

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055096.D
 Acq On : 05 Sep 2023 16:00
 Operator : MD/SY
 Sample : 04250-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

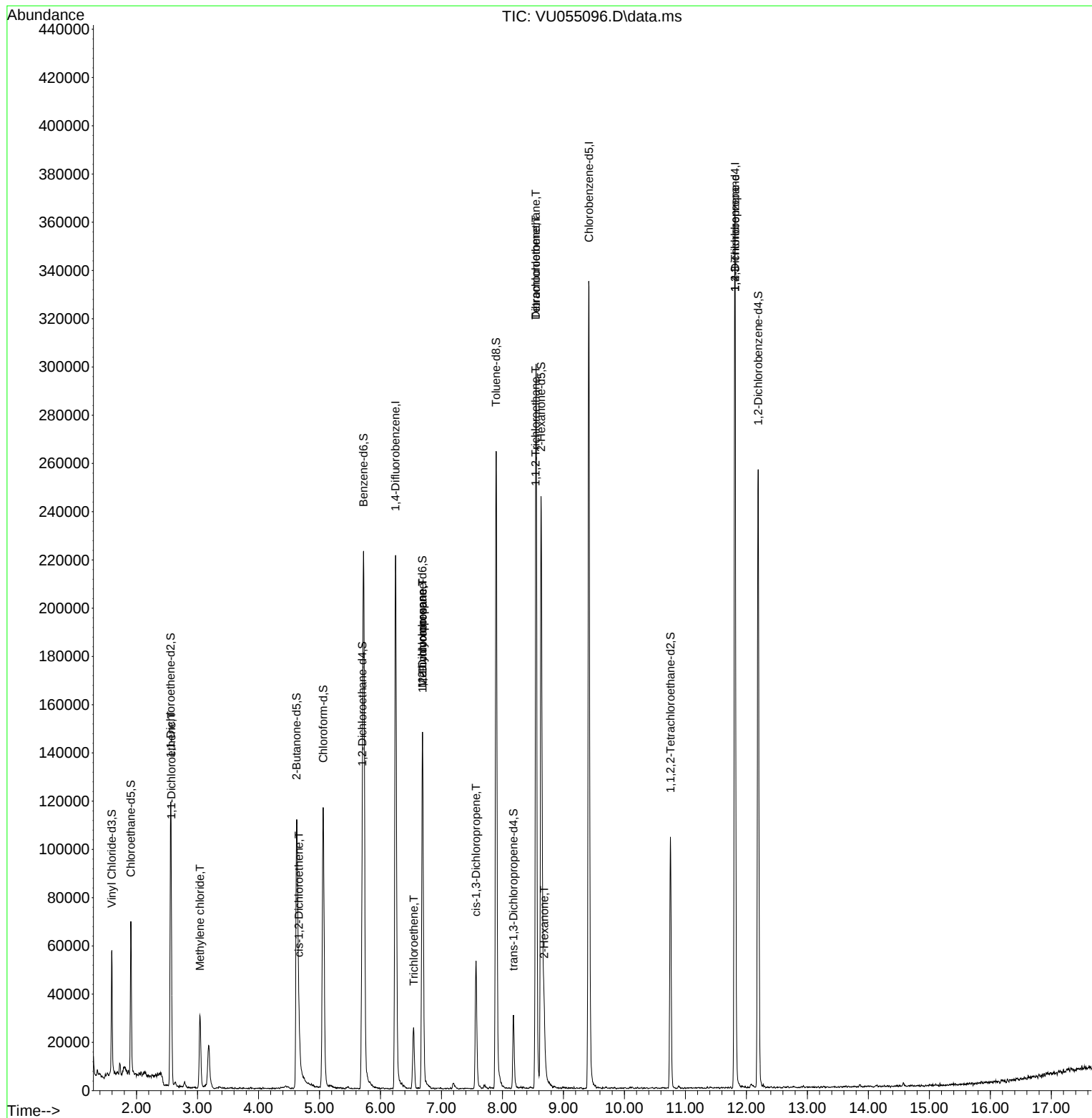
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	178594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36550	4.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.907	69	42674	4.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	22175	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.624	46	131863	53.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.520%
24) Chloroform-d	5.061	84	105788	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.701	65	55511	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.724	84	207185	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.688	67	71408	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.897	98	179562	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.180	79	17449	4.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.634	63	82729	52.774	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.540%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51004	5.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	65803	4.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	3010	0.361	ug/L #	1
16) Methylene chloride	3.039	84	13896	1.091	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	1728	0.167	ug/L	97
34) Trichloroethene	6.547	95	7760	0.735	ug/L	93
35) Methylcyclohexane	6.688	83	15249	1.029	ug/L #	21
37) 1,2-Dichloropropane	6.692	63	7613	0.736	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	1651	0.117	ug/L #	58
45) 1,1,2-Trichloroethane	8.544	97	667	0.096	ug/L #	24
47) Tetrachloroethene	8.550	164	61493	8.422	ug/L	94
48) 2-Hexanone	8.685	43	15339	3.317	ug/L #	81
49) Dibromochloromethane	8.550	129	63784	8.383	ug/L #	9
61) 1,2,3-Trichloropropane	11.814	75	12585	2.015	ug/L #	66

