

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056020.D
 Acq On : 31 Oct 2023 18:08
 Operator : MD/SY
 Sample : 05113-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:11:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

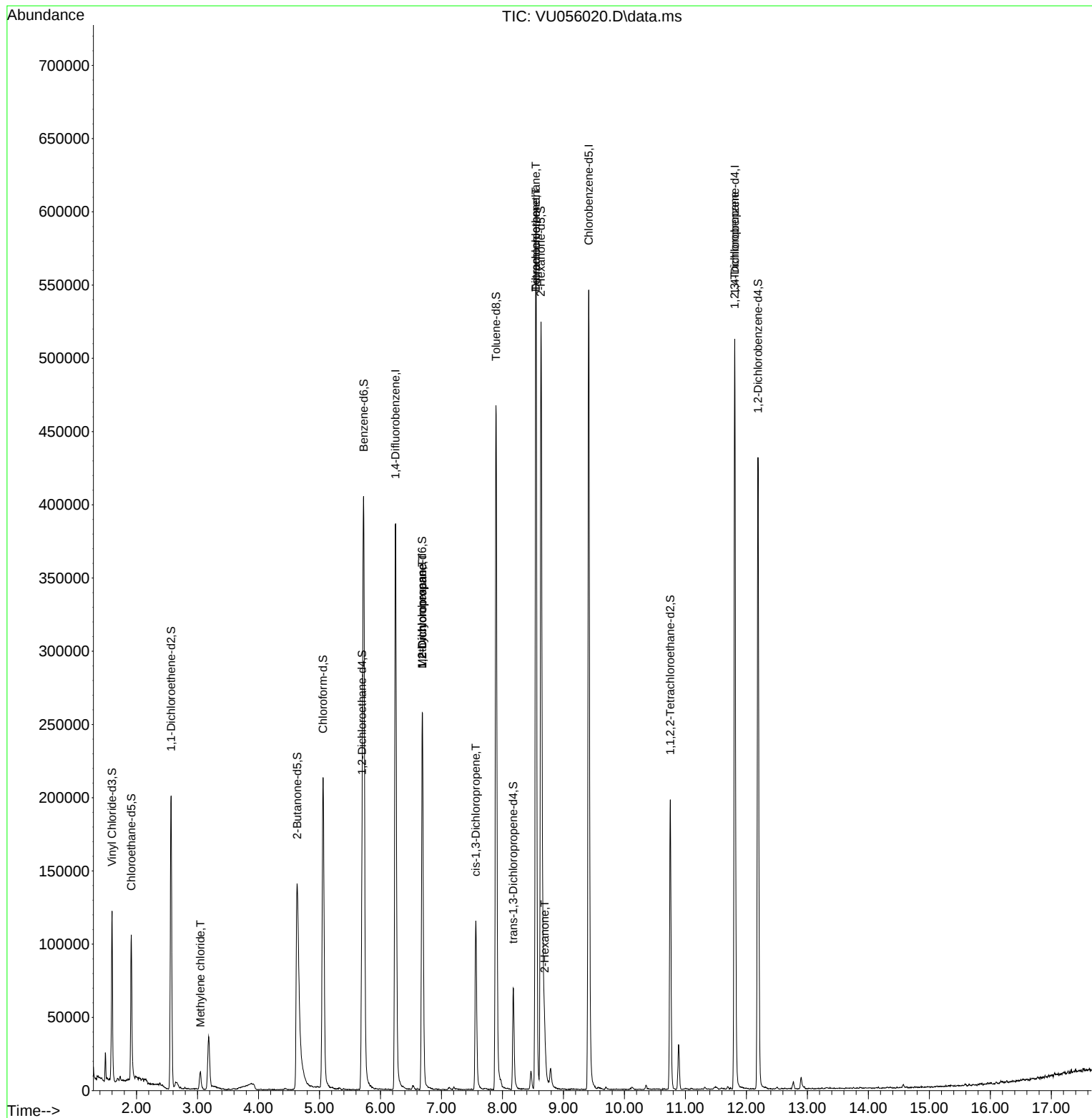
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	334614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	333655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	143599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83765	3.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.914	69	80477	3.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.566	65	39553	3.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.634	46	251847	53.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	5.058	84	209295	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.698	65	103668	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.724	84	407164	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.685	67	132185	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	336430	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.177	79	42010	3.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.630	63	193337	66.094	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.180%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101722	4.741	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	119500	4.460	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
16) Methylene chloride	3.049	84	6740	0.367	ug/L	82
35) Methylcyclohexane	6.685	83	31029	1.116	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	13568	0.694	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3184	0.114	ug/L #	41
47) Tetrachloroethene	8.550	164	142730	9.895	ug/L	95
48) 2-Hexanone	8.692	43	20388	2.751	ug/L #	81
49) Dibromochloromethane	8.550	129	134689	8.925	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	16432	1.667	ug/L #	68

