

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056021.D
 Acq On : 31 Oct 2023 18:32
 Operator : MD/SY
 Sample : 05113-12DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:12:12 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)

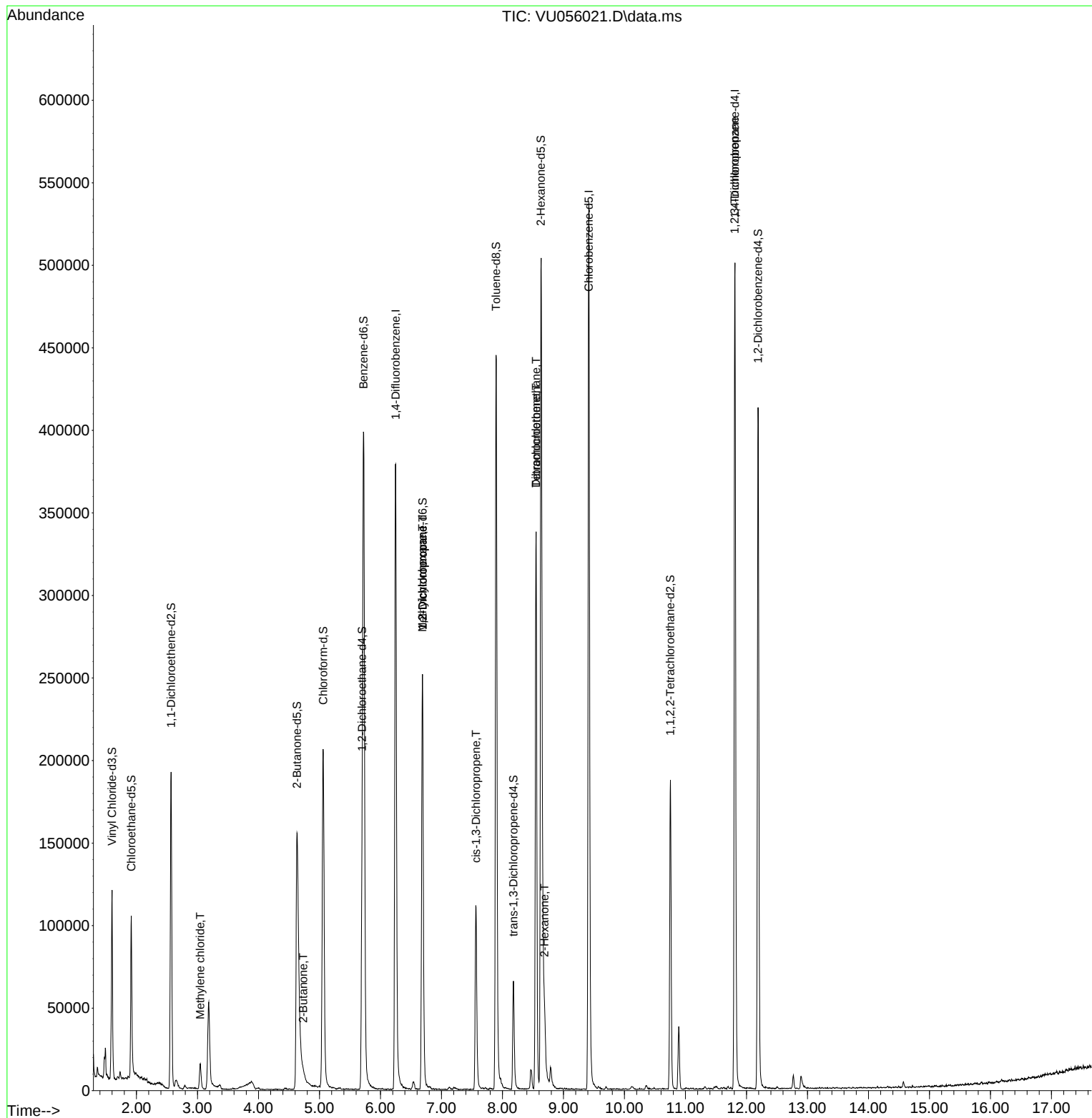
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	328581	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	323742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	144284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80077	3.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.914	69	73541	3.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.567	65	37456	3.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.631	46	235762	50.844	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.680%
24) Chloroform-d	5.059	84	200061	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.698	65	100344	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.724	84	400807	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.689	67	130526	4.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.894	98	321945	3.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.181	79	41122	3.678	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.631	63	179352	63.191	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.380%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98047	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	115883	4.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	8385	0.465	ug/L	91
21) 2-Butanone	4.731	43	6171	1.589	ug/L	75
35) Methylcyclohexane	6.685	83	30048	1.114	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	14011	0.739	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	3446	0.128	ug/L #	68
47) Tetrachloroethene	8.550	164	78985	5.643	ug/L	98
48) 2-Hexanone	8.689	43	20326	2.827	ug/L #	87
49) Dibromochloromethane	8.550	129	76033	5.193	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	16492	1.665	ug/L #	69

