

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056052.D
 Acq On : 01 Nov 2023 20:19
 Operator : MD/SY
 Sample : 05052-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

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

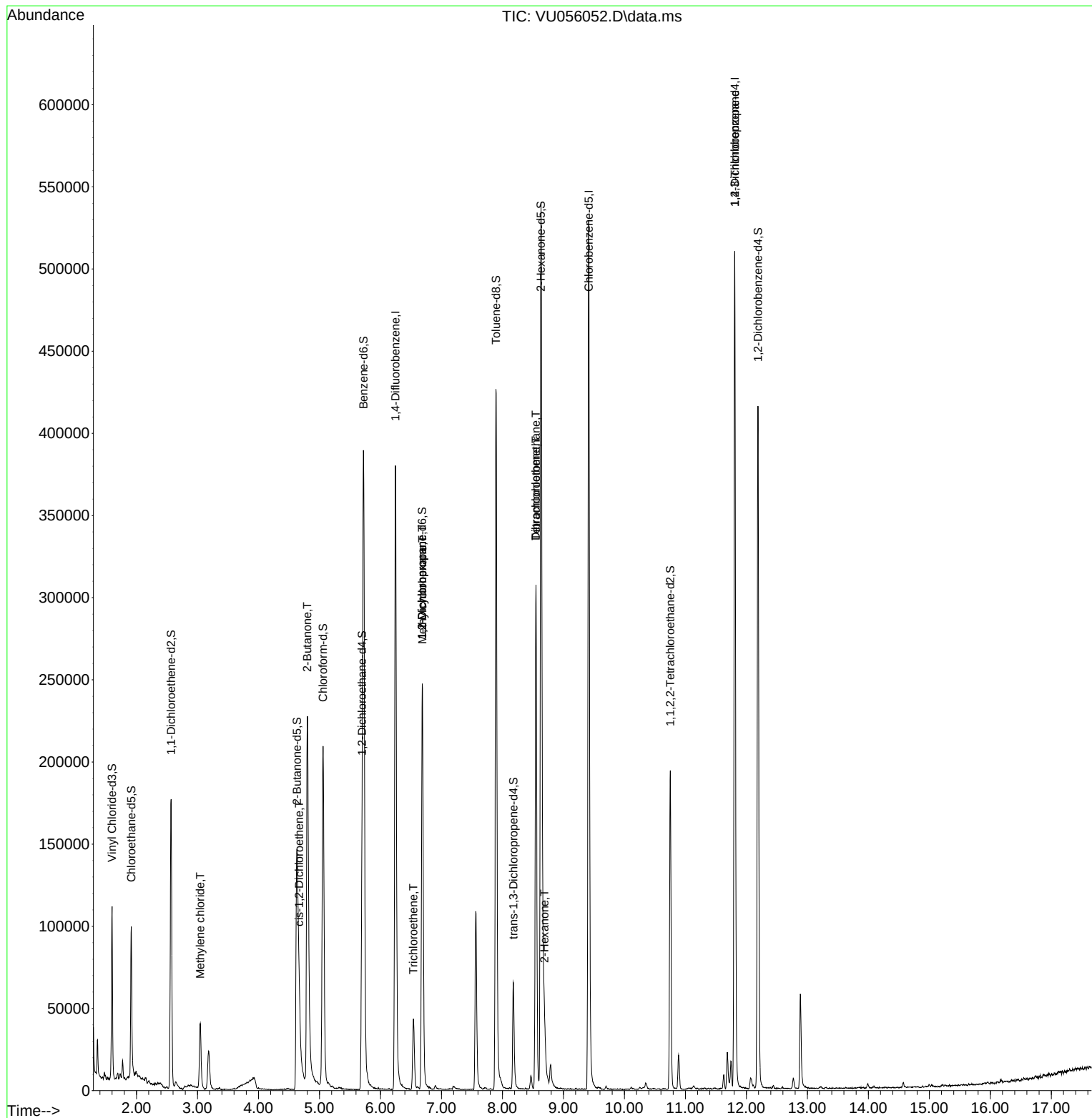
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	327581	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	319785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	148458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71810	2.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.400%
7) Chloroethane-d5	1.914	69	69553	3.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	2.567	65	32491	2.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	4.631	46	254042	54.953	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.900%
24) Chloroform-d	5.058	84	202006	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.698	65	99562	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.724	84	385568	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.685	67	129178	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.894	98	306770	3.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.180	79	41397	3.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.631	63	192185	68.550	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.100%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100660	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	119553	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	20920	1.163	ug/L	94
21) 2-Butanone	4.801	43	326355	84.273	ug/L #	46
22) cis-1,2-Dichloroethene	4.666	96	11845	0.621	ug/L	77
34) Trichloroethene	6.541	95	16479	0.835	ug/L	91
35) Methylcyclohexane	6.689	83	30103	1.130	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13353	0.713	ug/L #	89
47) Tetrachloroethene	8.550	164	69111	4.999	ug/L	97
48) 2-Hexanone	8.688	43	20770	2.924	ug/L #	82
49) Dibromochloromethane	8.550	129	70702	4.888	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	17072	1.675	ug/L #	66

