

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055003.D
 Acq On : 30 Aug 2023 16:53
 Operator : MD/SY
 Sample : 04153-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:38:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

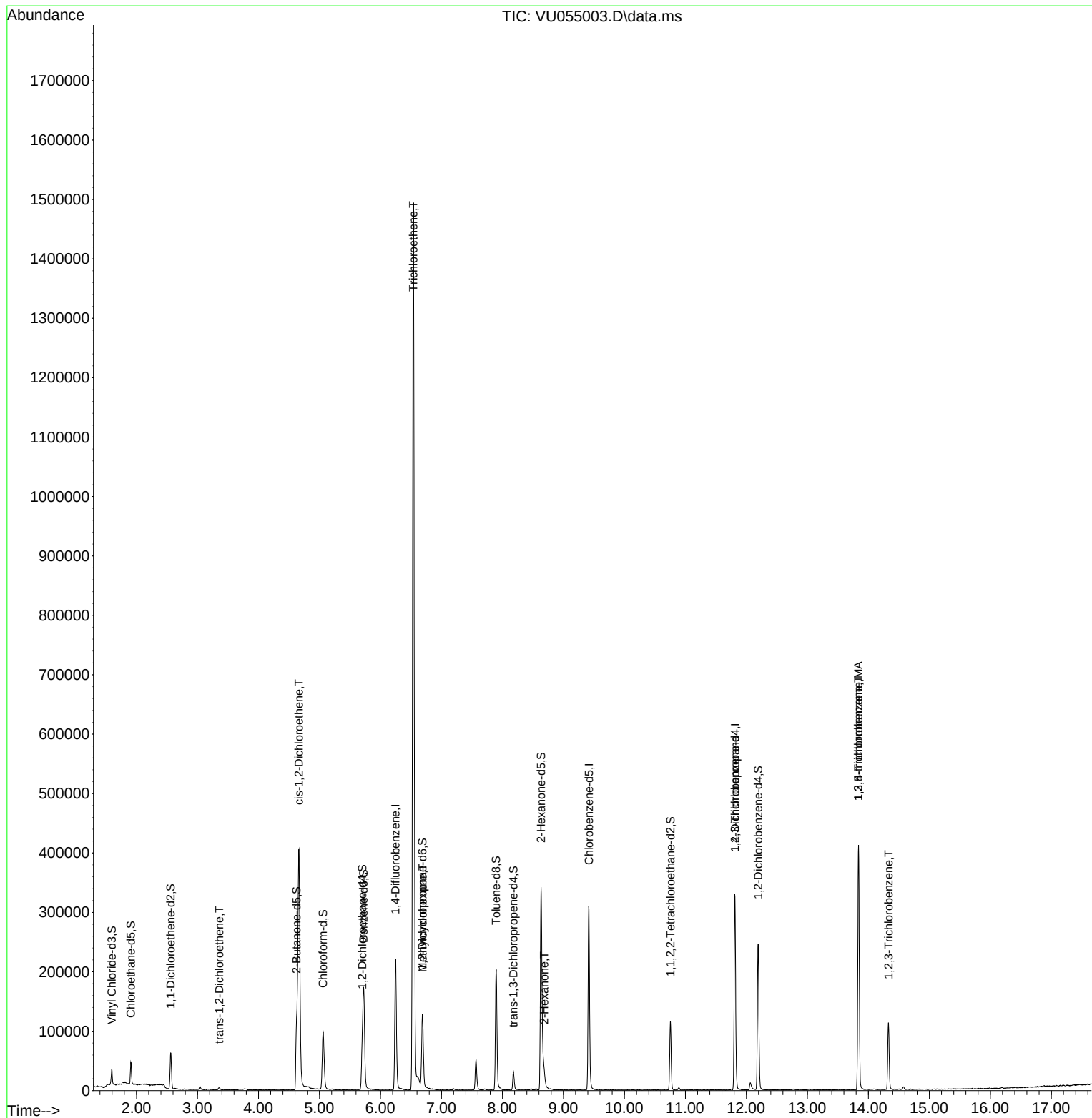
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173747	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	169394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	83875	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17944	3.272	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.907	69	25606	3.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.560	65	11289	3.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.624	46	169355	57.213	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.420%
24) Chloroform-d	5.058	84	88936	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.701	65	50209	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.724	84	155708	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.689	67	58157	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.898	98	138575	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.180	79	17617	3.997	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.634	63	114340	54.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.320%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55996	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	63382	4.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.358	96	1586	0.185	ug/L	72
22) cis-1,2-Dichloroethene	4.663	96	196725	19.246	ug/L	94
34) Trichloroethene	6.541	95	502381	45.363	ug/L	98
35) Methylcyclohexane	6.692	83	13540	0.826	ug/L #	18
48) 2-Hexanone	8.685	43	14273	3.103	ug/L #	89
61) 1,2,3-Trichloropropane	11.814	75	12345	1.977	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.839	180	116555	8.345	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	116555	10.655	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	33167	3.659	ug/L	98

