

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056004.D
 Acq On : 30 Oct 2023 18:00
 Operator : MD/SY
 Sample : 05113-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:32:54 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)

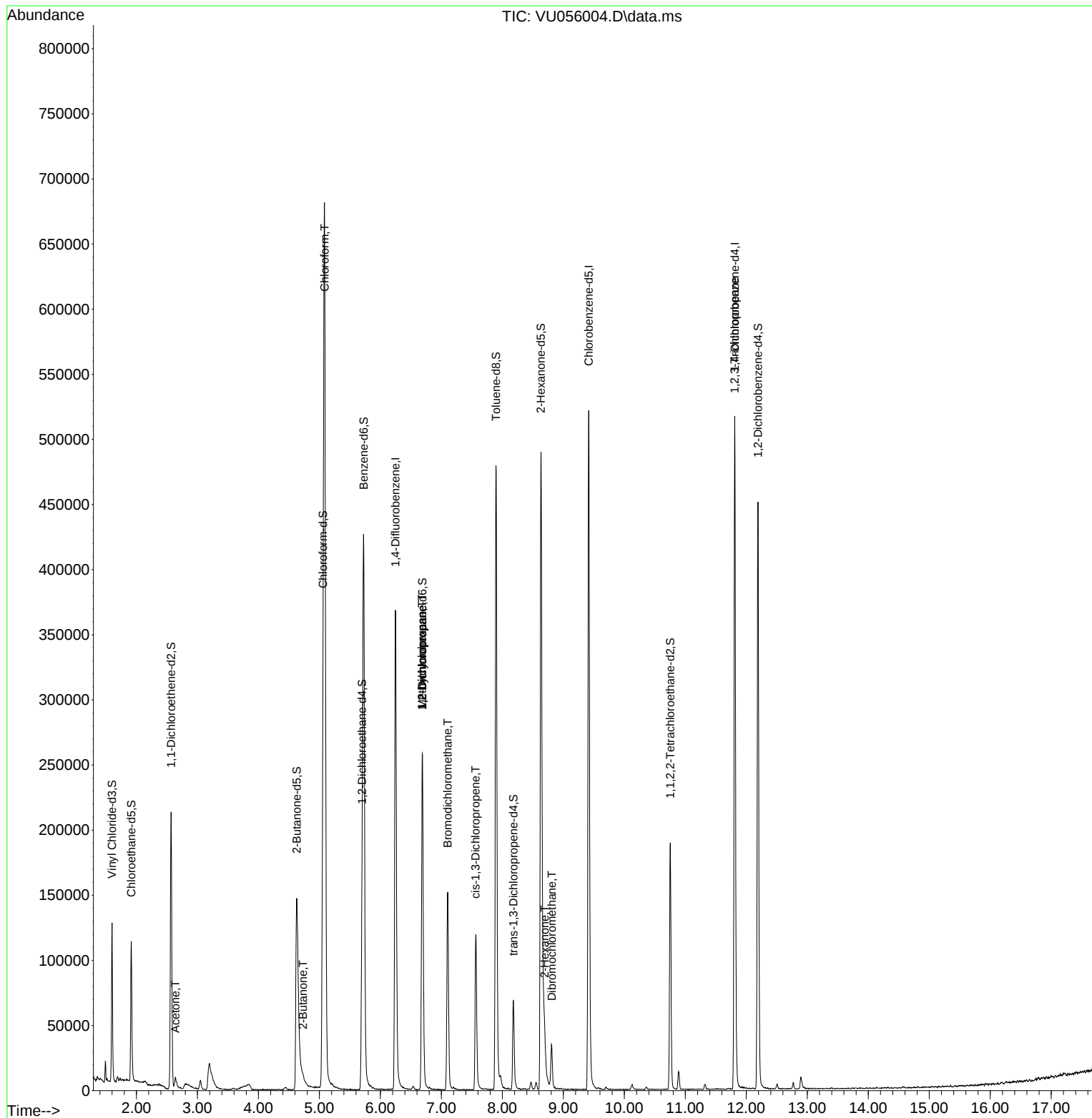
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	316697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	321435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	146614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	87319	3.485	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.914	69	84263	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.567	65	40215	3.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.628	46	233080	52.151	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.300%
24) Chloroform-d	5.059	84	237709	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.698	65	102166	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	420320	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.689	67	131629	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	347994	4.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.181	79	44757	4.032	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.631	63	176958	62.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98663	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	130347	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
13) Acetone	2.637	43	13087	5.139	ug/L	97
21) 2-Butanone	4.731	43	5694	1.521	ug/L	89
25) Chloroform	5.084	83	582193	17.571	ug/L	99
35) Methylcyclohexane	6.685	83	30505	1.139	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13486	0.716	ug/L #	89
38) Bromodichloromethane	7.103	83	107539	4.548	ug/L	100
39) cis-1,3-Dichloropropene	7.560	75	3022	0.113	ug/L #	45
48) 2-Hexanone	8.692	43	23869	3.344	ug/L #	89
49) Dibromochloromethane	8.808	129	17071	1.174	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	16517	1.641	ug/L #	69

