

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056000.D
 Acq On : 30 Oct 2023 16:25
 Operator : MD/SY
 Sample : 05113-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:32:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

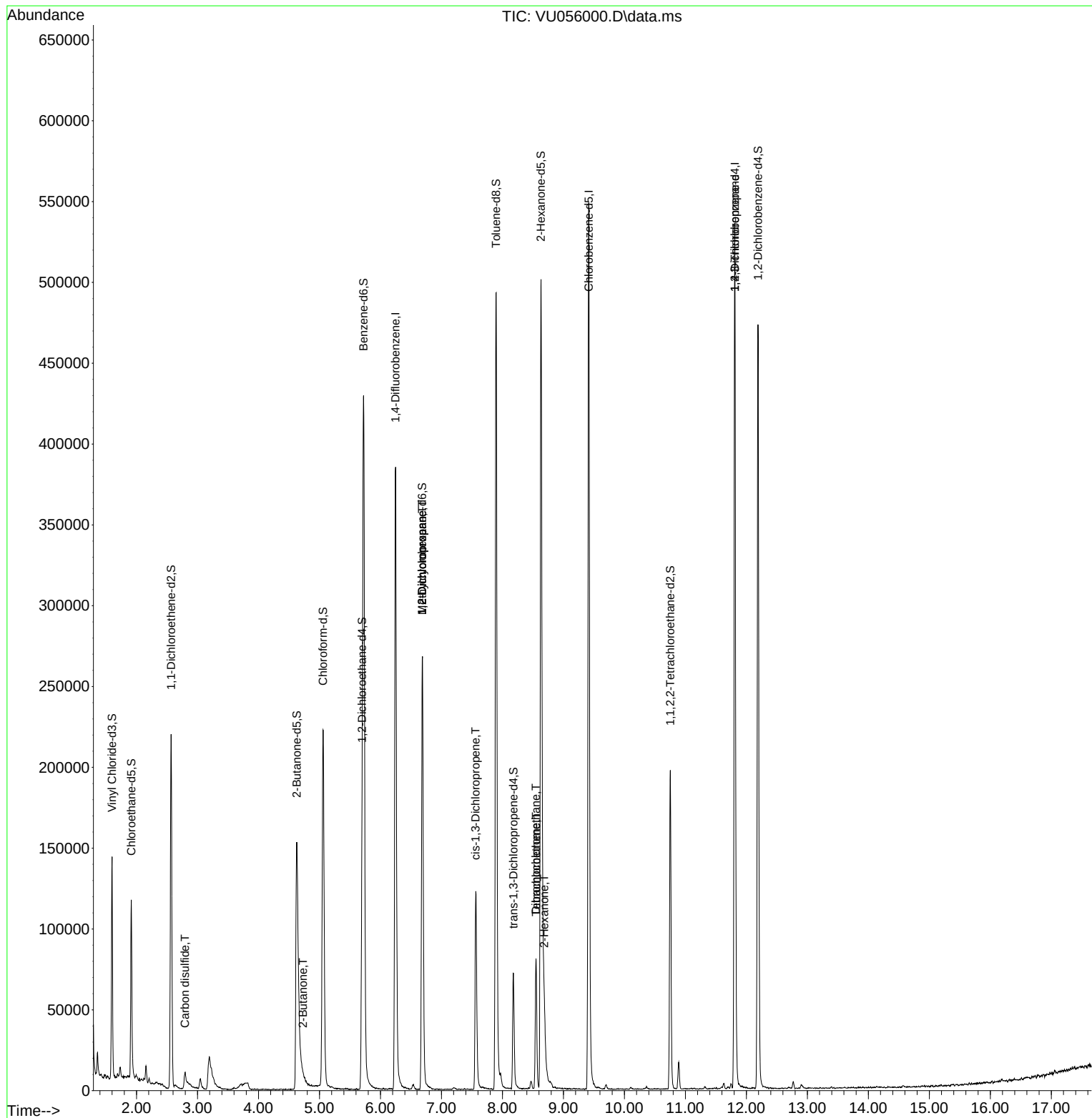
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	331018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	330609	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	154887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	92134	3.519	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.914	69	86477	4.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.567	65	42259	3.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.628	46	229591	49.148	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.300%
24) Chloroform-d	5.058	84	215744	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.698	65	104597	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.724	84	435460	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	137391	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.897	98	362712	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.180	79	44375	3.886	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.631	63	184325	63.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101455	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	136588	4.727	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.795	76	9921	0.242	ug/L	96
21) 2-Butanone	4.730	43	7447	1.903	ug/L #	63
35) Methylcyclohexane	6.685	83	31387	1.139	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	14056	0.726	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	3045	0.110	ug/L	84
47) Tetrachloroethene	8.553	164	17932	1.255	ug/L	95
48) 2-Hexanone	8.685	43	21120	2.876	ug/L	93
49) Dibromochloromethane	8.550	129	19054	1.274	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17110	1.609	ug/L #	65

