

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055974.D
 Acq On : 28 Oct 2023 15:16
 Operator : MD/SY
 Sample : 05114-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:54:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

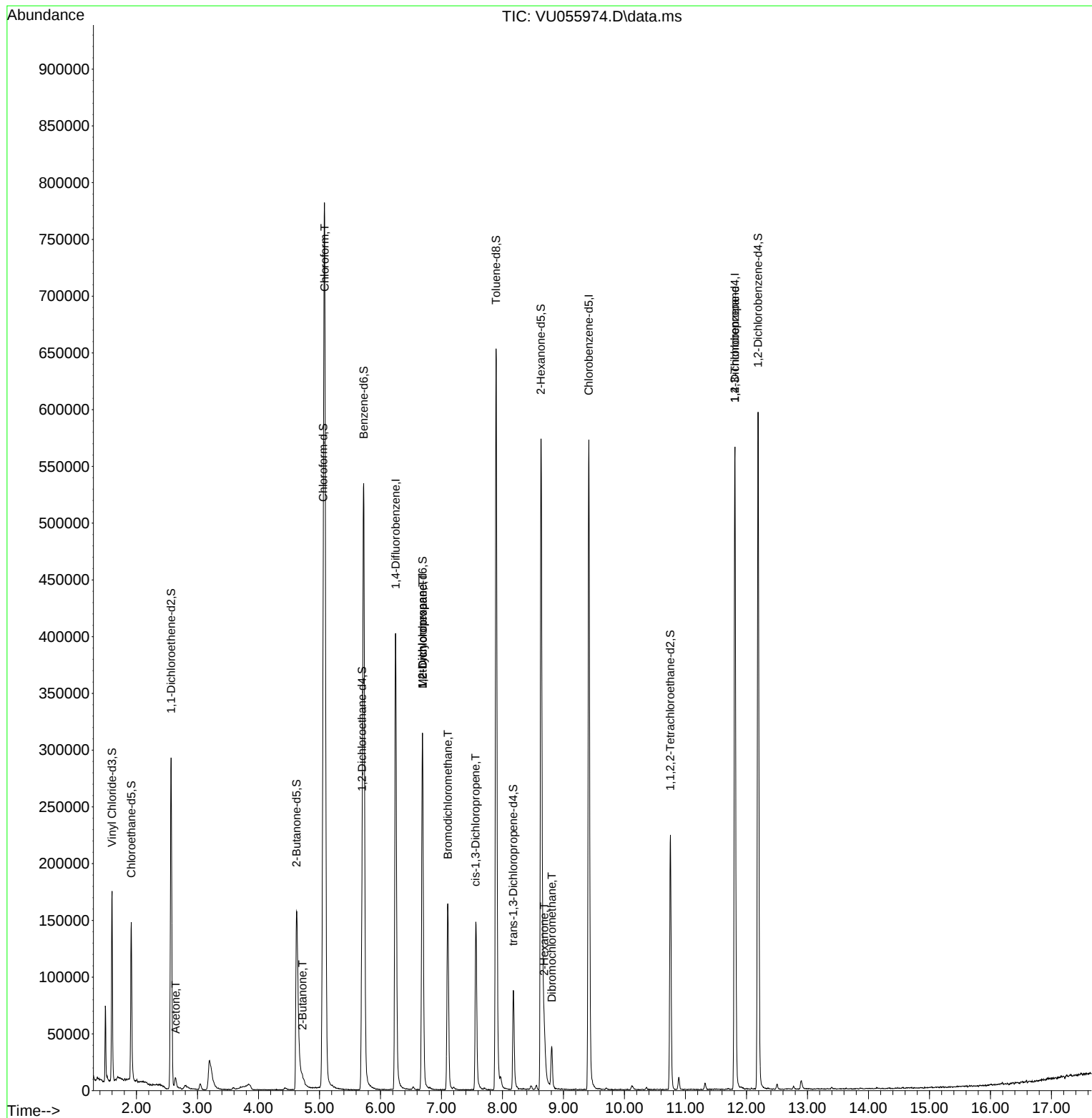
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	345358	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	344287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	160856	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	119817	4.386	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.914	69	106920	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.567	65	54829	4.727	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.600%	
20) 2-Butanone-d5	4.624	46	265736	54.524	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.040%	
24) Chloroform-d	5.062	84	286634	5.662	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.200%	
26) 1,2-Dichloroethane-d4	5.698	65	123853	5.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.724	84	529616	5.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.689	67	162582	5.348	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.894	98	462958	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
43) trans-1,3-Dichloroprop...	8.177	79	56173	4.724	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.631	63	211614	70.108	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	140.220%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	116918	5.281	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	166174	5.537	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						
13) Acetone	2.641	43	14048	5.058	ug/L	98
21) 2-Butanone	4.721	43	8406	2.059	ug/L	83
25) Chloroform	5.084	83	663566	18.365	ug/L	99
35) Methylcyclohexane	6.689	83	36959	1.288	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	16717	0.829	ug/L #	89
38) Bromodichloromethane	7.103	83	113786	4.493	ug/L	99
39) cis-1,3-Dichloropropene	7.560	75	3348	0.116	ug/L #	65
48) 2-Hexanone	8.685	43	24479	3.201	ug/L #	82
49) Dibromochloromethane	8.808	129	18839	1.210	ug/L	100
61) 1,2,3-Trichloropropane	11.811	75	18528	1.678	ug/L #	66

