

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056524.D
 Acq On : 20 Nov 2023 14:01
 Operator : MD/SY
 Sample : 05411-17RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:40:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

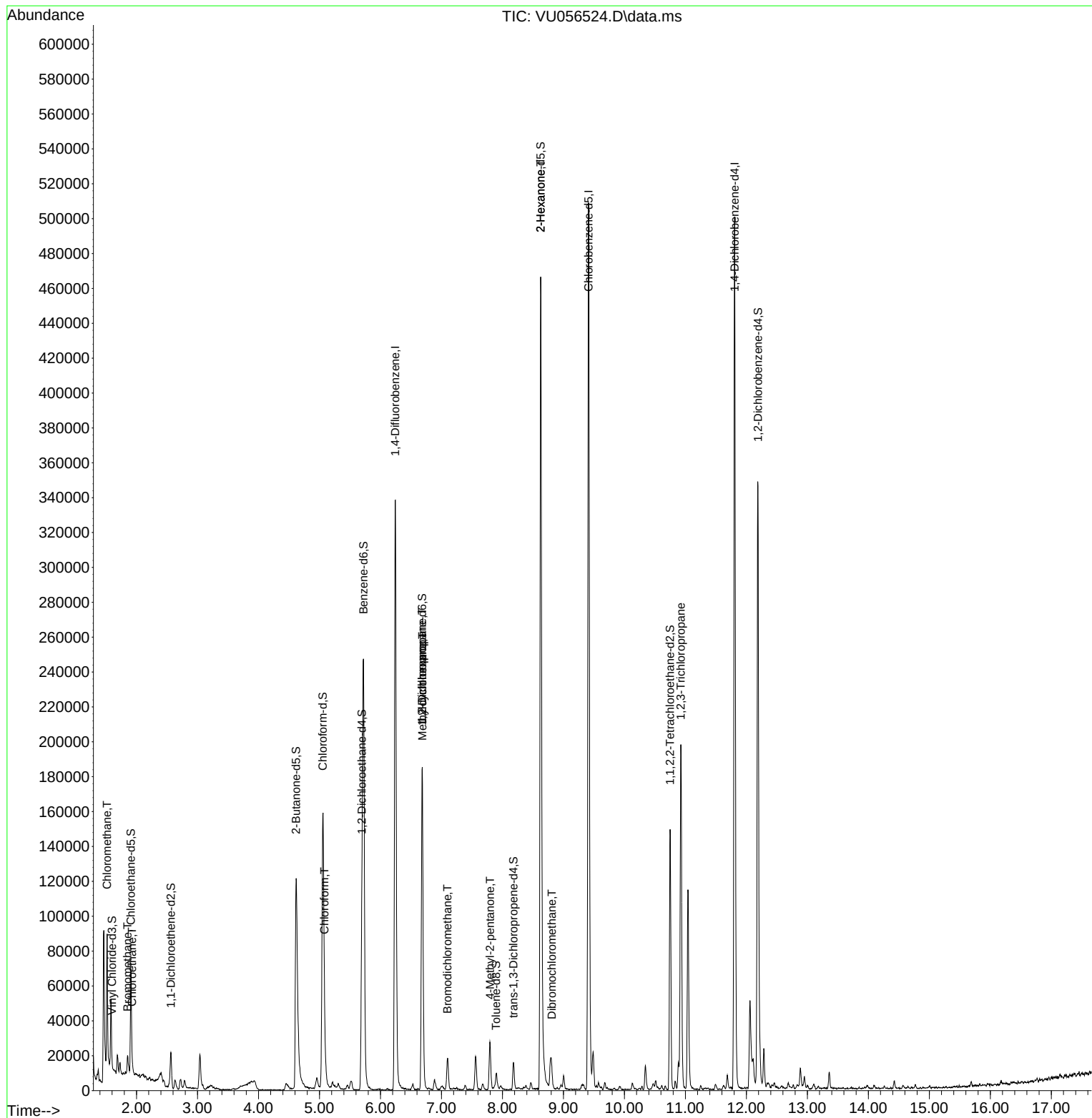
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	276534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	291674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	266	0.013	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.907	69	41344	2.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	52.200%#
11) 1,1-Dichloroethene-d2	2.563	65	3970	0.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	8.600%#
20) 2-Butanone-d5	4.618	46	189517	45.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.900%
24) Chloroform-d	5.055	84	145301	3.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.695	65	72421	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	5.721	84	241283	2.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.600%#
36) 1,2-Dichloropropane-d6	6.682	67	90195	3.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.894	98	3884	0.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1.000%#
43) trans-1,3-Dichloroprop...	8.180	79	6636	0.661	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	13.200%#
46) 2-Hexanone-d5	8.627	63	162911	41.270	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73031	3.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	89635	3.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	50318	2.247	ug/L	96
6) Bromomethane	1.853	94	3978	0.364	ug/L	100
8) Chloroethane	1.927	64	2645	0.201	ug/L #	62
25) Chloroform	5.081	83	20482	0.548	ug/L	94
35) Methylcyclohexane	6.689	83	20785	0.635	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	10505	0.484	ug/L #	89
38) Bromodichloromethane	7.100	83	10893	0.389	ug/L	98
40) 4-Methyl-2-pentanone	7.798	43	15219	1.415	ug/L #	42
48) 2-Hexanone	8.627	43	20738	2.474	ug/L #	71
49) Dibromochloromethane	8.807	129	5256	0.320	ug/L	95
61) 1,2,3-Trichloropropane	10.923	75	2552	0.232	ug/L #	67

