

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055164.D
 Acq On : 07 Sep 2023 01:22
 Operator : MD/SY
 Sample : 04286-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 02:28:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

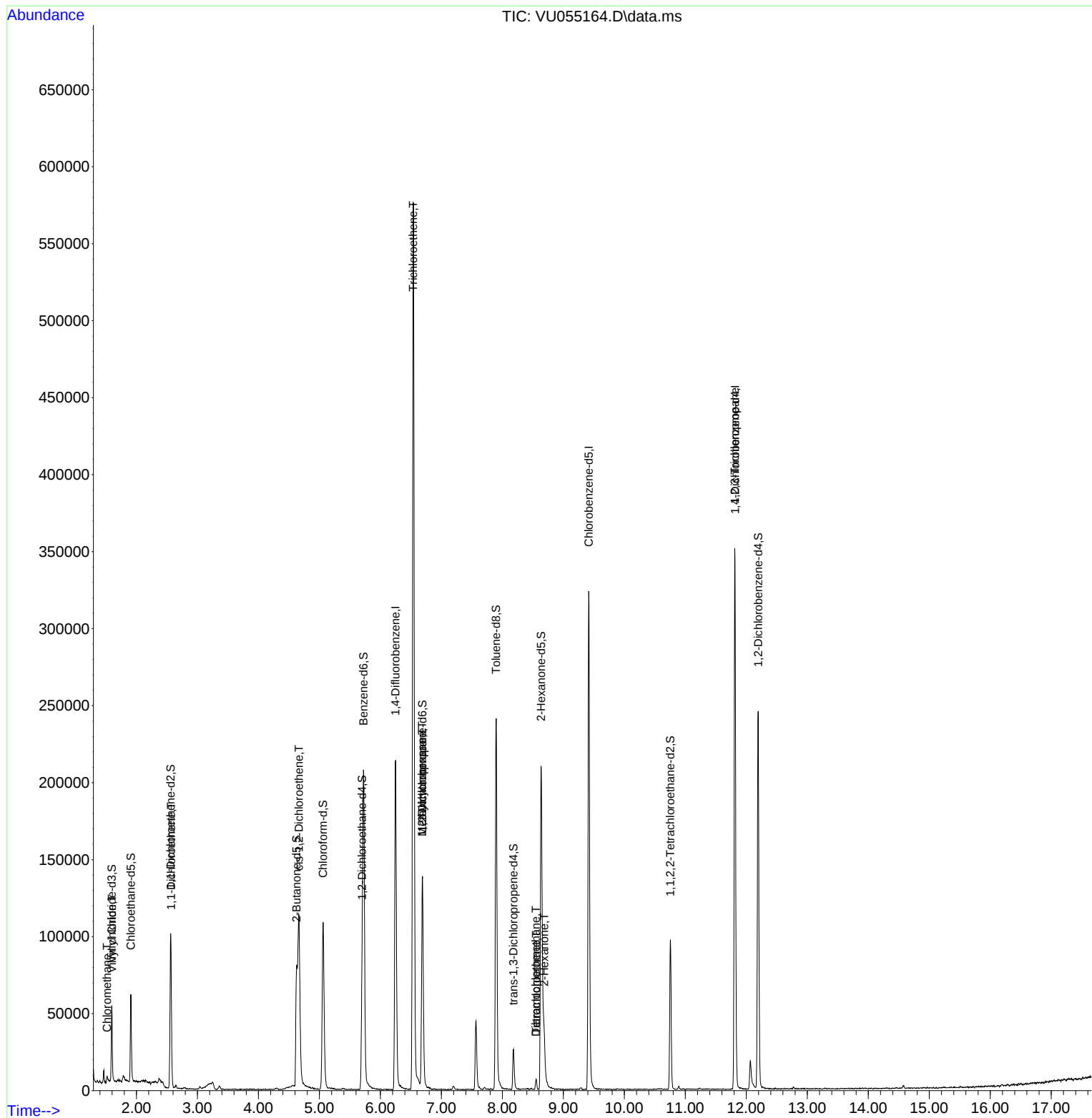
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	173516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	29478	3.708	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.908	69	39021	4.240	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.560	65	19031	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.625	46	116411	50.456	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.920%
24) Chloroform-d	5.059	84	97396	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.699	65	53112	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.724	84	191437	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.689	67	65242	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.898	98	160932	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.181	79	15137	4.035	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.634	63	69181	45.423	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48492	5.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	60628	4.724	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2937	0.293	ug/L	89
5) Vinyl chloride	1.599	62	5853	0.553	ug/L	97
12) 1,1-Dichloroethene	2.567	96	901	0.115	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	48255	4.954	ug/L	97
34) Trichloroethene	6.538	95	196447	19.141	ug/L	98
35) Methylcyclohexane	6.686	83	14597	1.014	ug/L #	19
37) 1,2-Dichloropropane	6.686	63	7626	0.758	ug/L #	88
47) Tetrachloroethene	8.554	164	1543	0.218	ug/L #	75
48) 2-Hexanone	8.686	43	17938	3.993	ug/L #	92
49) Dibromochloromethane	8.547	129	1295	0.175	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	11473	1.966	ug/L #	68