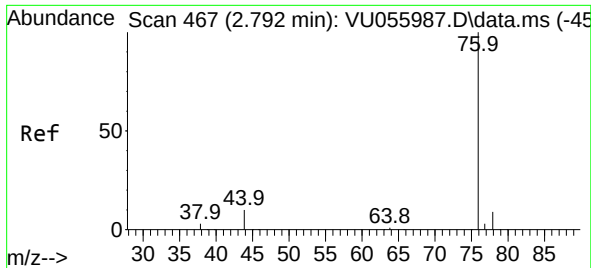
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
Data File : VU056000.D
Acq On : 30 Oct 2023 16:25
Operator : MD/SY
Sample : 05113-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 31 05:32:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 31 05:28:08 2023
Response via : Initial Calibration

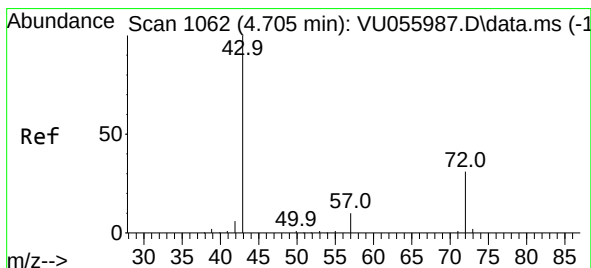
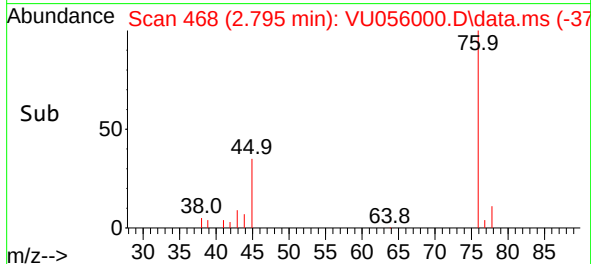
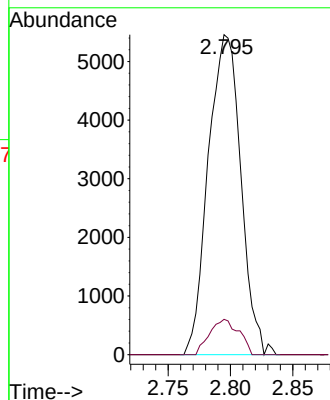
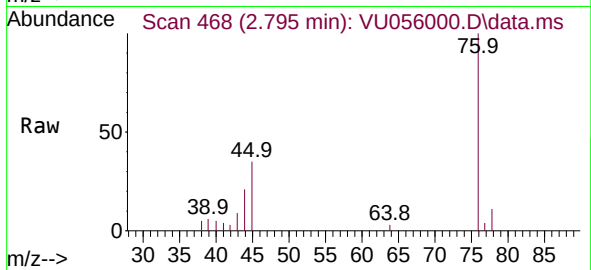




#14
Carbon disulfide
Concen: 0.242 ug/L
RT: 2.795 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU056000.D
Acq: 30 Oct 2023 16:25

