

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055973.D
 Acq On : 28 Oct 2023 14:52
 Operator : MD/SY
 Sample : 05114-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:54:13 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)

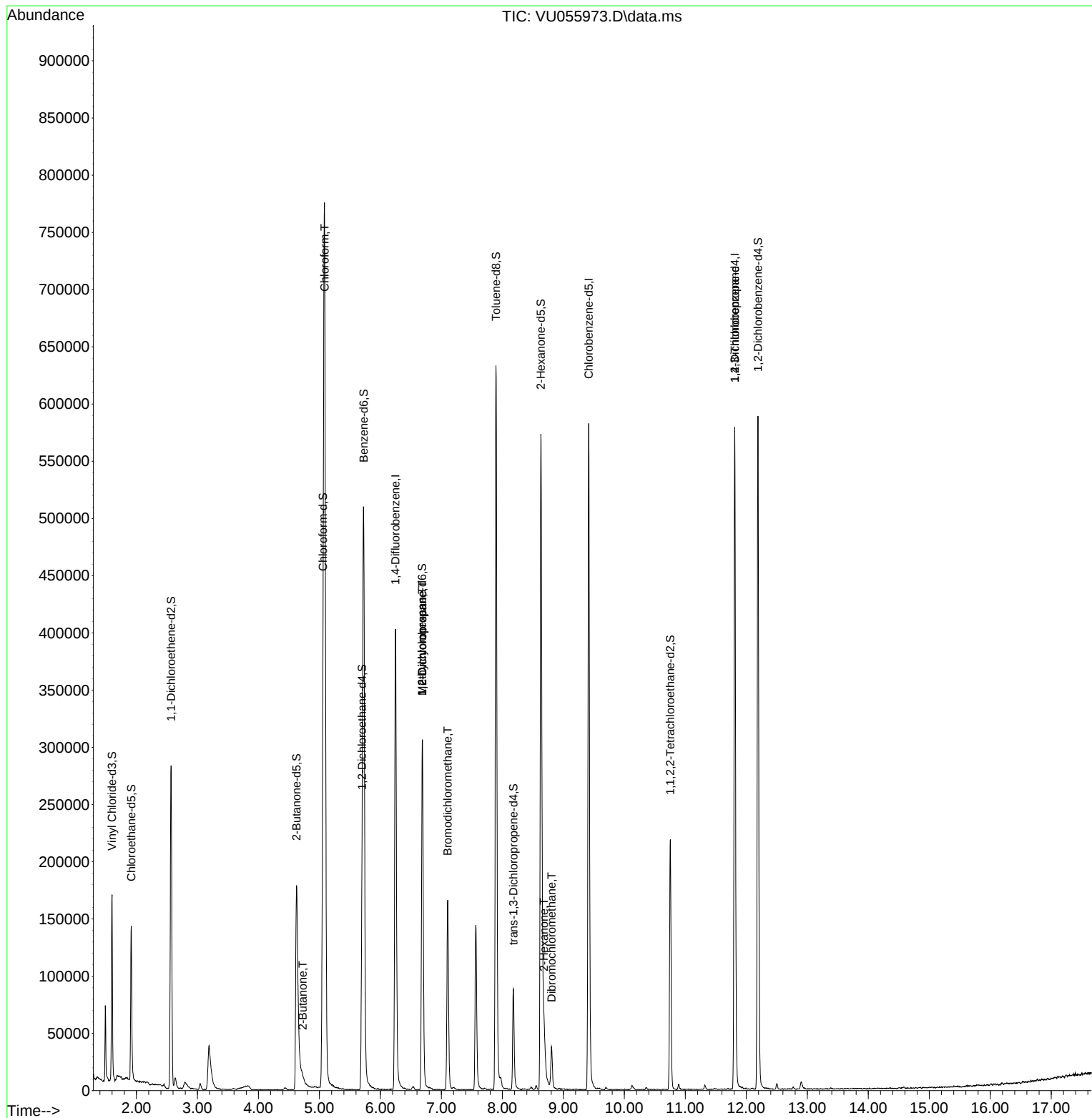
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	346958	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	344562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	164196	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	119001	4.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.914	69	102020	4.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.567	65	55139	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.625	46	259227	52.943	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.880%
24) Chloroform-d	5.059	84	278430	5.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.698	65	121784	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.724	84	516728	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.686	67	156676	5.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.895	98	451296	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.181	79	54676	4.595	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.631	63	209705	69.420	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.840%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	114557	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	163184	5.327	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
21) 2-Butanone	4.724	43	9141	2.229	ug/L	95
25) Chloroform	5.084	83	666651	18.365	ug/L	99
35) Methylcyclohexane	6.686	83	37341	1.301	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	16234	0.804	ug/L #	89
38) Bromodichloromethane	7.104	83	113651	4.484	ug/L #	98
48) 2-Hexanone	8.682	43	19848	2.594	ug/L #	87
49) Dibromochloromethane	8.804	129	19242	1.235	ug/L	93
61) 1,2,3-Trichloropropane	11.811	75	19846	1.761	ug/L #	68