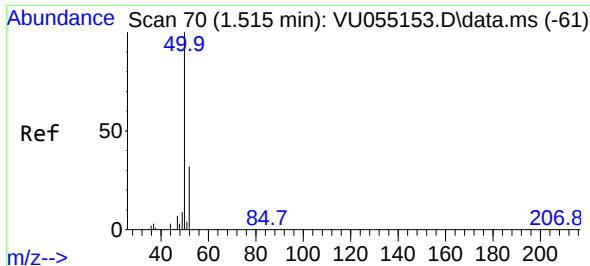
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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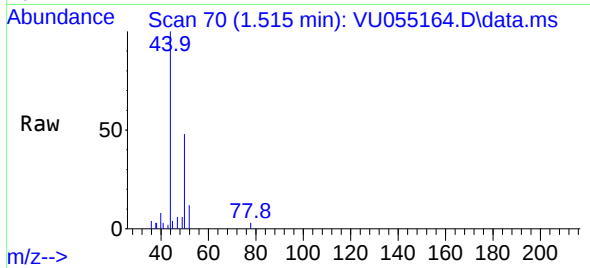
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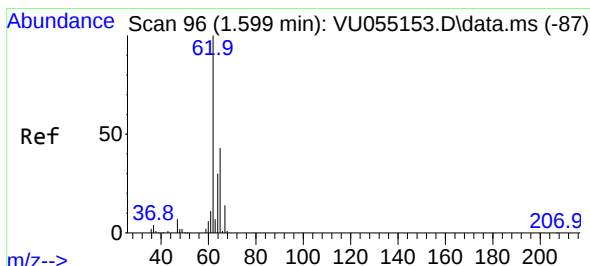
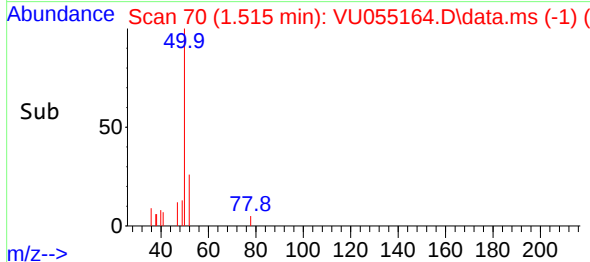
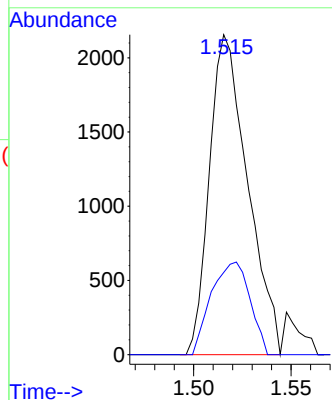


#3
Chloromethane
Concen: 0.293 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

Instrument :
MSVOA_U
ClientSampleId :