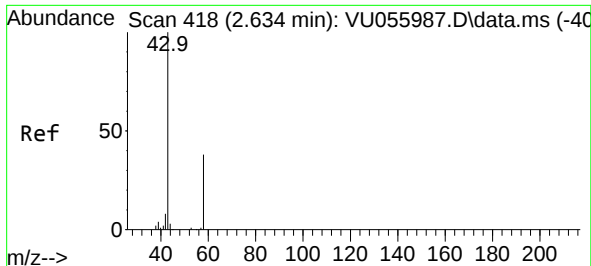
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.139 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056004.D

Acq: 30 Oct 2023 18:00

Instrument :

MSVOA_U

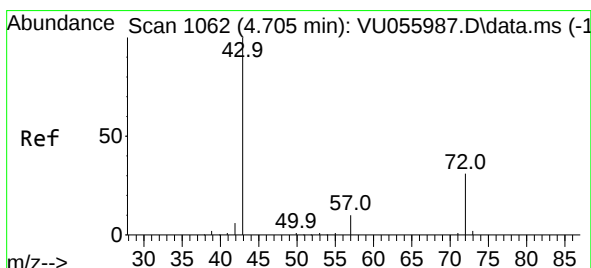
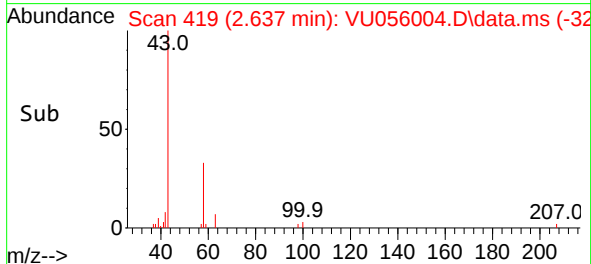
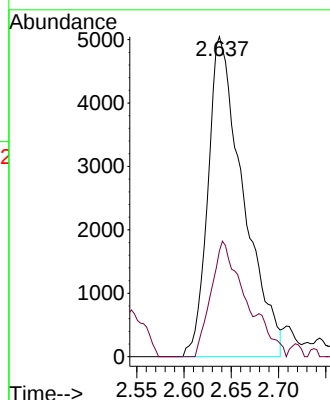
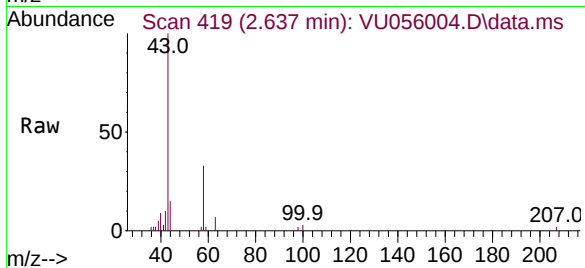
ClientSampleId :