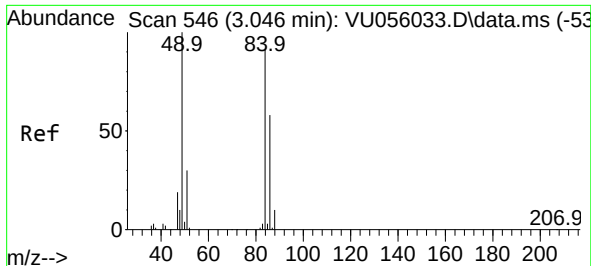
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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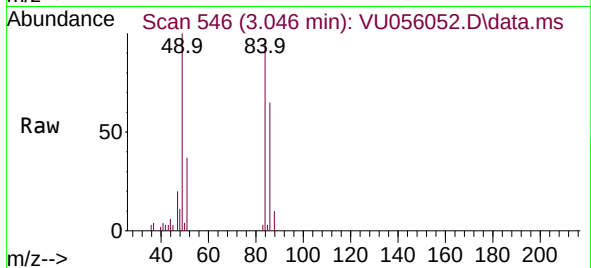
Quant Time: Nov 02 02:12:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
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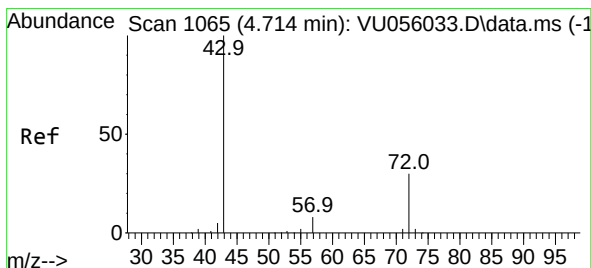
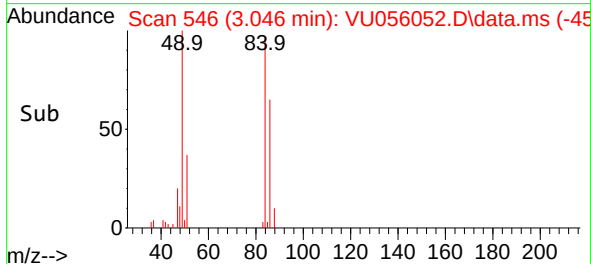
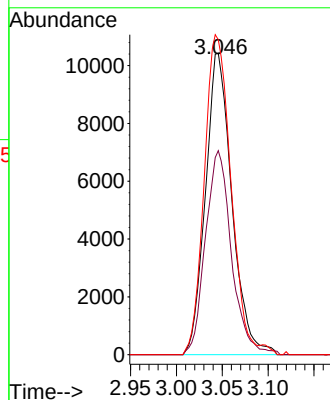


