

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055201.D
 Acq On : 07 Sep 2023 20:14
 Operator : MD/SY
 Sample : 04307-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:11:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

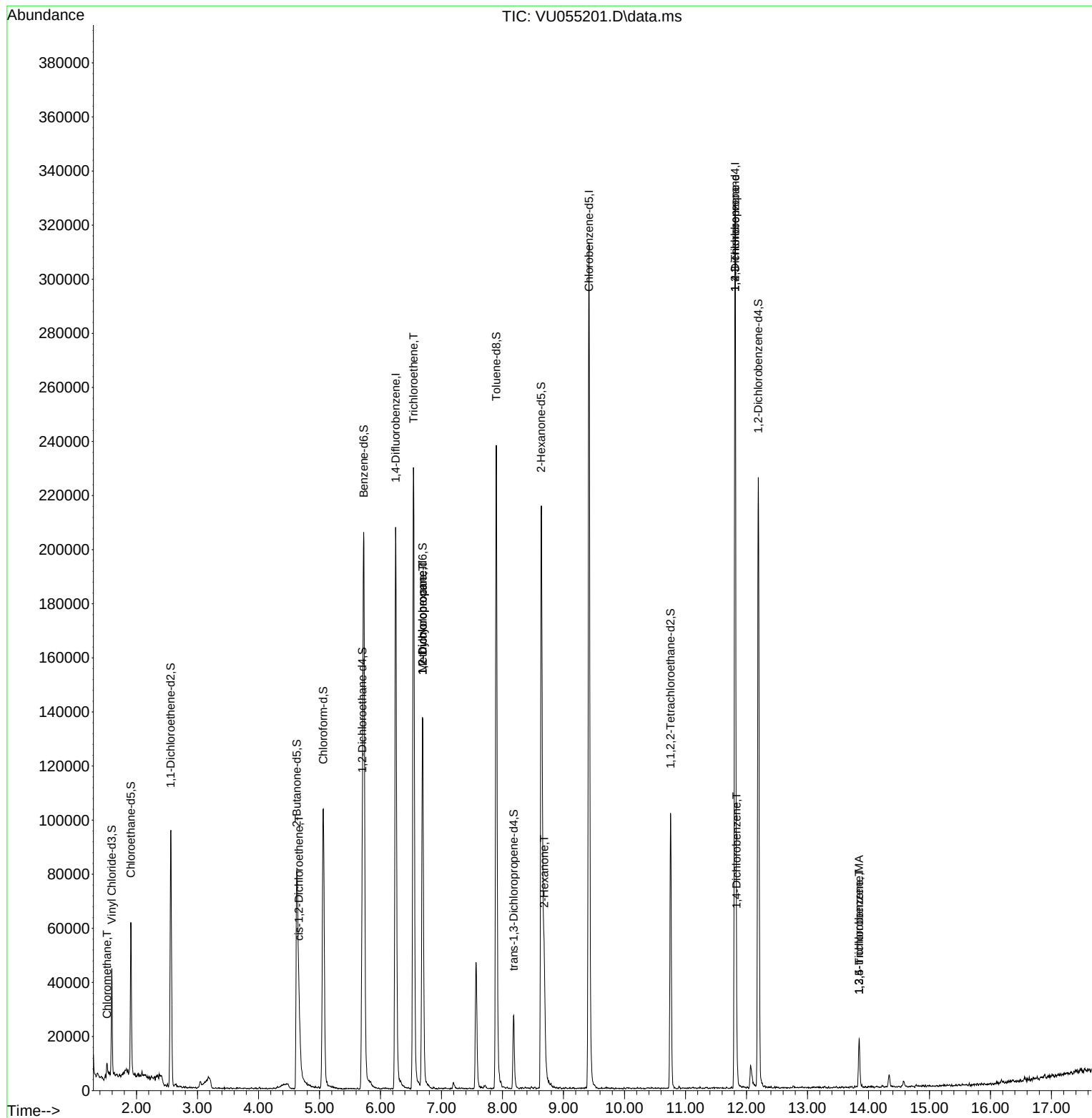
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	161146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	167887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27118	3.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.907	69	37653	4.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	18471	4.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.627	46	133515	60.918	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.840%
24) Chloroform-d	5.061	84	98590	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.701	65	51335	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.727	84	185973	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.692	67	64679	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.897	98	160853	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.184	79	16370	4.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.634	63	66351	45.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50378	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	58725	4.915	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	4402	0.462	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	5690	0.615	ug/L	88
34) Trichloroethene	6.541	95	77614	7.816	ug/L	99
35) Methylcyclohexane	6.688	83	15048	1.080	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	7189	0.739	ug/L #	88
48) 2-Hexanone	8.685	43	25745	5.923	ug/L #	89
61) 1,2,3-Trichloropropane	11.814	75	13082	2.408	ug/L #	68
65) 1,4-Dichlorobenzene	11.836	146	2945	0.161	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.846	180	5758	0.416	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	5758	0.443	ug/L	99