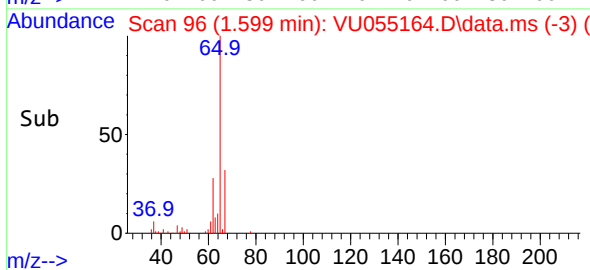
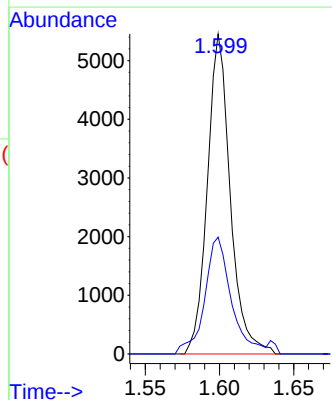
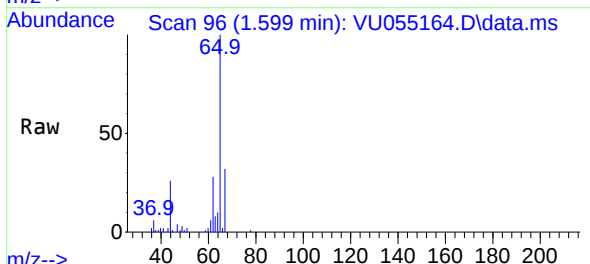


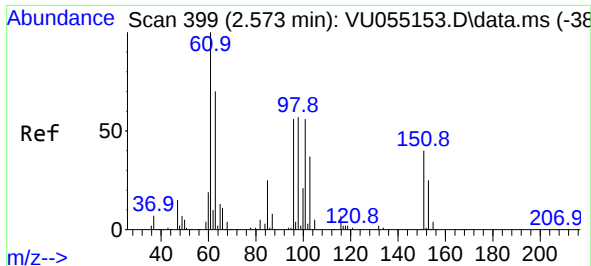
Tgt Ion: 50 Resp: 2937
Ion Ratio Lower Upper
50 100
52 25.7 22.5 41.7



#5
Vinyl chloride
Concen: 0.553 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

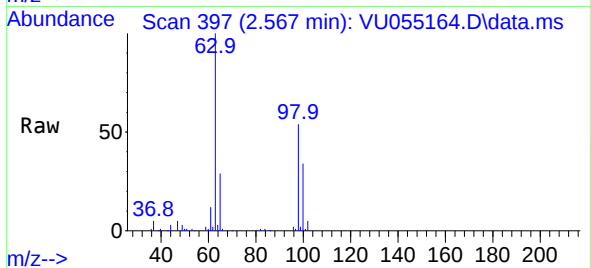
Tgt Ion: 62 Resp: 5853
Ion Ratio Lower Upper
62 100
64 36.5 24.2 45.0



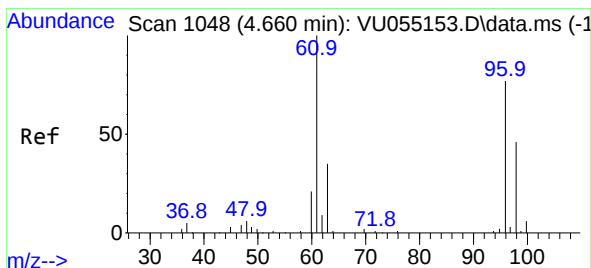
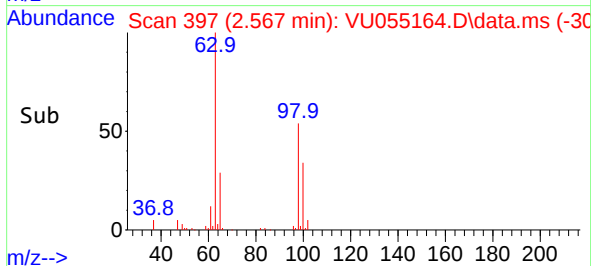
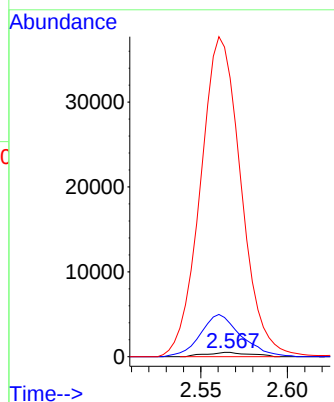


#12
1,1-Dichloroethene
Concen: 0.115 ug/L
RT: 2.567 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

Instrument :
MSVOA_U
ClientSampleId :

