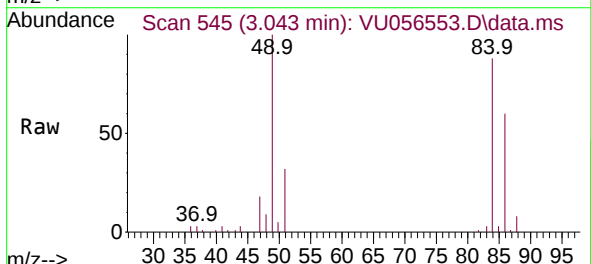
RT: 3.043 min Scan# 545

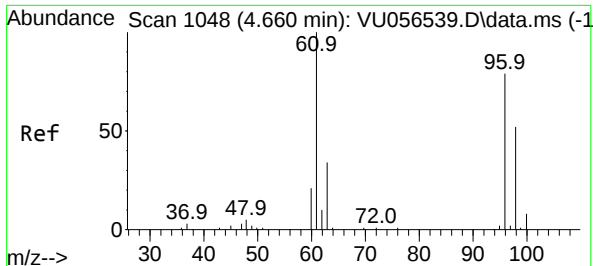
Delta R.T. 0.000 min

Lab File: VU056553.D

Acq: 21 Nov 2023 15:57

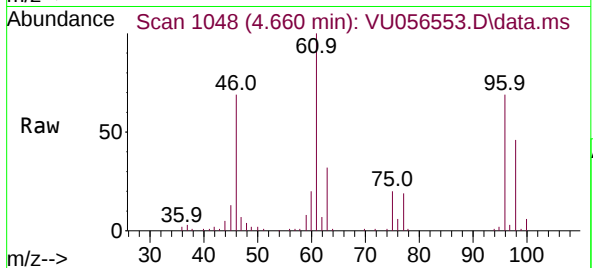
Tgt Ion:	84	Resp:	29998
Ion	Ratio	Lower	Upper
84	100		
86	68.1	44.7	83.1
49	119.8	81.8	152.0





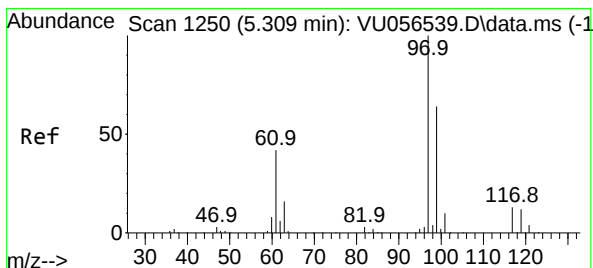
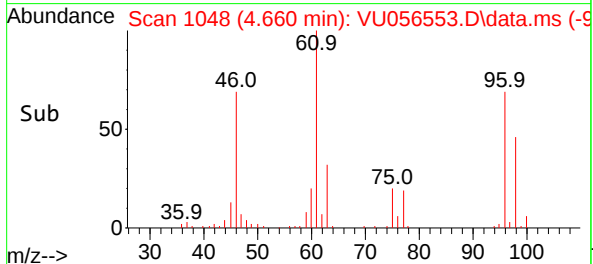
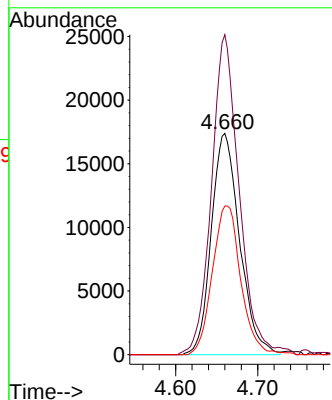
#22
 cis-1,2-Dichloroethene
 Concen: 2.318 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056553.D
 Acq: 21 Nov 2023 15:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 41677