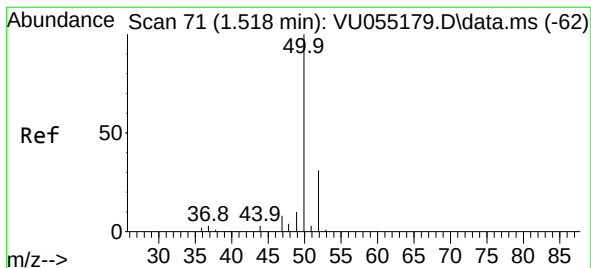
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.462 ug/L

RT: 1.515 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU055201.D

Acq: 07 Sep 2023 20:14

Instrument :

MSVOA_U

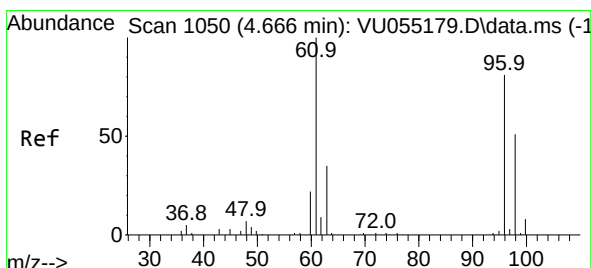
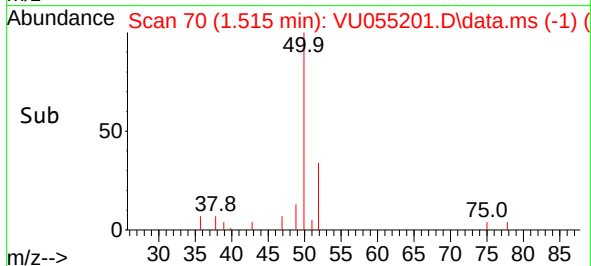
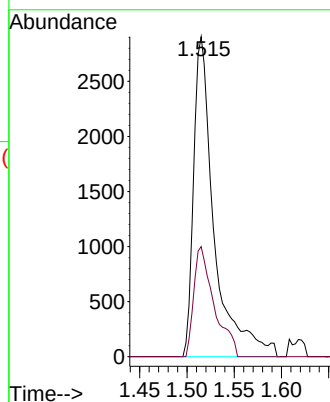
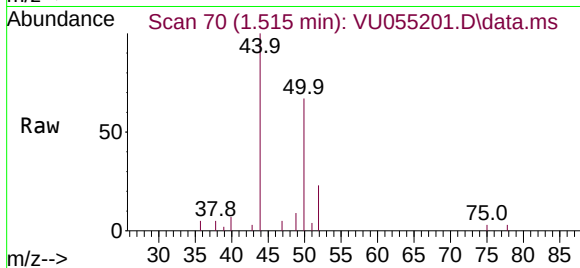
ClientSampleId :

