

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055186.D
 Acq On : 07 Sep 2023 14:14
 Operator : MD/SY
 Sample : 04286-17DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:07:18 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)

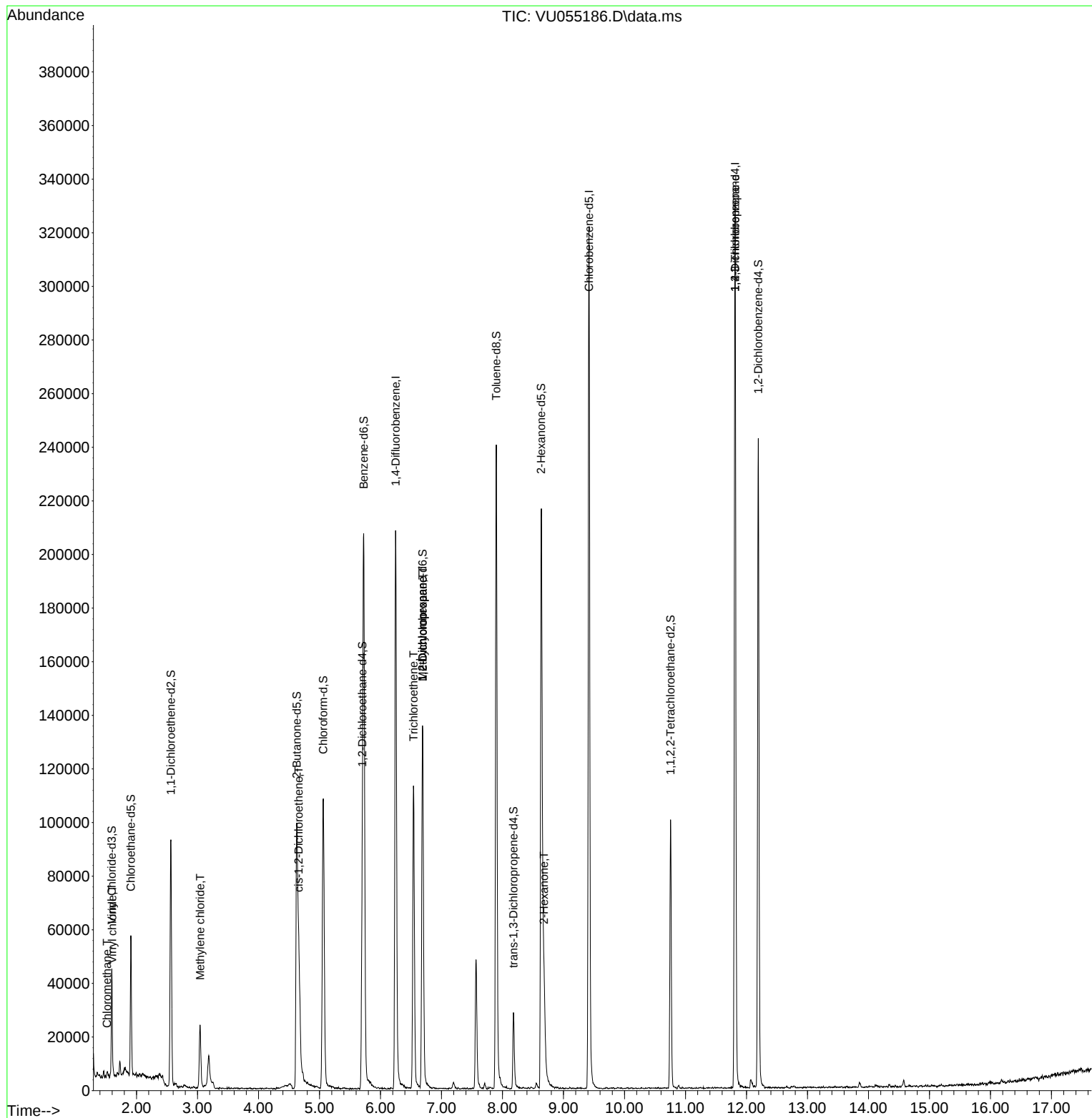
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	84809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27497	3.504	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.907	69	36168	3.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.563	65	17559	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.628	46	126051	55.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.720%
24) Chloroform-d	5.062	84	102411	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.701	65	52120	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	187361	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.689	67	65092	4.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.898	98	162321	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.180	79	15839	4.263	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.634	63	68291	45.271	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.540%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49830	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	59052	4.770	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1309	0.132	ug/L	98
5) Vinyl chloride	1.602	62	1293	0.124	ug/L #	49
16) Methylene chloride	3.042	84	10705	0.905	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	13147	1.368	ug/L	94
34) Trichloroethene	6.541	95	38366	3.774	ug/L	94
35) Methylcyclohexane	6.689	83	14714	1.032	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	7097	0.713	ug/L #	88
48) 2-Hexanone	8.682	43	21157	4.755	ug/L #	83
61) 1,2,3-Trichloropropane	11.814	75	12085	2.147	ug/L #	68