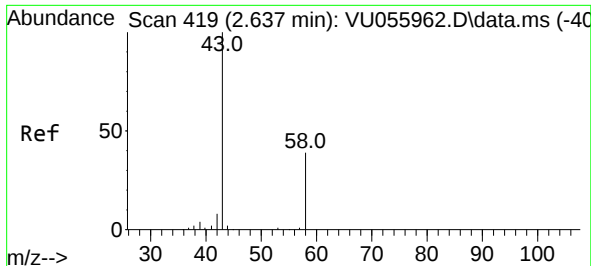
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.058 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU055974.D

Acq: 28 Oct 2023 15:16

Instrument :

MSVOA_U

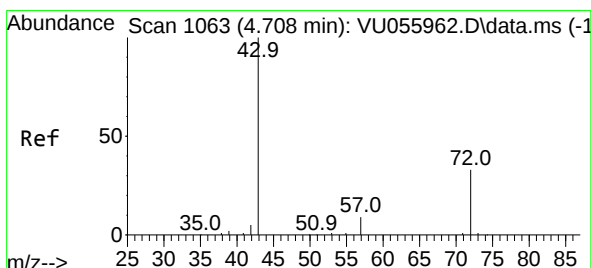
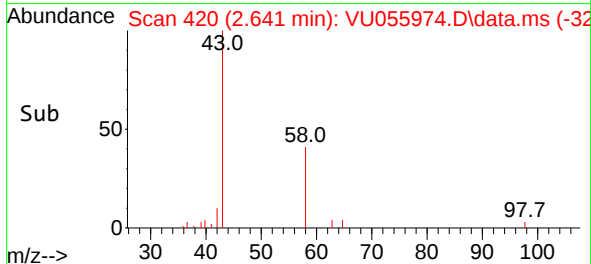
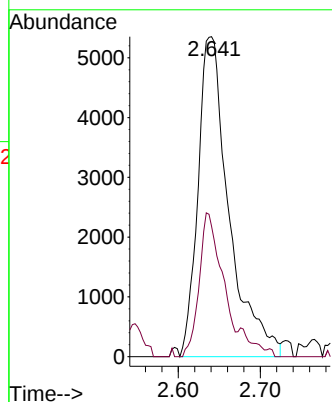
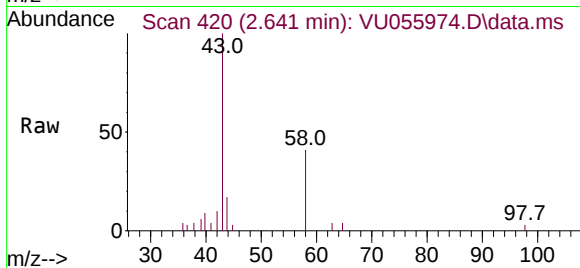
ClientSampleId :