#16
Methylene chloride
Concen: 1.163 ug/L
RT: 3.046 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU056052.D
Acq: 01 Nov 2023 20:19

Instrument :
MSVOA_U
ClientSampleId :

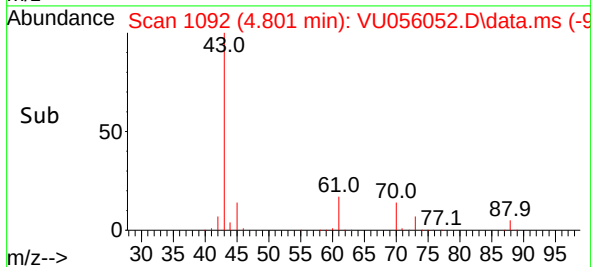
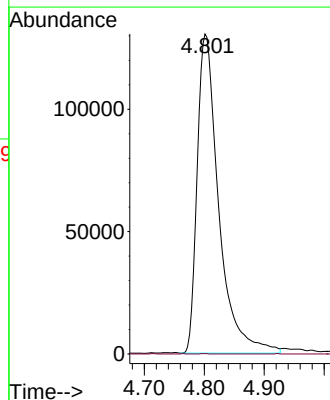
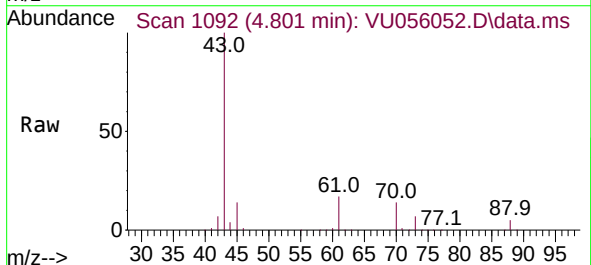


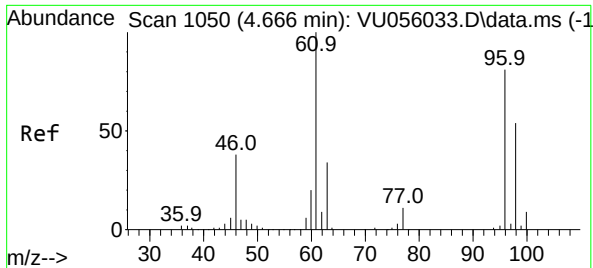
Tgt Ion: 84 Resp: 20920
Ion Ratio Lower Upper
84 100
86 67.7 45.2 84.0
49 104.5 78.8 146.3



#21
2-Butanone
Concen: 84.273 ug/L
RT: 4.801 min Scan# 1092
Delta R.T. 0.087 min
Lab File: VU056052.D
Acq: 01 Nov 2023 20:19

Tgt Ion: 43 Resp: 326355
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.4#





#22

cis-1,2-Dichloroethene

Concen: 0.621 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VU056052.D

Acq: 01 Nov 2023 20:19

Instrument :

MSVOA_U

ClientSampleId :

