

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU055999.D
 Acq On : 30 Oct 2023 16:00
 Operator : MD/SY
 Sample : 05113-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:31:46 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)

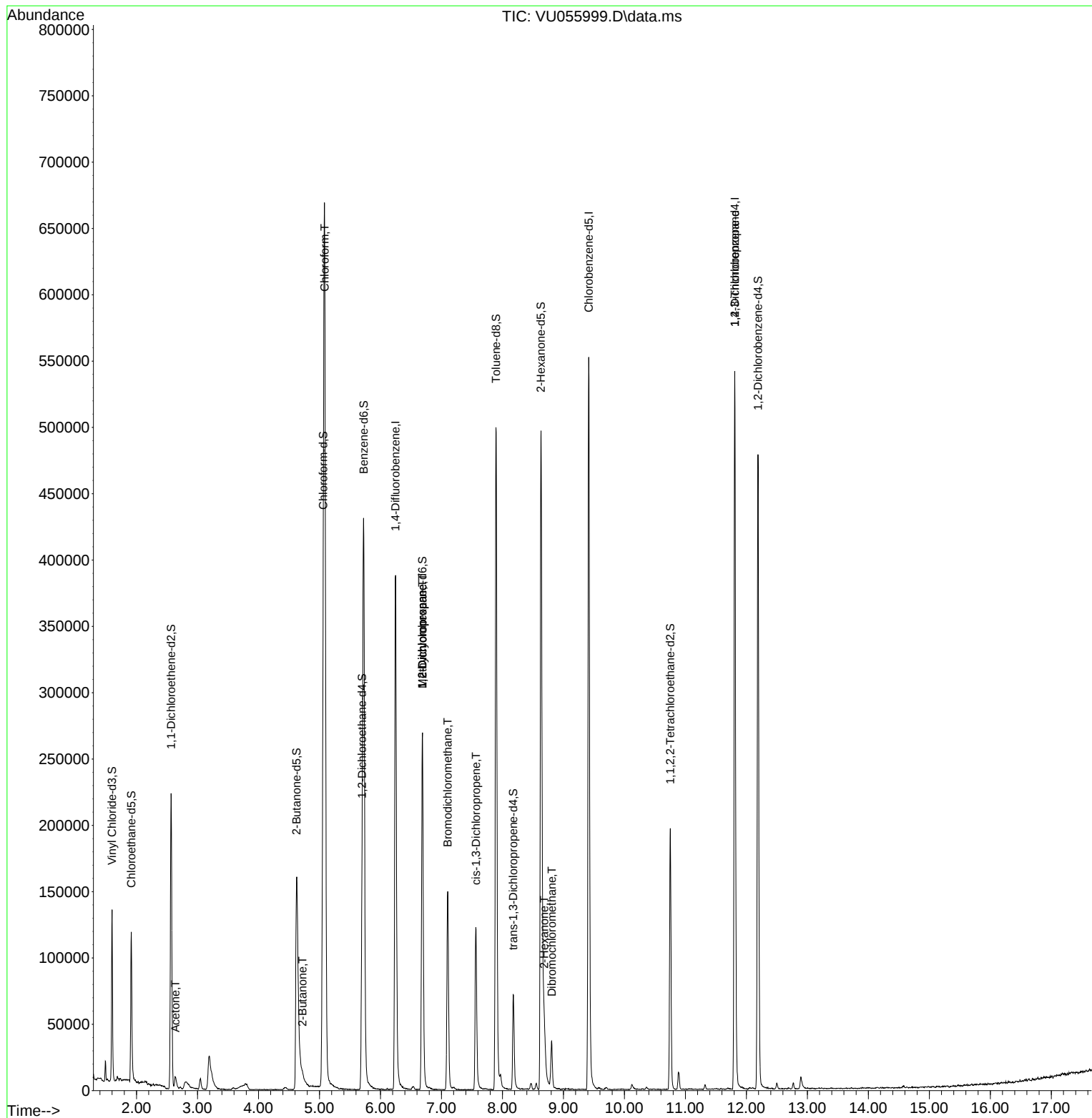
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	332311	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	335660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	154933	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	91845	3.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.914	69	88332	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.566	65	41975	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.624	46	234021	49.902	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.800%
24) Chloroform-d	5.061	84	241315	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.698	65	107473	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.724	84	429035	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.688	67	137885	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	363605	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	45763	3.948	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.630	63	182545	62.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101097	4.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	133303	4.612	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
13) Acetone	2.637	43	13120	4.909	ug/L	92
21) 2-Butanone	4.721	43	6820	1.736	ug/L	76
25) Chloroform	5.084	83	573197	16.487	ug/L	99
35) Methylcyclohexane	6.688	83	32699	1.169	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	13986	0.711	ug/L #	89
38) Bromodichloromethane	7.103	83	101989	4.130	ug/L	99
39) cis-1,3-Dichloropropene	7.566	75	3222	0.115	ug/L #	66
48) 2-Hexanone	8.685	43	20977	2.814	ug/L #	79
49) Dibromochloromethane	8.807	129	17585	1.158	ug/L	95
61) 1,2,3-Trichloropropane	11.810	75	18999	1.786	ug/L #	67