Tgt Ion: 43 Resp: 14048

Ion Ratio Lower Upper

43 100

58 33.5 0.0 69.0



#21

2-Butanone

Concen: 2.059 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.013 min

Lab File: VU055974.D

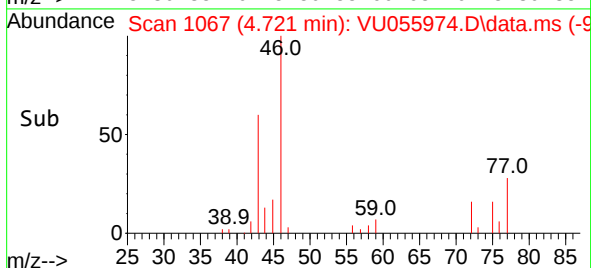
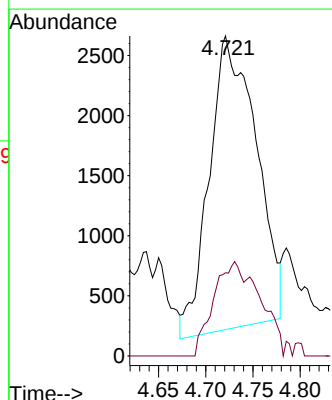
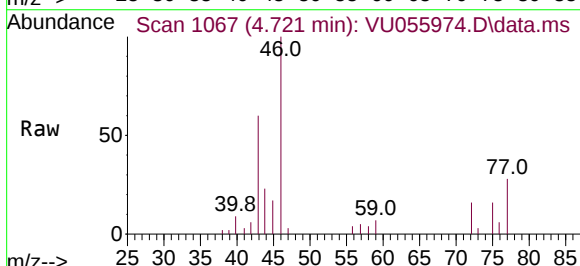
Acq: 28 Oct 2023 15:16

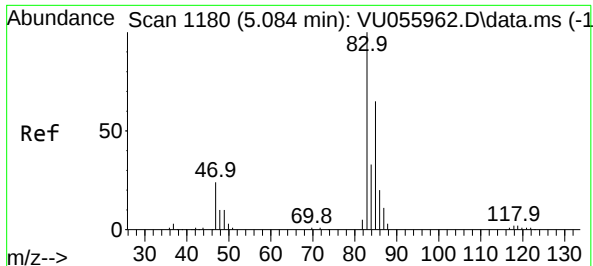
Tgt Ion: 43 Resp: 8406

Ion Ratio Lower Upper

43 100

72 19.7 14.4 43.4

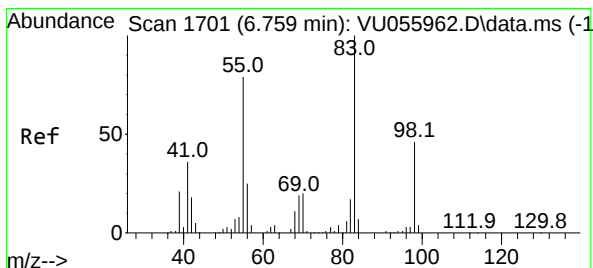
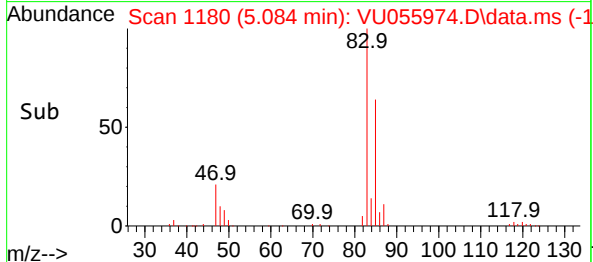
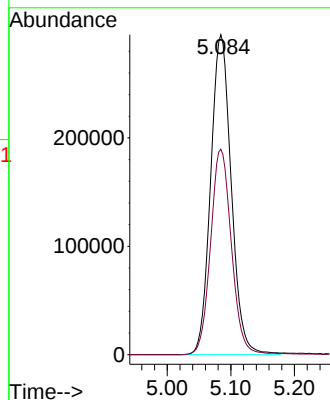
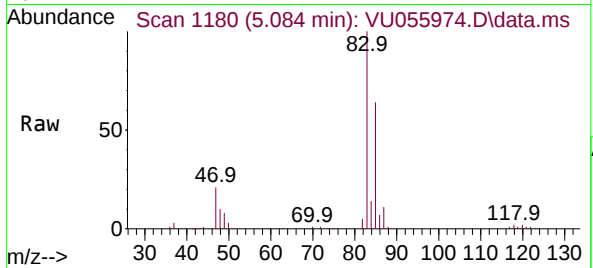