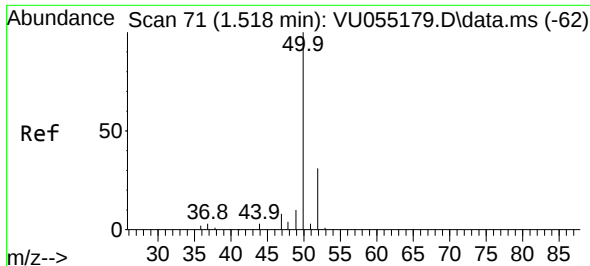
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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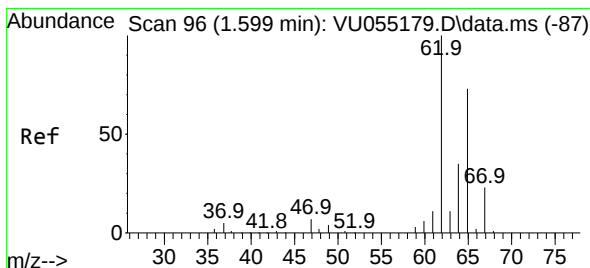
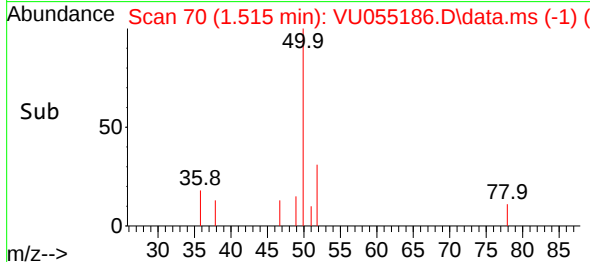
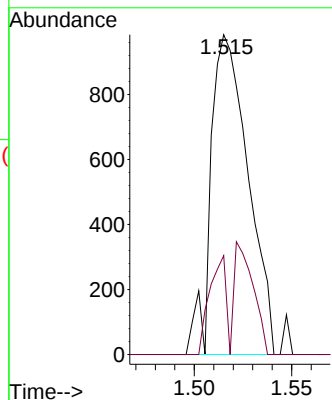
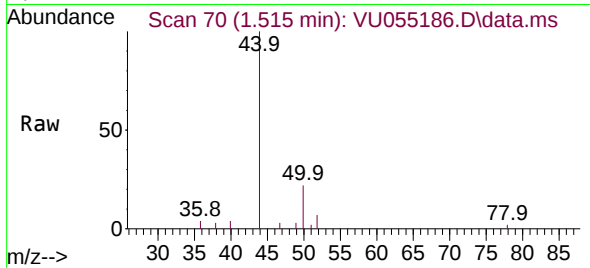




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU055186.D
Acq: 07 Sep 2023 14:14

