

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056023.D
 Acq On : 31 Oct 2023 19:20
 Operator : MD/SY
 Sample : 05114-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:12:42 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)

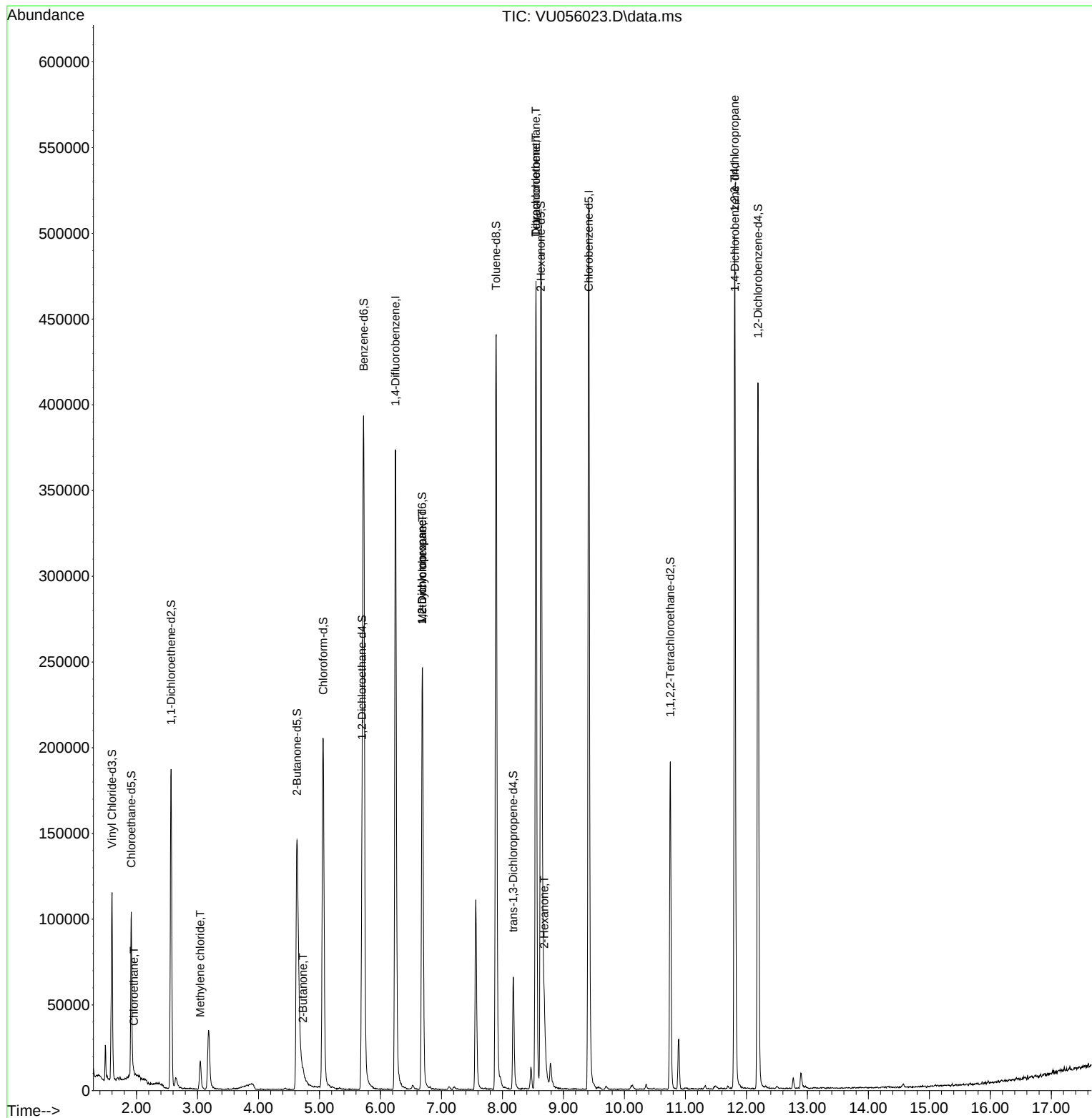
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	321654	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	313279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	140703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	77603	3.050	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.914	69	75463	3.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.567	65	36746	3.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.631	46	238713	52.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.180%
24) Chloroform-d	5.062	84	201931	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.698	65	100444	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.724	84	387980	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.685	67	126350	4.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.898	98	324885	3.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.177	79	42048	3.886	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.631	63	183416	66.781	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.560%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98091	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	117669	4.482	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
8) Chloroethane	1.959	64	3180	0.281	ug/L	84
16) Methylene chloride	3.046	84	9263	0.524	ug/L	95
21) 2-Butanone	4.727	43	6770	1.780	ug/L #	70
35) Methylcyclohexane	6.689	83	30155	1.155	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12929	0.704	ug/L #	89
47) Tetrachloroethene	8.550	164	106939	7.896	ug/L	98
48) 2-Hexanone	8.685	43	18453	2.652	ug/L #	88
49) Dibromochloromethane	8.550	129	106257	7.499	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14891	1.542	ug/L #	64