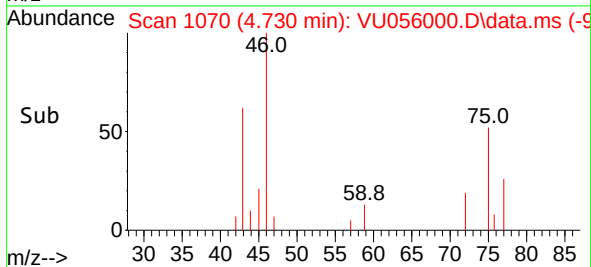
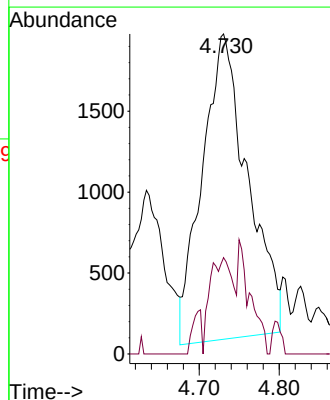
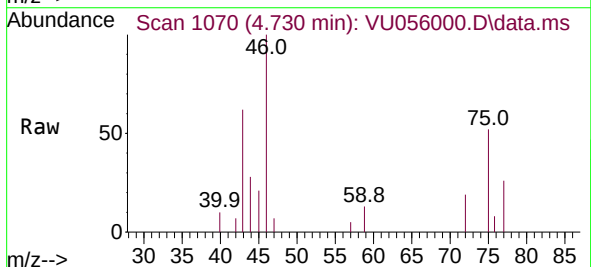
Instrument :
MSVOA_U
ClientSampleId :

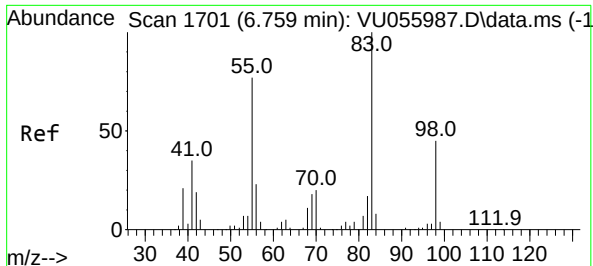
Tgt Ion: 76 Resp: 9921
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3



#21
2-Butanone
Concen: 1.903 ug/L
RT: 4.730 min Scan# 1070
Delta R.T. 0.026 min
Lab File: VU056000.D
Acq: 30 Oct 2023 16:25

Tgt Ion: 43 Resp: 7447
Ion Ratio Lower Upper
43 100
72 9.1 14.4 43.4#

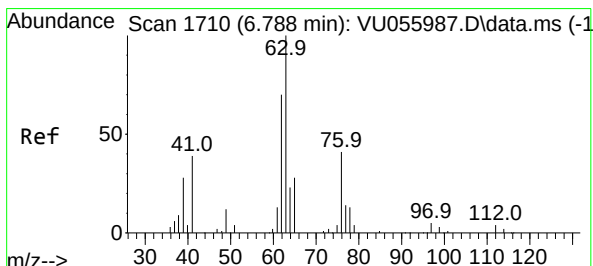
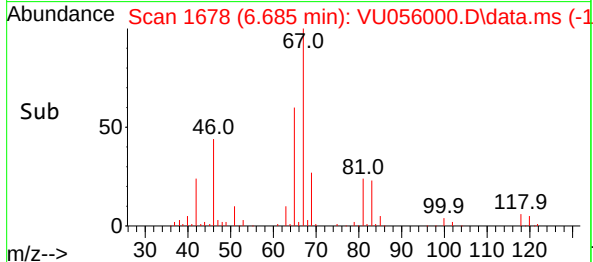
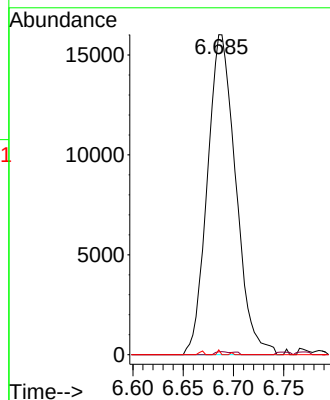
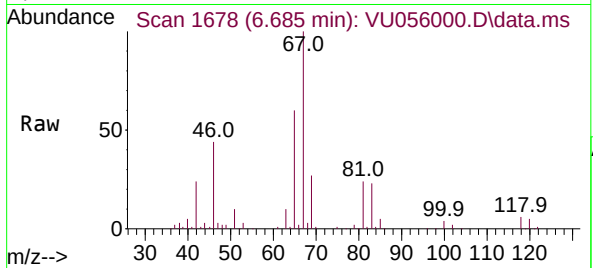




#35
Methylcyclohexane
Concen: 1.139 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056000.D
Acq: 30 Oct 2023 16:25