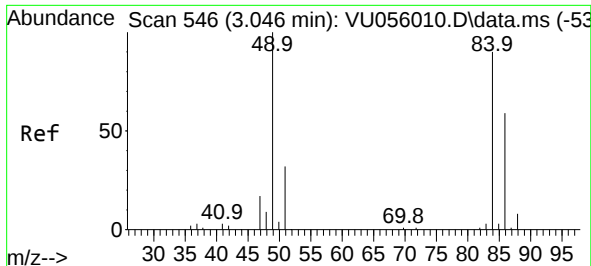
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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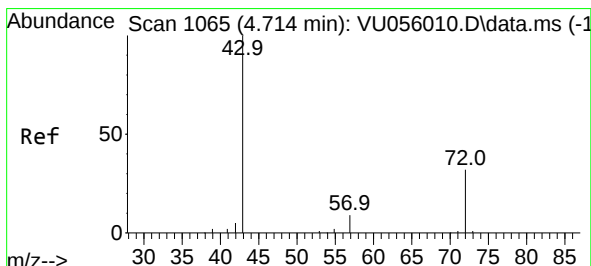
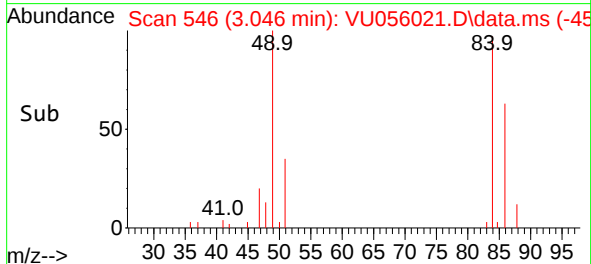
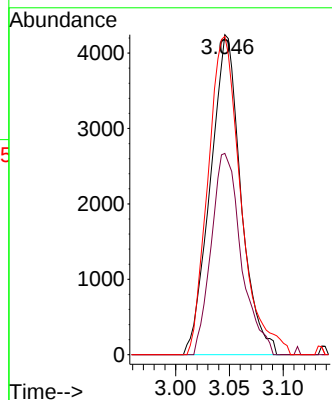
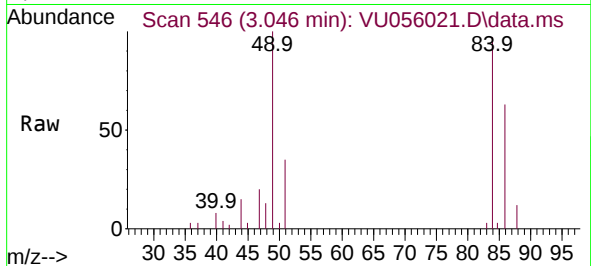




#16
Methylene chloride
Concen: 0.465 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056021.D
Acq: 31 Oct 2023 18:32