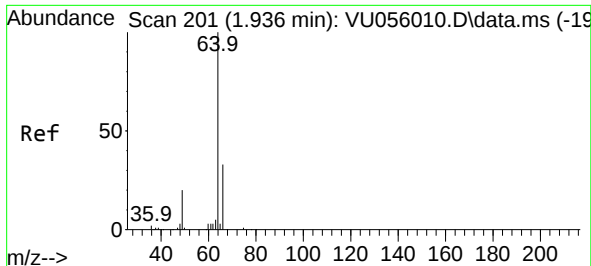
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 01 01:09:14 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.281 ug/L

RT: 1.959 min Scan# 201

Delta R.T. 0.023 min

Lab File: VU056023.D

Acq: 31 Oct 2023 19:20

Instrument :

MSVOA_U

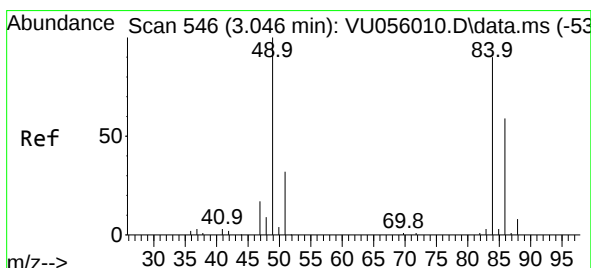
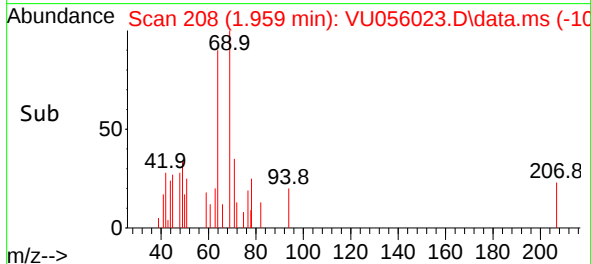
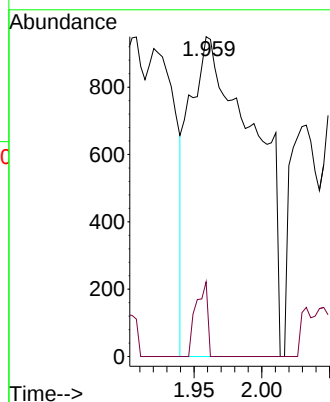
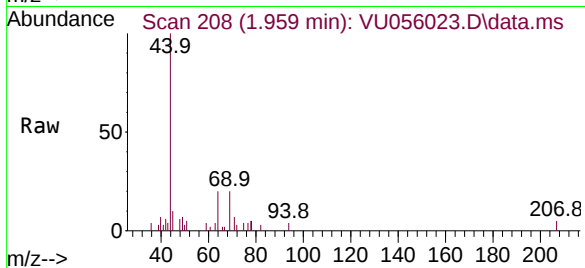
ClientSampleId :