Tgt Ion: 43 Resp: 13087

Ion Ratio Lower Upper

43 100

58 36.3 0.0 69.0



#21

2-Butanone

Concen: 1.521 ug/L

RT: 4.731 min Scan# 1070

Delta R.T. 0.026 min

Lab File: VU056004.D

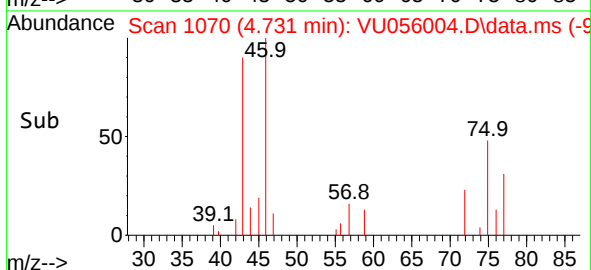
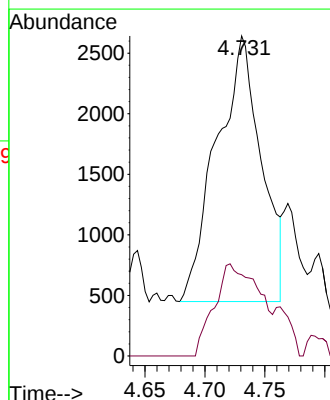
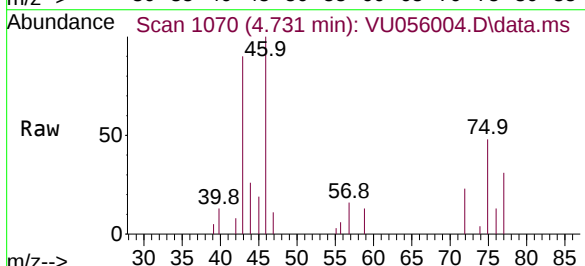
Acq: 30 Oct 2023 18:00

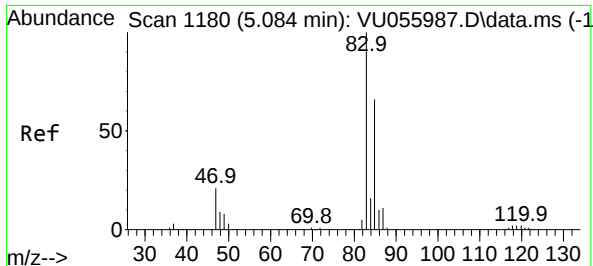
Tgt Ion: 43 Resp: 5694

Ion Ratio Lower Upper

43 100

72 34.9 14.4 43.4

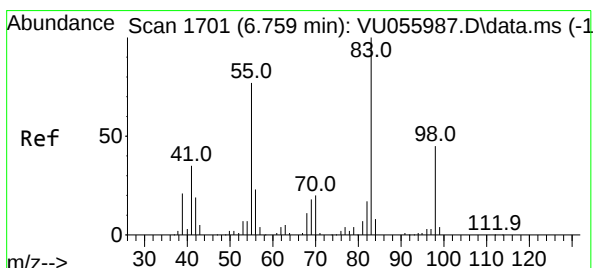
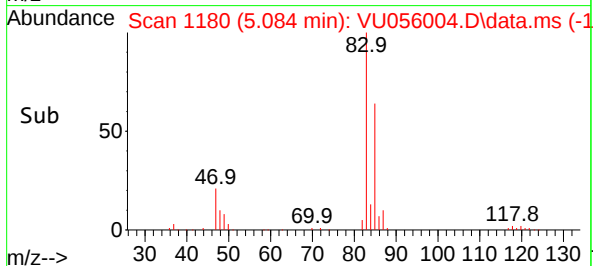
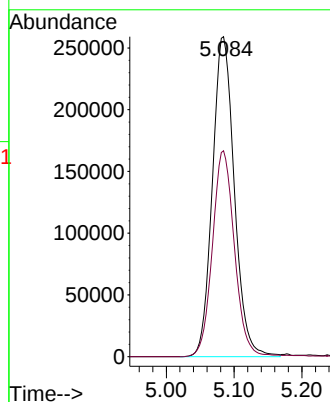
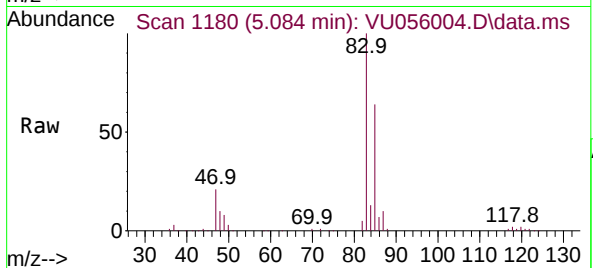