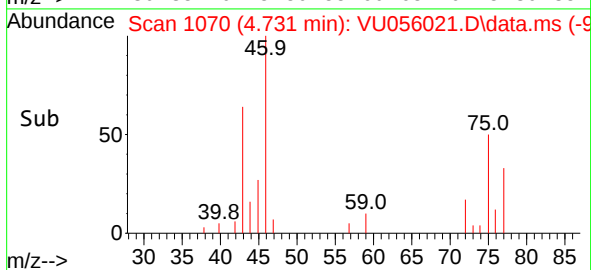
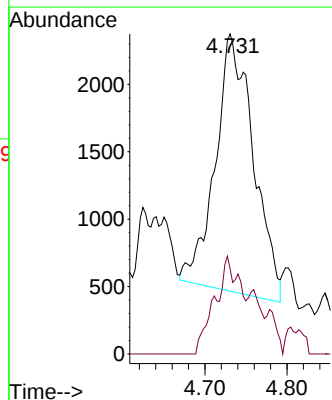
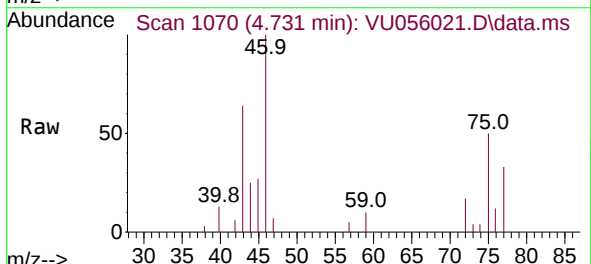
Instrument :
MSVOA_U
ClientSampleId :

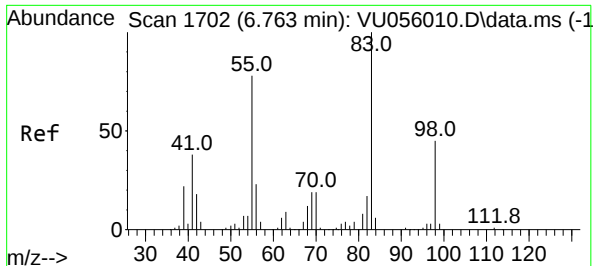
Tgt Ion: 84 Resp: 8385
Ion Ratio Lower Upper
84 100
86 62.9 45.2 84.0
49 99.5 78.8 146.3



#21
2-Butanone
Concen: 1.589 ug/L
RT: 4.731 min Scan# 1070
Delta R.T. 0.016 min
Lab File: VU056021.D
Acq: 31 Oct 2023 18:32

Tgt Ion: 43 Resp: 6171
Ion Ratio Lower Upper
43 100
72 15.4 14.4 43.4

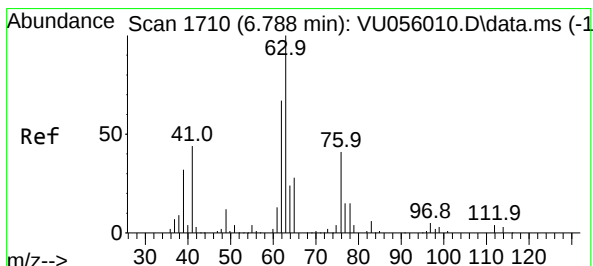
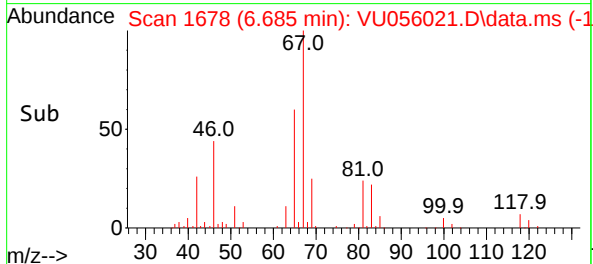
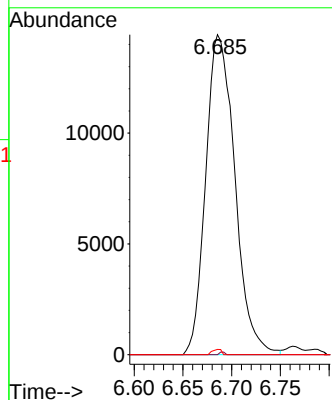
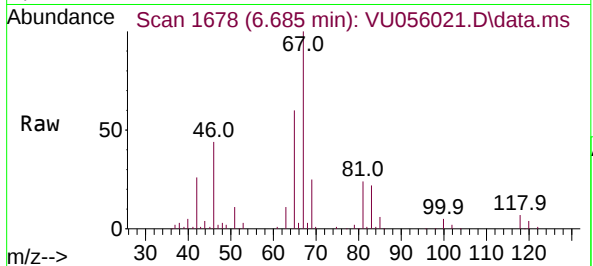




#35
Methylcyclohexane
Concen: 1.114 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056021.D
Acq: 31 Oct 2023 18:32