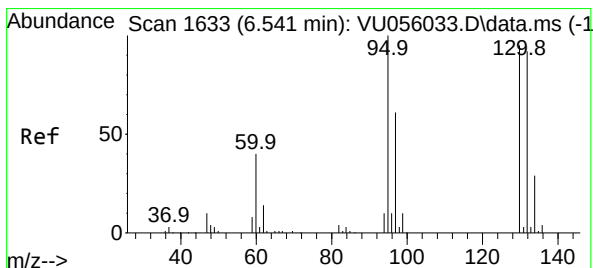
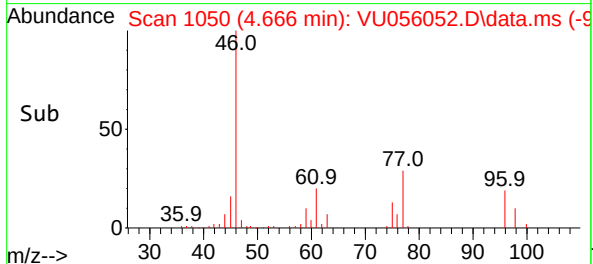
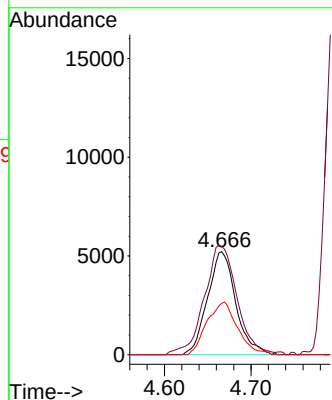
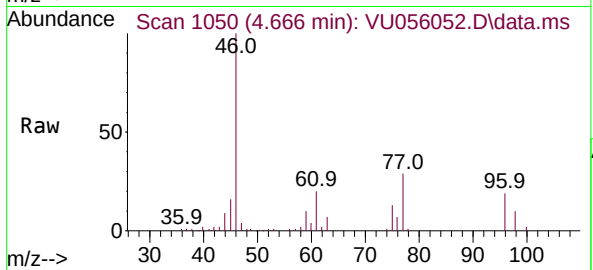
Tgt Ion: 96 Resp: 11845

Ion Ratio Lower Upper

96 100

61 104.8 93.8 174.2

98 49.8 45.6 84.8



#34

Trichloroethene

Concen: 0.835 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU056052.D

Acq: 01 Nov 2023 20:19

Tgt Ion: 95 Resp: 16479

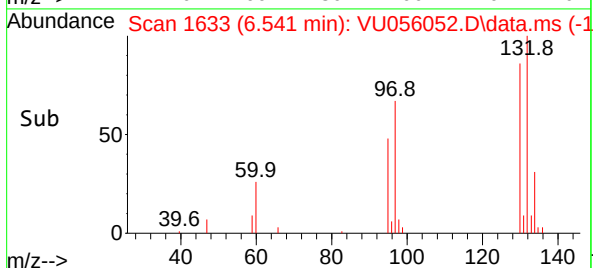
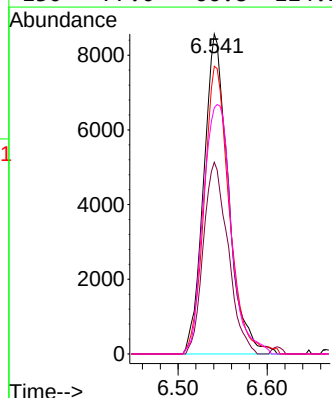
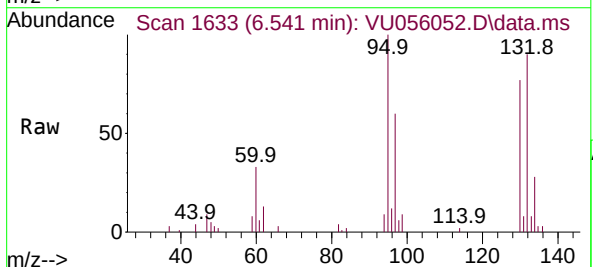
Ion Ratio Lower Upper