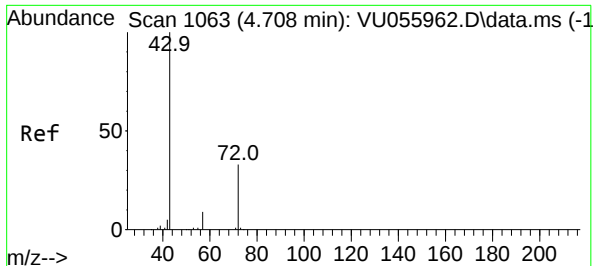
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.229 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.016 min

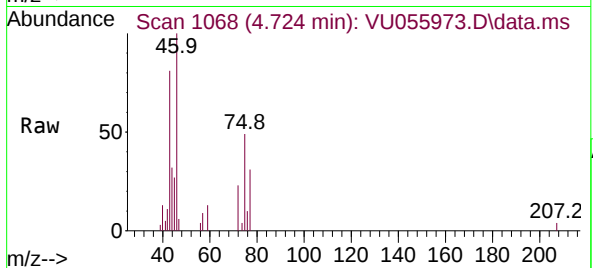
Lab File: VU055973.D

Acq: 28 Oct 2023 14:52

Instrument :

MSVOA_U

ClientSampleId :

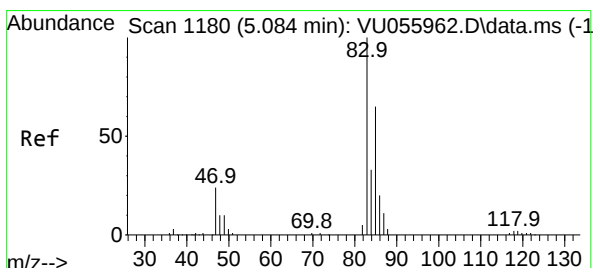
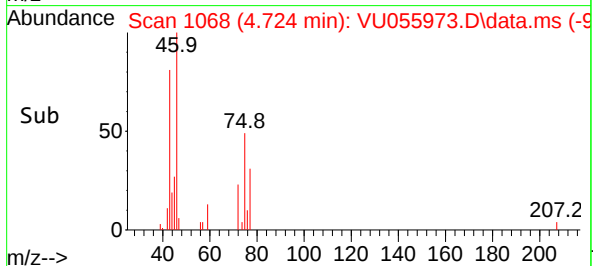
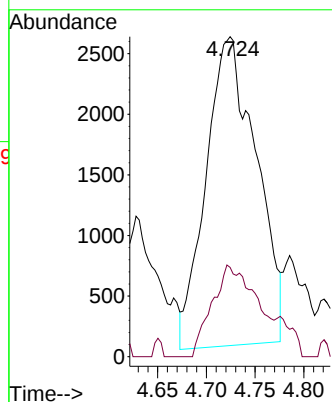


Tgt Ion: 43 Resp: 9141

Ion Ratio Lower Upper

43 100

72 26.2 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: VU055973.D

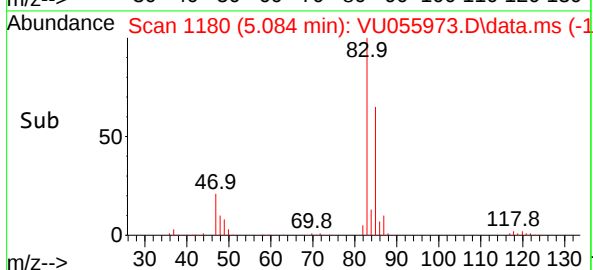
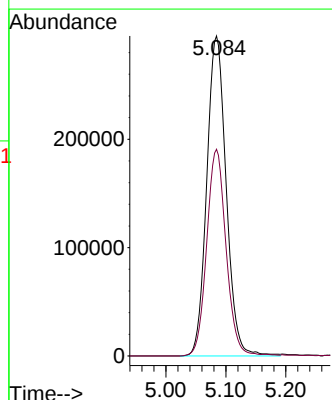
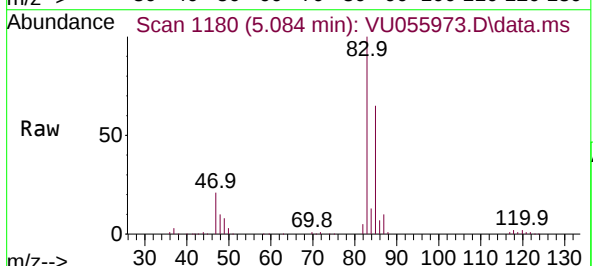
Acq: 28 Oct 2023 14:52