Tgt Ion: 50 Resp: 4402

Ion Ratio Lower Upper

50 100

52 34.4 22.5 41.7



#22

cis-1,2-Dichloroethene

Concen: 0.615 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU055201.D

Acq: 07 Sep 2023 20:14

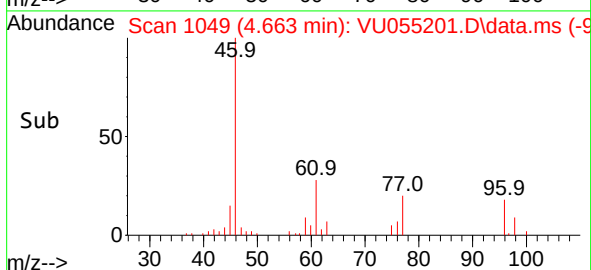
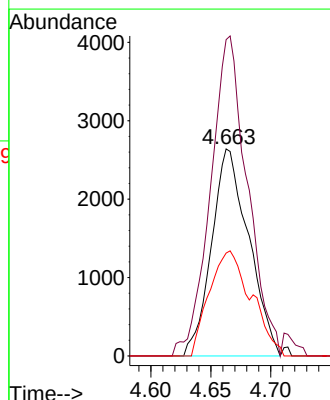
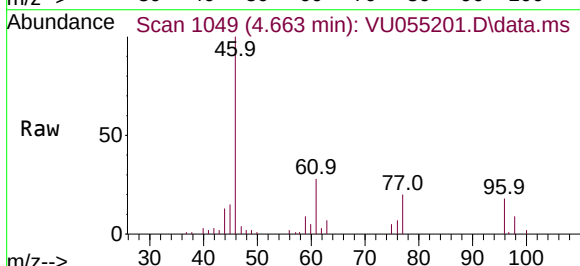
Tgt Ion: 96 Resp: 5690