#25
Chloroform
Concen: 18.365 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055974.D
Acq: 28 Oct 2023 15:16

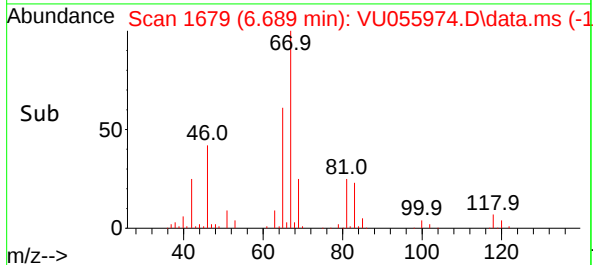
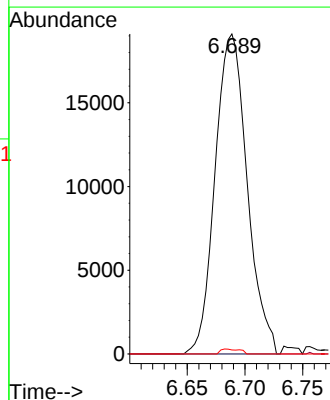
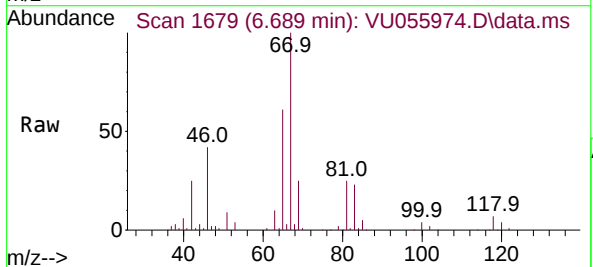
Instrument :
MSVOA_U
ClientSampleId :

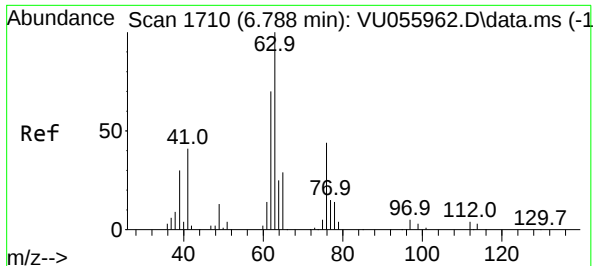
Tgt Ion: 83 Resp: 663566
Ion Ratio Lower Upper
83 100
85 64.2 45.6 84.8



#35
Methylcyclohexane
Concen: 1.288 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055974.D
Acq: 28 Oct 2023 15:16

Tgt Ion: 83 Resp: 36959
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.9 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.829 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055974.D

Acq: 28 Oct 2023 15:16

Instrument :