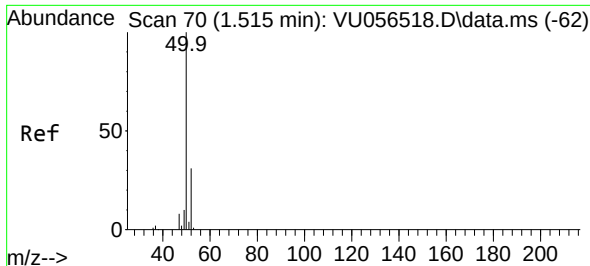
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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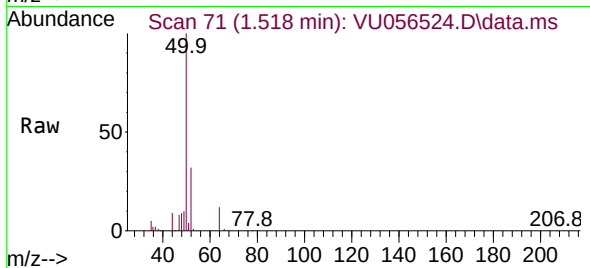
Quant Time: Nov 21 00:40:25 2023
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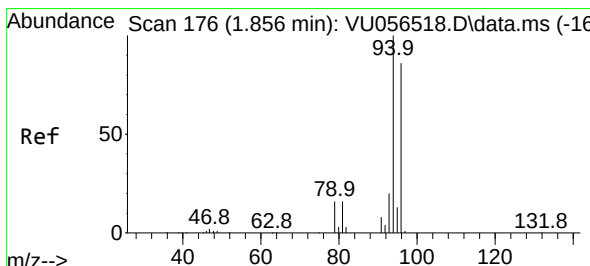
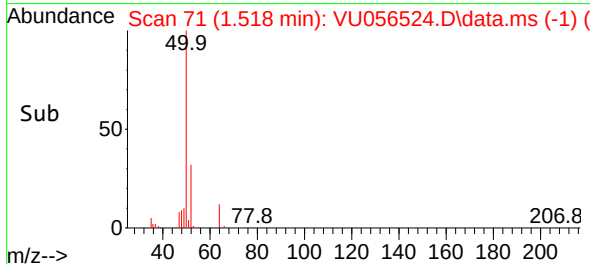
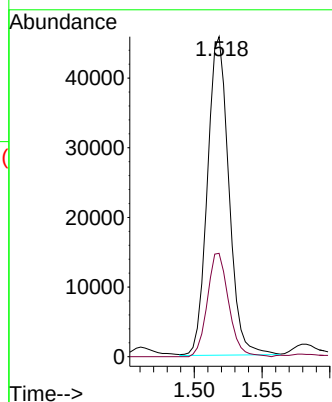


#3
Chloromethane
Concen: 2.247 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

Instrument :
MSVOA_U
ClientSampleId :