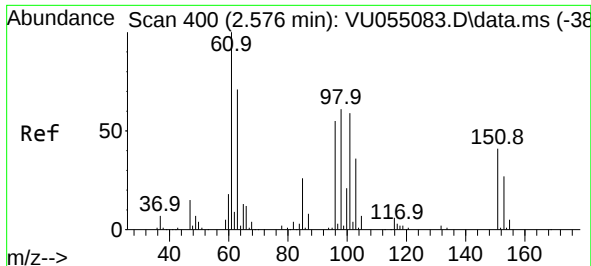
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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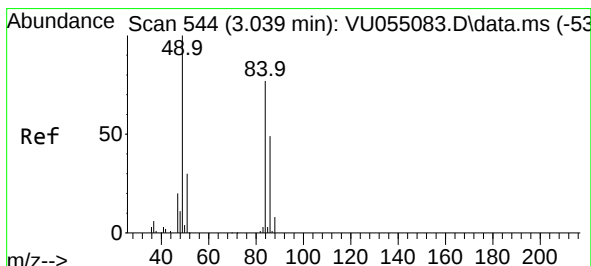
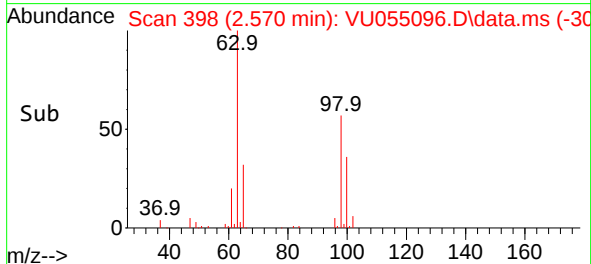
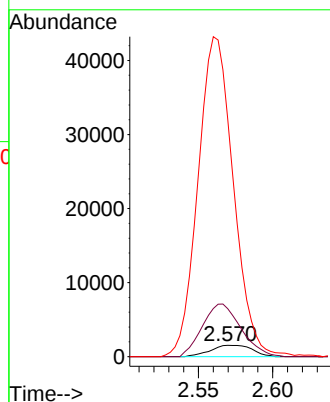
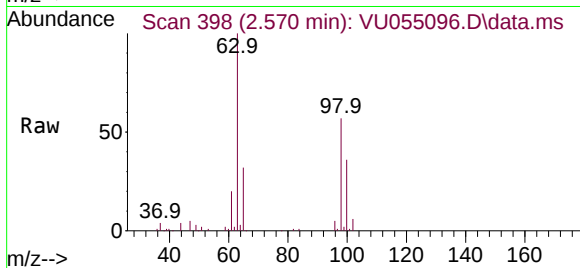




#12
1,1-Dichloroethene
Concen: 0.361 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