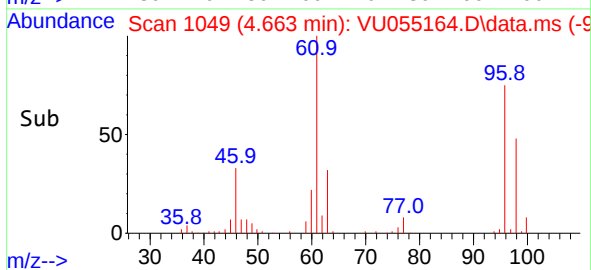
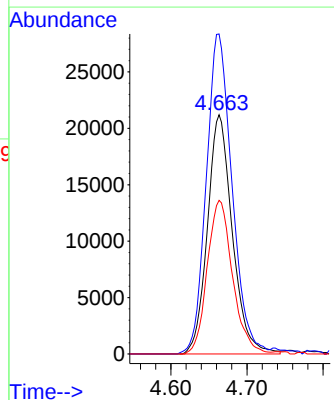
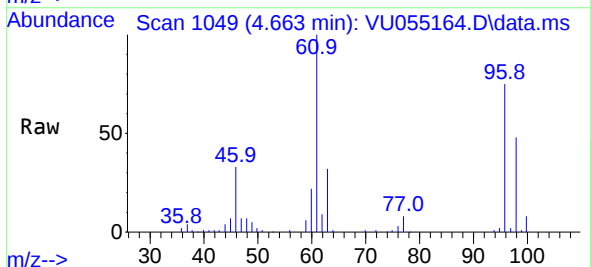


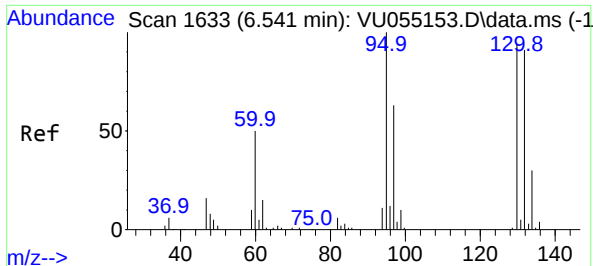
Tgt Ion: 96 Resp: 901
Ion Ratio Lower Upper
96 100
61 560.6 120.8 224.4#
63 4704.9 94.5 175.5#



#22
cis-1,2-Dichloroethene
Concen: 4.954 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

Tgt Ion: 96 Resp: 48255
Ion Ratio Lower Upper
96 100
61 133.8 97.2 180.4
98 64.2 46.1 85.7

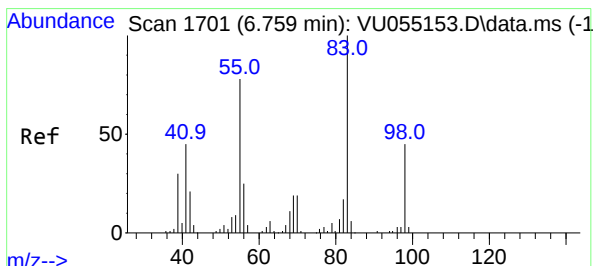
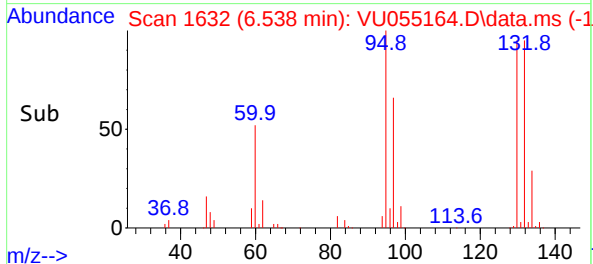
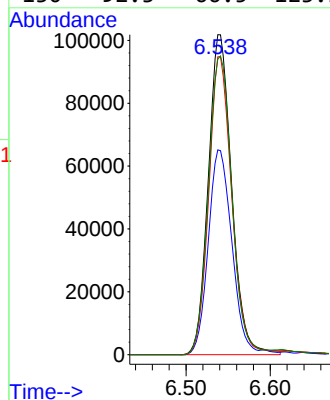
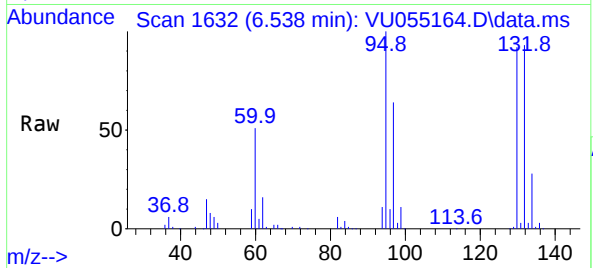