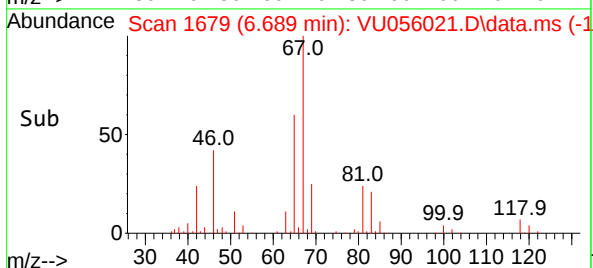
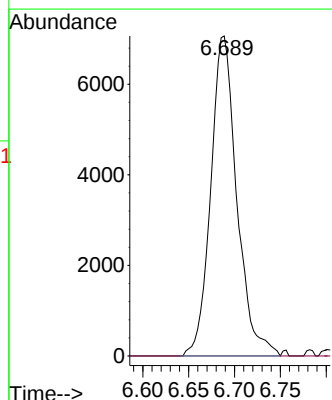
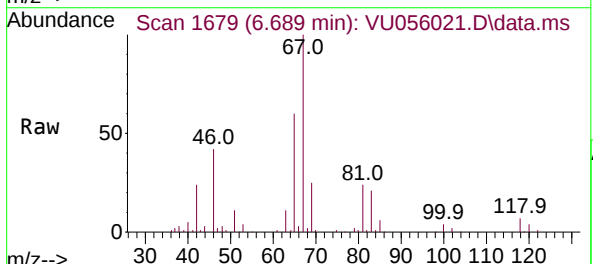
Instrument :
MSVOA_U
ClientSampleId :

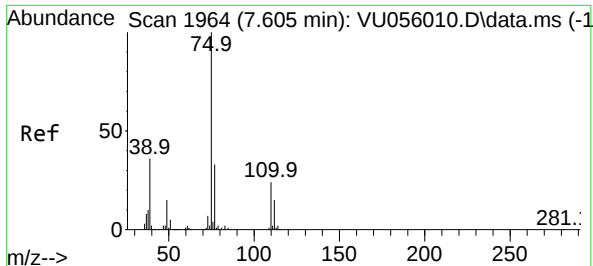
Tgt Ion: 83 Resp: 30048
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.5 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.739 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU056021.D
Acq: 31 Oct 2023 18:32

Tgt Ion: 63 Resp: 14011
Ion Ratio Lower Upper
63 100
112 0.1 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.038 min

Lab File: VU056021.D

Acq: 31 Oct 2023 18:32

Instrument :

MSVOA_U

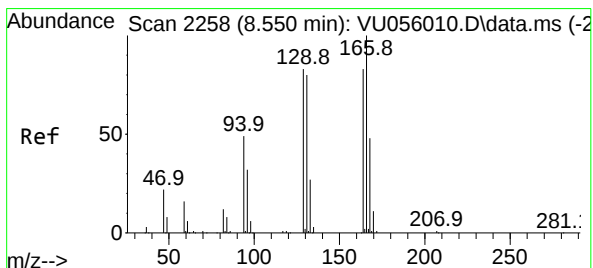
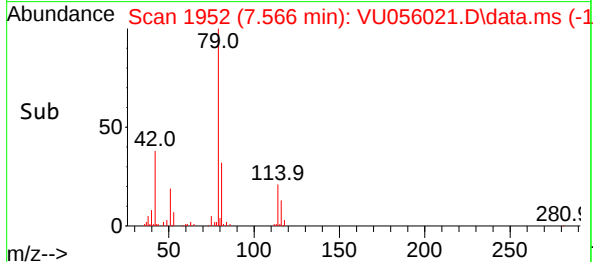
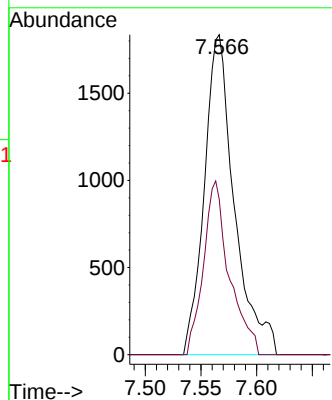
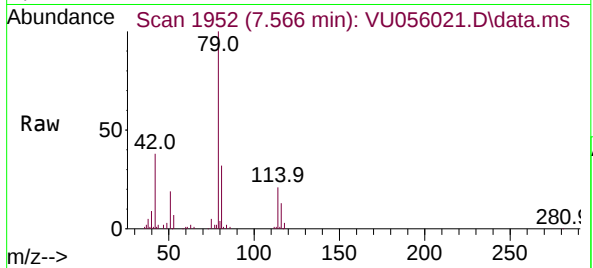
ClientSampleId :