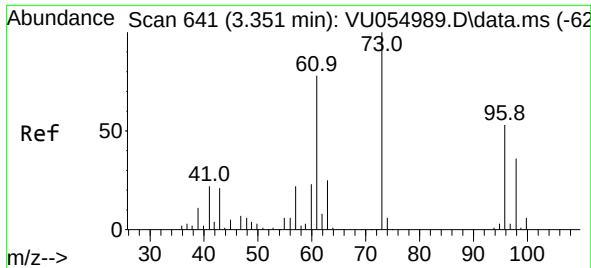
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
Data File : VU055003.D
Acq On : 30 Aug 2023 16:53
Operator : MD/SY
Sample : 04153-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

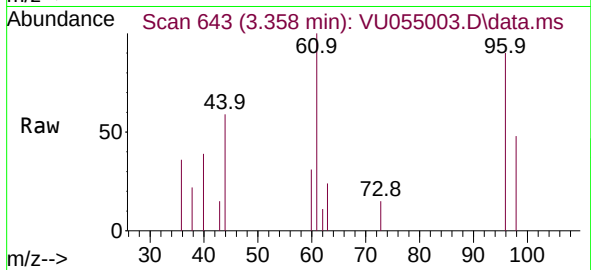
Quant Time: Aug 31 02:38:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 31 02:34:15 2023
Response via : Initial Calibration



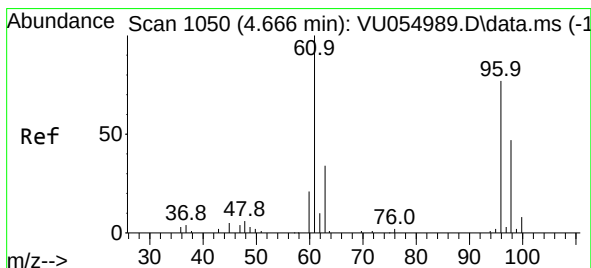
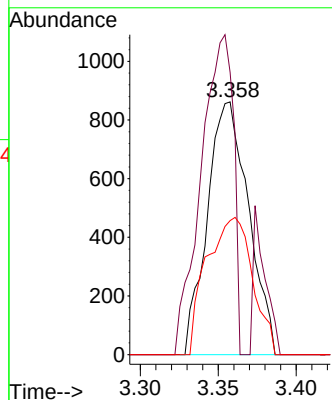
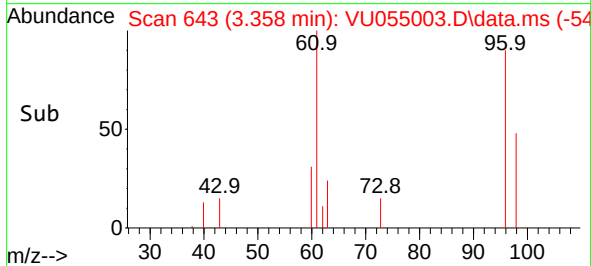


#18
trans-1,2-Dichloroethene
Concen: 0.185 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU055003.D
Acq: 30 Aug 2023 16:53

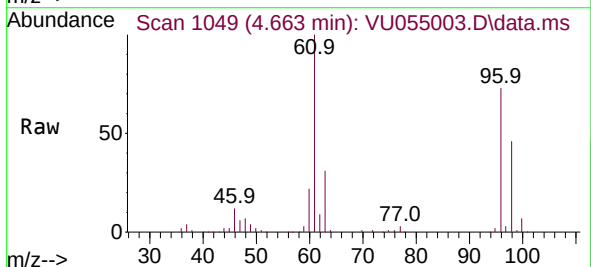
Instrument :
MSVOA_U
ClientSampleId :