MSVOA_U

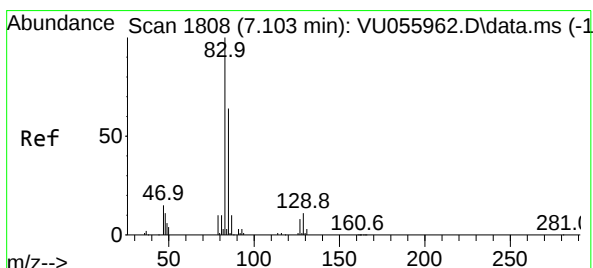
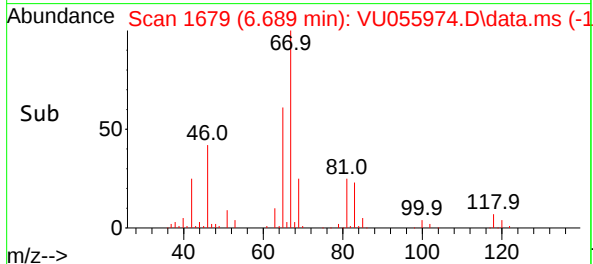
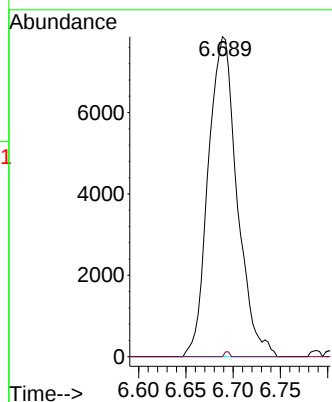
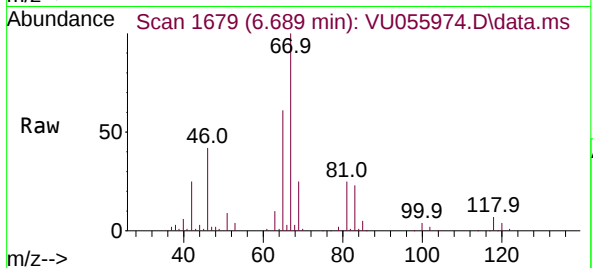
ClientSampleId :

Tgt Ion: 63 Resp: 16717

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#38

Bromodichloromethane

Concen: 4.493 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055974.D

Acq: 28 Oct 2023 15:16

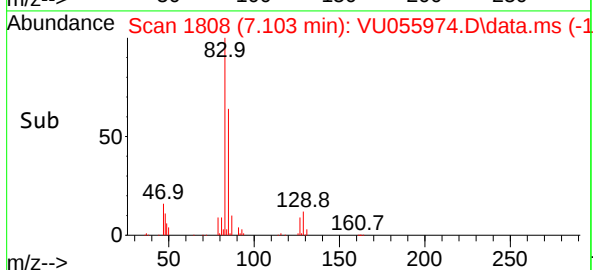
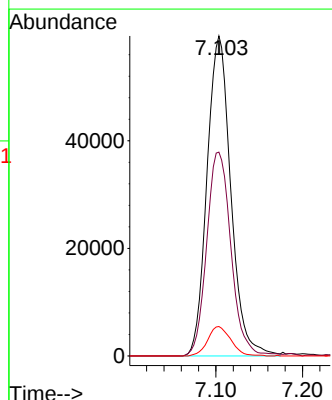
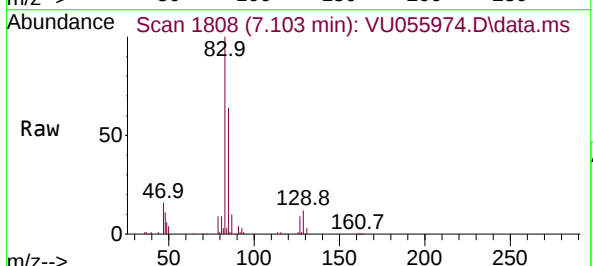
Tgt Ion: 83 Resp: 113786