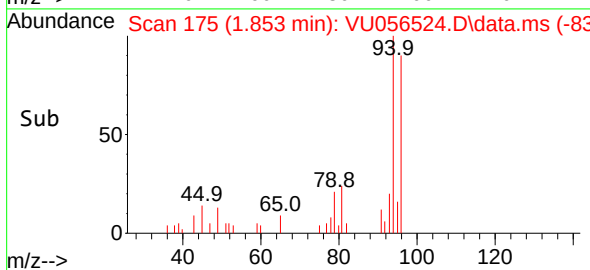
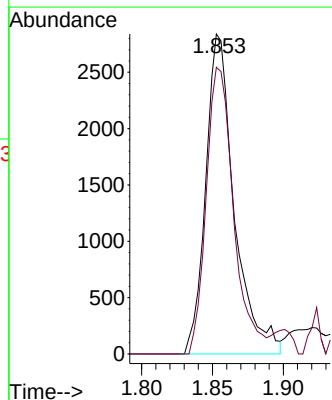
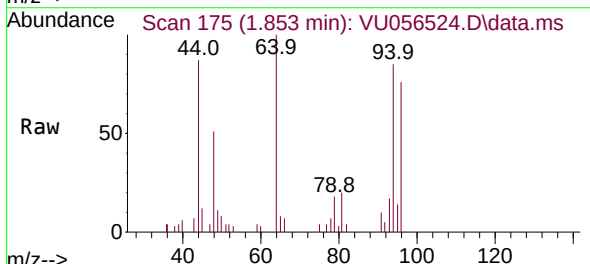


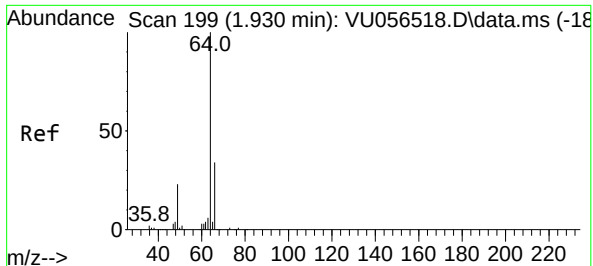
Tgt Ion: 50 Resp: 50318
Ion Ratio Lower Upper
50 100
52 32.3 24.3 45.1



#6
Bromomethane
Concen: 0.364 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

Tgt Ion: 94 Resp: 3978
Ion Ratio Lower Upper
94 100
96 89.6 62.6 116.2

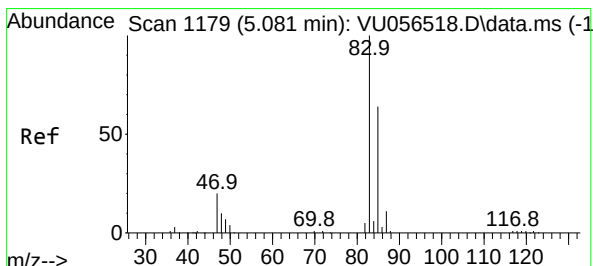
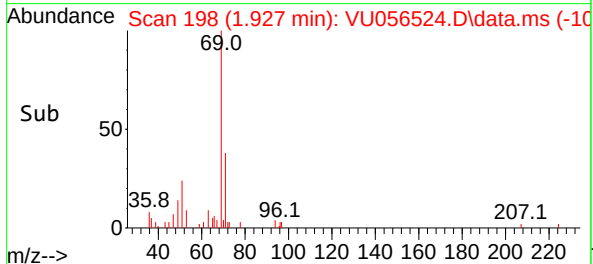
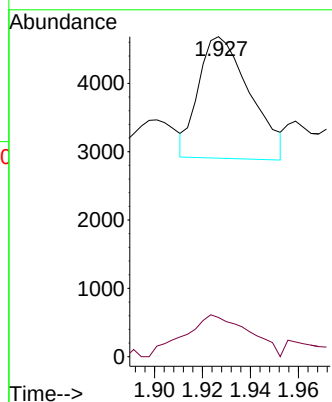
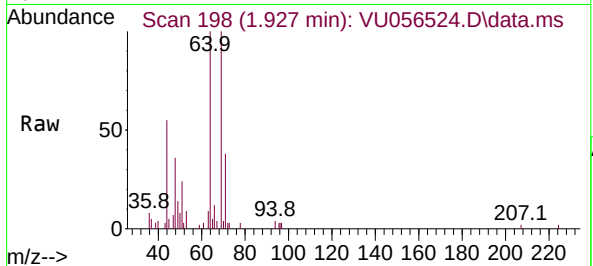




#8
Chloroethane
Concen: 0.201 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