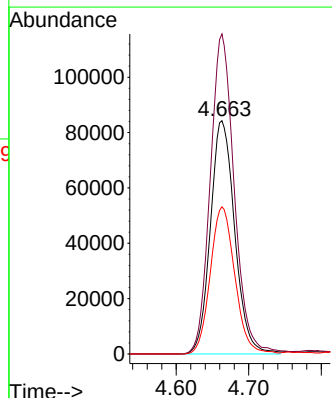
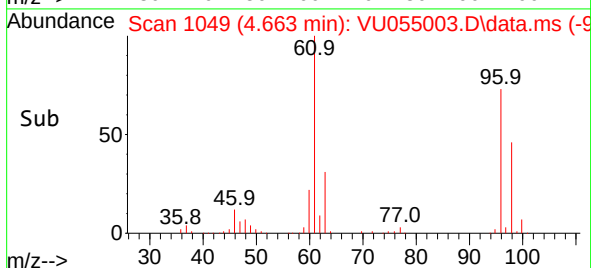
Tgt Ion: 96 Resp: 1586
Ion Ratio Lower Upper
96 100
61 111.6 108.8 202.0
98 53.0 45.8 85.2

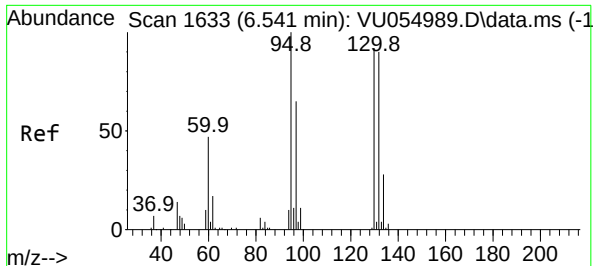


#22
cis-1,2-Dichloroethene
Concen: 19.246 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU055003.D
Acq: 30 Aug 2023 16:53



Tgt Ion: 96 Resp: 196725
Ion Ratio Lower Upper
96 100
61 137.1 88.4 164.2
98 63.1 44.0 81.6





#34

Trichloroethene

Concen: 45.363 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

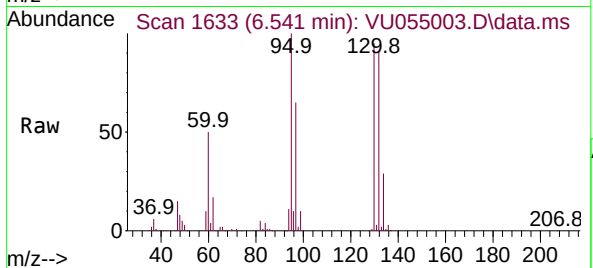
Lab File: VU055003.D

Acq: 30 Aug 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 502381

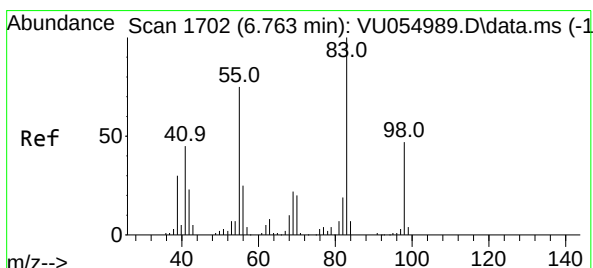
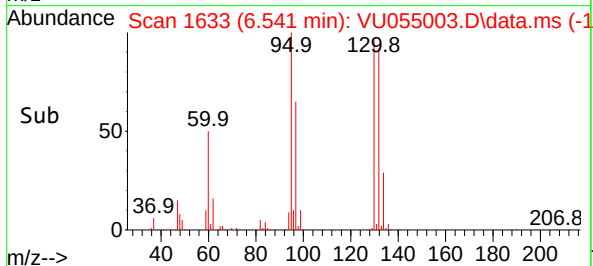
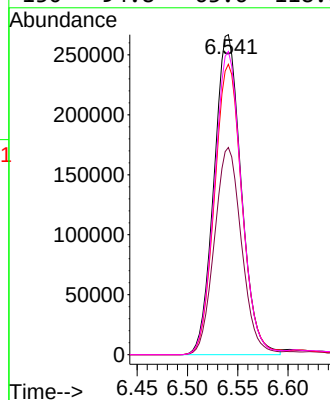
Ion Ratio Lower Upper