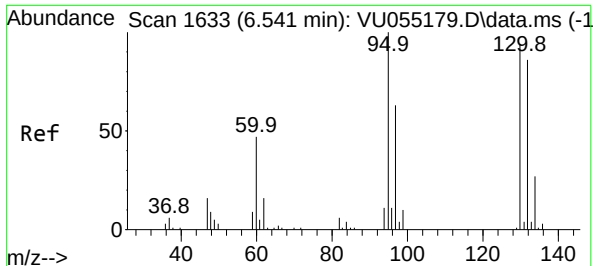
Ion Ratio Lower Upper

96 100

61 146.9 97.2 180.4

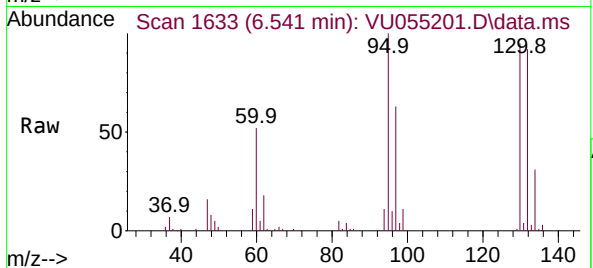
98 47.8 46.1 85.7





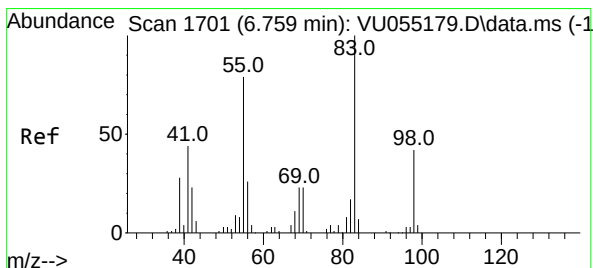
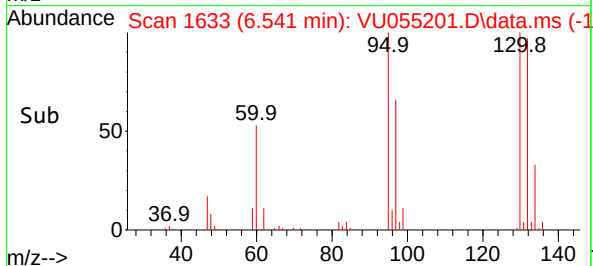
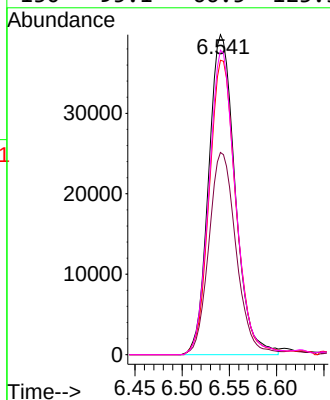
#34
Trichloroethene
Concen: 7.816 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 77614

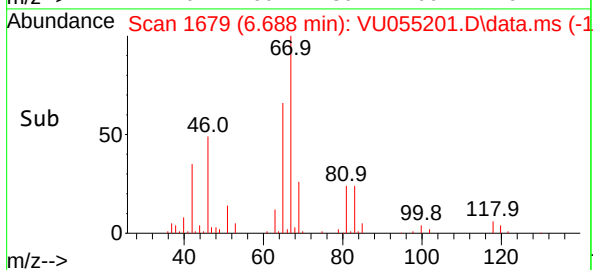
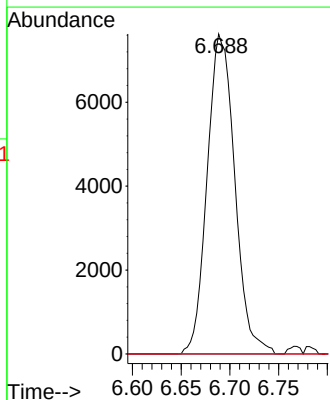
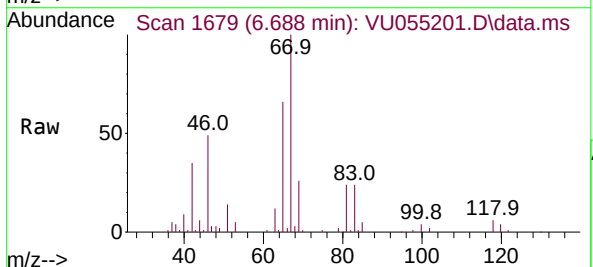
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.7	83.1
132	92.0	66.6	123.6
130	95.1	66.5	123.5

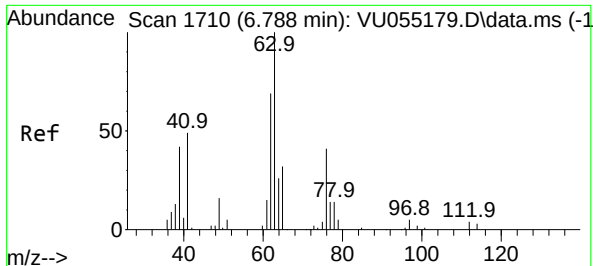


#35
Methylcyclohexane
Concen: 1.080 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