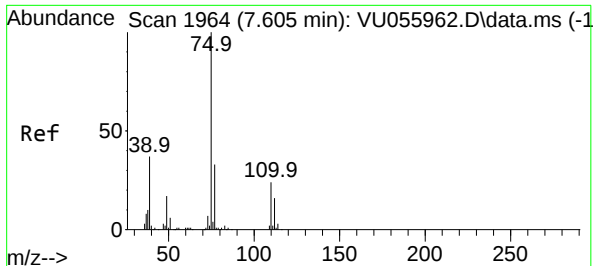
Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.3

127 9.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

Lab File: VU055974.D

Acq: 28 Oct 2023 15:16

Instrument :

MSVOA_U

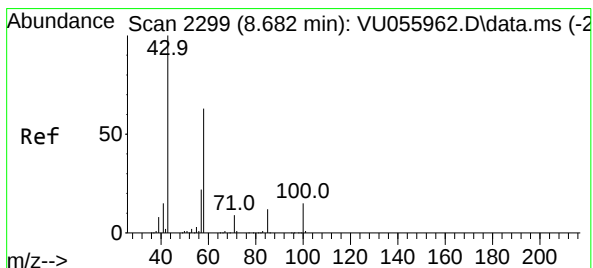
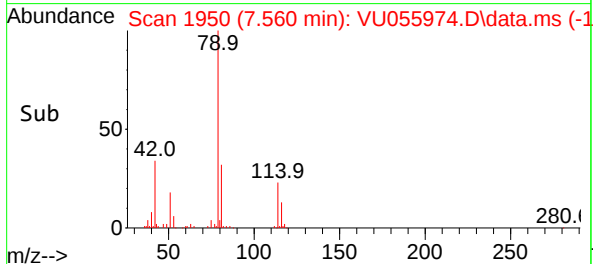
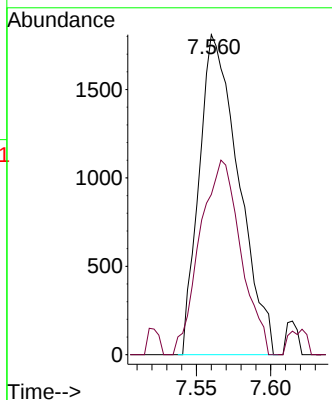
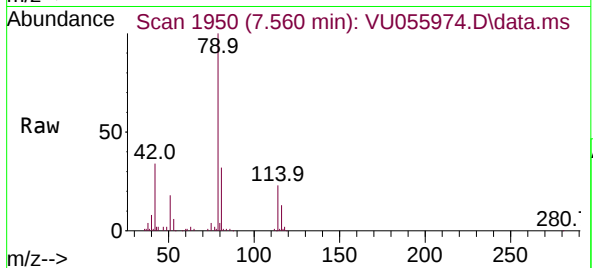
ClientSampleId :

Tgt Ion: 75 Resp: 3348

Ion Ratio Lower Upper

75 100

77 50.1 21.7 40.3#



#48

2-Hexanone

Concen: 3.201 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055974.D

Acq: 28 Oct 2023 15:16

Tgt Ion: 43 Resp: 24479

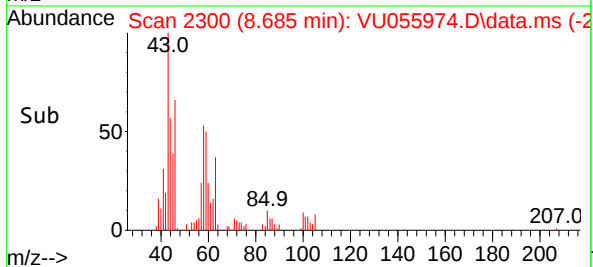
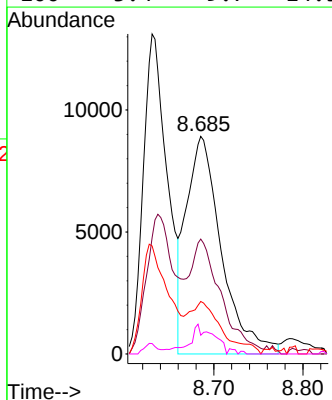
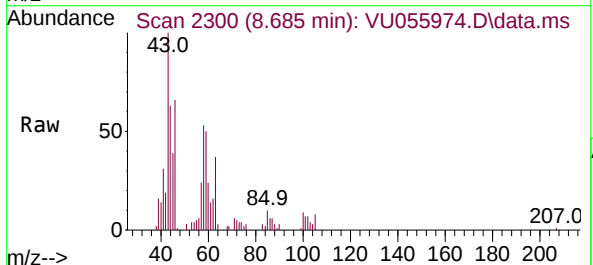
Ion Ratio Lower Upper