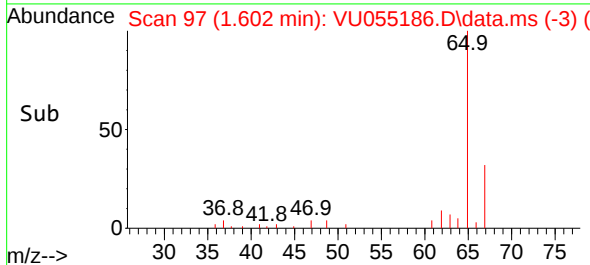
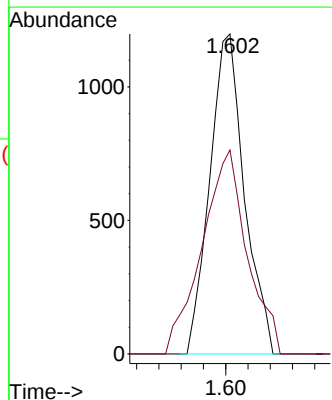
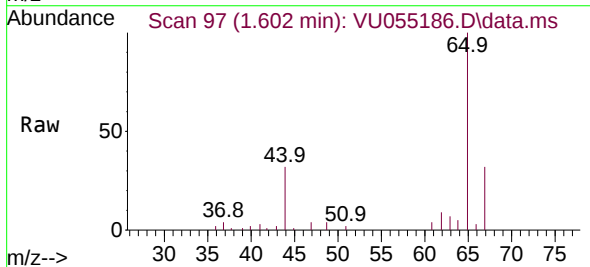
Instrument :
MSVOA_U
ClientSampleId :

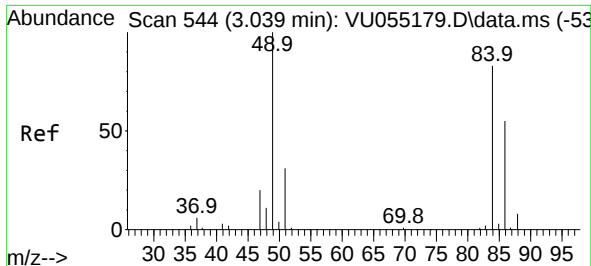
Tgt Ion: 50 Resp: 1309
Ion Ratio Lower Upper
50 100
52 30.9 22.5 41.7



#5
Vinyl chloride
Concen: 0.124 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU055186.D
Acq: 07 Sep 2023 14:14

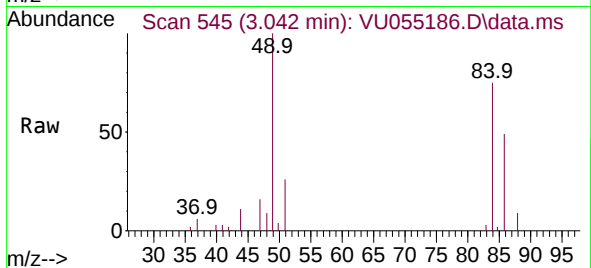
Tgt Ion: 62 Resp: 1293
Ion Ratio Lower Upper
62 100
64 63.8 24.2 45.0#



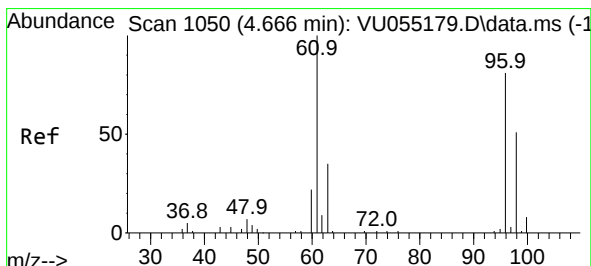
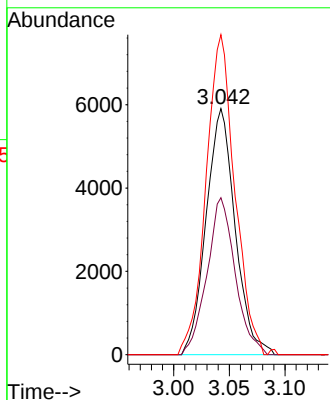
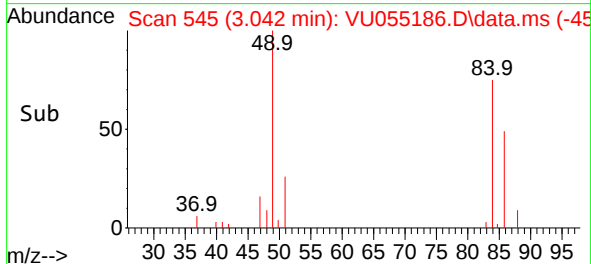


#16
Methylene chloride
Concen: 0.905 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055186.D
Acq: 07 Sep 2023 14:14