Tgt Ion: 83 Resp: 15048

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.0	35.3	52.9#

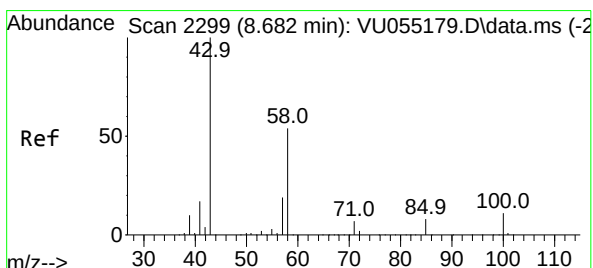
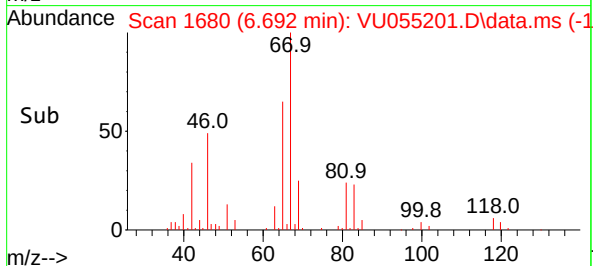
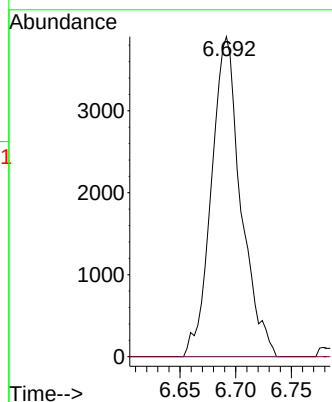
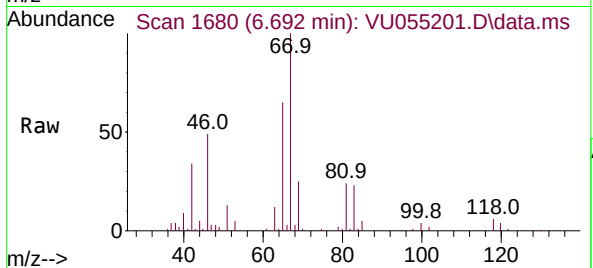




#37
1,2-Dichloropropane
Concen: 0.739 ug/L
RT: 6.692 min Scan# 11
Delta R.T. -0.097 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

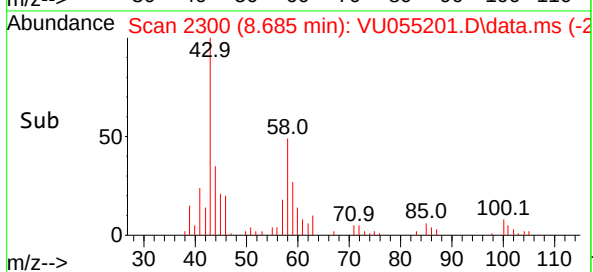
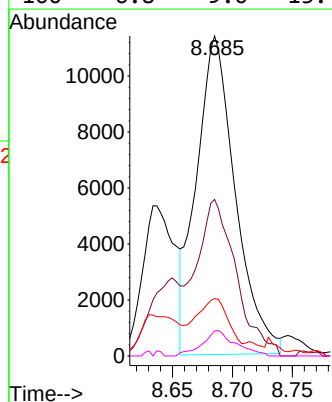
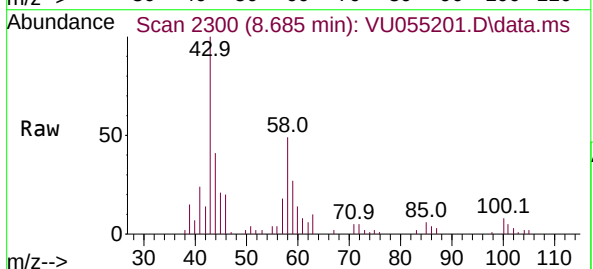
Instrument :
MSVOA_U
ClientSampleId :

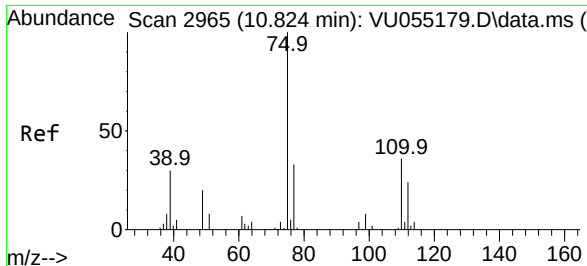
Tgt Ion: 63 Resp: 7189
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 5.923 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