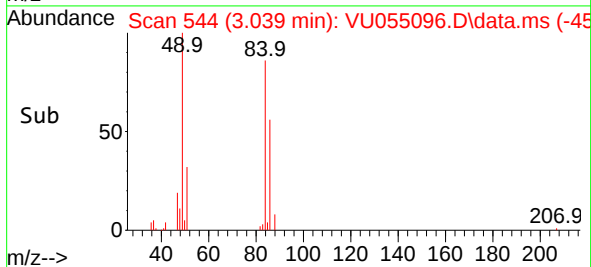
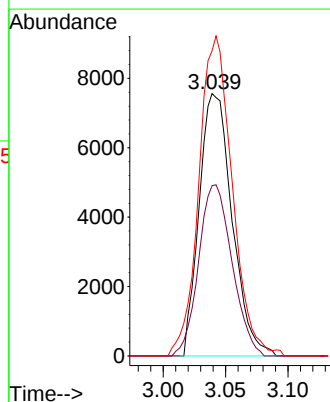
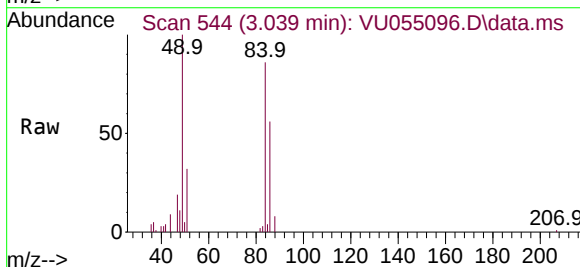
Instrument :
MSVOA_U
ClientSampleId :

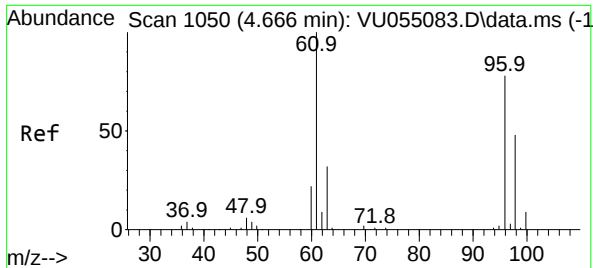
Tgt Ion: 96 Resp: 3010
Ion Ratio Lower Upper
96 100
61 340.1 120.8 224.4#
63 1683.5 94.5 175.5#



#16
Methylene chloride
Concen: 1.091 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

Tgt Ion: 84 Resp: 13896
Ion Ratio Lower Upper
84 100
86 64.9 43.4 80.6
49 121.9 87.7 162.9

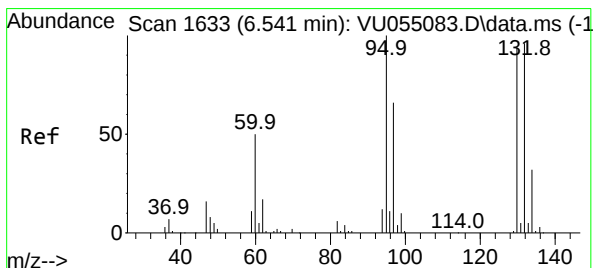
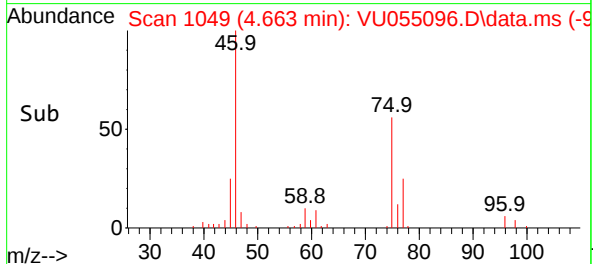
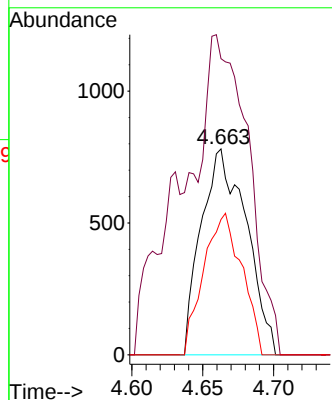
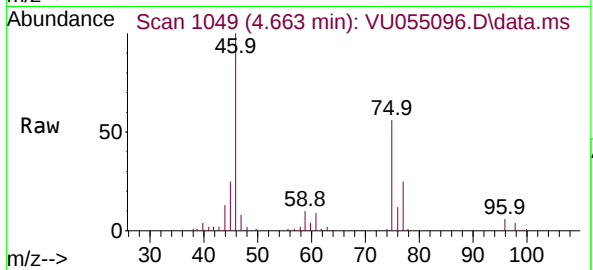