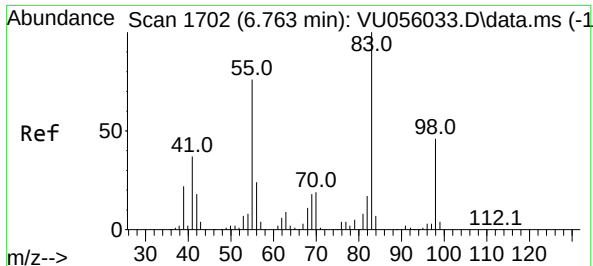
95 100

97 59.9 45.4 84.2

132 89.9 63.9 118.7

130 77.0 66.8 124.2





#35

Methylcyclohexane

Concen: 1.130 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056052.D

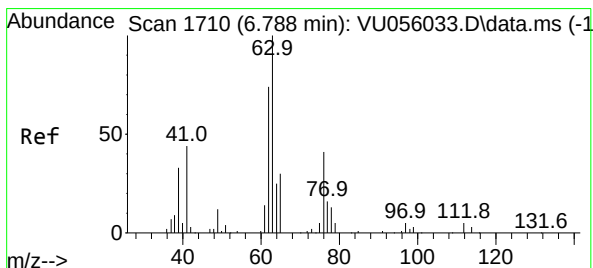
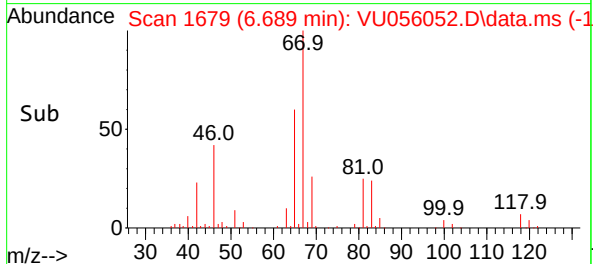
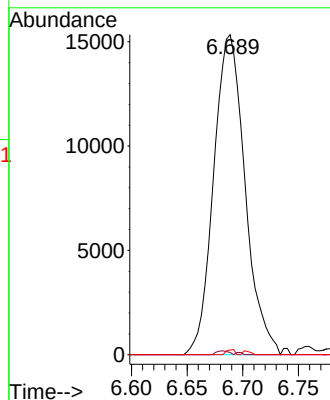
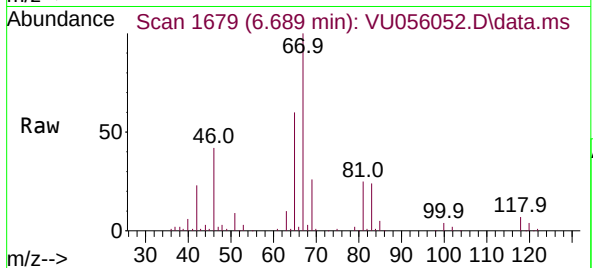
Acq: 01 Nov 2023 20:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 30103
Ion Ratio	Lower Upper
83 100	
55 0.5	62.4 93.6#
98 0.4	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.713 ug/L

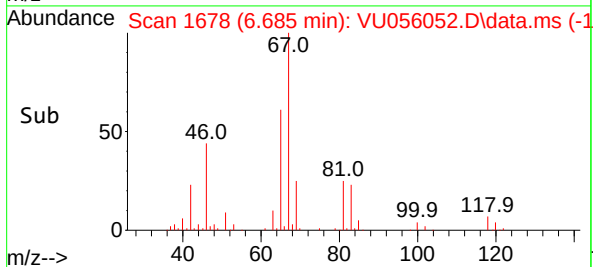
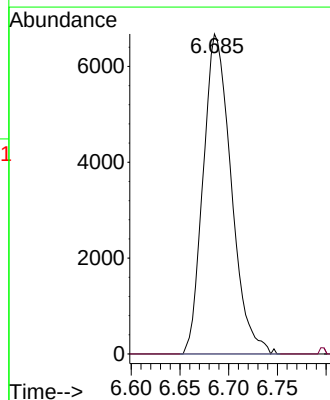
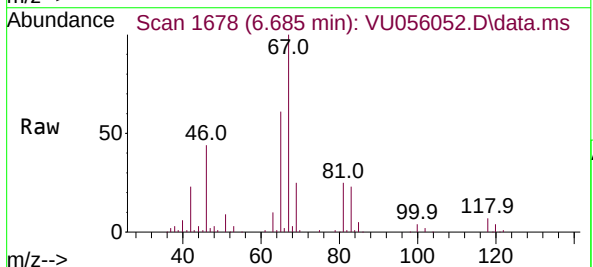
RT: 6.685 min Scan# 1678