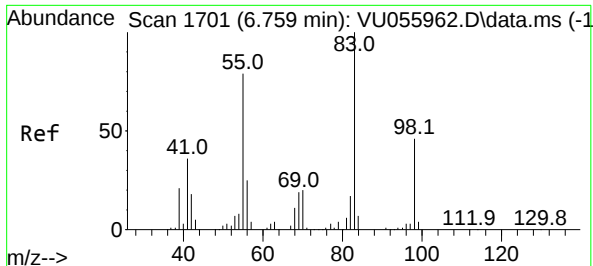
Tgt Ion: 83 Resp: 666651

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.8





#35

Methylcyclohexane

Concen: 1.301 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055973.D

Acq: 28 Oct 2023 14:52

Instrument :

MSVOA_U

ClientSampleId :

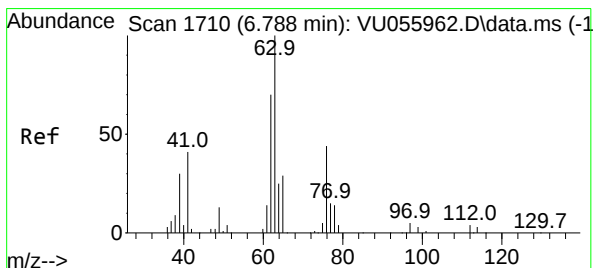
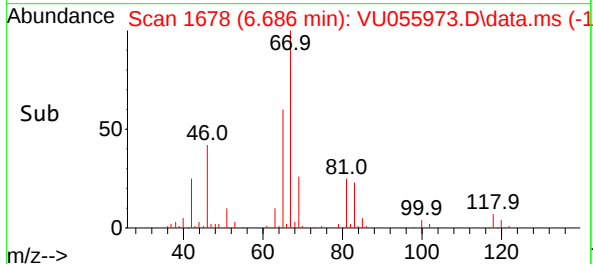
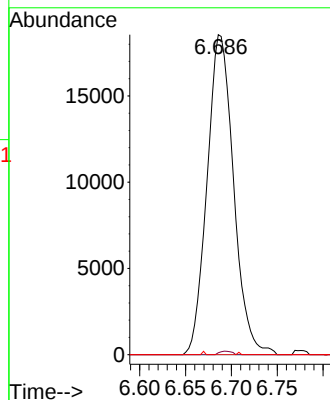
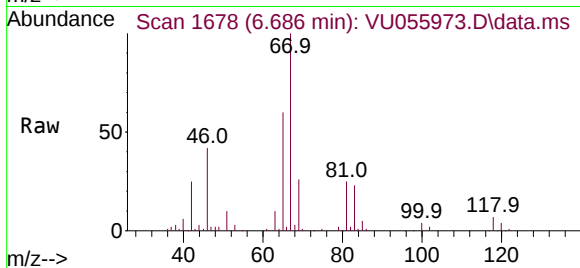
Tgt Ion: 83 Resp: 37341

Ion Ratio Lower Upper

83 100

55 0.5 62.4 93.6#

98 0.1 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.804 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.099 min

Lab File: VU055973.D

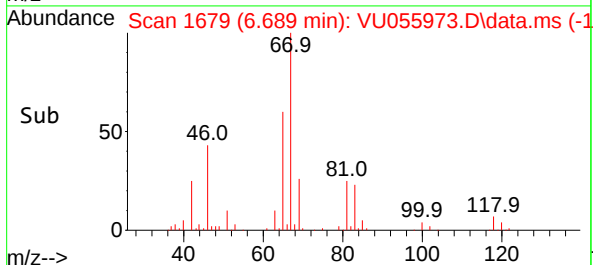
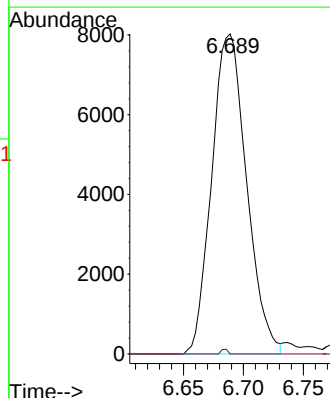
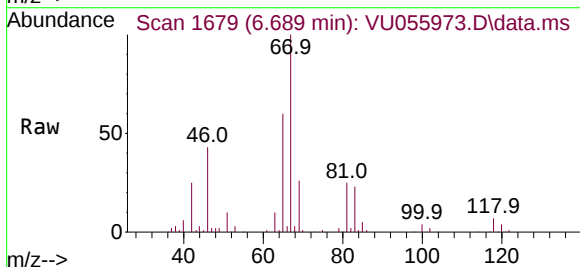
Acq: 28 Oct 2023 14:52