#22
 cis-1,2-Dichloroethene
 Concen: 0.167 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055096.D
 Acq: 05 Sep 2023 16:00

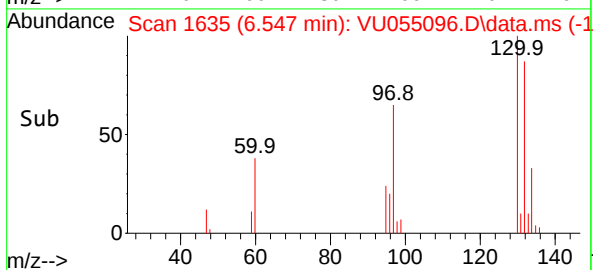
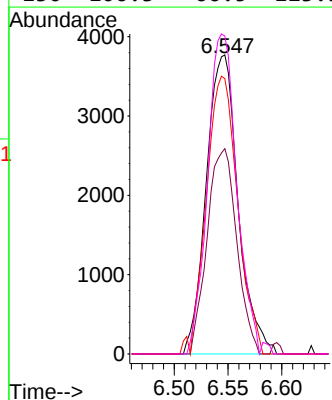
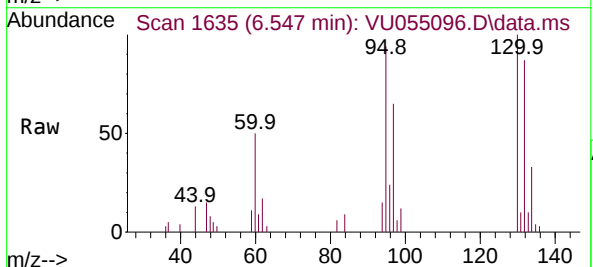
Instrument :
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 ClientSampleId :

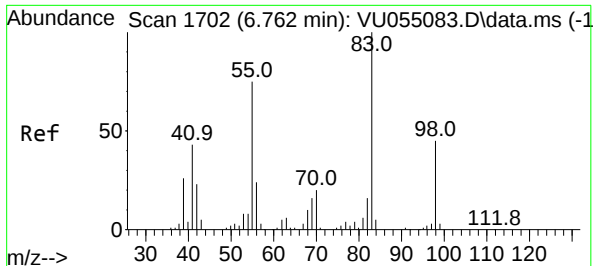
Tgt Ion: 96 Resp: 1728
 Ion Ratio Lower Upper
 96 100
 61 143.8 97.2 180.4
 98 65.7 46.1 85.7



#34
 Trichloroethene
 Concen: 0.735 ug/L
 RT: 6.547 min Scan# 1635
 Delta R.T. 0.006 min
 Lab File: VU055096.D
 Acq: 05 Sep 2023 16:00

Tgt Ion: 95 Resp: 7760
 Ion Ratio Lower Upper
 95 100
 97 68.7 44.7 83.1
 132 92.0 66.6 123.6
 130 106.3 66.5 123.5