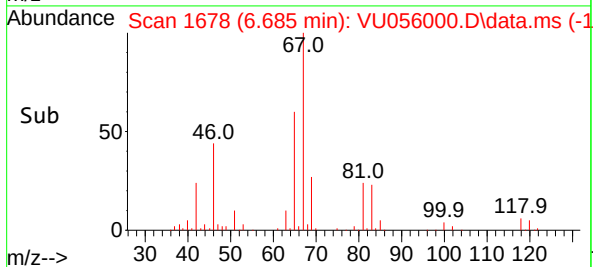
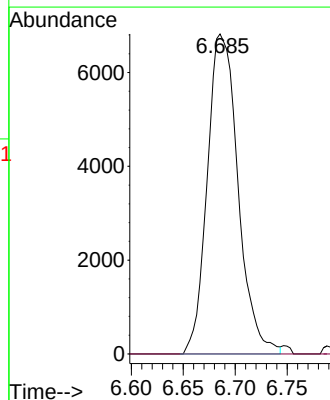
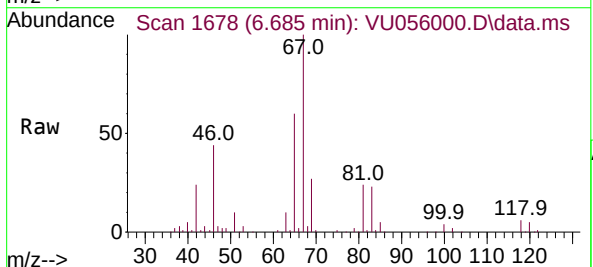
Instrument :
MSVOA_U
ClientSampleId :

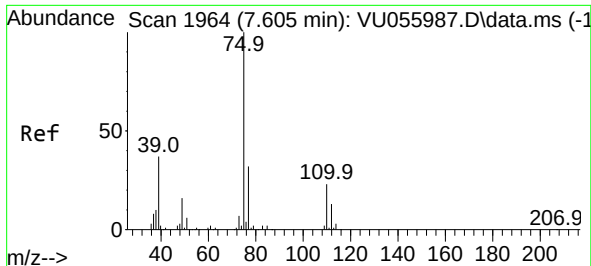
Tgt Ion: 83 Resp: 31387
Ion Ratio Lower Upper
83 100
55 0.4 62.4 93.6#
98 0.1 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.726 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU056000.D
Acq: 30 Oct 2023 16:25

Tgt Ion: 63 Resp: 14056
Ion Ratio Lower Upper
63 100
112 0.5 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

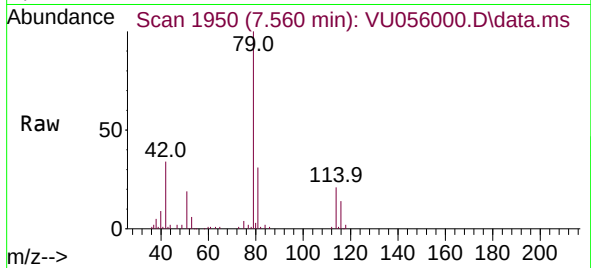
Lab File: VU056000.D

Acq: 30 Oct 2023 16:25

Instrument :

MSVOA_U

ClientSampleId :

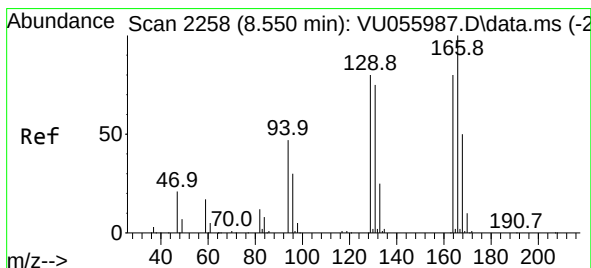
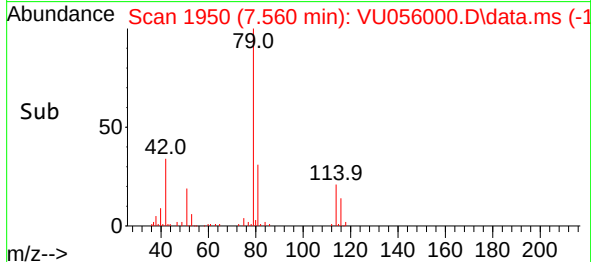
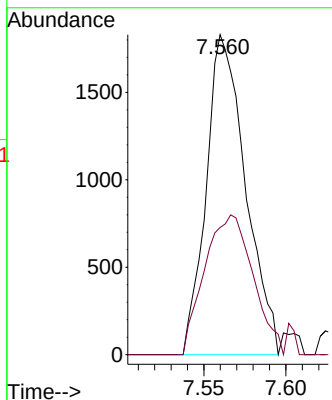