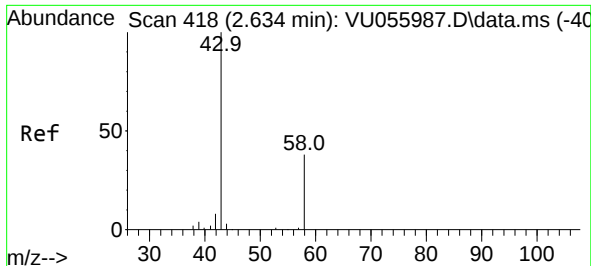
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.909 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU055999.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_U

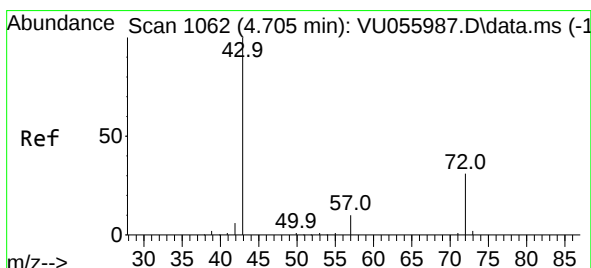
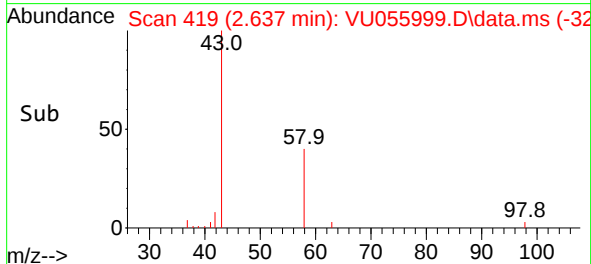
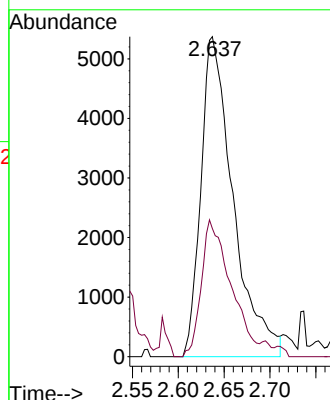
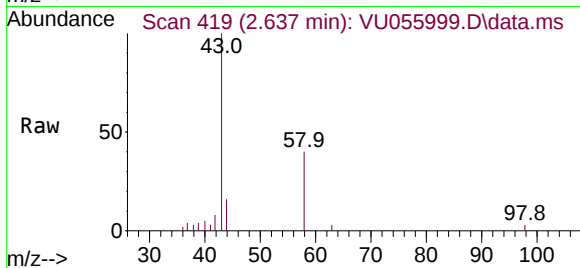
ClientSampleId :