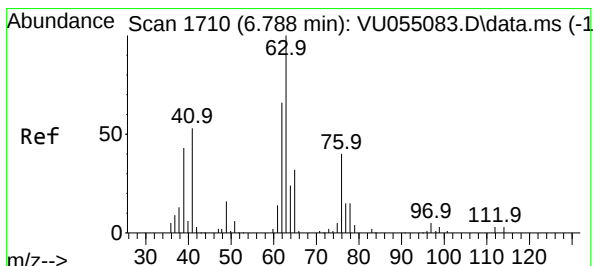
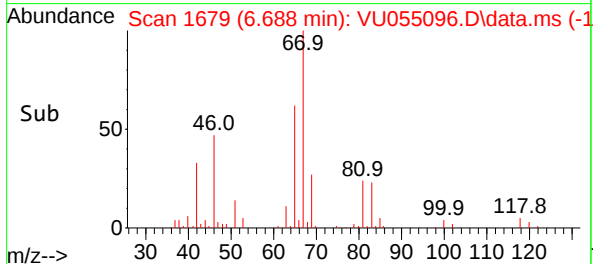
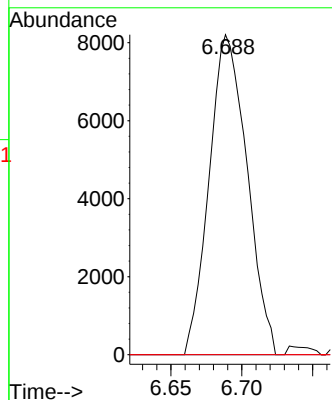
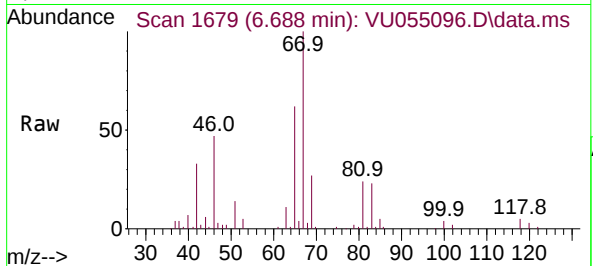




#35
Methylcyclohexane
Concen: 1.029 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

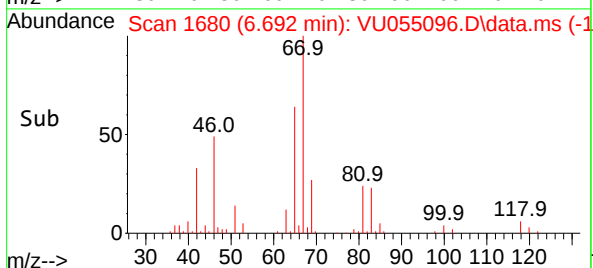
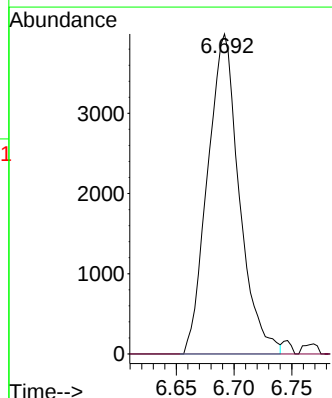
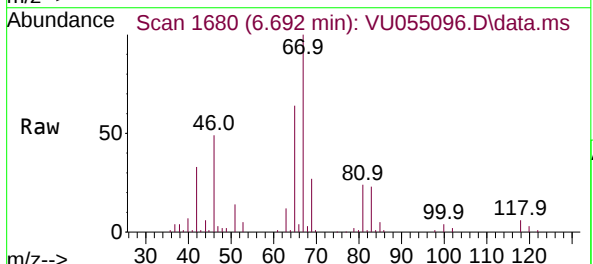
Instrument :
MSVOA_U
ClientSampleId :

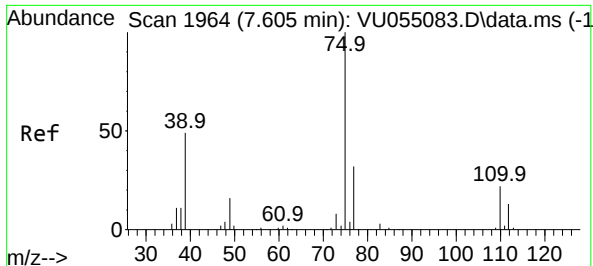
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	3.4	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.736 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.096 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