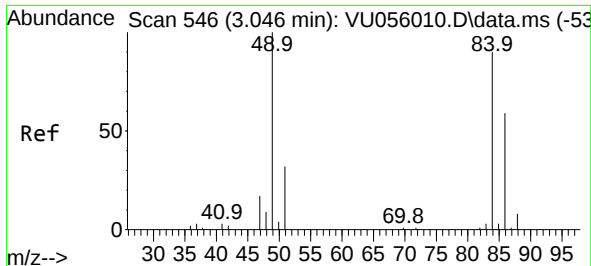
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
Data File : VU056020.D
Acq On : 31 Oct 2023 18:08
Operator : MD/SY
Sample : 05113-04DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

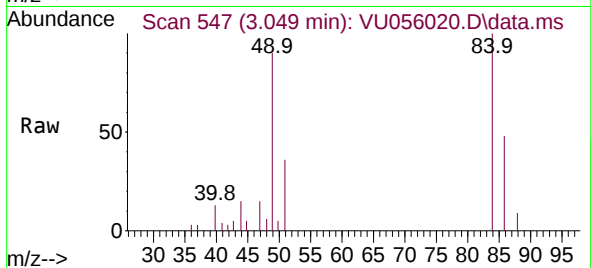
Quant Time: Nov 01 01:11:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 01 01:09:14 2023
Response via : Initial Calibration



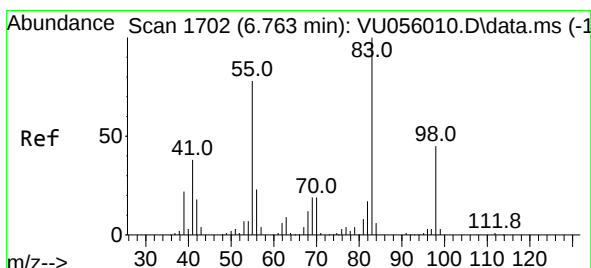
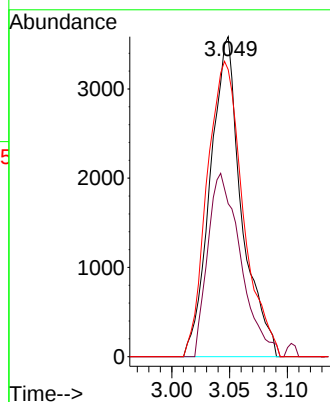
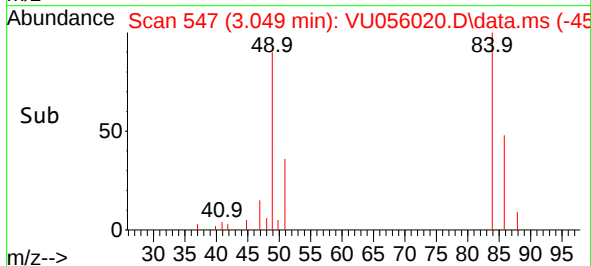


#16
Methylene chloride
Concen: 0.367 ug/L
RT: 3.049 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056020.D
Acq: 31 Oct 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :

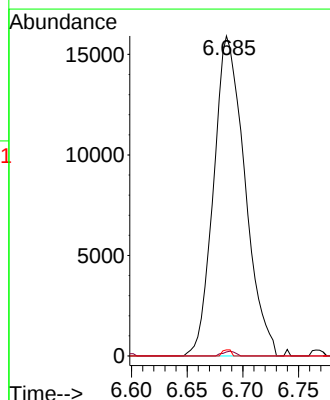
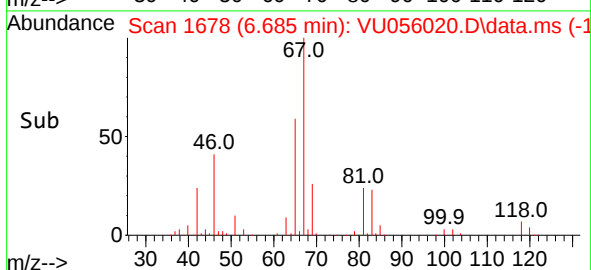
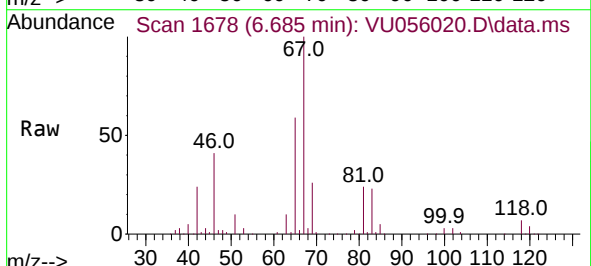