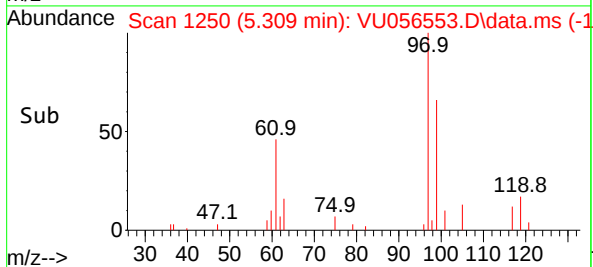
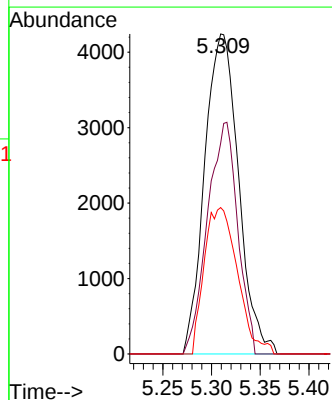
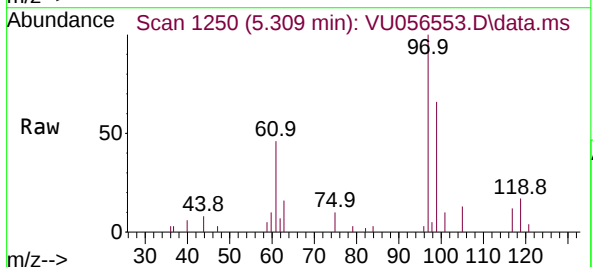
Ion	Ratio	Lower	Upper
96	100		
61	144.6	93.2	173.2
98	67.2	44.8	83.2

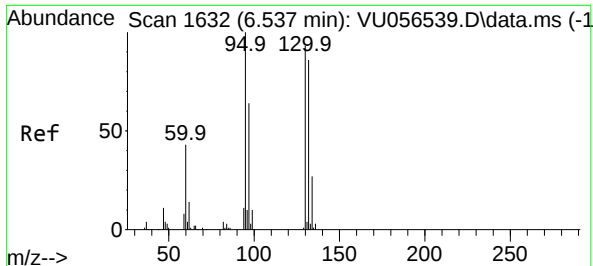


#29
 1,1,1-Trichloroethane
 Concen: 0.370 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: VU056553.D
 Acq: 21 Nov 2023 15:57

Tgt Ion: 97 Resp: 10277

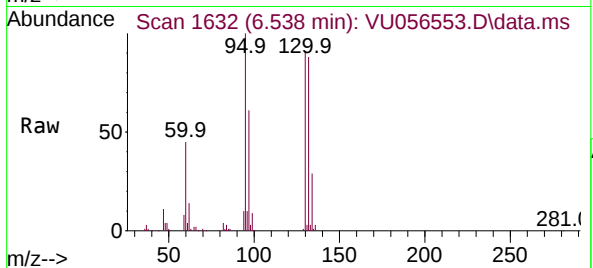
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	45.0	34.3	51.5



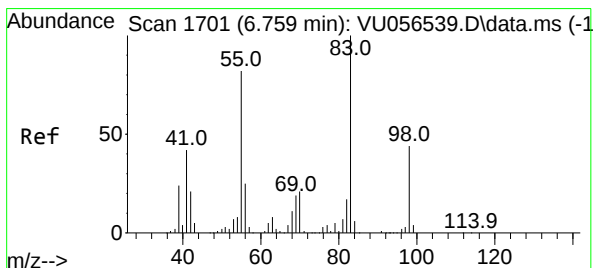
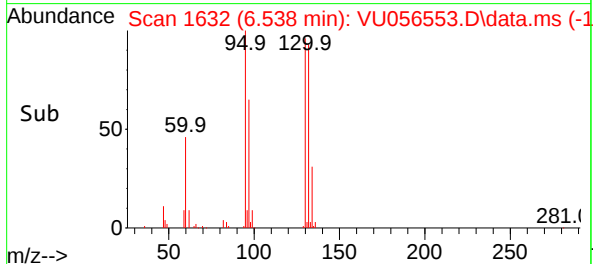
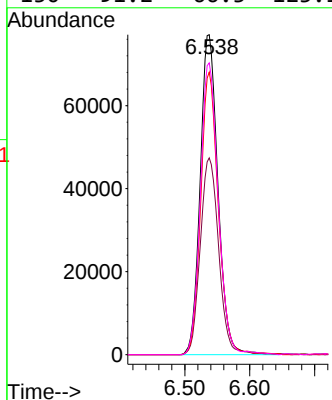