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

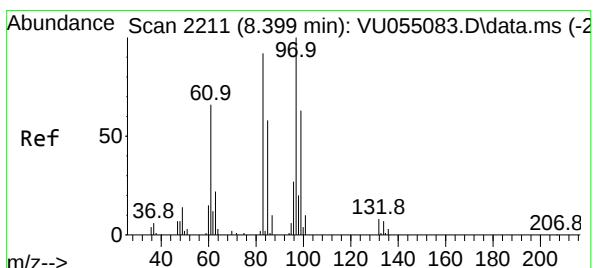
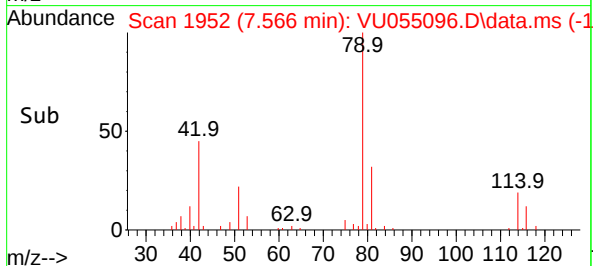
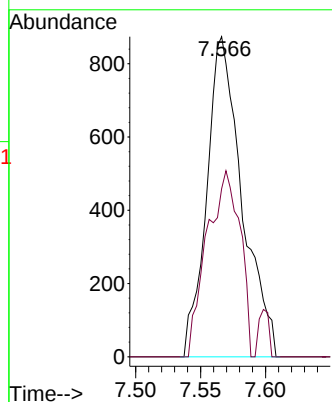
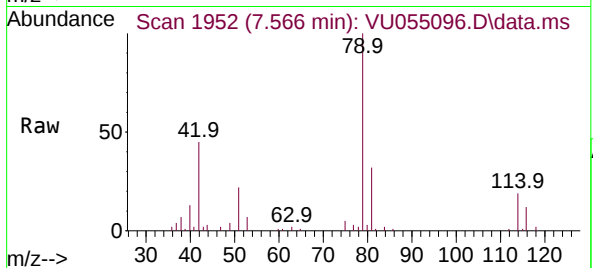




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.566 min Scan# 1964
 Delta R.T. -0.039 min
 Lab File: VU055096.D
 Acq: 05 Sep 2023 16:00

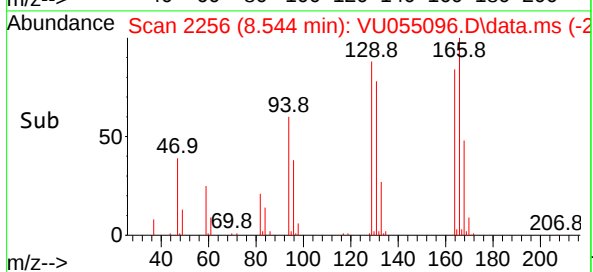
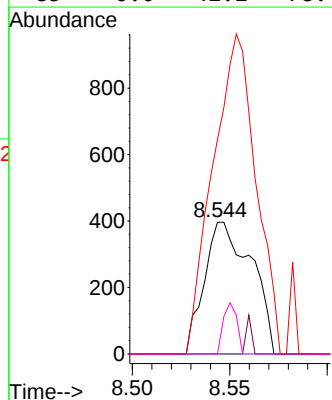
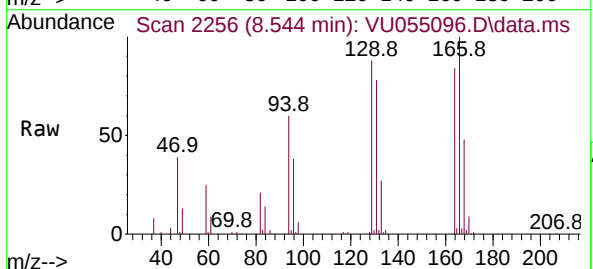
Instrument :
 MSVOA_U
 ClientSampleId :