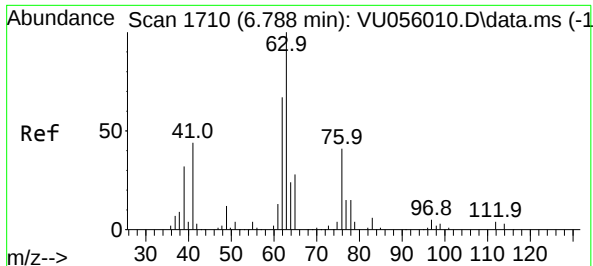
Tgt Ion: 84 Resp: 6740
Ion Ratio Lower Upper
84 100
86 47.8 45.2 84.0
49 94.9 78.8 146.3



#35
Methylcyclohexane
Concen: 1.116 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056020.D
Acq: 31 Oct 2023 18:08

Tgt Ion: 83 Resp: 31029
Ion Ratio Lower Upper
83 100
55 0.6 62.4 93.6#
98 0.5 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056020.D

Acq: 31 Oct 2023 18:08

Instrument :

MSVOA_U

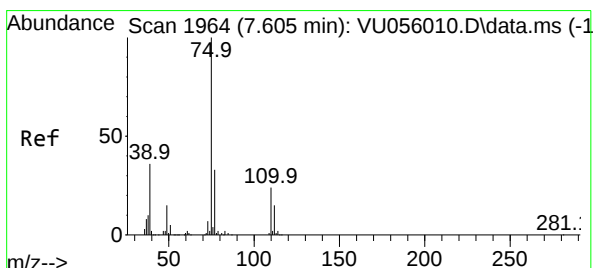
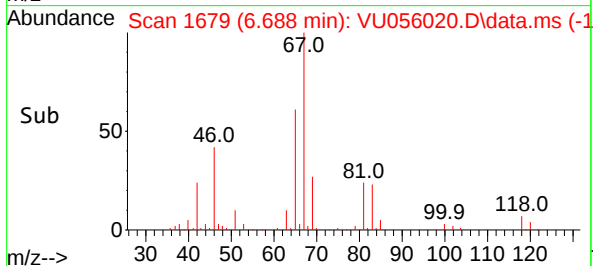
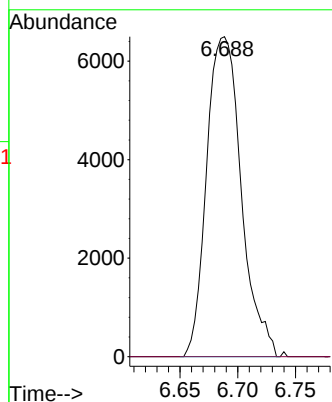
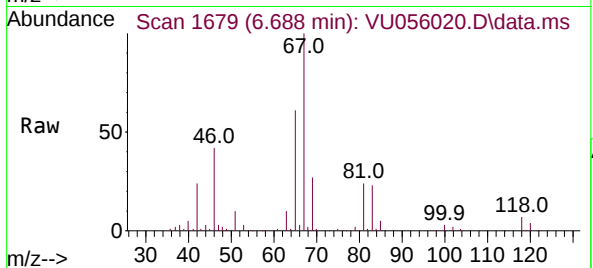
ClientSampleId :

Tgt Ion: 63 Resp: 13568

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU056020.D

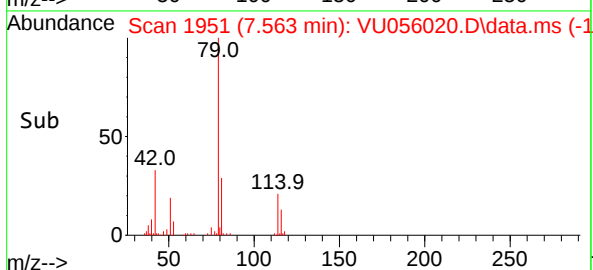
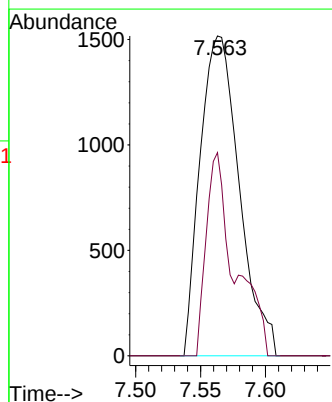
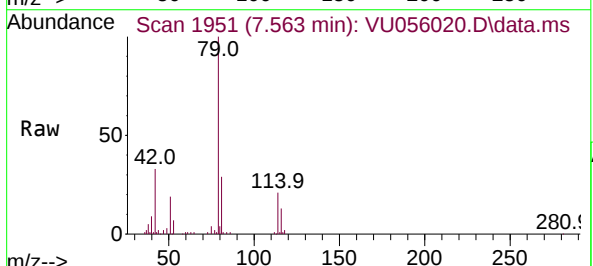
Acq: 31 Oct 2023 18:08