Tgt Ion: 64 Resp: 3180

Ion Ratio Lower Upper

64 100

66 23.4 22.7 42.1



#16

Methylene chloride

Concen: 0.524 ug/L

RT: 3.046 min Scan# 546

Delta R.T. 0.000 min

Lab File: VU056023.D

Acq: 31 Oct 2023 19:20

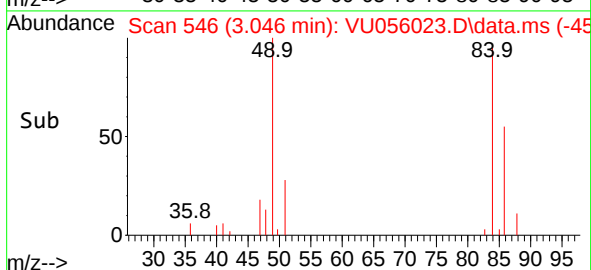
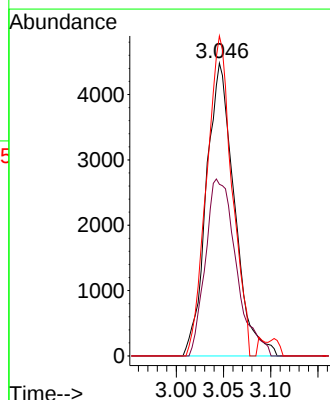
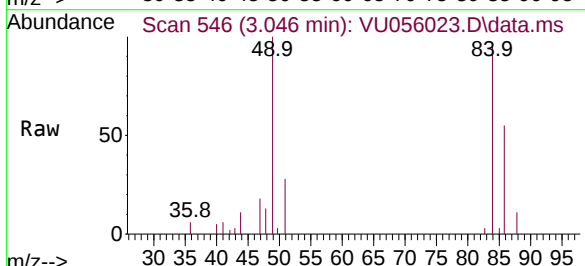
Tgt Ion: 84 Resp: 9263

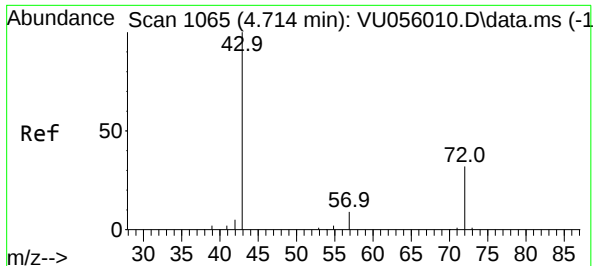
Ion Ratio Lower Upper

84 100

86 58.6 45.2 84.0

49 109.3 78.8 146.3





#21

2-Butanone

Concen: 1.780 ug/L

RT: 4.727 min Scan# 1069

Delta R.T. 0.013 min

Lab File: VU056023.D

Acq: 31 Oct 2023 19:20

Instrument :

MSVOA_U

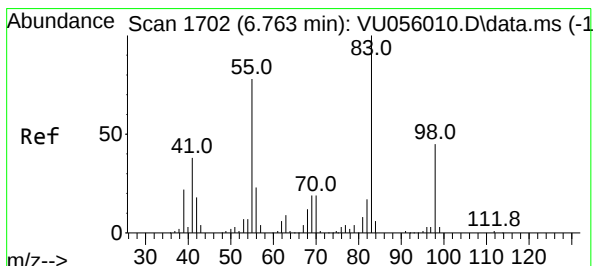
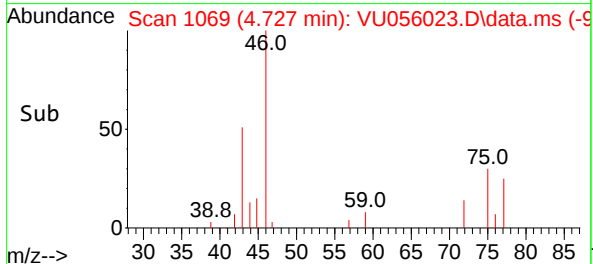
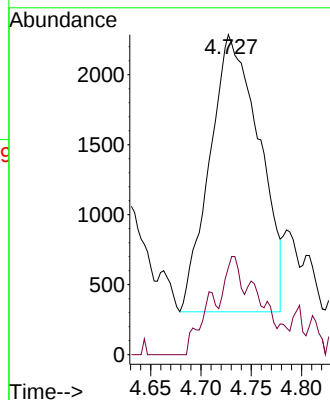
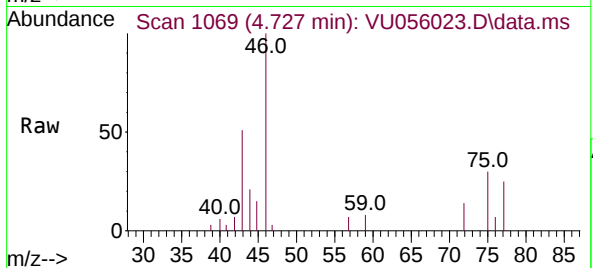
ClientSampleId :