Tgt Ion: 75 Resp: 3446

Ion Ratio Lower Upper

75 100

77 48.5 21.7 40.3#



#47

Tetrachloroethene

Concen: 5.643 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056021.D

Acq: 31 Oct 2023 18:32

Tgt Ion:164 Resp: 78985

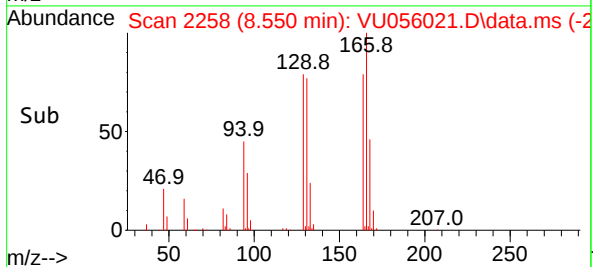
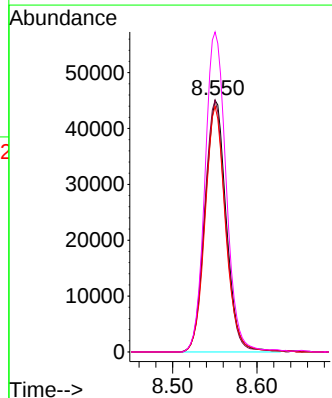
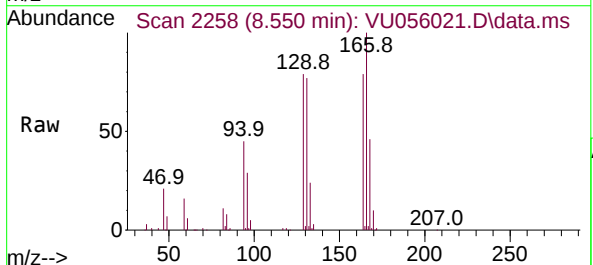
Ion Ratio Lower Upper