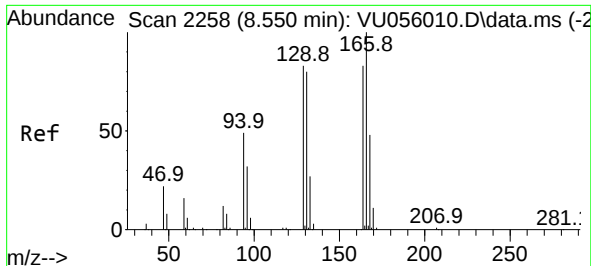
Tgt Ion: 75 Resp: 3184

Ion Ratio Lower Upper

75 100

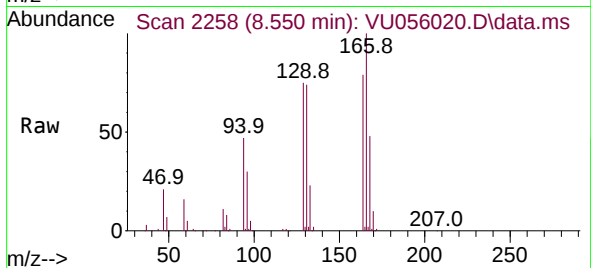
77 63.5 21.7 40.3#



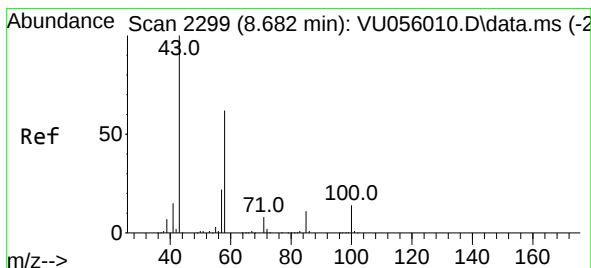
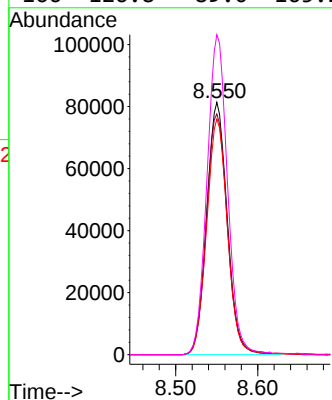
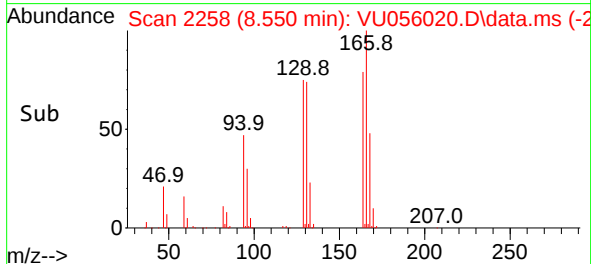


#47
Tetrachloroethene
Concen: 9.895 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056020.D
Acq: 31 Oct 2023 18:08

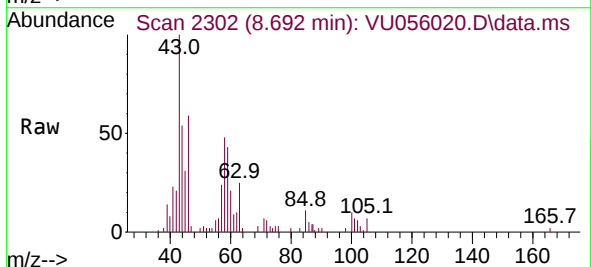
Instrument :
MSVOA_U
ClientSampleId :