Tgt Ion: 43 Resp: 6770

Ion Ratio Lower Upper

43 100

72 12.8 14.4 43.4#



#35

Methylcyclohexane

Concen: 1.155 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU056023.D

Acq: 31 Oct 2023 19:20

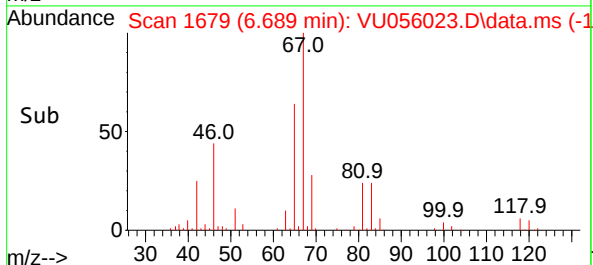
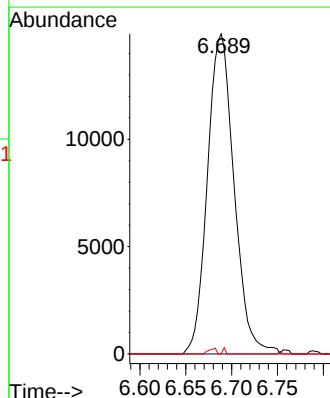
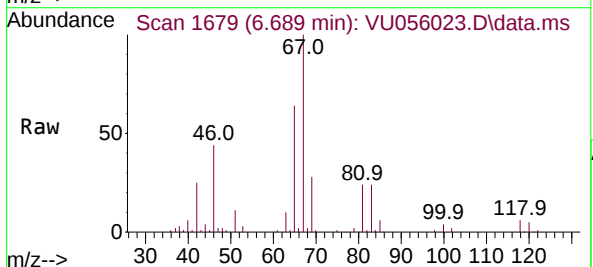
Tgt Ion: 83 Resp: 30155

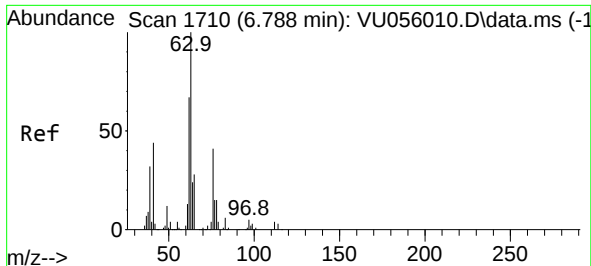
Ion Ratio Lower Upper

83 100

55 0.1 62.4 93.6#

98 0.2 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.704 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056023.D

Acq: 31 Oct 2023 19:20

Instrument :

MSVOA_U

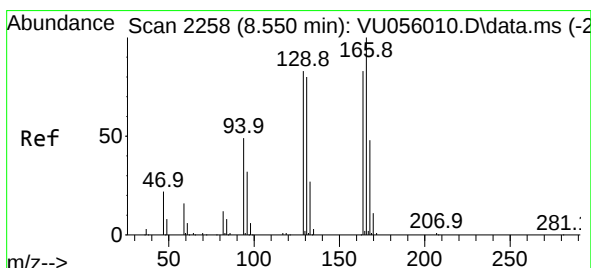
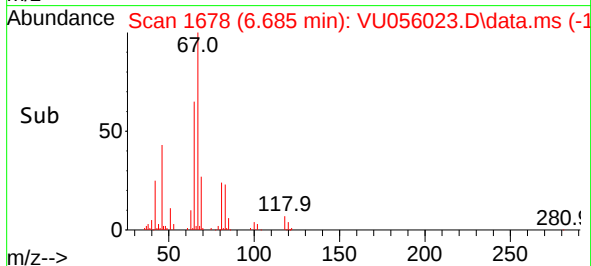
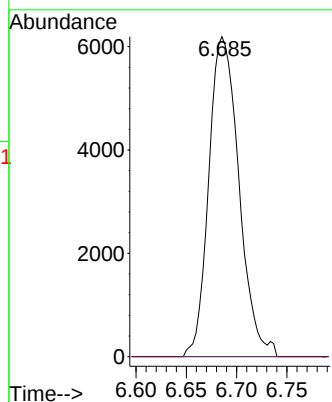
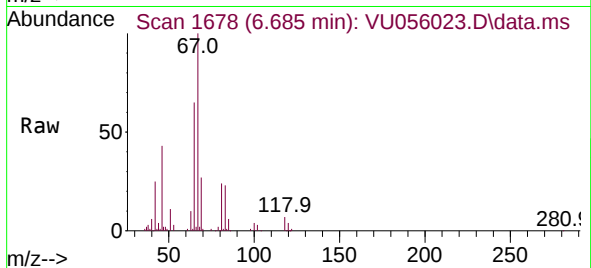
ClientSampleId :