95 100

97 64.7 44.1 81.9

132 90.7 63.6 118.2

130 94.8 63.6 118.0



#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.071 min

Lab File: VU055003.D

Acq: 30 Aug 2023 16:53

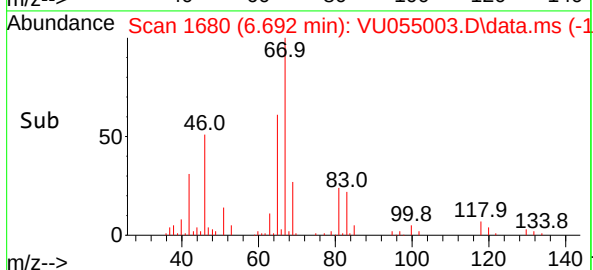
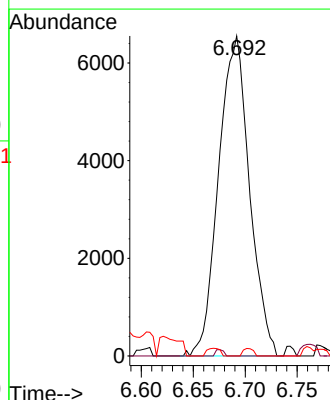
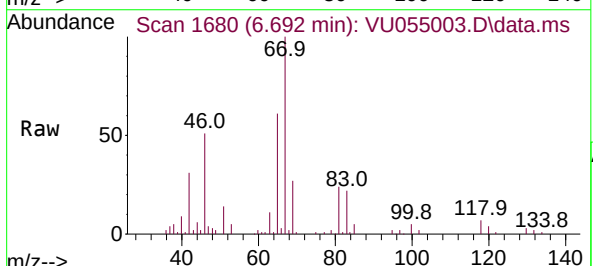
Tgt Ion: 83 Resp: 13540

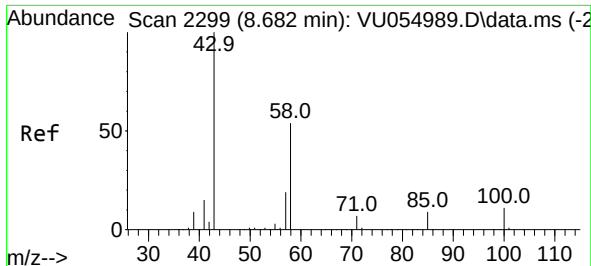
Ion Ratio Lower Upper

83 100

55 0.5 62.1 93.1#

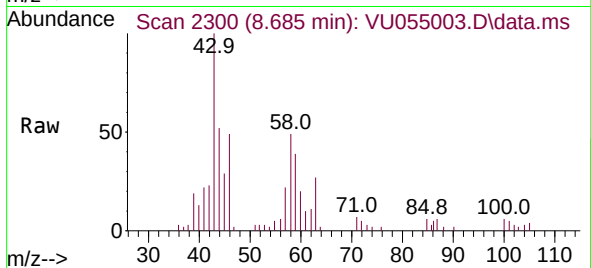
98 0.0 37.8 56.6#



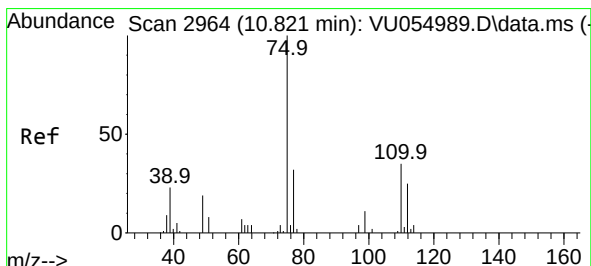
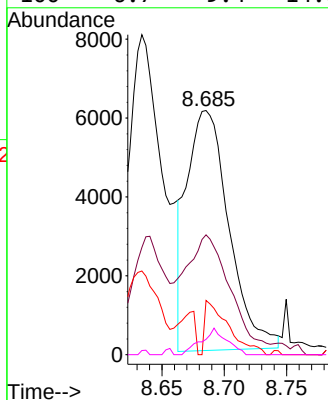
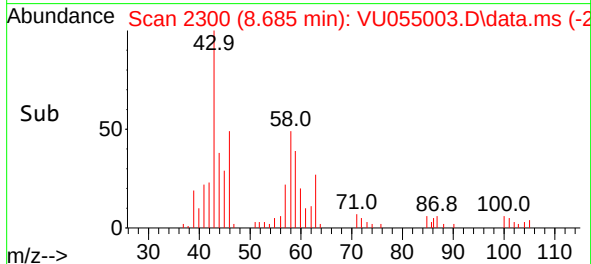