Tgt Ion: 43 Resp: 13120

Ion Ratio Lower Upper

43 100

58 39.2 0.0 69.0



#21

2-Butanone

Concen: 1.736 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.016 min

Lab File: VU055999.D

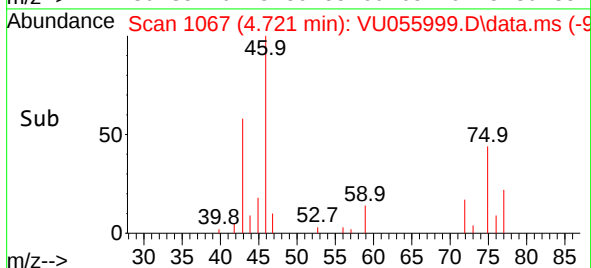
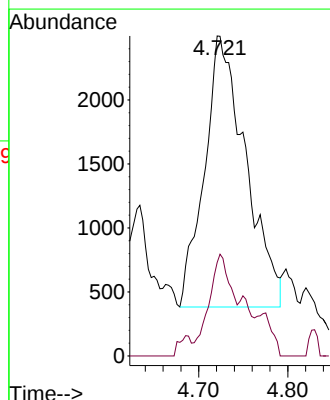
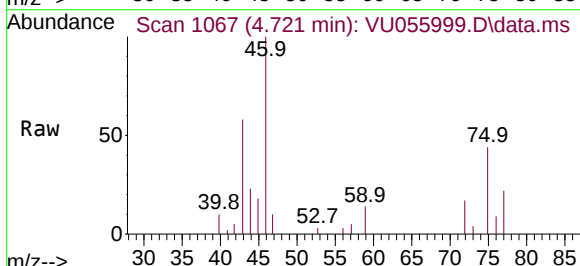
Acq: 30 Oct 2023 16:00

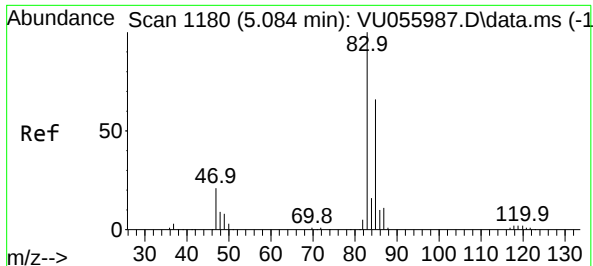
Tgt Ion: 43 Resp: 6820

Ion Ratio Lower Upper

43 100

72 16.2 14.4 43.4





#25

Chloroform

Concen: 16.487 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055999.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_U

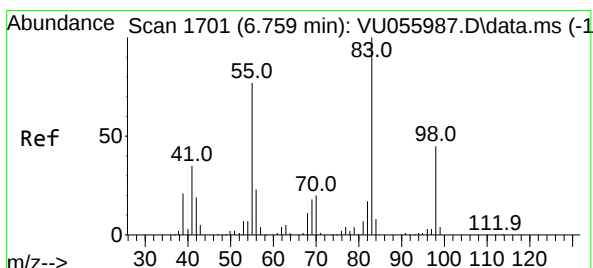
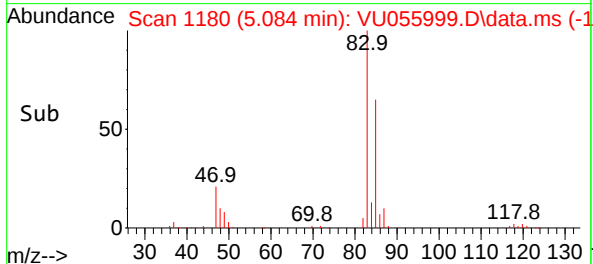
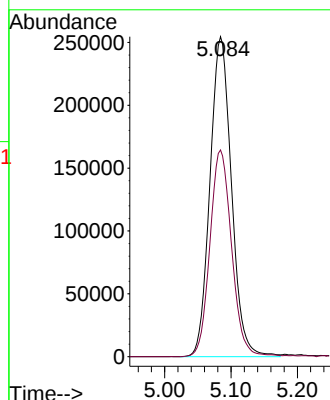
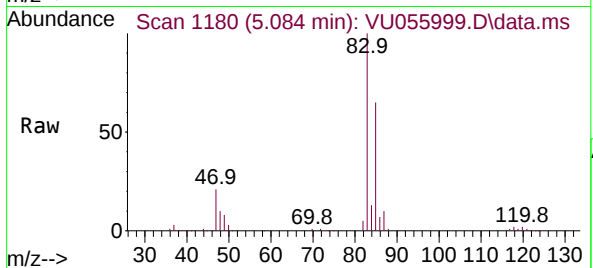
ClientSampleId :