Tgt Ion: 63 Resp: 12929

Ion Ratio Lower Upper

63 100

112 0.2 3.1 4.7#



#47

Tetrachloroethene

Concen: 7.896 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056023.D

Acq: 31 Oct 2023 19:20

Tgt Ion:164 Resp: 106939

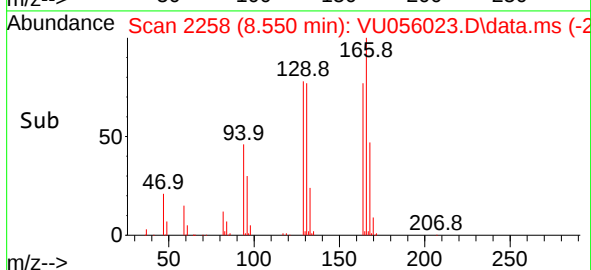
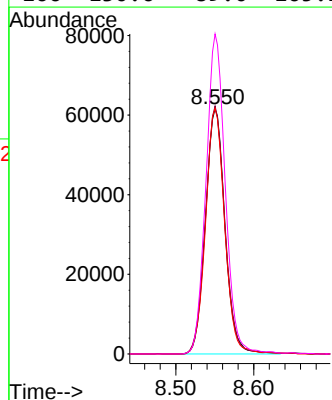
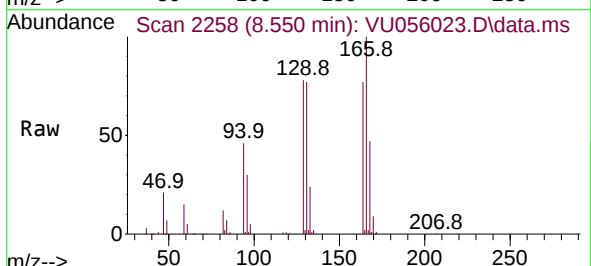
Ion Ratio Lower Upper