#25
Chloroform
Concen: 17.571 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU056004.D
Acq: 30 Oct 2023 18:00

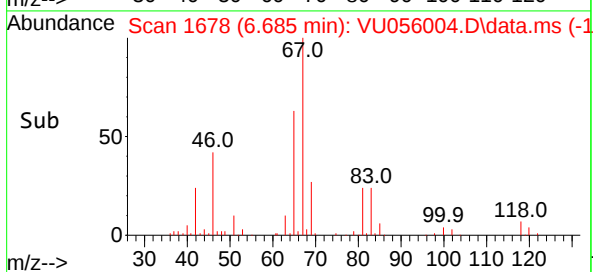
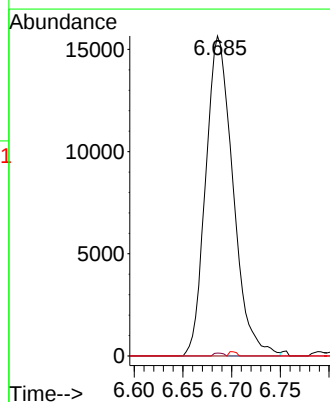
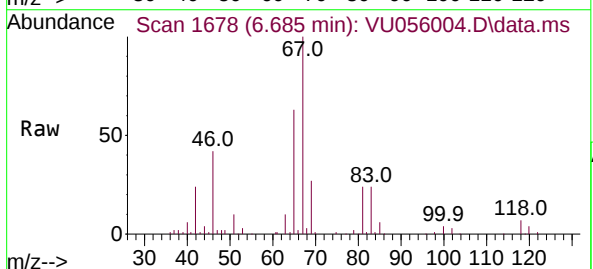
Instrument :
MSVOA_U
ClientSampleId :

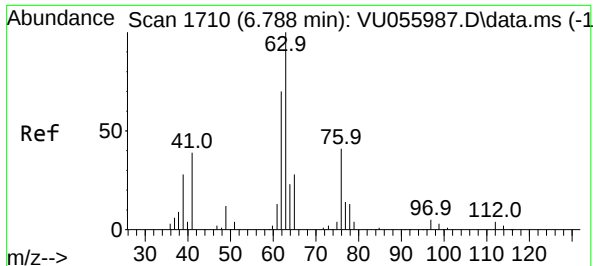
Tgt Ion: 83 Resp: 582193
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.8



#35
Methylcyclohexane
Concen: 1.139 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056004.D
Acq: 30 Oct 2023 18:00

Tgt Ion: 83 Resp: 30505
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.4 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.716 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056004.D

Acq: 30 Oct 2023 18:00

Instrument :