Tgt Ion: 83 Resp: 573197

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.8



#35

Methylcyclohexane

Concen: 1.169 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055999.D

Acq: 30 Oct 2023 16:00

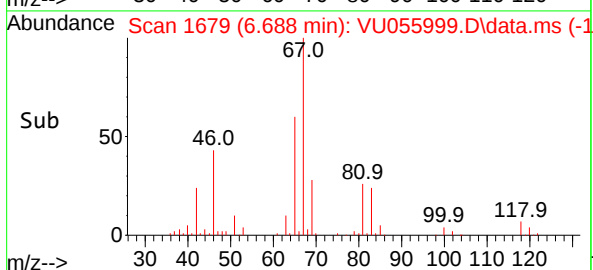
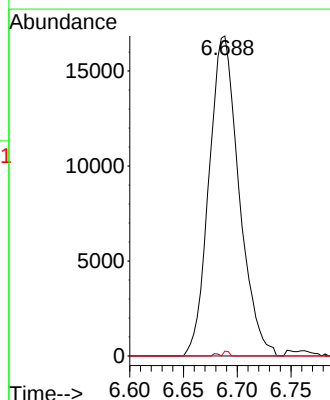
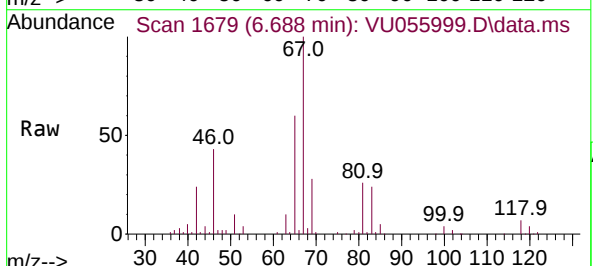
Tgt Ion: 83 Resp: 32699

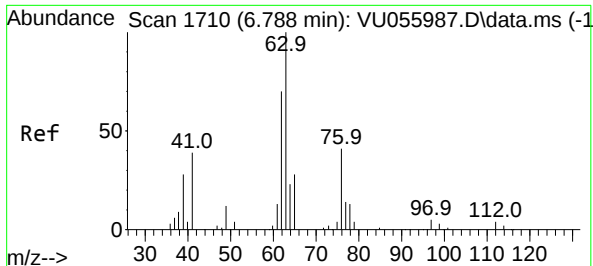
Ion Ratio Lower Upper

83 100

55 0.1 62.4 93.6#

98 0.3 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.711 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055999.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_U