#34
Trichloroethene
Concen: 7.834 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056553.D
Acq: 21 Nov 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :

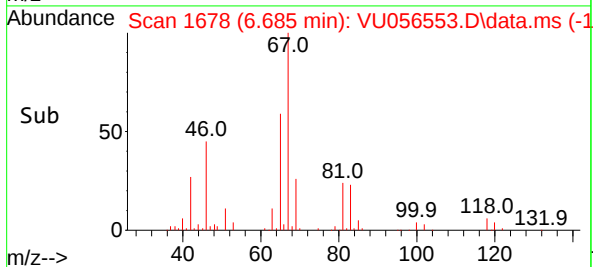
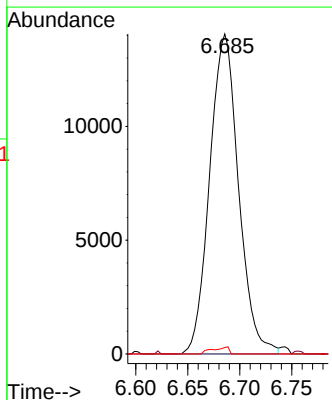
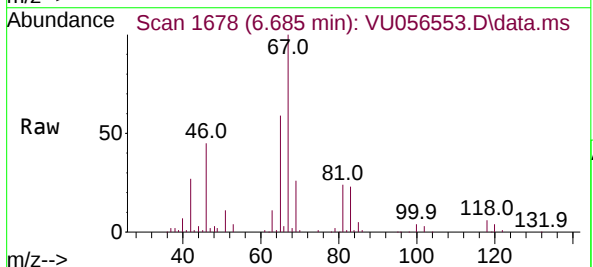


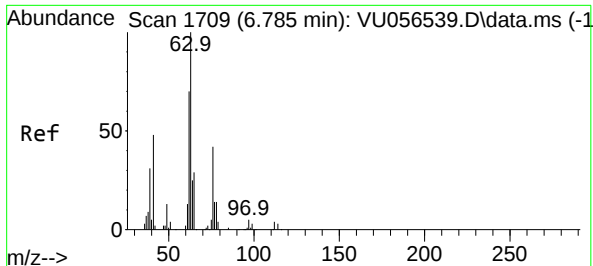
Tgt Ion: 95 Resp: 147257
Ion Ratio Lower Upper
95 100
97 61.5 46.5 86.3
132 88.3 62.0 115.2
130 91.2 66.3 123.1



#35
Methylcyclohexane
Concen: 1.003 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056553.D
Acq: 21 Nov 2023 15:57

Tgt Ion: 83 Resp: 27226
Ion Ratio Lower Upper
83 100
55 0.1 62.9 94.3#
98 1.2 35.3 52.9#

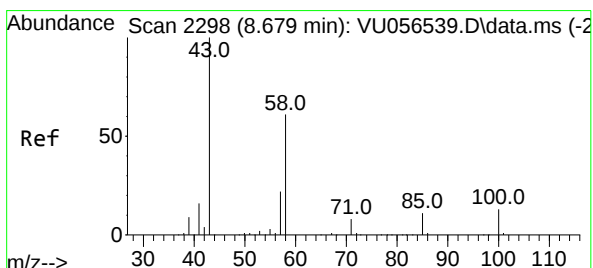
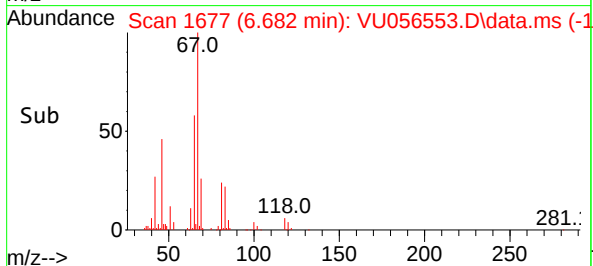
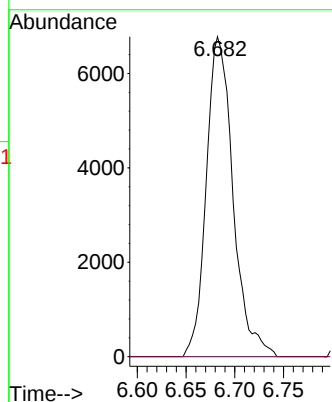
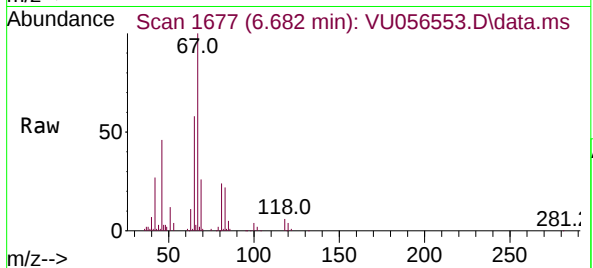