#34
Trichloroethene
Concen: 19.141 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

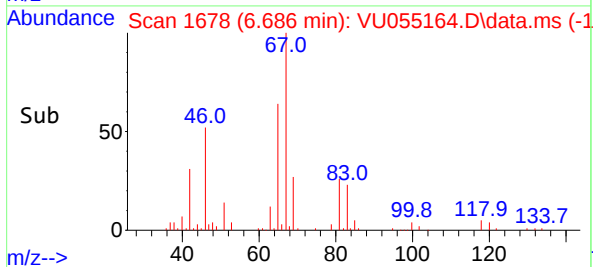
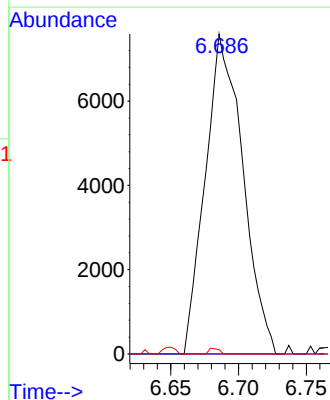
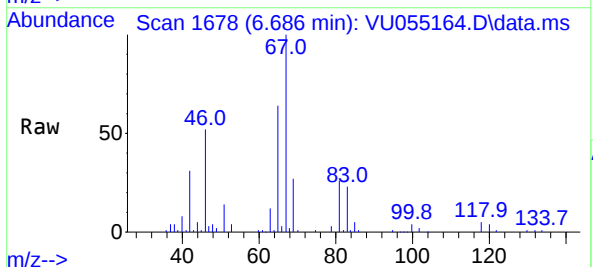
Instrument :
MSVOA_U
ClientSampleId :

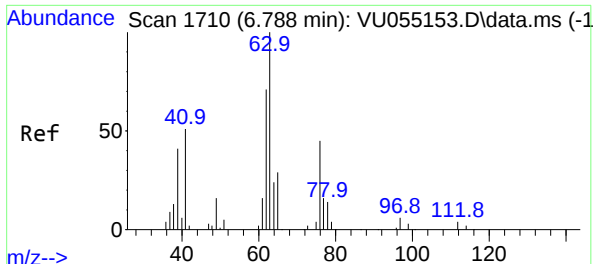
Tgt Ion: 95 Resp: 196447
Ion Ratio Lower Upper
95 100
97 64.0 44.7 83.1
132 93.1 66.6 123.6
130 92.3 66.5 123.5



#35
Methylcyclohexane
Concen: 1.014 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

Tgt Ion: 83 Resp: 14597
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.0 35.3 52.9#

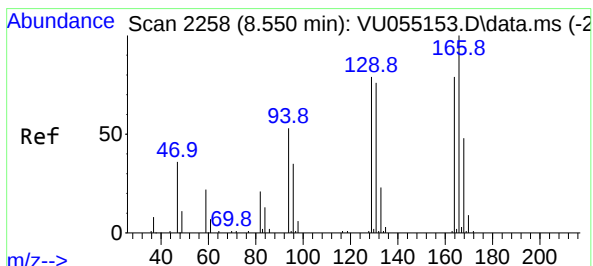
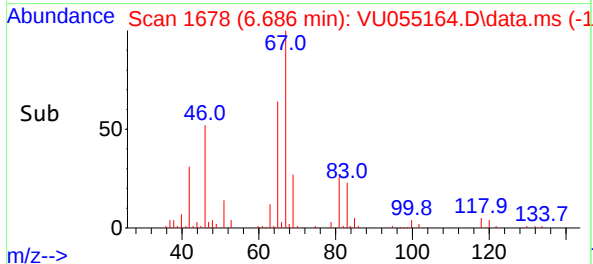
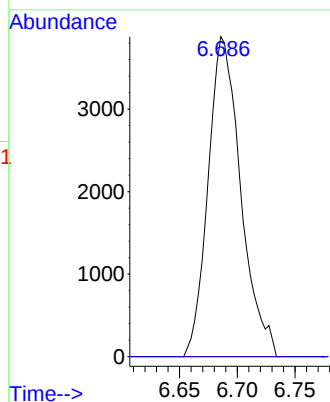
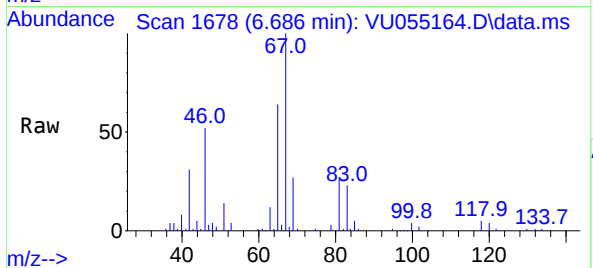