Tgt Ion: 43 Resp: 25745
Ion Ratio Lower Upper
43 100
58 49.2 44.0 66.0
57 12.0 16.2 24.2#
100 6.8 9.0 13.4#

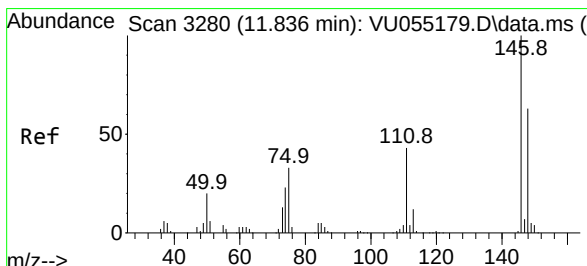
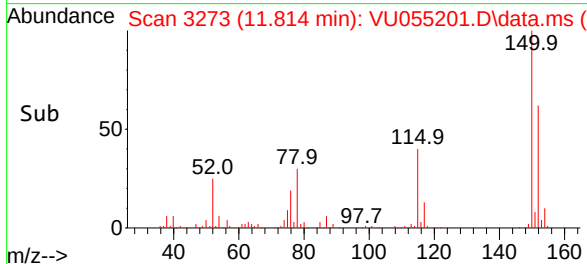
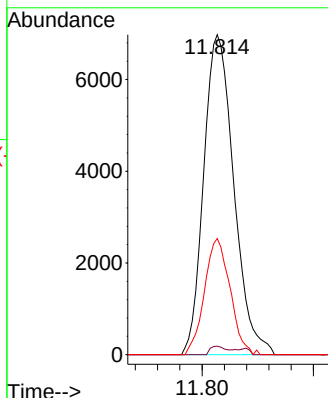
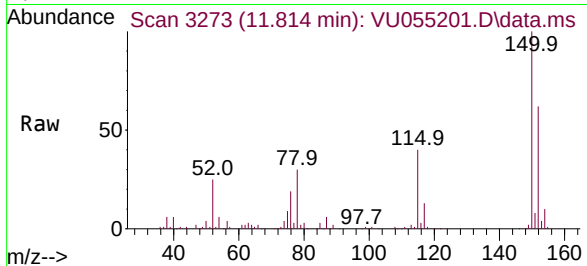




#61
1,2,3-Trichloropropane
Concen: 2.408 ug/L
RT: 11.814 min Scan# 311
Delta R.T. 0.990 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

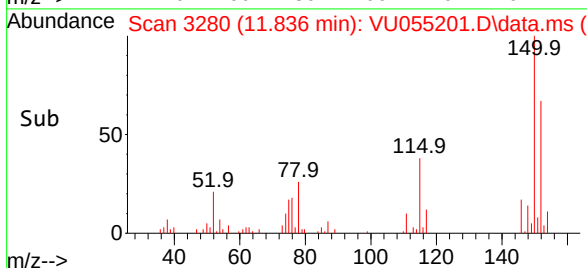
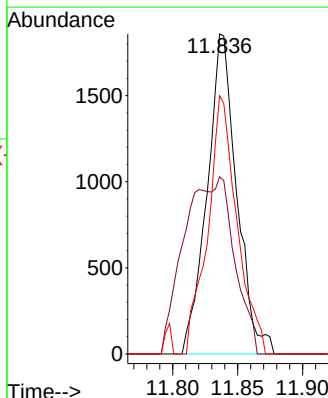
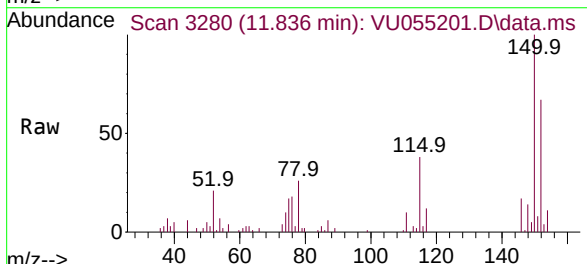
Instrument :
MSVOA_U
ClientSampleId :