Tgt Ion: 75 Resp: 3045

Ion Ratio Lower Upper

75 100

77 39.7 21.7 40.3



#47

Tetrachloroethene

Concen: 1.255 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU056000.D

Acq: 30 Oct 2023 16:25

Tgt Ion: 164 Resp: 17932

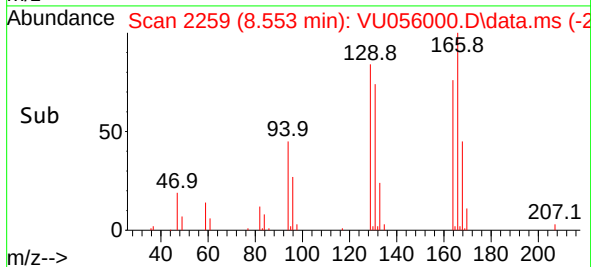
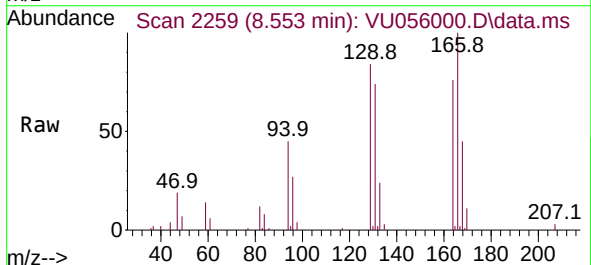
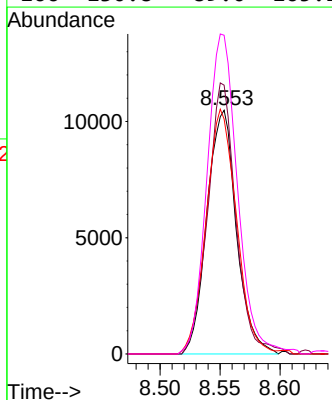
Ion Ratio Lower Upper