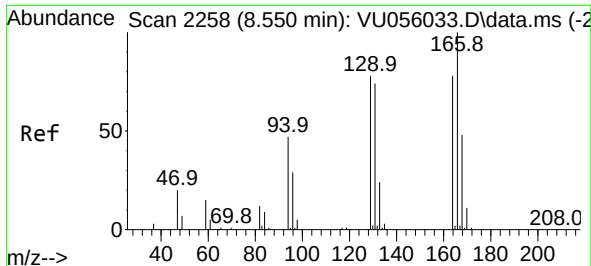
Delta R.T. -0.103 min

Lab File: VU056052.D

Acq: 01 Nov 2023 20:19

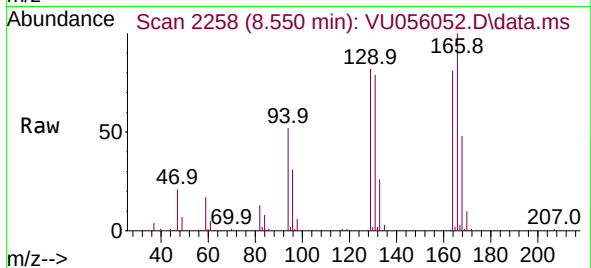
Tgt Ion: 63	Resp: 13353
Ion Ratio	Lower Upper
63 100	
112 0.4	3.1 4.7#



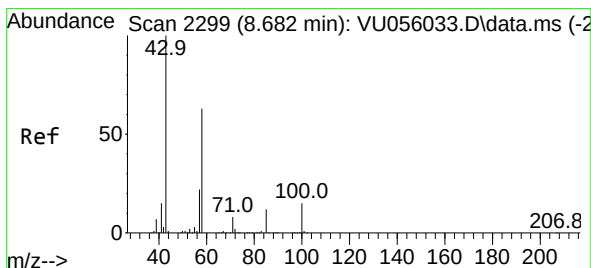
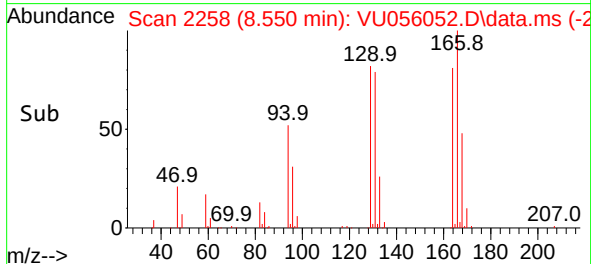
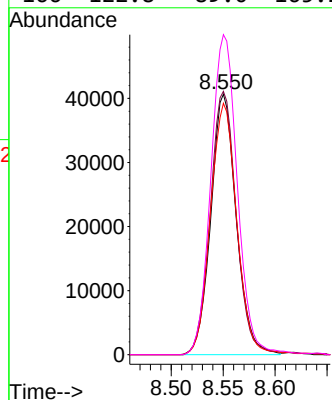


#47
Tetrachloroethene
Concen: 4.999 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056052.D
Acq: 01 Nov 2023 20:19

Instrument :
MSVOA_U
ClientSampleId :

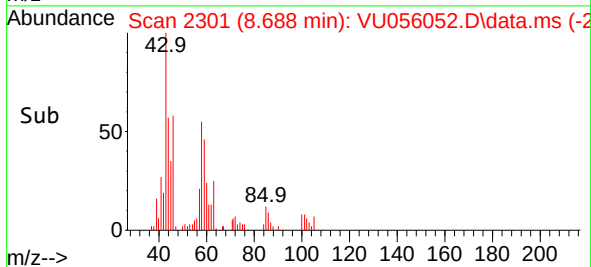
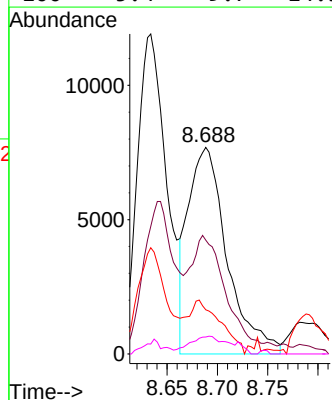
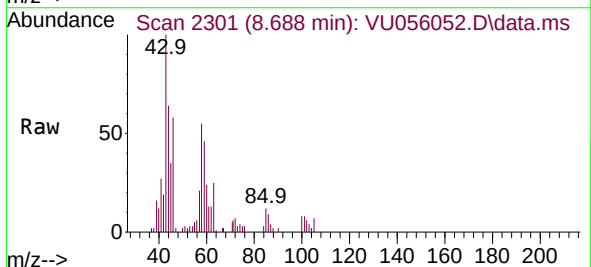