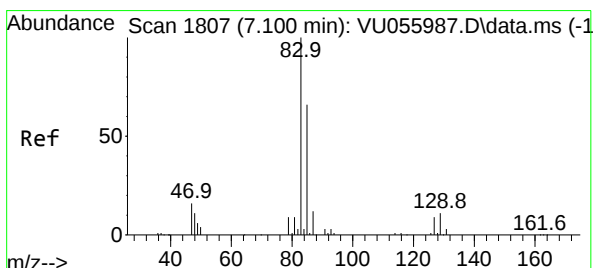
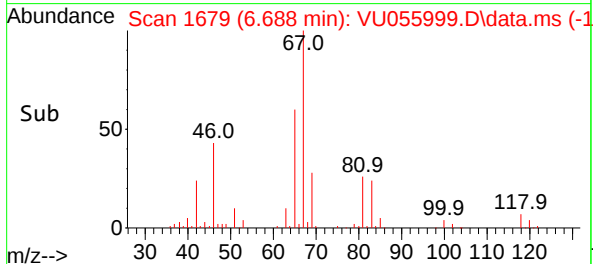
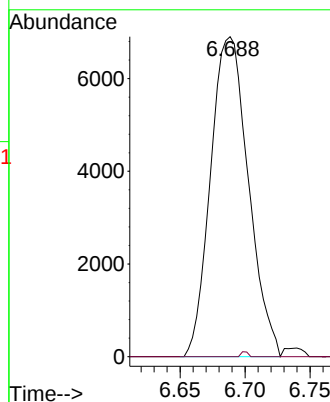
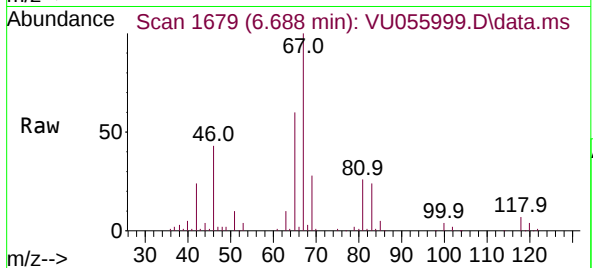
ClientSampleId :

Tgt Ion: 63 Resp: 13986

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#38

Bromodichloromethane

Concen: 4.130 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU055999.D

Acq: 30 Oct 2023 16:00

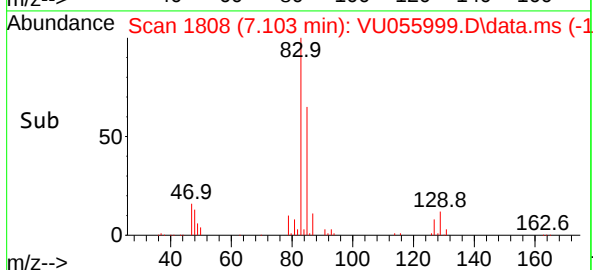
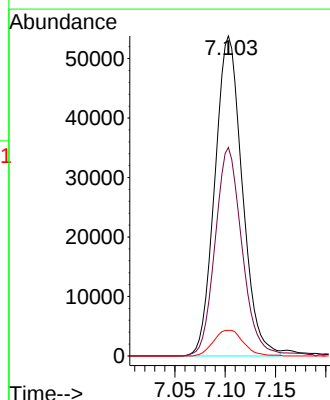
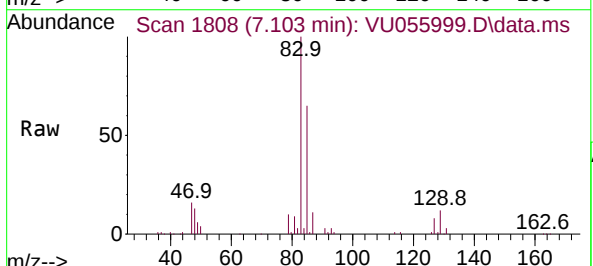
Tgt Ion: 83 Resp: 101989

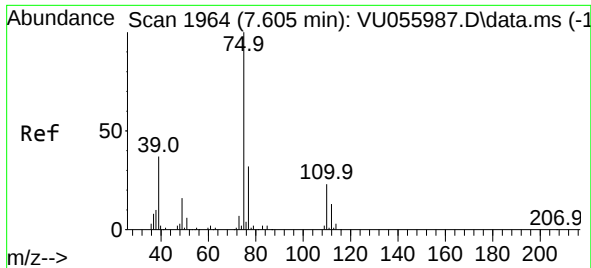
Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.3