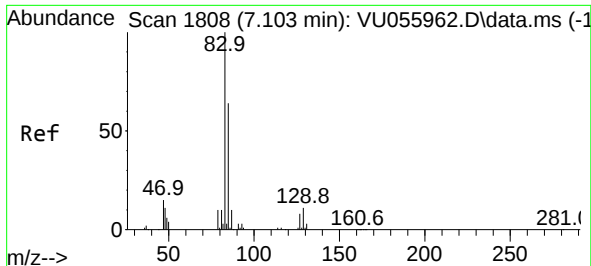
Tgt Ion: 63 Resp: 16234

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#

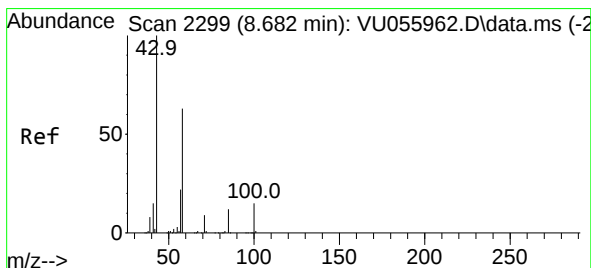
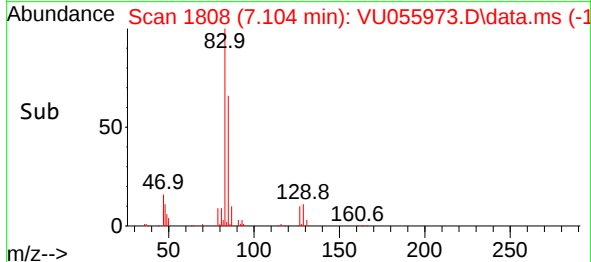
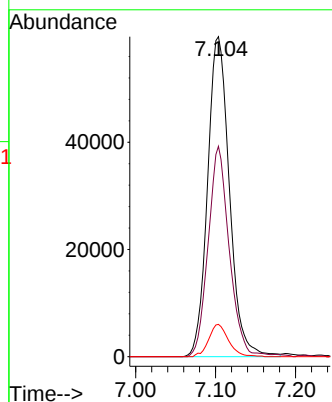
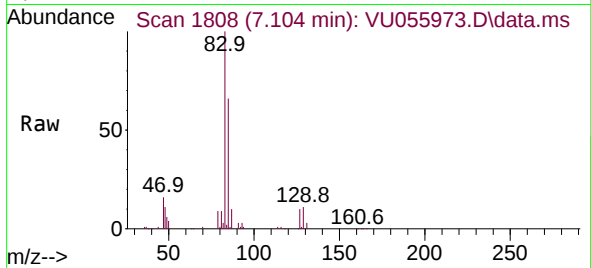




#38
Bromodichloromethane
Concen: 4.484 ug/L
RT: 7.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055973.D
Acq: 28 Oct 2023 14:52