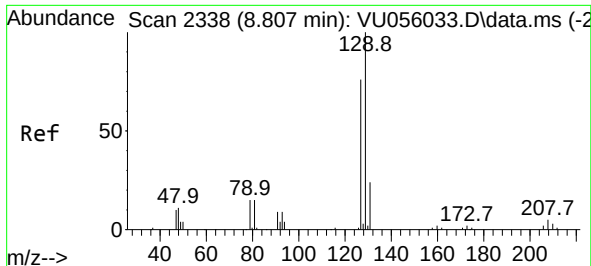
Tgt Ion:164 Resp: 69111
Ion Ratio Lower Upper
164 100
129 101.1 72.2 134.0
131 96.5 70.8 131.6
166 122.8 89.0 165.2



#48
2-Hexanone
Concen: 2.924 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU056052.D
Acq: 01 Nov 2023 20:19

Tgt Ion: 43 Resp: 20770
Ion Ratio Lower Upper
43 100
58 44.2 49.5 74.3#
57 19.8 16.9 25.3
100 5.4 9.7 14.5#

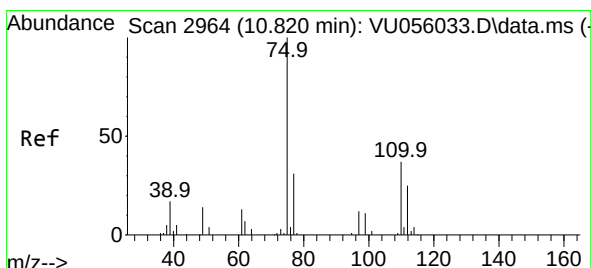
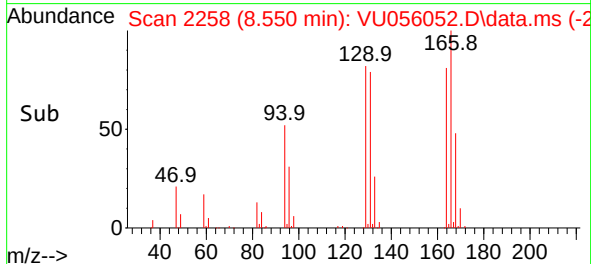
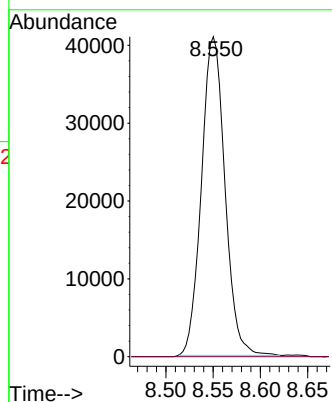
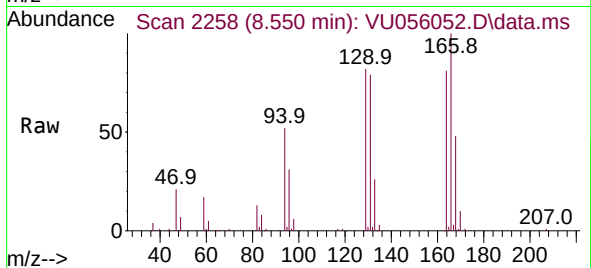




#49
Dibromochloromethane
Concen: 4.888 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056052.D
Acq: 01 Nov 2023 20:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 70702
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.675 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056052.D
Acq: 01 Nov 2023 20:19

Tgt Ion: 75 Resp: 17072
Ion Ratio Lower Upper
75 100
110 1.4 29.0 43.6#
77 33.3 24.5 36.7