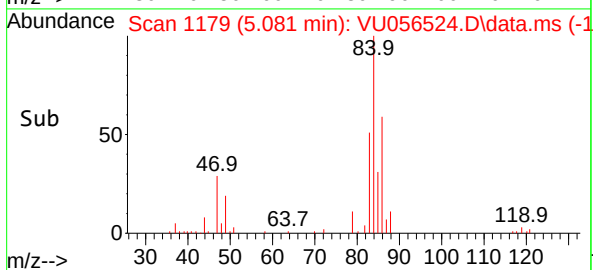
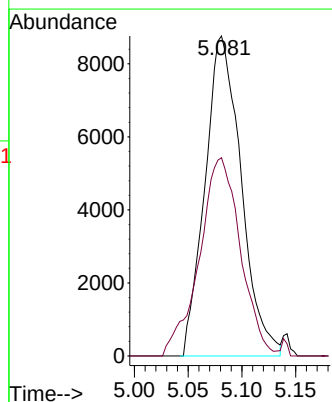
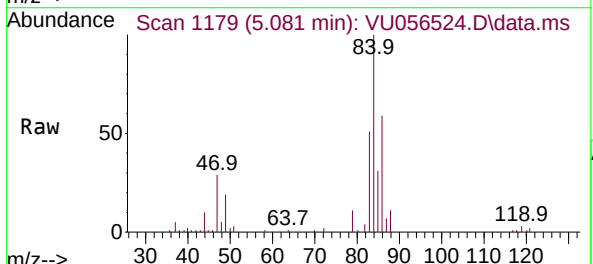
Instrument :
MSVOA_U
ClientSampleId :

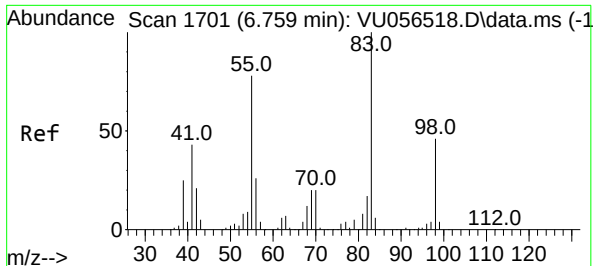
Tgt Ion: 64 Resp: 2645
Ion Ratio Lower Upper
64 100
66 12.2 23.9 44.5#



#25
Chloroform
Concen: 0.548 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

Tgt Ion: 83 Resp: 20482
Ion Ratio Lower Upper
83 100
85 62.0 47.0 87.2





#35

Methylcyclohexane

Concen: 0.635 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU056524.D

Acq: 20 Nov 2023 14:01

Instrument :

MSVOA_U

ClientSampleId :

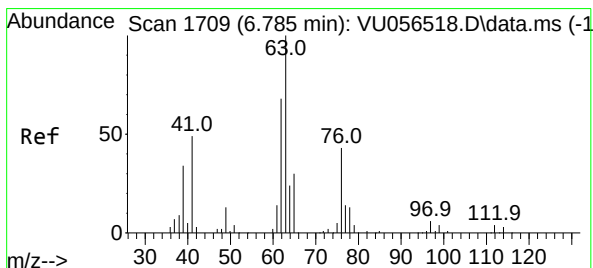
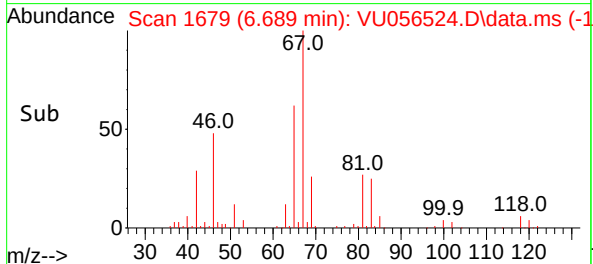
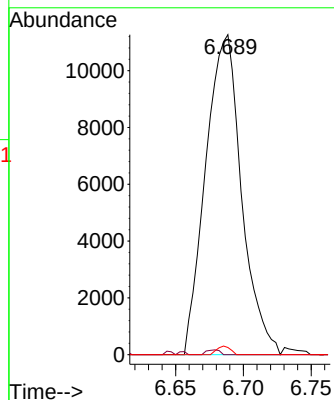
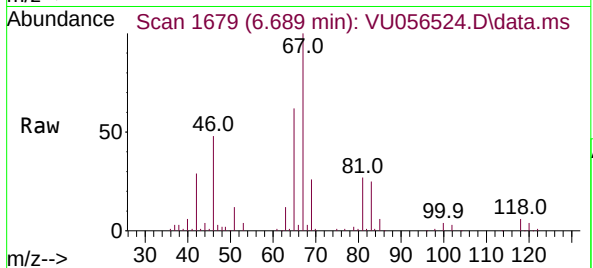
Tgt Ion: 83 Resp: 20785