MSVOA_U

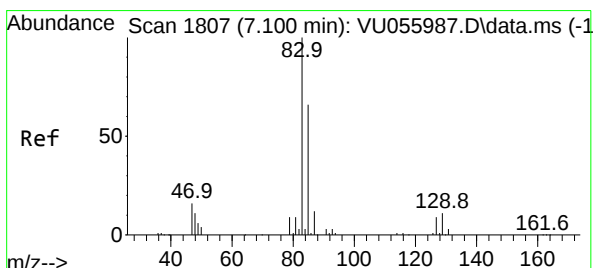
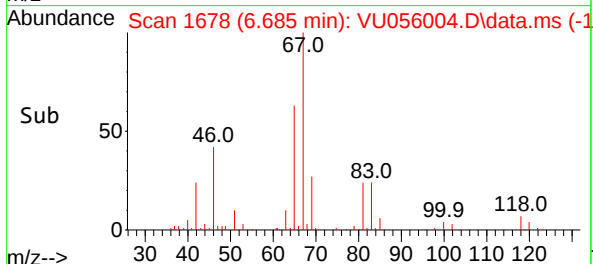
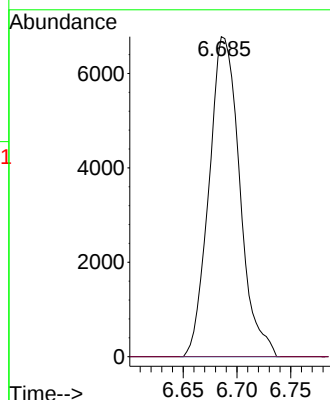
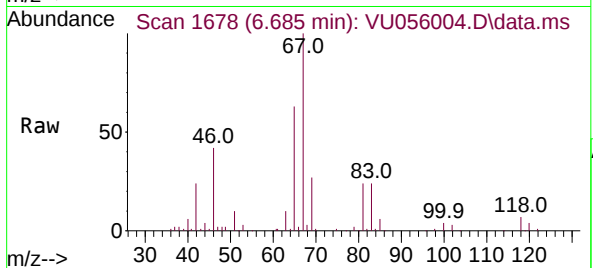
ClientSampleId :

Tgt Ion: 63 Resp: 13486

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#38

Bromodichloromethane

Concen: 4.548 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU056004.D

Acq: 30 Oct 2023 18:00

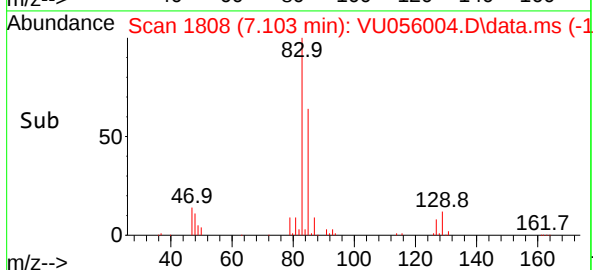
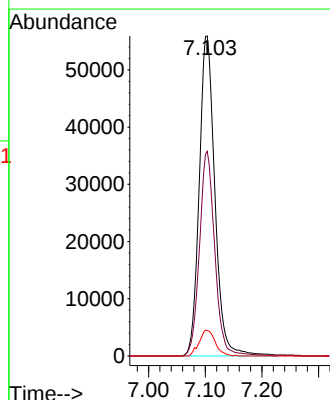
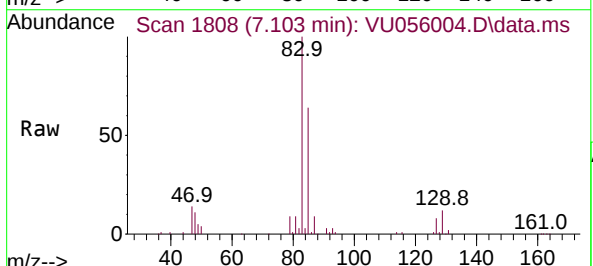
Tgt Ion: 83 Resp: 107539

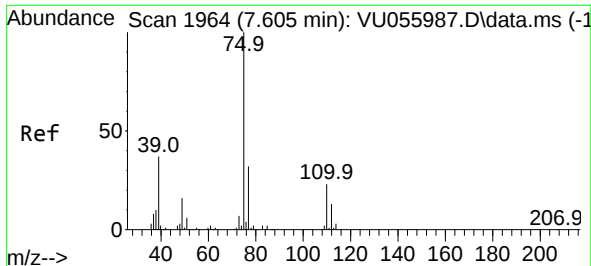
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.3