#48
2-Hexanone
Concen: 3.103 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055003.D
Acq: 30 Aug 2023 16:53

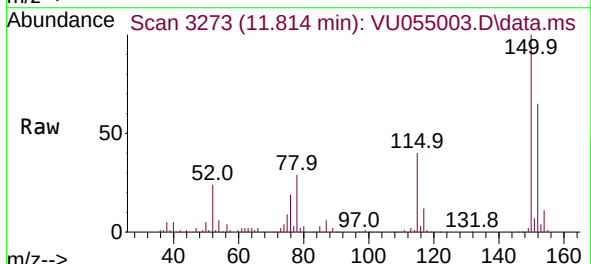
Instrument :
MSVOA_U
ClientSampleId :



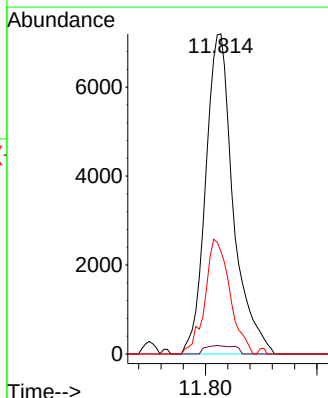
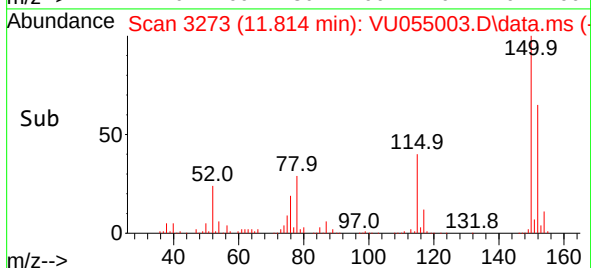
Tgt Ion: 43 Resp: 14273
Ion Ratio Lower Upper
43 100
58 48.0 44.0 66.0
57 12.8 15.9 23.9#
100 6.7 9.4 14.0#

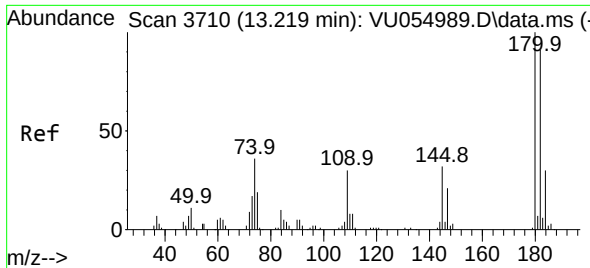


#61
1,2,3-Trichloropropane
Concen: 1.977 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.993 min
Lab File: VU055003.D
Acq: 30 Aug 2023 16:53



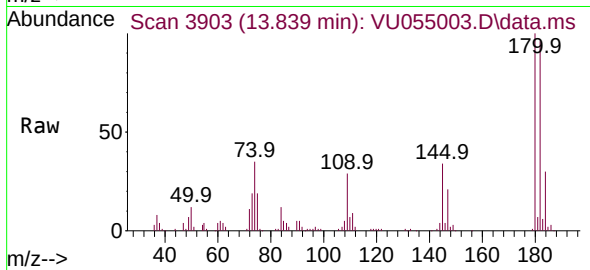
Tgt Ion: 75 Resp: 12345
Ion Ratio Lower Upper
75 100
110 2.8 29.0 43.6#
77 32.2 26.5 39.7