Ion Ratio Lower Upper

83 100

55 0.6 62.9 94.3#

98 1.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056524.D

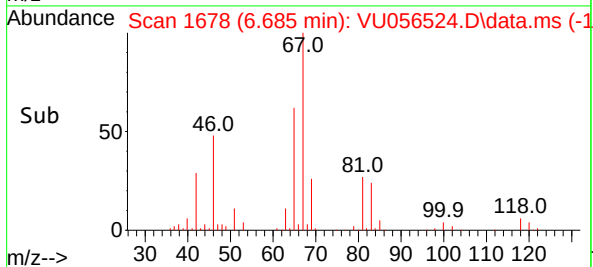
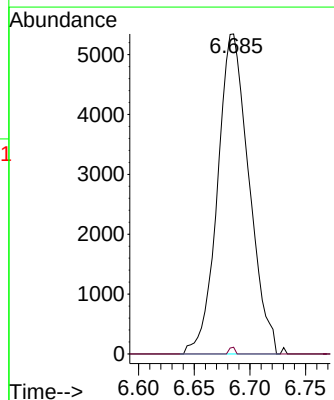
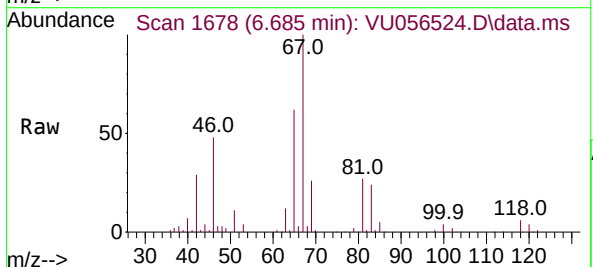
Acq: 20 Nov 2023 14:01

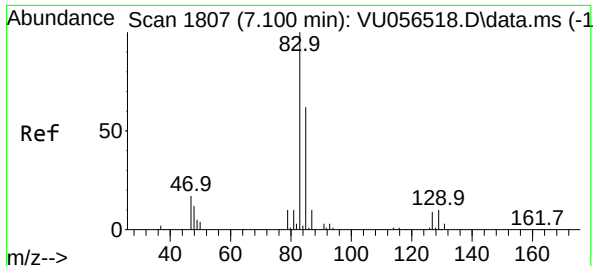
Tgt Ion: 63 Resp: 10505

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#

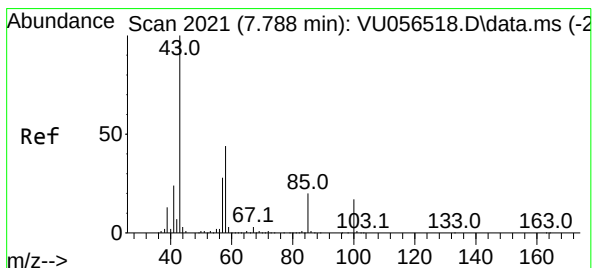
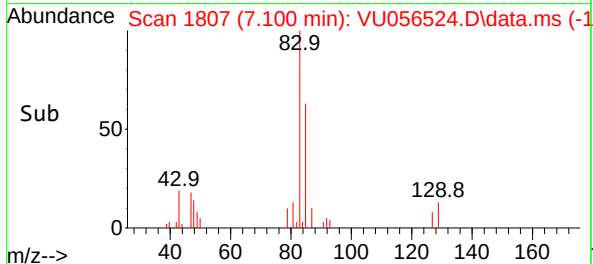
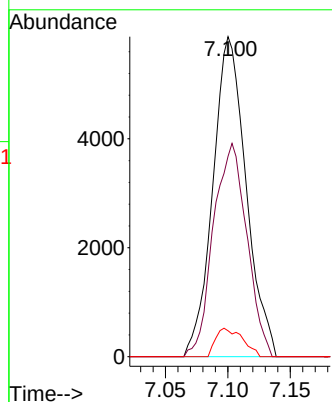
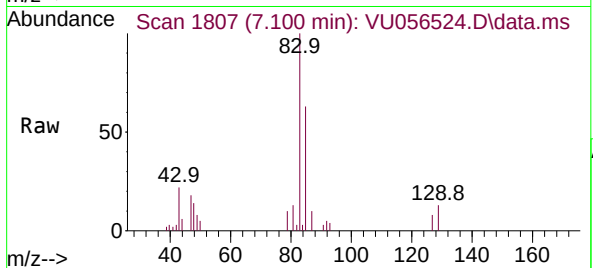