127 8.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

Lab File: VU056004.D

Acq: 30 Oct 2023 18:00

Instrument :

MSVOA_U

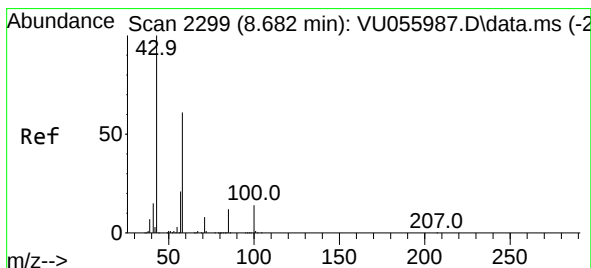
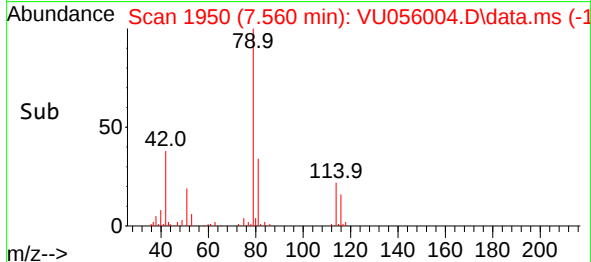
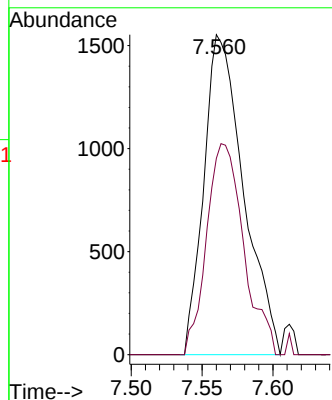
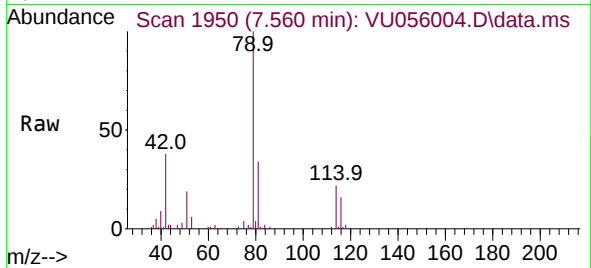
ClientSampleId :

Tgt Ion: 75 Resp: 3022

Ion Ratio Lower Upper

75 100

77 61.4 21.7 40.3#



#48

2-Hexanone

Concen: 3.344 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.010 min

Lab File: VU056004.D

Acq: 30 Oct 2023 18:00

Tgt Ion: 43 Resp: 23869

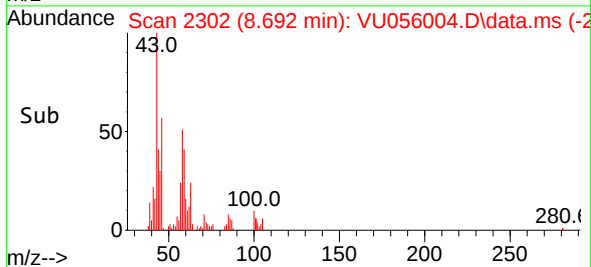
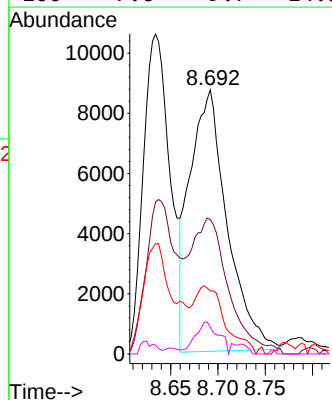
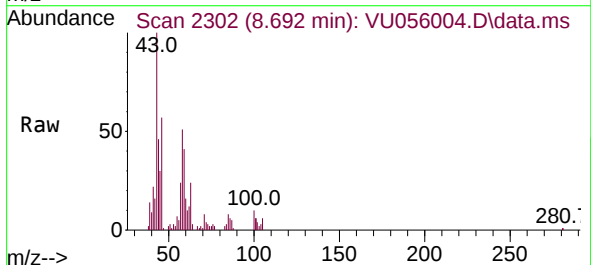
Ion Ratio Lower Upper