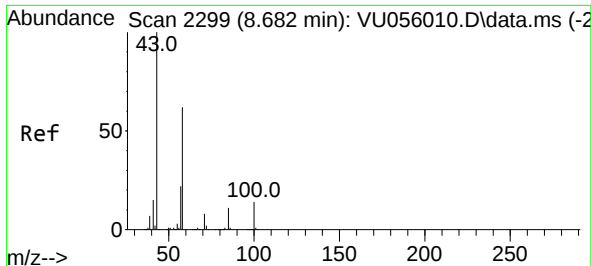
164 100

129 99.9 72.2 134.0

131 97.6 70.8 131.6

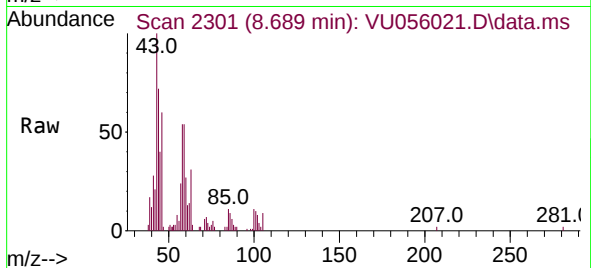
166 127.1 89.0 165.2



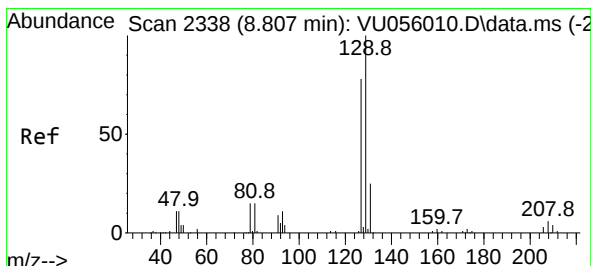
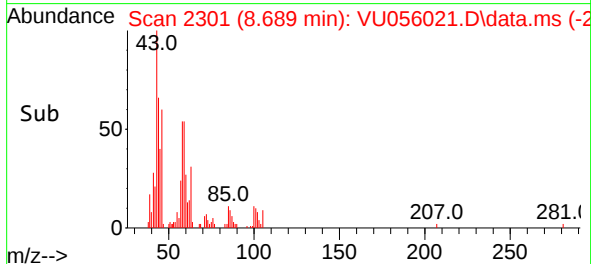
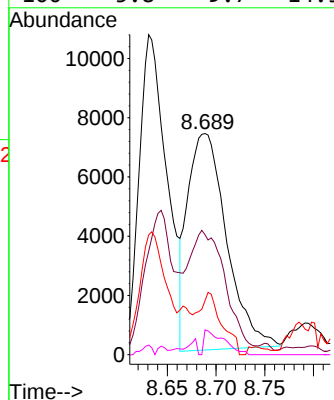


#48
2-Hexanone
Concen: 2.827 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU056021.D
Acq: 31 Oct 2023 18:32

Instrument :
MSVOA_U
ClientSampleId :

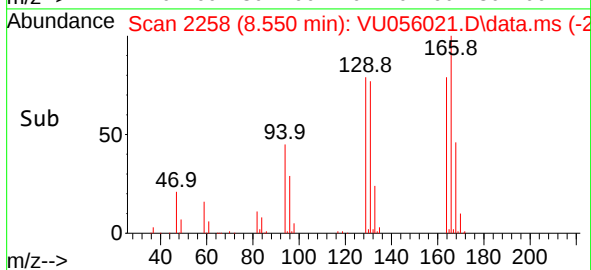
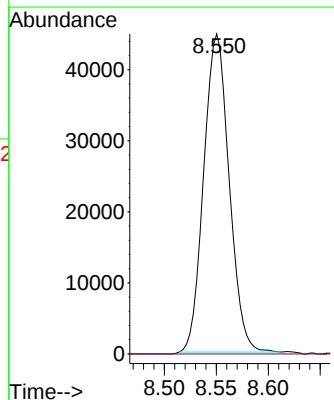
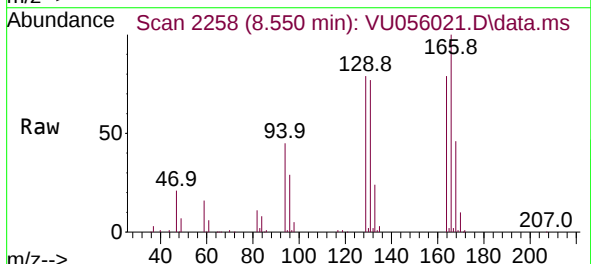


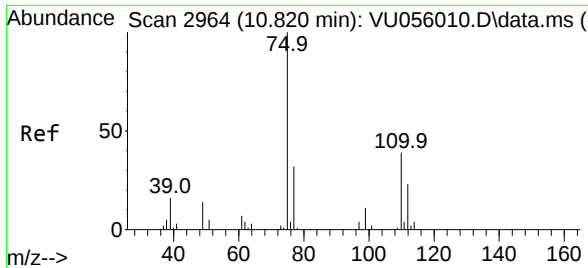
Tgt Ion: 43	Resp: 20326
Ion Ratio	Lower Upper
43 100	
58 51.7	49.5 74.3
57 15.8	16.9 25.3#
100 5.8	9.7 14.5#



#49
Dibromochloromethane
Concen: 5.193 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056021.D
Acq: 31 Oct 2023 18:32

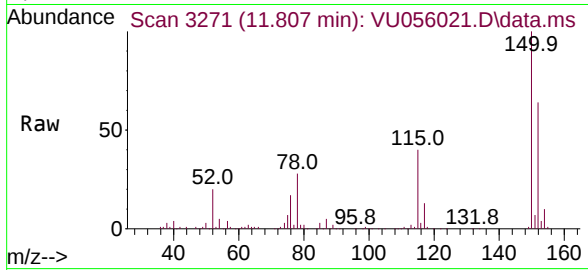
Tgt Ion:129	Resp: 76033		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.5	99.5#	





#61
1,2,3-Trichloropropane
Concen: 1.665 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056021.D
Acq: 31 Oct 2023 18:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 16492
Ion Ratio Lower Upper
75 100
110 3.0 29.0 43.6#
77 31.4 24.5 36.7

