

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056014.D
 Acq On : 31 Oct 2023 15:09
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:10:31 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)

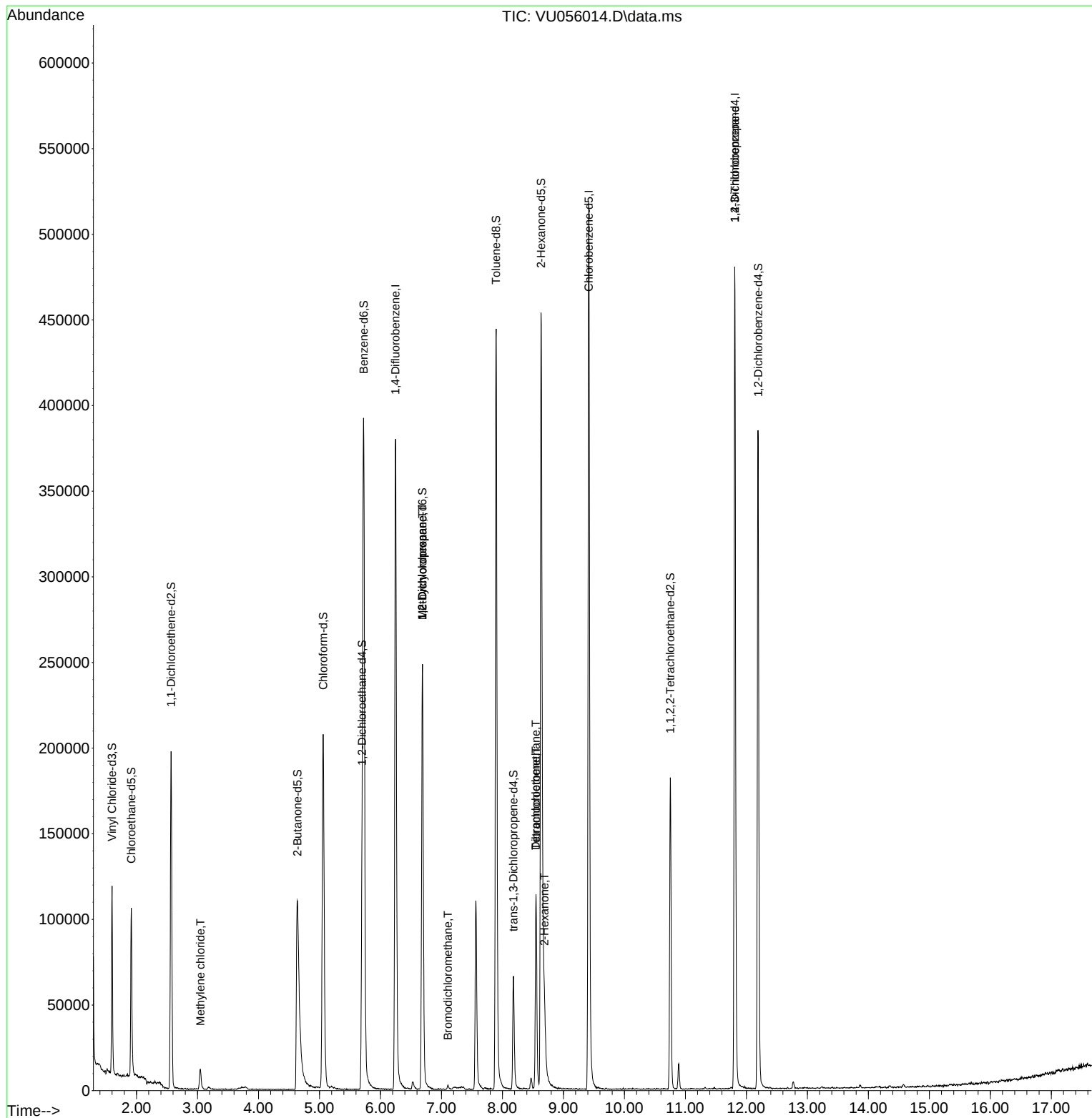
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	330468	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	321447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	134233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80837	3.092	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.914	69	78741	3.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.566	65	36428	3.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.637	46	224128	48.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	5.062	84	205215	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.698	65	99225	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.724	84	397906	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.689	67	127504	4.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.897	98	324221	3.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.180	79	42075	3.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.634	63	162837	57.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94164	4.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	106429	4.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
16) Methylene chloride	3.049	84	6482	0.357	ug/L	96
35) Methylcyclohexane	6.689	83	30012	1.121	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13317	0.707	ug/L #	89
38) Bromodichloromethane	7.106	83	1935	0.082	ug/L #	82
47) Tetrachloroethene	8.550	164	27439	1.975	ug/L	95
48) 2-Hexanone	8.688	43	22527	3.155	ug/L #	88
49) Dibromochloromethane	8.550	129	27031	1.859	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	15646	1.698	ug/L #	67