#37
1,2-Dichloropropane
Concen: 0.758 ug/L
RT: 6.686 min Scan# 1
Delta R.T. -0.102 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

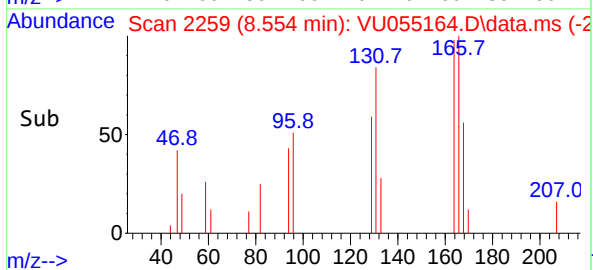
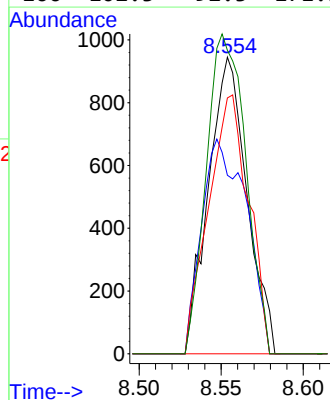
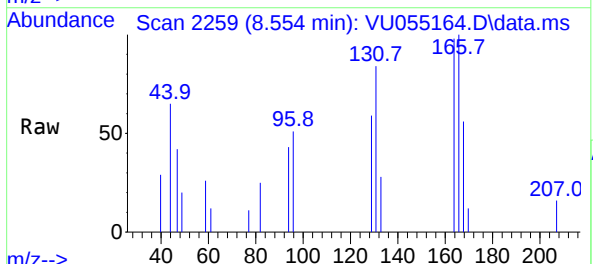
Instrument :
MSVOA_U
ClientSampleId :

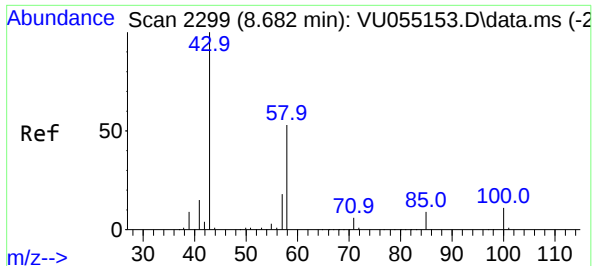
Tgt Ion: 63 Resp: 7626
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.218 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

Tgt Ion:164 Resp: 1543
Ion Ratio Lower Upper
164 100
129 60.2 69.2 128.6#
131 86.2 68.8 127.8
166 102.3 92.3 171.5