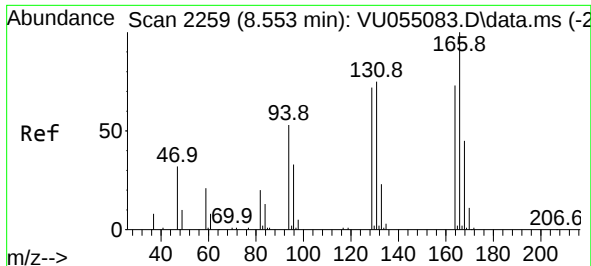
Tgt Ion: 75 Resp: 1651
 Ion Ratio Lower Upper
 75 100
 77 52.5 20.9 38.9#



#45
 1,1,2-Trichloroethane
 Concen: 0.096 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.145 min
 Lab File: VU055096.D
 Acq: 05 Sep 2023 16:00

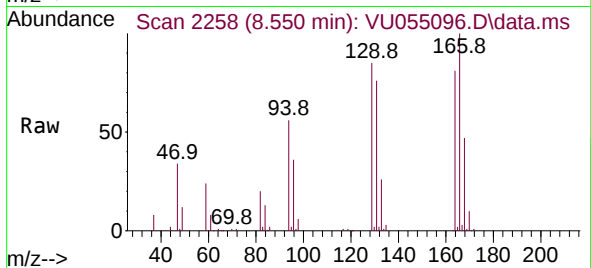
Tgt Ion: 97 Resp: 667
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.9 83.5#
 83 162.9 66.9 124.3#
 85 0.0 42.2 78.4#



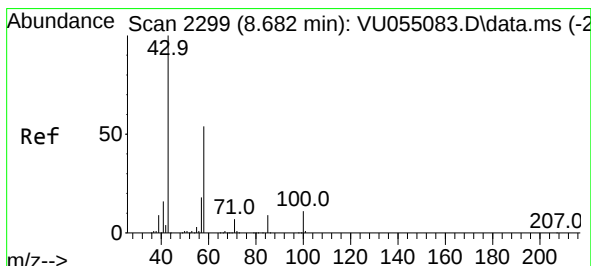
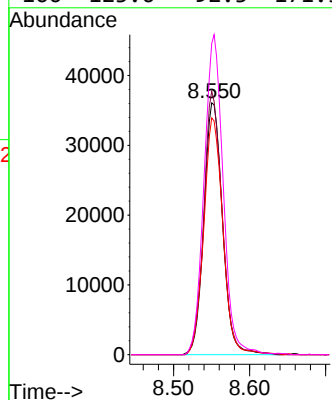
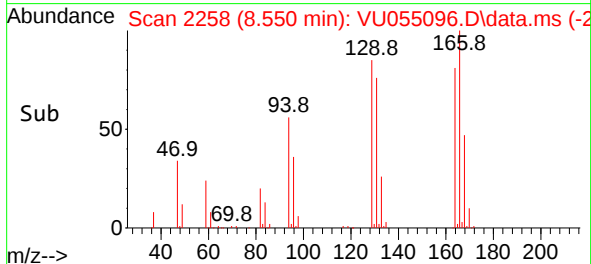


#47
Tetrachloroethene
Concen: 8.422 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

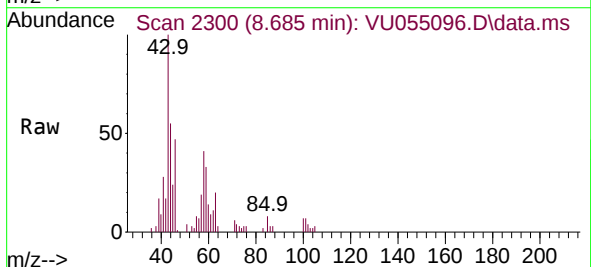
Instrument :
MSVOA_U
ClientSampleId :