#38
Bromodichloromethane
Concen: 0.389 ug/L
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

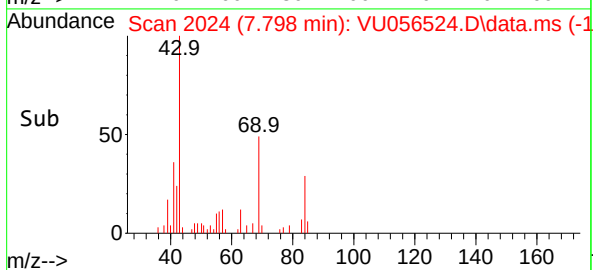
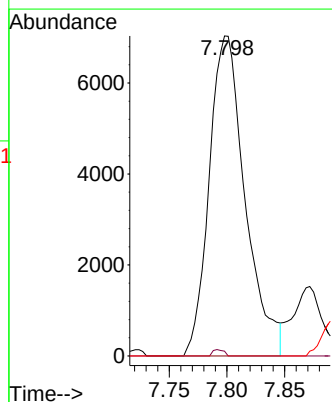
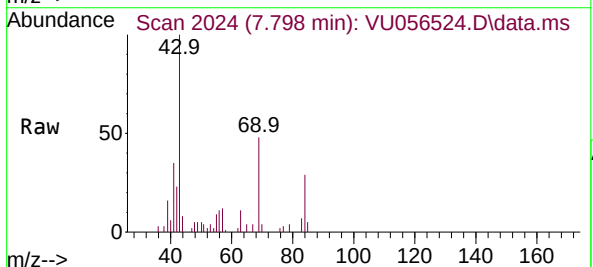
Instrument :
MSVOA_U
ClientSampleId :

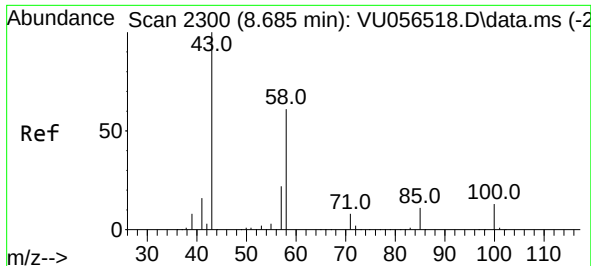
Tgt Ion: 83 Resp: 10893
Ion Ratio Lower Upper
83 100
85 62.6 44.9 83.5
127 8.1 6.9 10.3



#40
4-Methyl-2-pentanone
Concen: 1.415 ug/L
RT: 7.798 min Scan# 2024
Delta R.T. 0.010 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

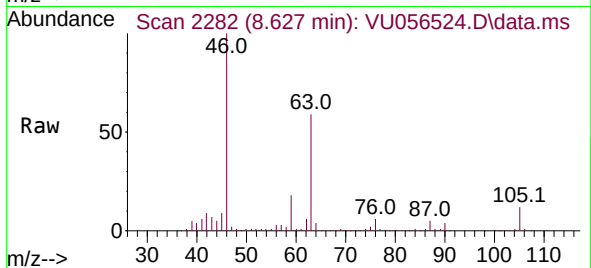
Tgt Ion: 43 Resp: 15219
Ion Ratio Lower Upper
43 100
58 0.6 33.8 50.8#
100 0.0 13.0 19.4#