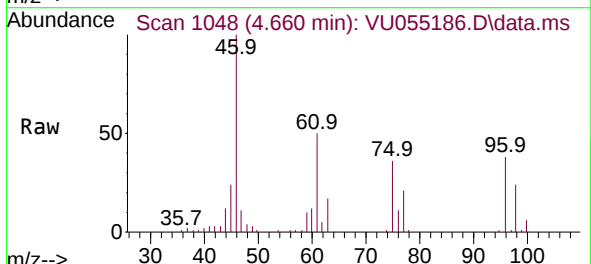
Instrument :
MSVOA_U
ClientSampleId :



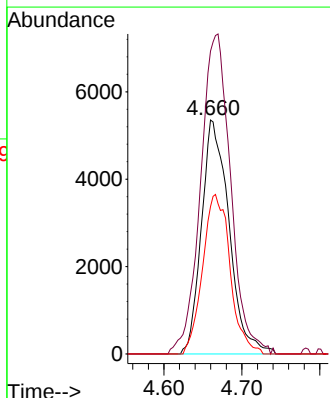
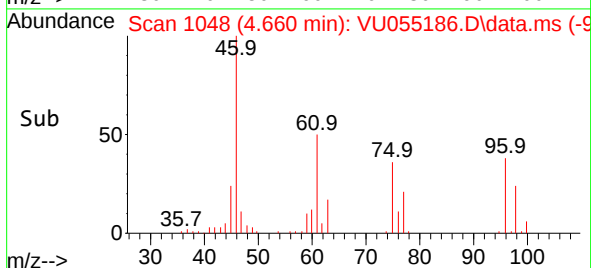
Tgt Ion: 84 Resp: 10705
Ion Ratio Lower Upper
84 100
86 63.8 43.4 80.6
49 135.6 87.7 162.9

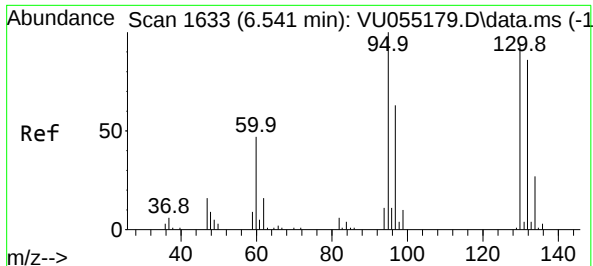


#22
cis-1,2-Dichloroethene
Concen: 1.368 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.007 min
Lab File: VU055186.D
Acq: 07 Sep 2023 14:14



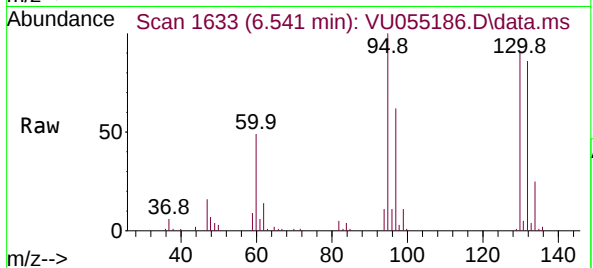
Tgt Ion: 96 Resp: 13147
Ion Ratio Lower Upper
96 100
61 129.5 97.2 180.4
98 63.0 46.1 85.7



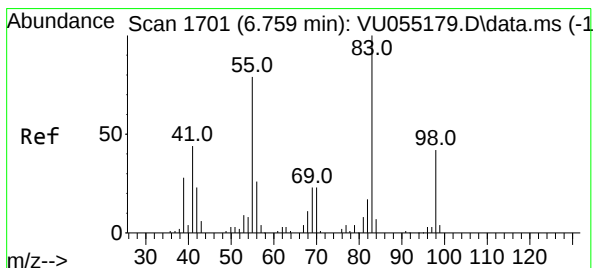
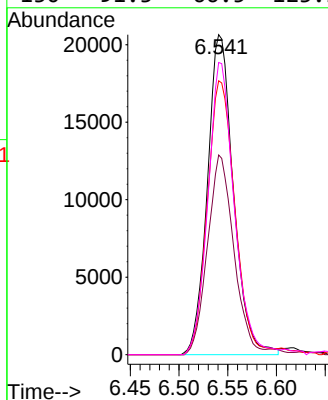
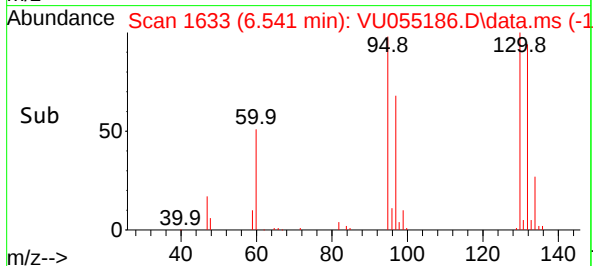