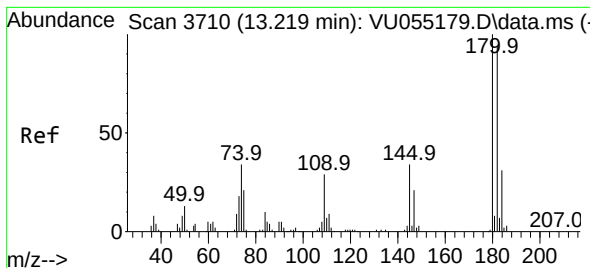
Tgt Ion: 75 Resp: 13082
Ion Ratio Lower Upper
75 100
110 1.5 28.2 42.2#
77 30.9 26.2 39.4



#65
1,4-Dichlorobenzene
Concen: 0.161 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

Tgt Ion: 146 Resp: 2945
Ion Ratio Lower Upper
146 100
111 55.3 28.1 52.1#
148 80.7 43.8 81.3





#69

1,3,5-Trichlorobenzene

Concen: 0.416 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.627 min

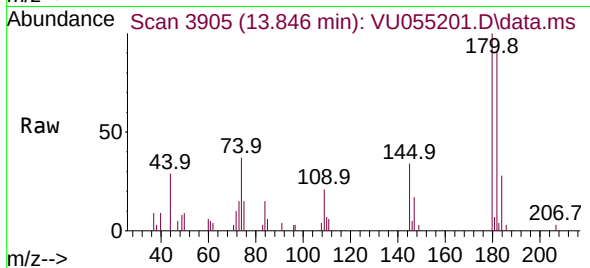
Lab File: VU055201.D

Acq: 07 Sep 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 5758

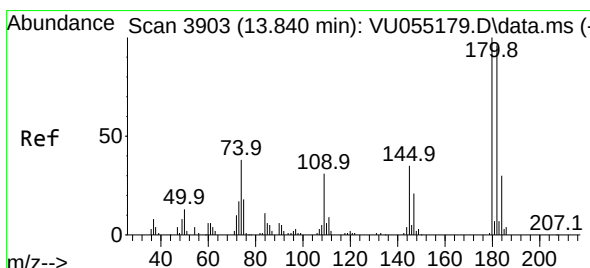
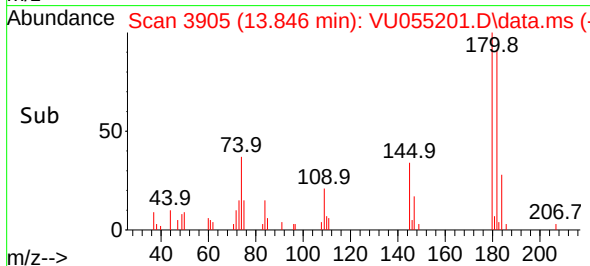
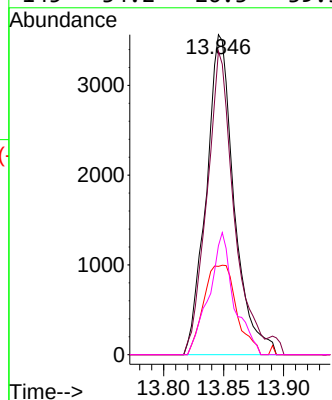
Ion Ratio Lower Upper

180 100

182 92.4 75.8 113.6

184 32.8 24.0 36.0

145 34.2 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 0.443 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.006 min

Lab File: VU055201.D

Acq: 07 Sep 2023 20:14

Tgt Ion:180 Resp: 5758

Ion Ratio Lower Upper

180 100

182 92.4 73.6 110.4

145 34.2 25.8 38.8