127 8.0 6.6 9.8

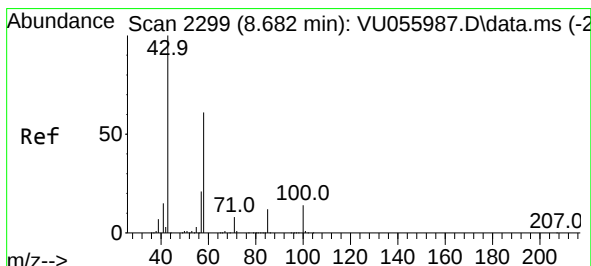
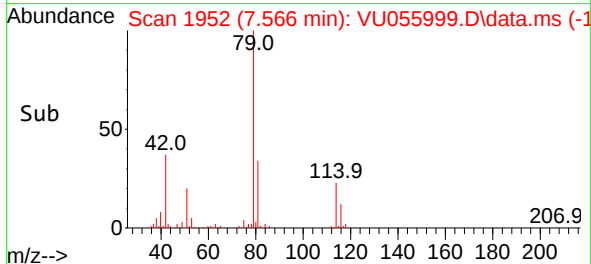
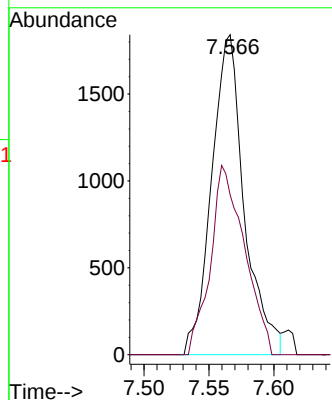
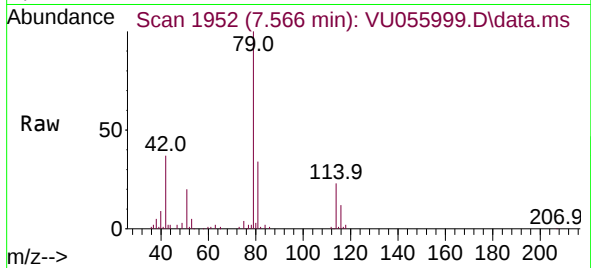




#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.566 min Scan# 1964
 Delta R.T. -0.039 min
 Lab File: VU055999.D
 Acq: 30 Oct 2023 16:00

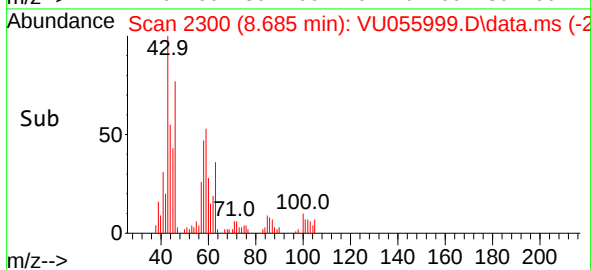
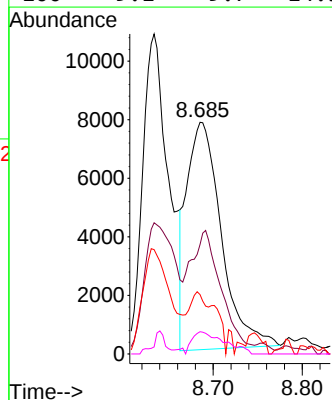
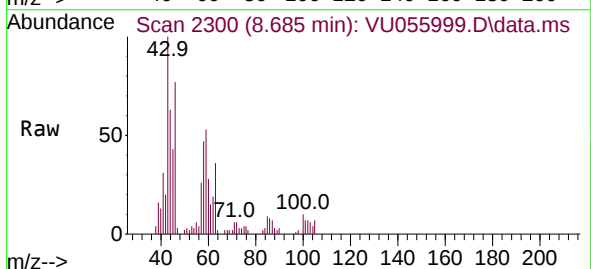
Instrument :
 MSVOA_U
 ClientSampleId :