#48

2-Hexanone

Concen: 3.993 ug/L

RT: 8.686 min Scan# 21

Delta R.T. 0.004 min

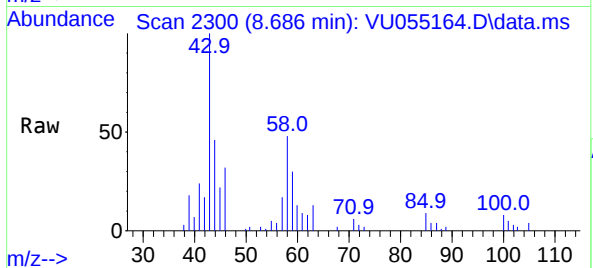
Lab File: VU055164.D

Acq: 07 Sep 2023 01:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 17938

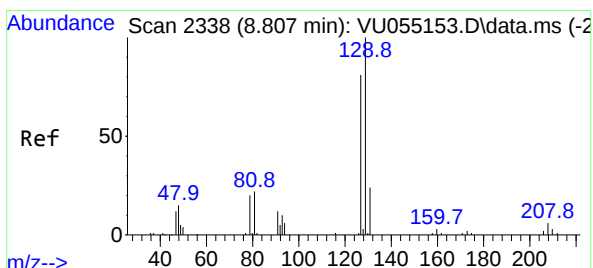
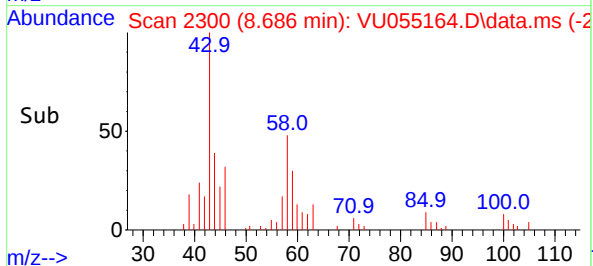
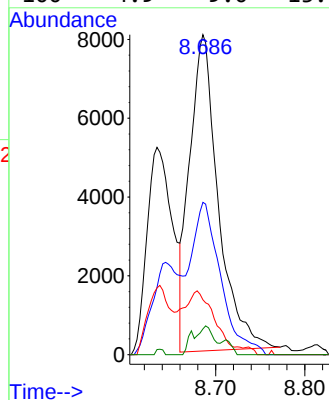
Ion Ratio Lower Upper

43 100

58 50.1 44.0 66.0

57 16.9 16.2 24.2

100 4.9 9.0 13.4#



#49

Dibromochloromethane

Concen: 0.175 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.260 min

Lab File: VU055164.D

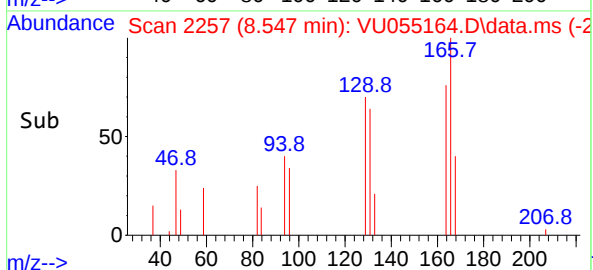
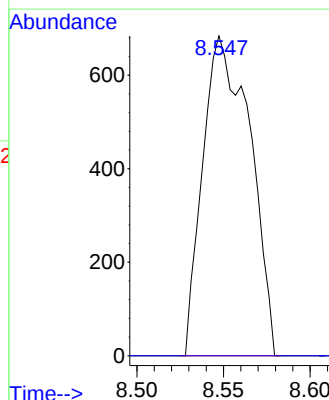
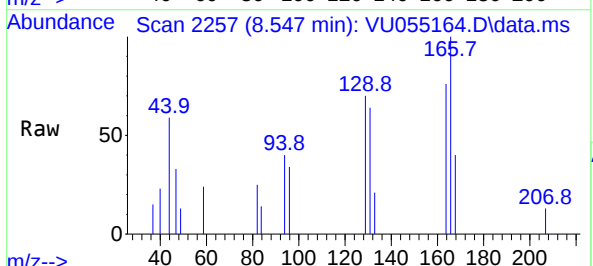
Acq: 07 Sep 2023 01:22

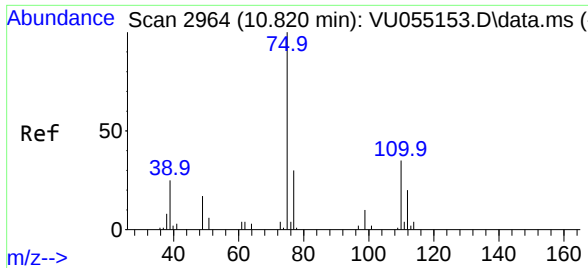
Tgt Ion:129 Resp: 1295

Ion Ratio Lower Upper

129 100

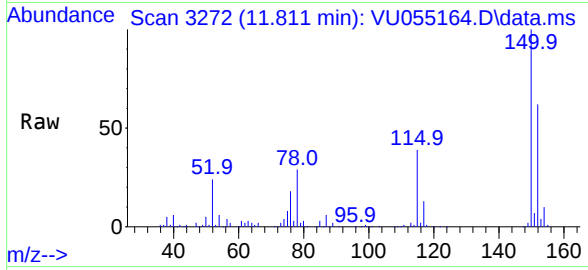
127 0.0 55.9 103.7#





#61
1,2,3-Trichloropropane
Concen: 1.966 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 11473
Ion Ratio Lower Upper
75 100
110 2.3 28.2 42.2#
77 35.4 26.2 39.4