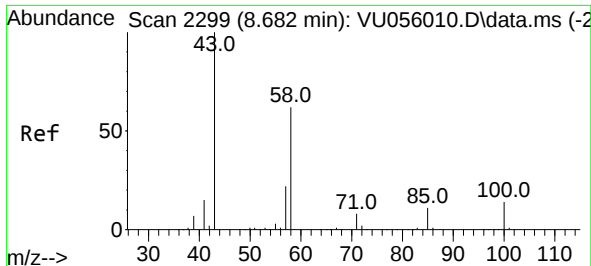
164 100

129 101.2 72.2 134.0

131 100.2 70.8 131.6

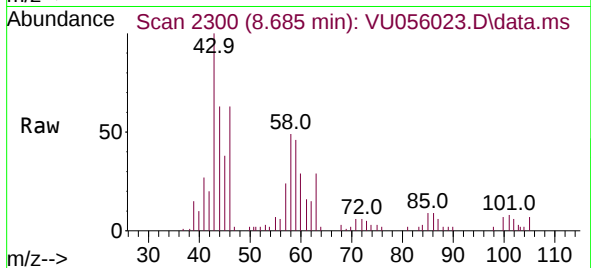
166 130.6 89.0 165.2



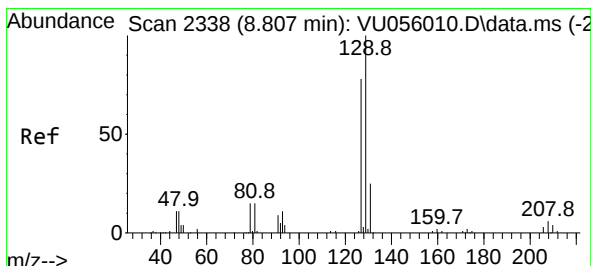
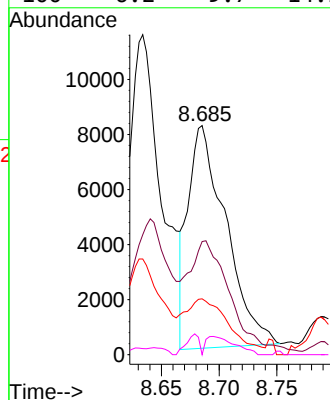
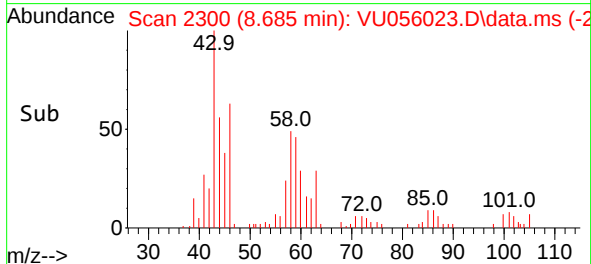


#48
2-Hexanone
Concen: 2.652 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056023.D
Acq: 31 Oct 2023 19:20

Instrument :
MSVOA_U
ClientSampleId :

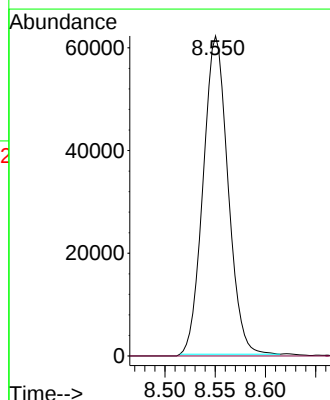
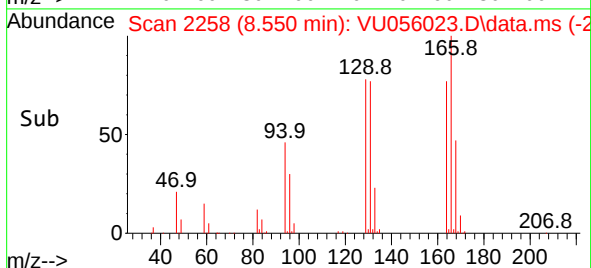
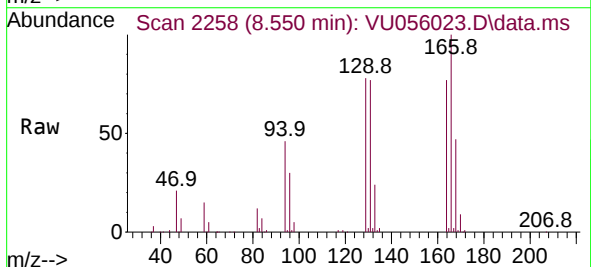


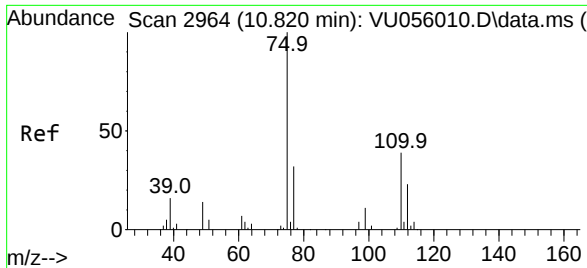
Tgt Ion: 43 Resp: 18453
Ion Ratio Lower Upper
43 100
58 54.3 49.5 74.3
57 29.7 16.9 25.3#
100 6.2 9.7 14.5#



#49
Dibromochloromethane
Concen: 7.499 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056023.D
Acq: 31 Oct 2023 19:20

Tgt Ion: 129 Resp: 106257
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.542 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056023.D
Acq: 31 Oct 2023 19:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 14891
Ion Ratio Lower Upper
75 100
110 1.8 29.0 43.6#
77 35.6 24.5 36.7