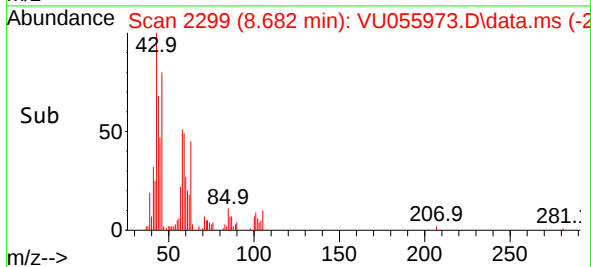
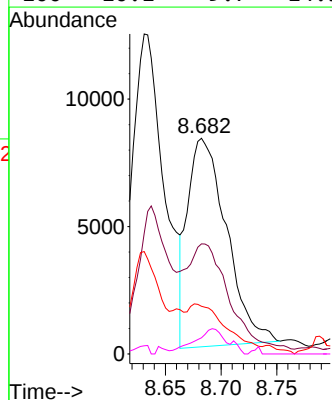
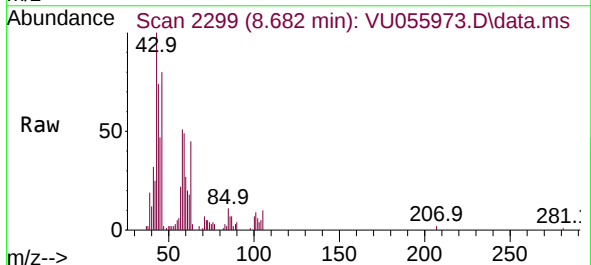
Instrument :
MSVOA_U
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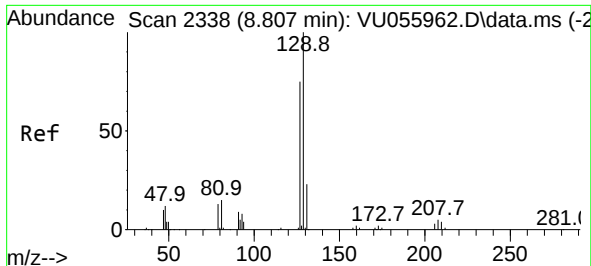
Tgt Ion: 83 Resp: 113651
Ion Ratio Lower Upper
83 100
85 65.7 44.9 83.3
127 10.1 6.6 9.8#



#48
2-Hexanone
Concen: 2.594 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055973.D
Acq: 28 Oct 2023 14:52

Tgt Ion: 43 Resp: 19848
Ion Ratio Lower Upper
43 100
58 49.2 49.5 74.3#
57 18.3 16.9 25.3
100 10.1 9.7 14.5





#49

Dibromochloromethane

Concen: 1.235 ug/L

RT: 8.804 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055973.D

Acq: 28 Oct 2023 14:52

Instrument :

MSVOA_U

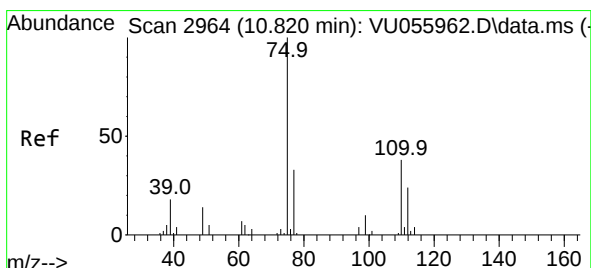
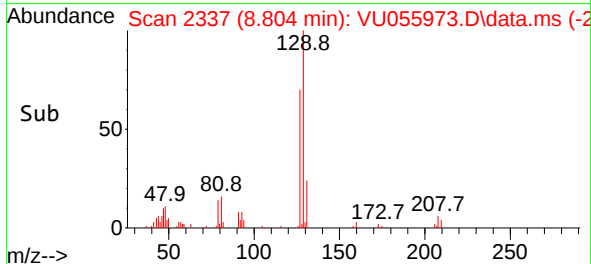
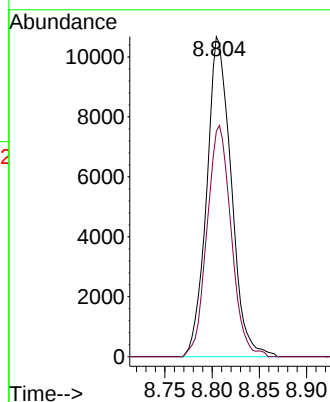
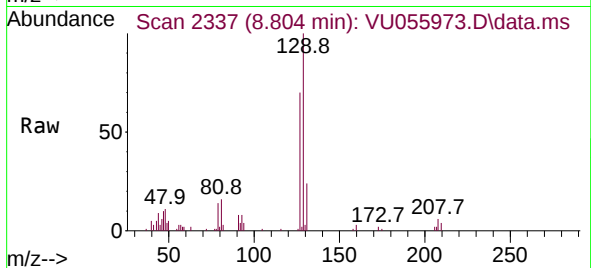
ClientSampleId :

Tgt Ion:129 Resp: 19242

Ion Ratio Lower Upper

129 100

127 70.5 53.5 99.5



#61

1,2,3-Trichloropropane

Concen: 1.761 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.991 min

Lab File: VU055973.D

Acq: 28 Oct 2023 14:52

Tgt Ion: 75 Resp: 19846

Ion Ratio Lower Upper

75 100

110 2.1 29.0 43.6#

77 31.5 24.5 36.7