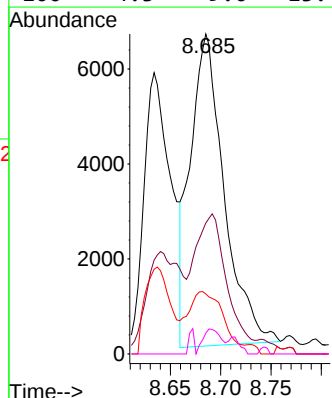
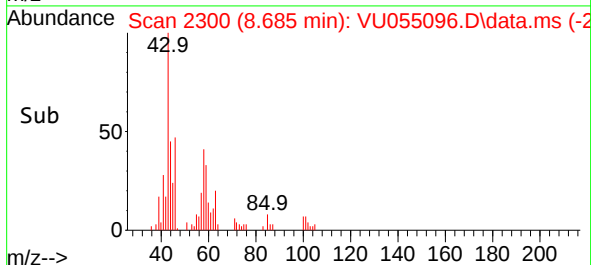
Tgt Ion:164 Resp: 61493
Ion Ratio Lower Upper
164 100
129 104.6 69.2 128.6
131 94.0 68.8 127.8
166 123.6 92.3 171.5

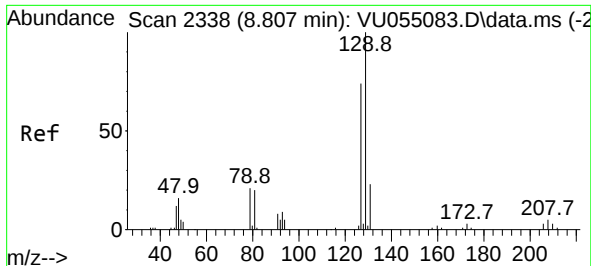


#48
2-Hexanone
Concen: 3.317 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00



Tgt Ion: 43 Resp: 15339
Ion Ratio Lower Upper
43 100
58 37.7 44.0 66.0#
57 17.5 16.2 24.2
100 4.3 9.0 13.4#

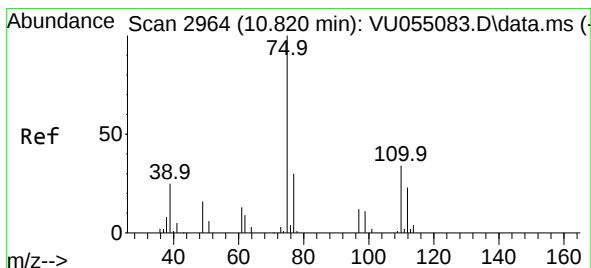
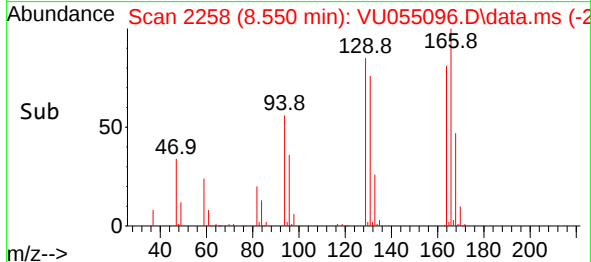
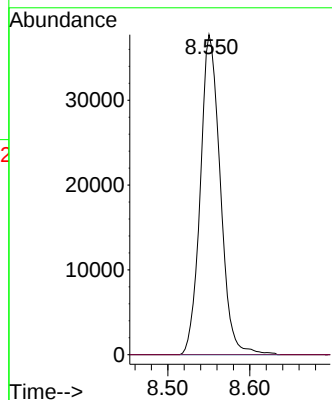
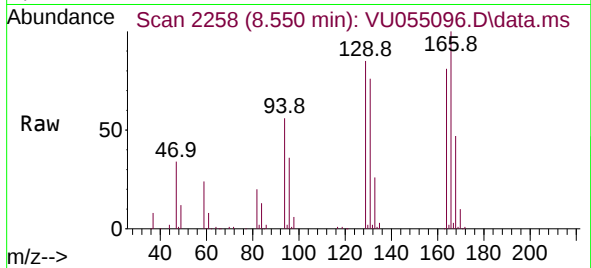




#49
Dibromochloromethane
Concen: 8.383 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 63784
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#



#61
1,2,3-Trichloropropane
Concen: 2.015 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.994 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

Tgt Ion: 75 Resp: 12585
Ion Ratio Lower Upper
75 100
110 2.5 28.2 42.2#
77 38.7 26.2 39.4