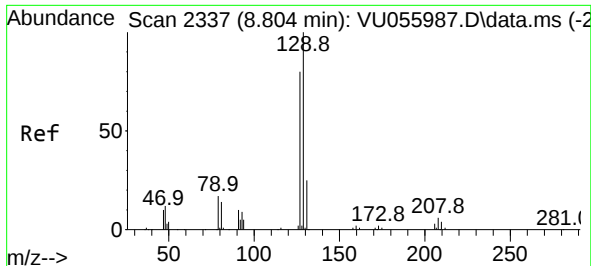
43 100

58 50.7 49.5 74.3

57 21.6 16.9 25.3

100 7.6 9.7 14.5#

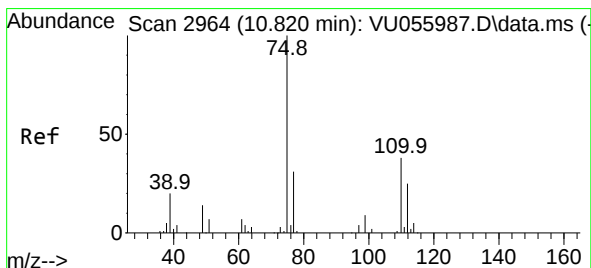
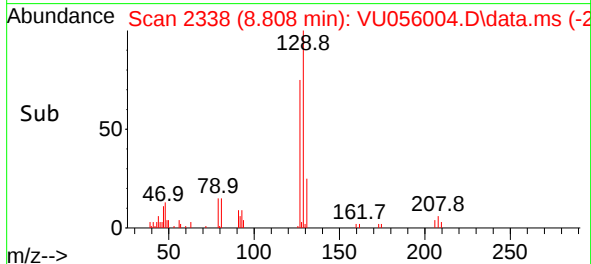
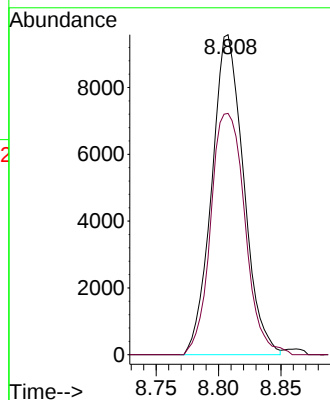
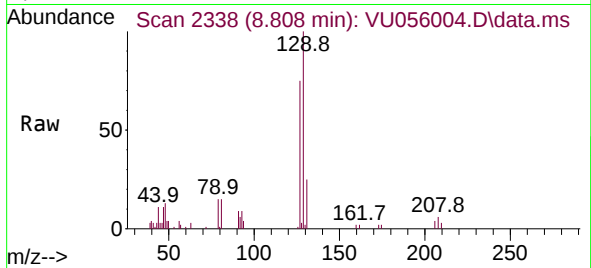




#49
Dibromochloromethane
Concen: 1.174 ug/L
RT: 8.808 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056004.D
Acq: 30 Oct 2023 18:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 17071
Ion Ratio Lower Upper
129 100
127 75.4 53.5 99.5



#61
1,2,3-Trichloropropane
Concen: 1.641 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056004.D
Acq: 30 Oct 2023 18:00

Tgt Ion: 75 Resp: 16517
Ion Ratio Lower Upper
75 100
110 3.4 29.0 43.6#
77 32.1 24.5 36.7