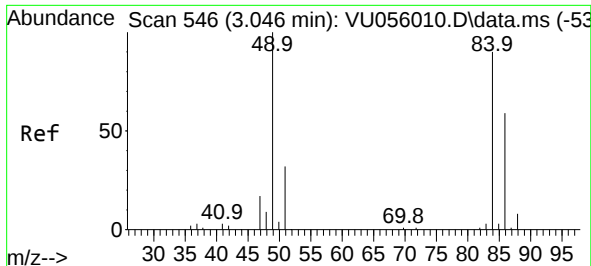
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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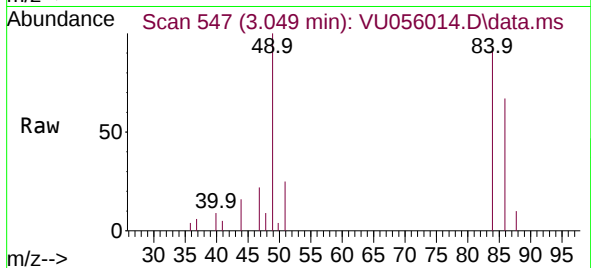
Quant Time: Nov 01 01:10:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
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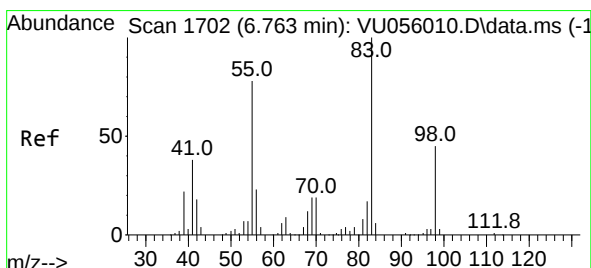
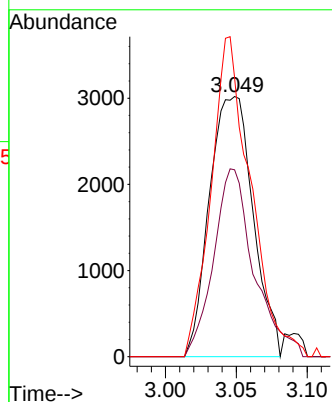
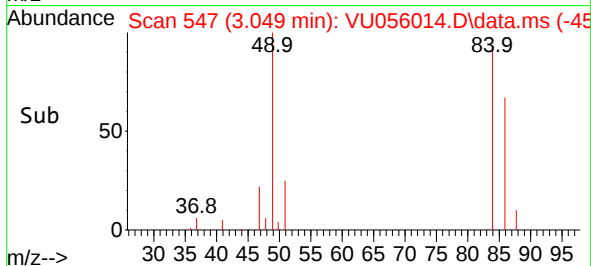


#16
Methylene chloride
Concen: 0.357 ug/L
RT: 3.049 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU056014.D
Acq: 31 Oct 2023 15:09

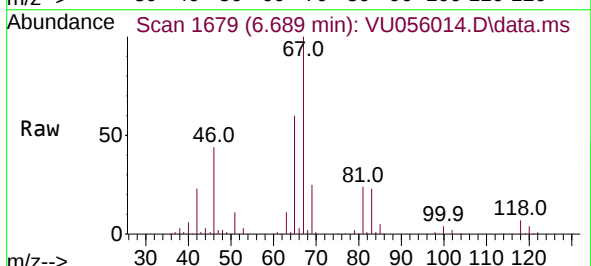
Instrument :
MSVOA_U
ClientSampleId :



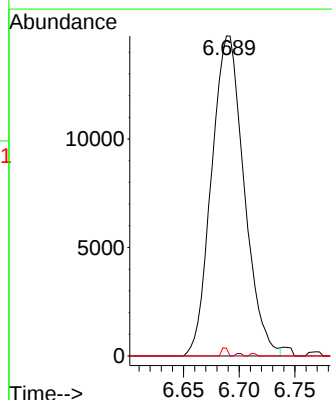
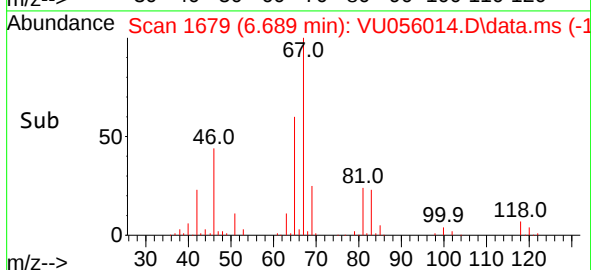
Tgt Ion: 84 Resp: 6482
Ion Ratio Lower Upper
84 100
86 71.8 45.2 84.0
49 111.6 78.8 146.3