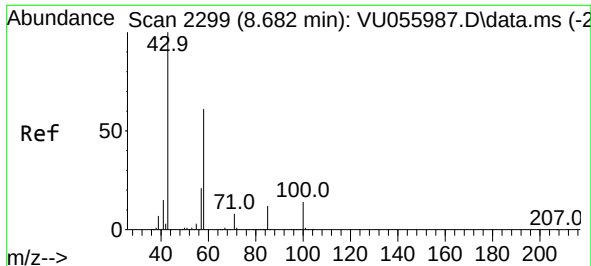
164 100

129 110.3 72.2 134.0

131 96.4 70.8 131.6

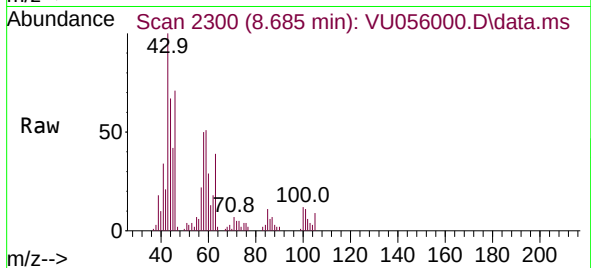
166 130.8 89.0 165.2



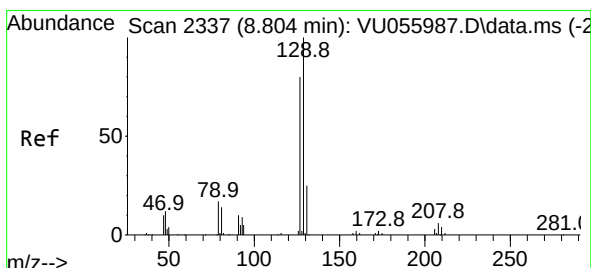
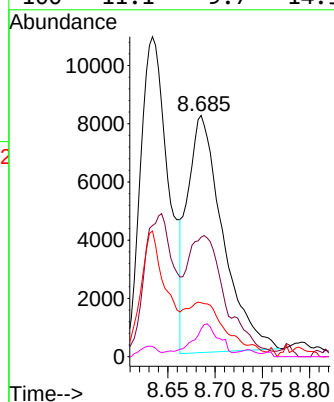
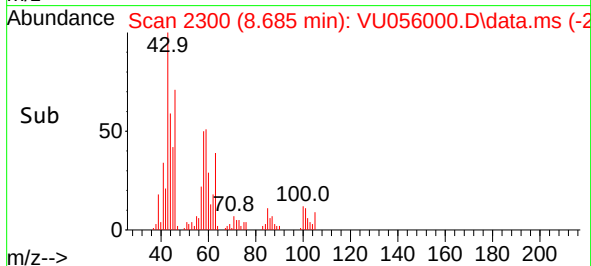


#48
2-Hexanone
Concen: 2.876 ug/L
RT: 8.685 min Scan# 21120
Delta R.T. 0.003 min
Lab File: VU056000.D
Acq: 30 Oct 2023 16:25

Instrument :
MSVOA_U
ClientSampleId :

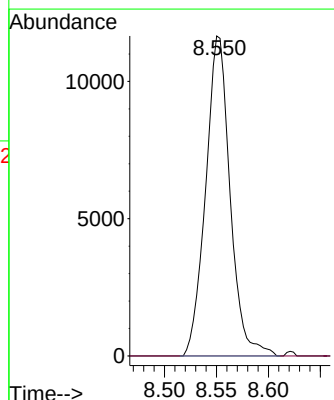
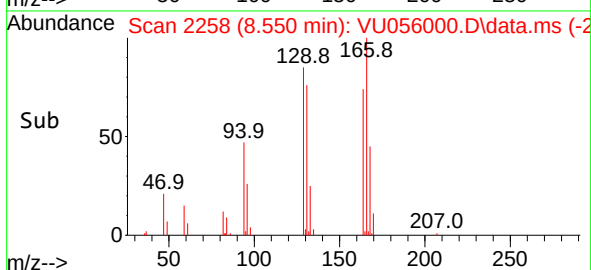
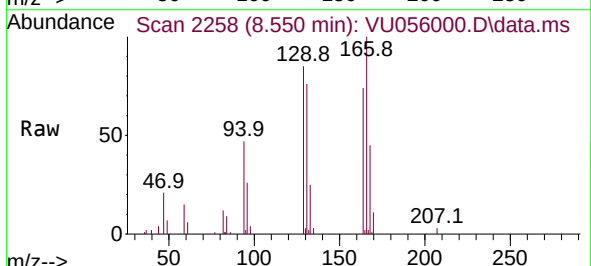


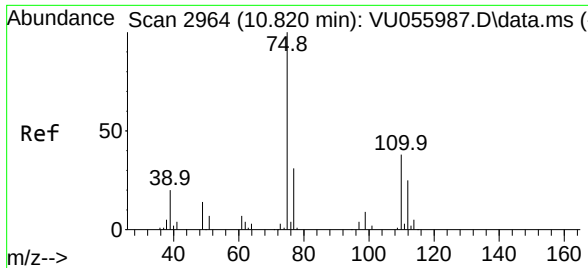
Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.6	49.5	74.3
57	21.3	16.9	25.3
100	11.1	9.7	14.5



#49
Dibromochloromethane
Concen: 1.274 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056000.D
Acq: 30 Oct 2023 16:25

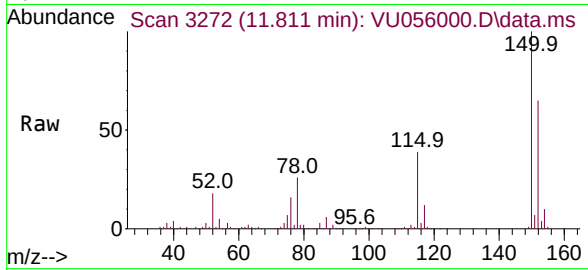
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.609 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056000.D
 Acq: 30 Oct 2023 16:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	17110
Ion	Ratio	Lower	Upper
75	100		
110	1.8	29.0	43.6#
77	34.7	24.5	36.7