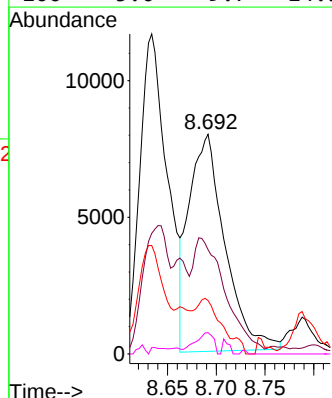
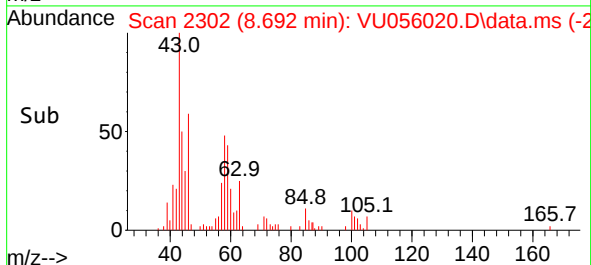
Tgt Ion:164 Resp: 142730
Ion Ratio Lower Upper
164 100
129 95.4 72.2 134.0
131 93.4 70.8 131.6
166 126.8 89.0 165.2

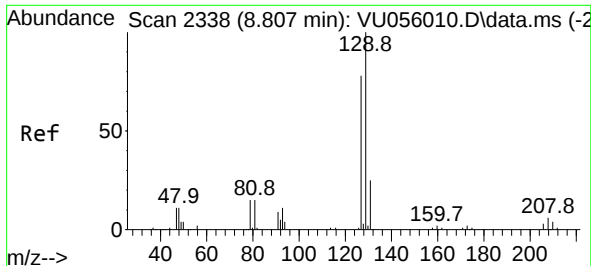


#48
2-Hexanone
Concen: 2.751 ug/L
RT: 8.692 min Scan# 2302
Delta R.T. 0.010 min
Lab File: VU056020.D
Acq: 31 Oct 2023 18:08



Tgt Ion: 43 Resp: 20388
Ion Ratio Lower Upper
43 100
58 44.1 49.5 74.3#
57 18.3 16.9 25.3
100 5.0 9.7 14.5#





#49

Dibromochloromethane

Concen: 8.925 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056020.D

Acq: 31 Oct 2023 18:08

Instrument :

MSVOA_U

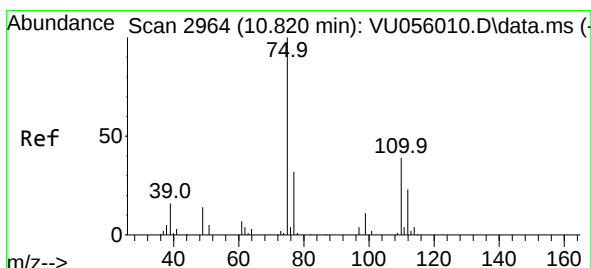
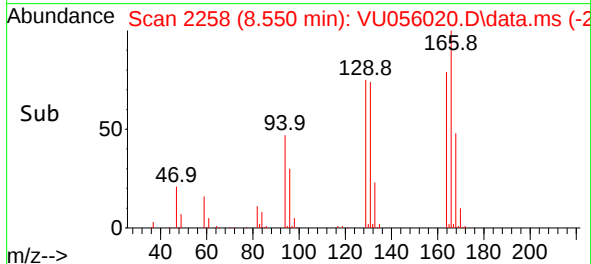
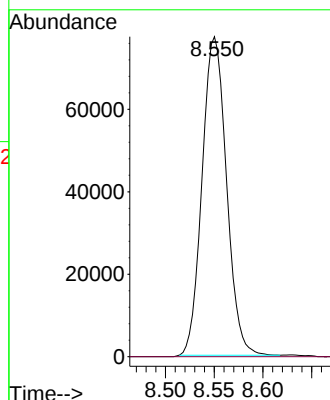
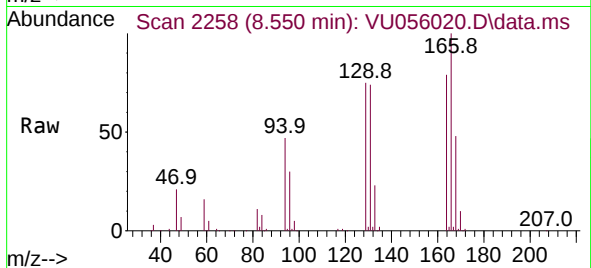
ClientSampleId :

Tgt Ion:129 Resp: 134689

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.667 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU056020.D

Acq: 31 Oct 2023 18:08

Tgt Ion: 75 Resp: 16432

Ion Ratio Lower Upper

75 100

110 2.2 29.0 43.6#

77 31.6 24.5 36.7