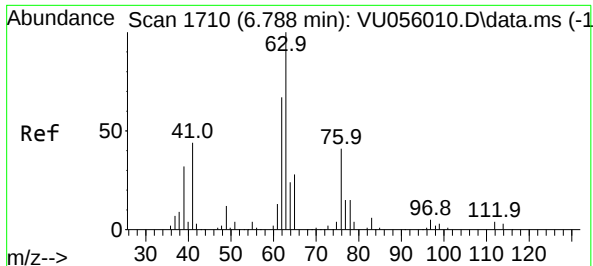


#35
Methylcyclohexane
Concen: 1.121 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056014.D
Acq: 31 Oct 2023 15:09



Tgt Ion: 83 Resp: 30012
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.5 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.707 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056014.D

Acq: 31 Oct 2023 15:09

Instrument :

MSVOA_U

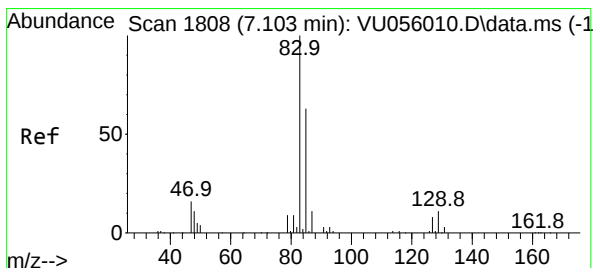
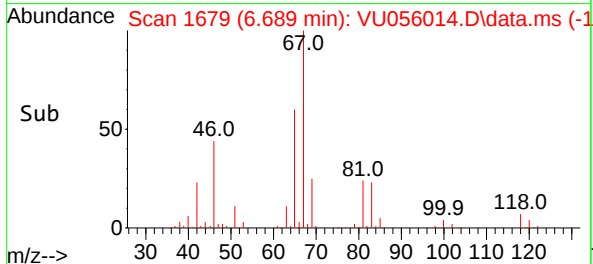
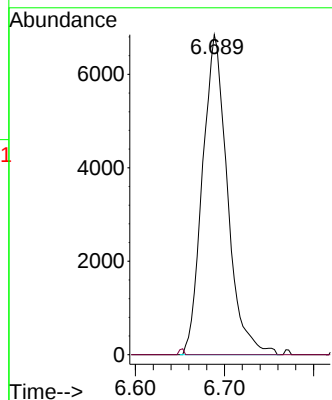
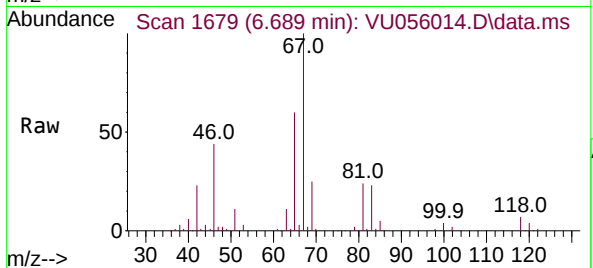
ClientSampleId :