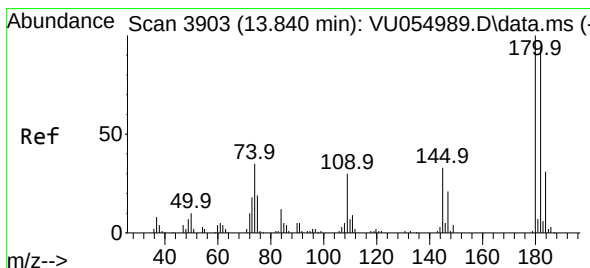
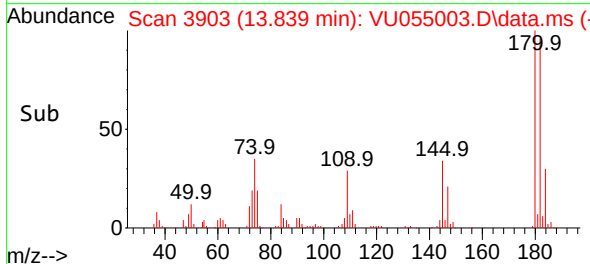
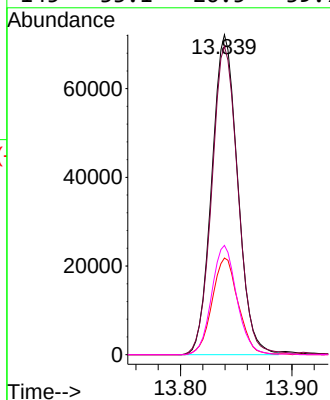
#69
 1,3,5-Trichlorobenzene
 Concen: 8.345 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.620 min
 Lab File: VU055003.D
 Acq: 30 Aug 2023 16:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 116555

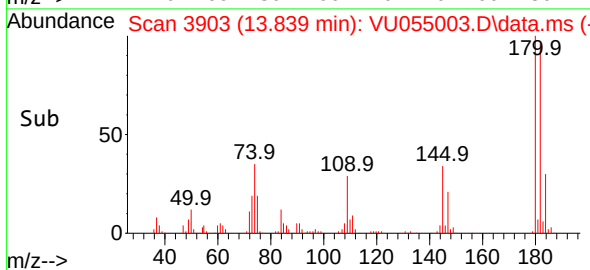
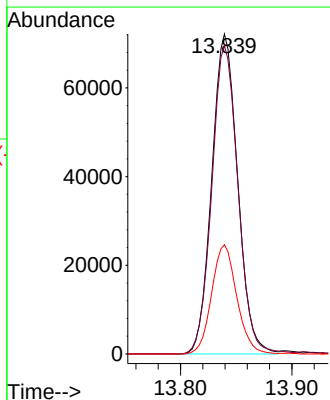
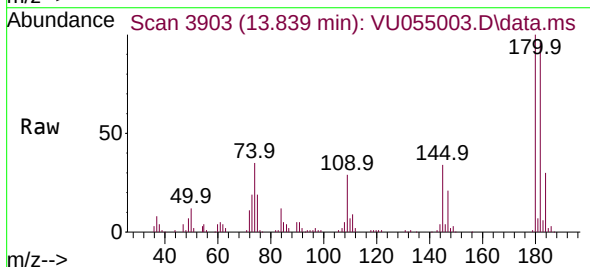
Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.6	114.8
184	30.5	23.6	35.4
145	33.1	26.5	39.7

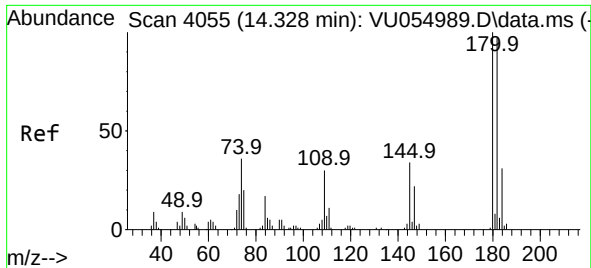


#70
 1,2,4-trichlorobenzene
 Concen: 10.655 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. -0.000 min
 Lab File: VU055003.D
 Acq: 30 Aug 2023 16:53

Tgt Ion:180 Resp: 116555

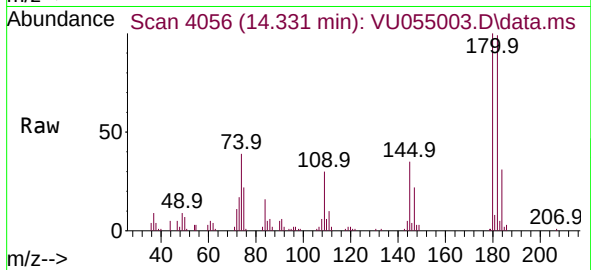
Ion	Ratio	Lower	Upper
180	100		
182	97.4	74.9	112.3
145	33.1	25.8	38.8





#72
 1,2,3-Trichlorobenzene
 Concen: 3.659 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.003 min
 Lab File: VU055003.D
 Acq: 30 Aug 2023 16:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	33167
Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.7	116.5
145	35.3	28.1	42.1