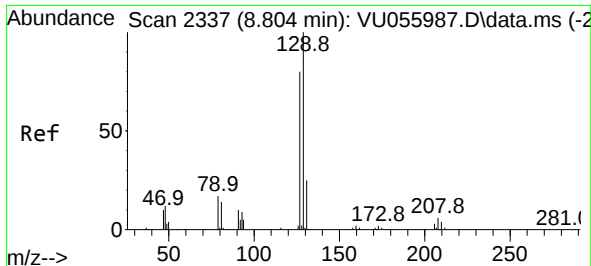
Tgt Ion: 75 Resp: 3222
 Ion Ratio Lower Upper
 75 100
 77 49.9 21.7 40.3#



#48
 2-Hexanone
 Concen: 2.814 ug/L
 RT: 8.685 min Scan# 2300
 Delta R.T. 0.003 min
 Lab File: VU055999.D
 Acq: 30 Oct 2023 16:00

Tgt Ion: 43 Resp: 20977
 Ion Ratio Lower Upper
 43 100
 58 47.7 49.5 74.3#
 57 4.4 16.9 25.3#
 100 9.1 9.7 14.5#

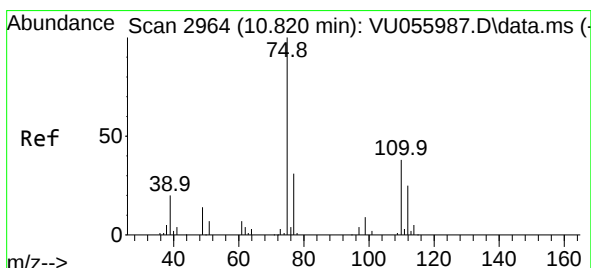
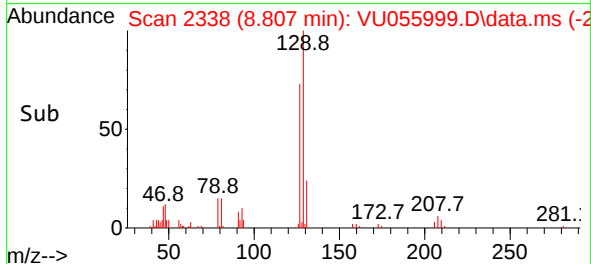
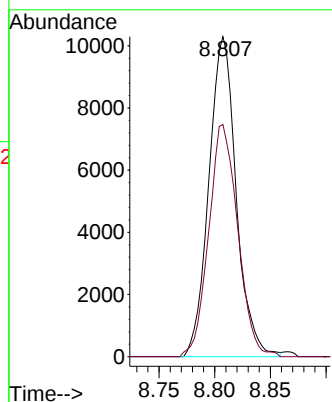
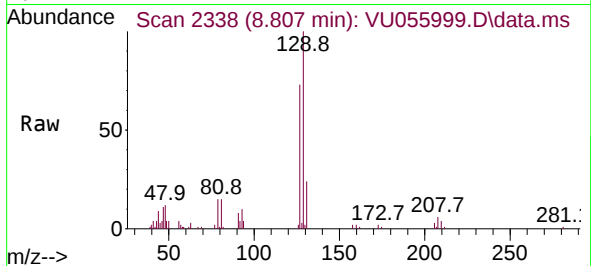




#49
Dibromochloromethane
Concen: 1.158 ug/L
RT: 8.807 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055999.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 17585
Ion Ratio Lower Upper
129 100
127 72.5 53.5 99.5



#61
1,2,3-Trichloropropane
Concen: 1.786 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055999.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 75 Resp: 18999
Ion Ratio Lower Upper
75 100
110 1.1 29.0 43.6#
77 29.9 24.5 36.7