Tgt Ion: 63 Resp: 13317

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#38

Bromodichloromethane

Concen: 0.082 ug/L

RT: 7.106 min Scan# 1809

Delta R.T. 0.003 min

Lab File: VU056014.D

Acq: 31 Oct 2023 15:09

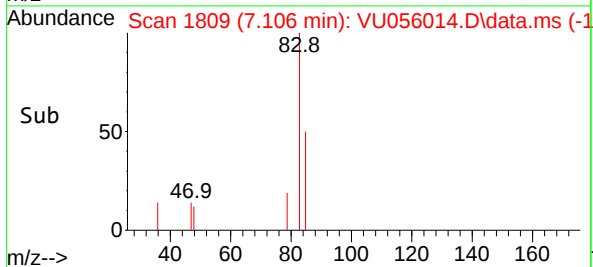
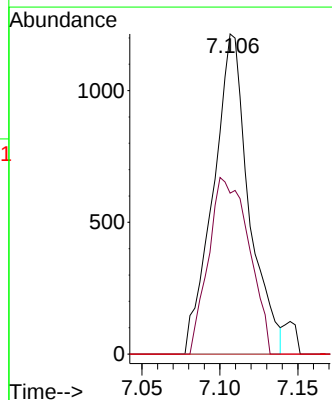
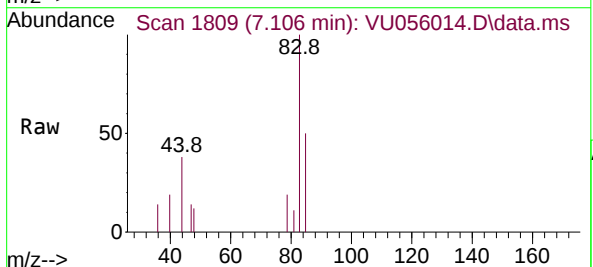
Tgt Ion: 83 Resp: 1935

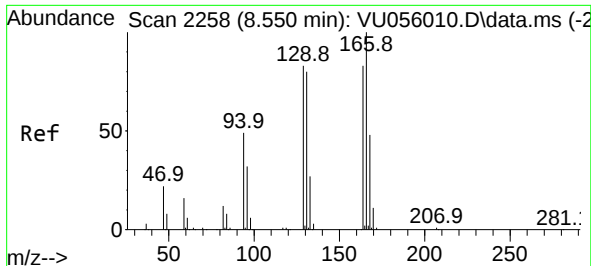
Ion Ratio Lower Upper

83 100

85 50.3 44.9 83.3

127 0.0 6.6 9.8#





#47

Tetrachloroethene

Concen: 1.975 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

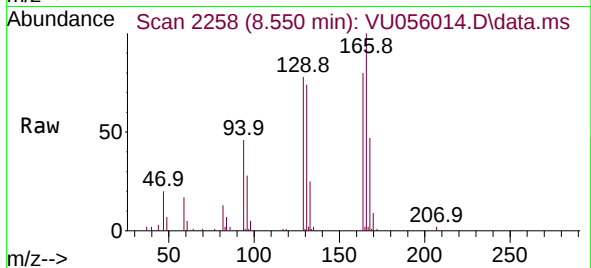
Lab File: VU056014.D

Acq: 31 Oct 2023 15:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 27439

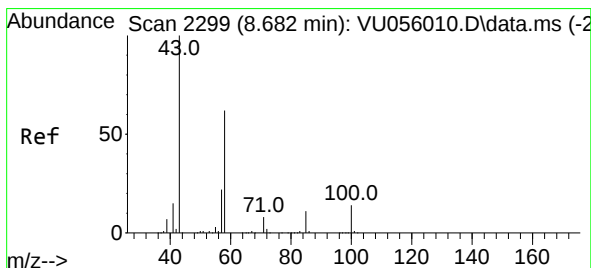
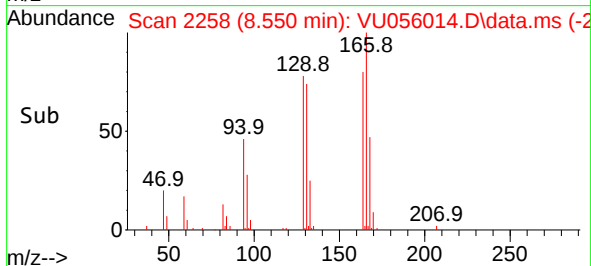
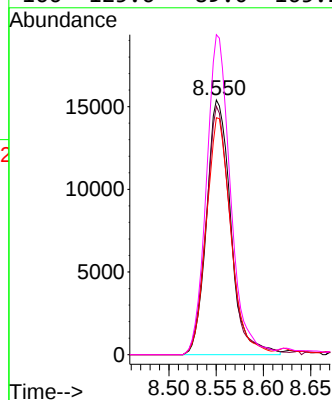
Ion Ratio Lower Upper