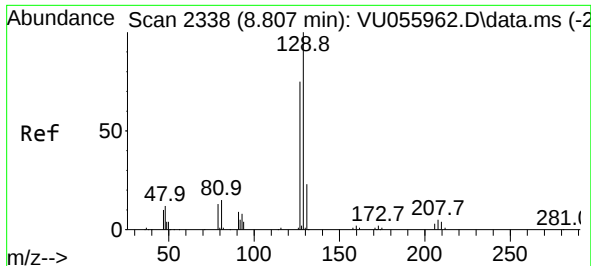
43 100

58 44.6 49.5 74.3#

57 22.3 16.9 25.3

100 3.4 9.7 14.5#





#49

Dibromochloromethane

Concen: 1.210 ug/L

RT: 8.808 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055974.D

Acq: 28 Oct 2023 15:16

Instrument :

MSVOA_U

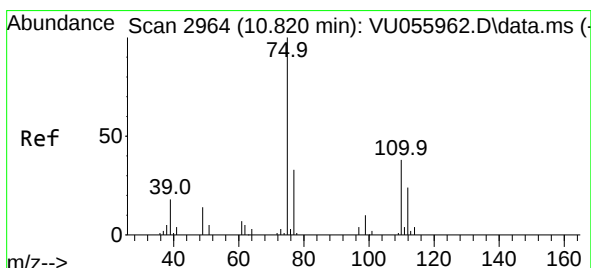
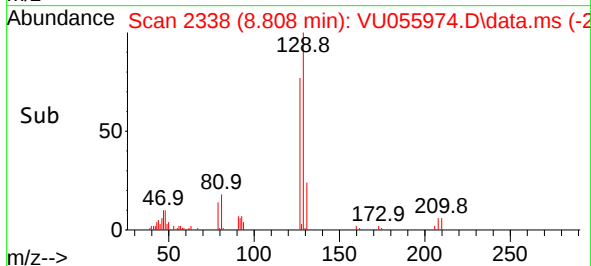
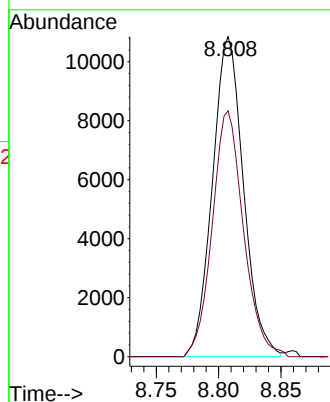
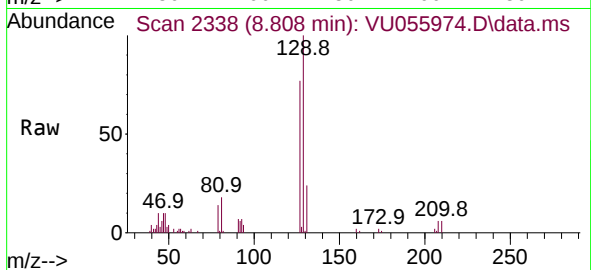
ClientSampleId :

Tgt Ion:129 Resp: 18839

Ion Ratio Lower Upper

129 100

127 76.9 53.5 99.5



#61

1,2,3-Trichloropropane

Concen: 1.678 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055974.D

Acq: 28 Oct 2023 15:16

Tgt Ion: 75 Resp: 18528

Ion Ratio Lower Upper

75 100

110 1.7 29.0 43.6#

77 33.3 24.5 36.7