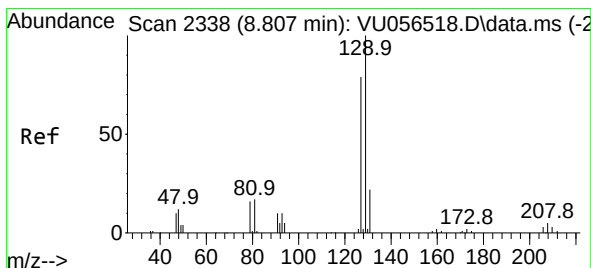
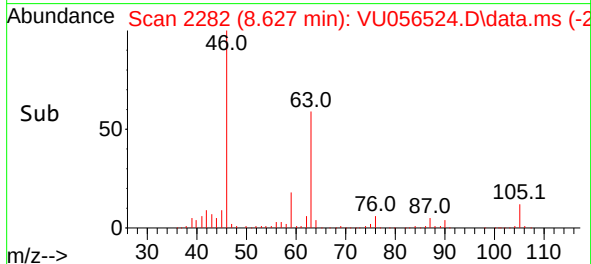
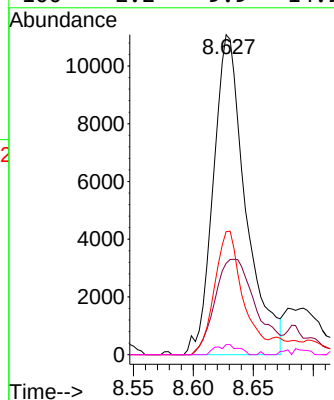


#48
2-Hexanone
Concen: 2.474 ug/L
RT: 8.627 min Scan# 21
Delta R.T. -0.058 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

Instrument :
MSVOA_U
ClientSampleId :

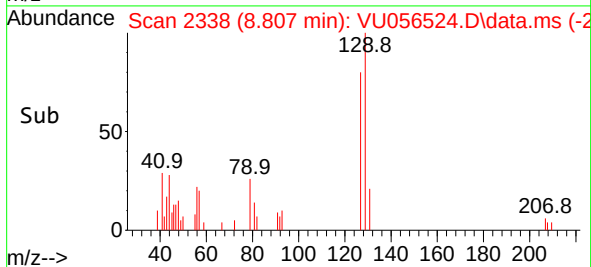
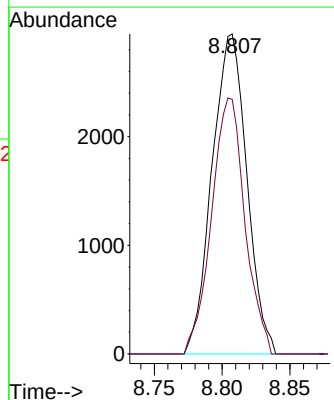
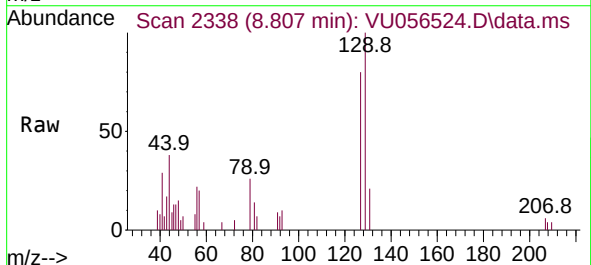


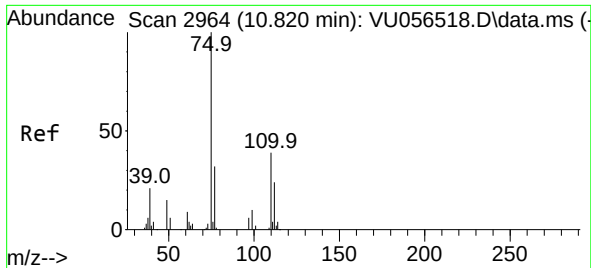
Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.7	48.7	73.1#
57	34.0	16.8	25.2#
100	2.2	9.9	14.9#



#49
Dibromochloromethane
Concen: 0.320 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

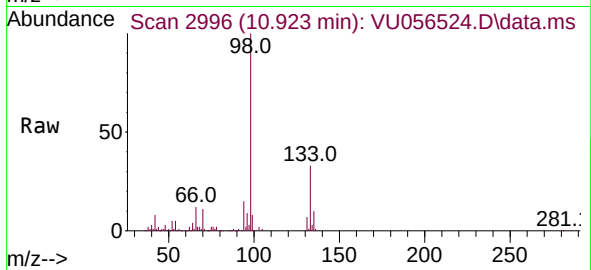
Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.6	52.9	98.3





#61
 1,2,3-Trichloropropane
 Concen: 0.232 ug/L
 RT: 10.923 min Scan# 2964
 Delta R.T. 0.103 min
 Lab File: VU056524.D
 Acq: 20 Nov 2023 14:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.8	30.4	45.6#
77	33.6	27.0	40.6