#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056553.D
Acq: 21 Nov 2023 15:57

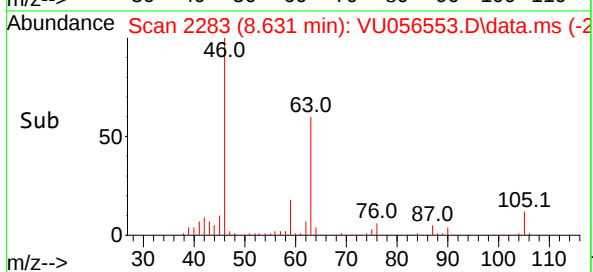
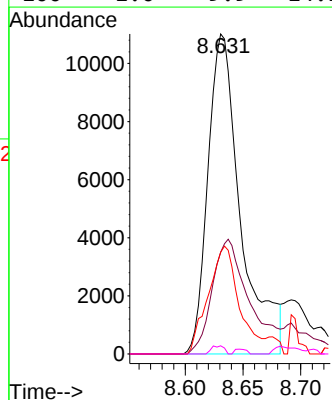
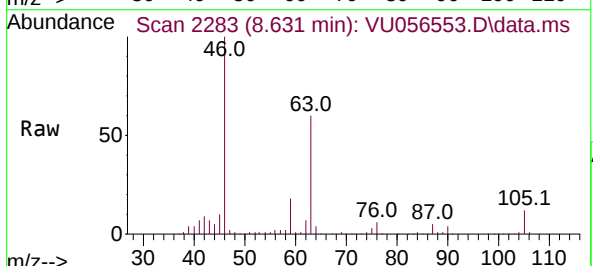
Instrument :
MSVOA_U
ClientSampleId :

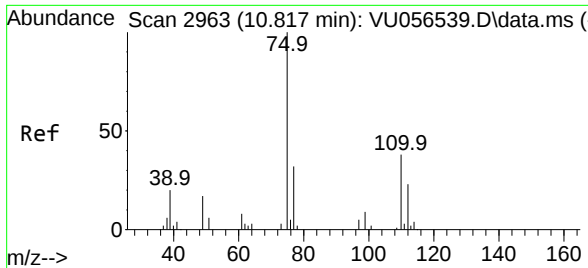
Tgt Ion: 63 Resp: 12940
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 3.122 ug/L
RT: 8.631 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU056553.D
Acq: 21 Nov 2023 15:57

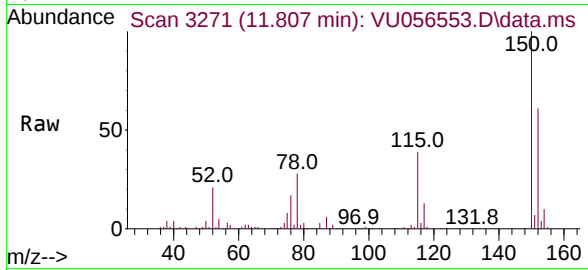
Tgt Ion: 43 Resp: 21694
Ion Ratio Lower Upper
43 100
58 40.6 48.7 73.1#
57 31.6 16.8 25.2#
100 1.0 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.482 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056553.D
 Acq: 21 Nov 2023 15:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13185
 Ion Ratio Lower Upper
 75 100
 110 2.6 30.4 45.6#
 77 30.7 27.0 40.6