164 100

129 97.4 72.2 134.0

131 93.0 70.8 131.6

166 125.6 89.0 165.2



#48

2-Hexanone

Concen: 3.155 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU056014.D

Acq: 31 Oct 2023 15:09

Tgt Ion: 43 Resp: 22527

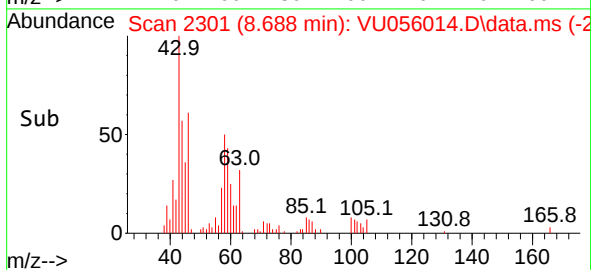
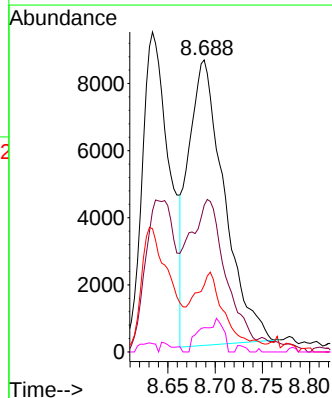
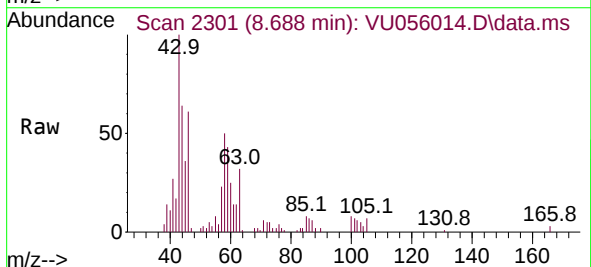
Ion Ratio Lower Upper

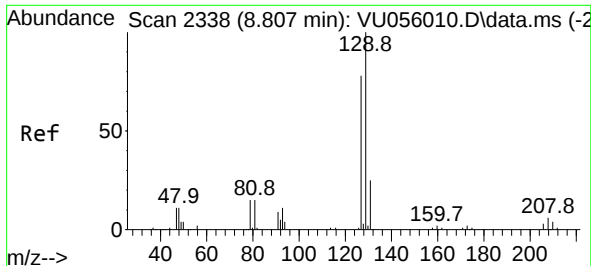
43 100

58 50.3 49.5 74.3

57 20.7 16.9 25.3

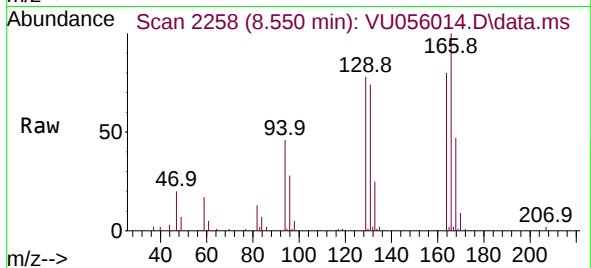
100 7.2 9.7 14.5#



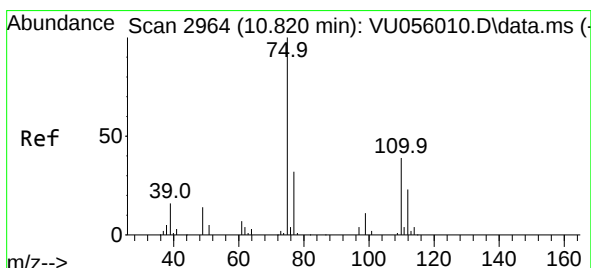
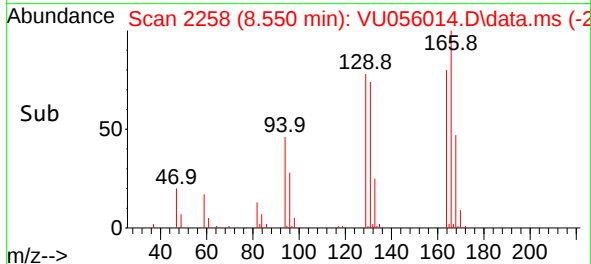
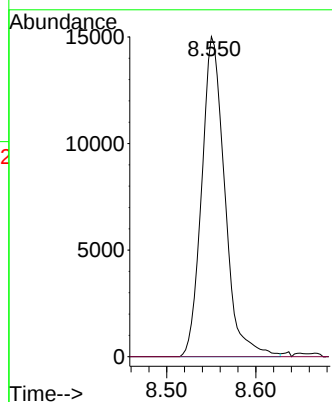


#49
Dibromochloromethane
Concen: 1.859 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056014.D
Acq: 31 Oct 2023 15:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 27031
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.698 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056014.D
Acq: 31 Oct 2023 15:09

Tgt Ion: 75 Resp: 15646
Ion Ratio Lower Upper
75 100
110 0.8 29.0 43.6#
77 31.3 24.5 36.7