#34
Trichloroethene
Concen: 3.774 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055186.D
Acq: 07 Sep 2023 14:14

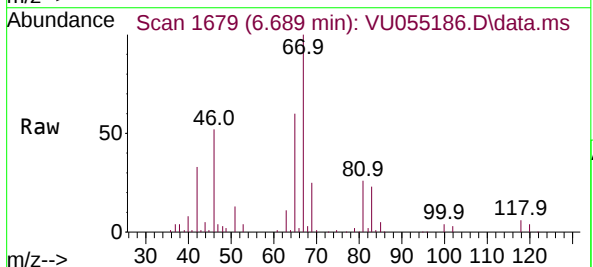
Instrument :
MSVOA_U
ClientSampleId :



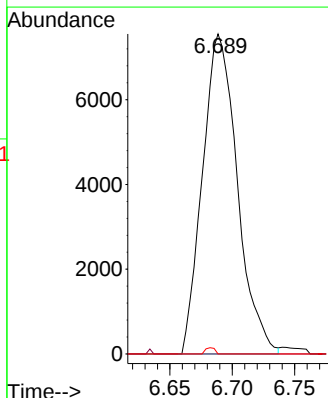
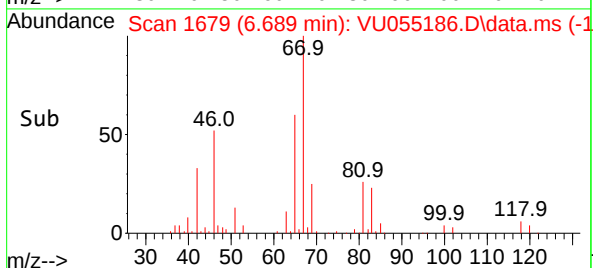
Tgt Ion: 95 Resp: 38366
Ion Ratio Lower Upper
95 100
97 62.4 44.7 83.1
132 85.6 66.6 123.6
130 91.3 66.5 123.5

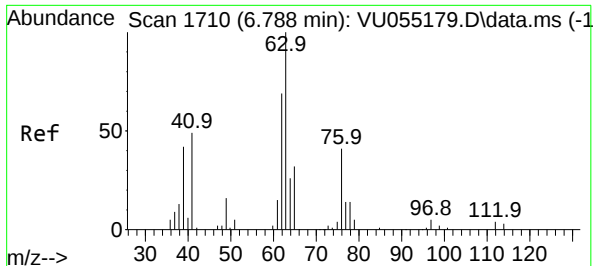


#35
Methylcyclohexane
Concen: 1.032 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055186.D
Acq: 07 Sep 2023 14:14



Tgt Ion: 83 Resp: 14714
Ion Ratio Lower Upper
83 100
55 0.2 60.4 90.6#
98 0.5 35.3 52.9#

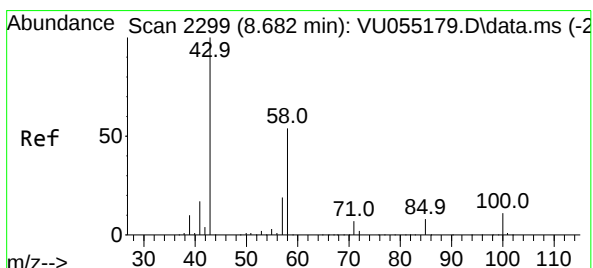
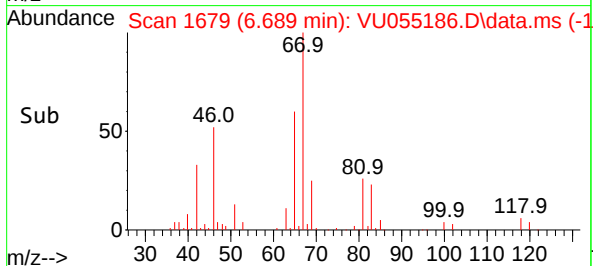
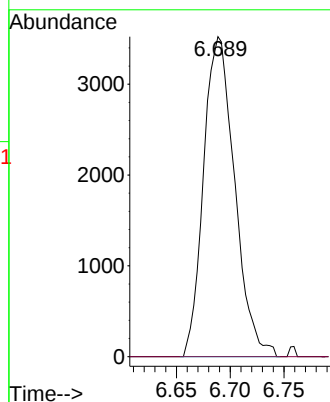
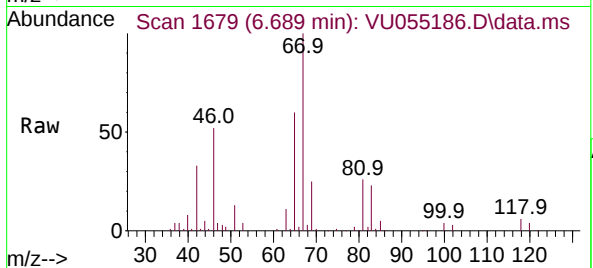




#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055186.D
Acq: 07 Sep 2023 14:14

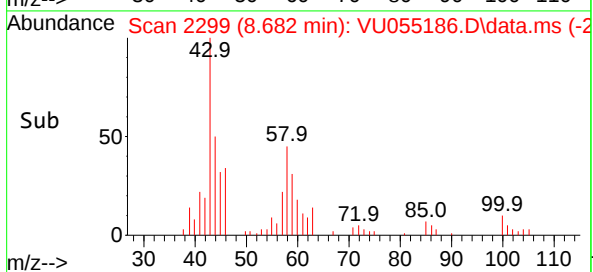
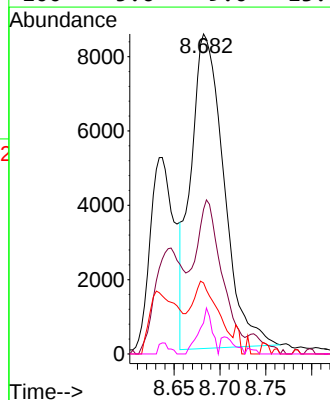
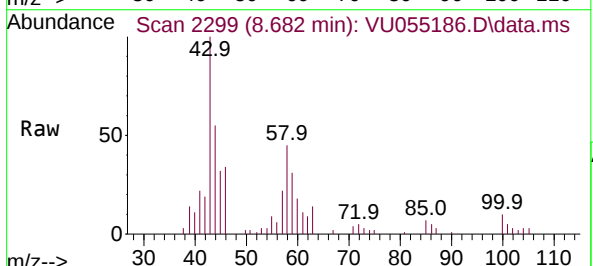
Instrument :
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ClientSampleId :

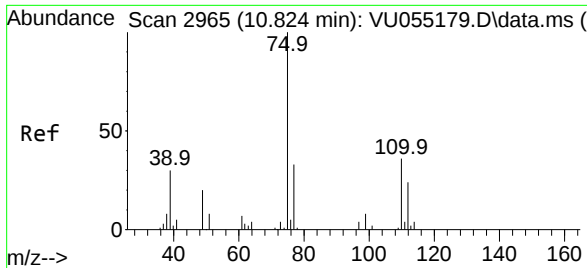
Tgt Ion: 63 Resp: 7097
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 4.755 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055186.D
Acq: 07 Sep 2023 14:14

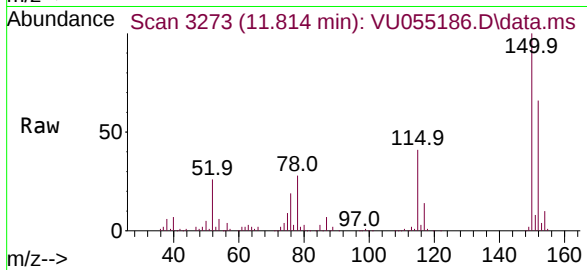
Tgt Ion: 43 Resp: 21157
Ion Ratio Lower Upper
43 100
58 39.1 44.0 66.0#
57 18.4 16.2 24.2
100 5.6 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.147 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055186.D
 Acq: 07 Sep 2023 14:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12085
 Ion Ratio Lower Upper
 75 100
 110 3.1 28.2 42.2#
 77 36.9 26.2 39.4

