

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055976.D
 Acq On : 28 Oct 2023 16:05
 Operator : MD/SY
 Sample : 05114-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:54:57 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

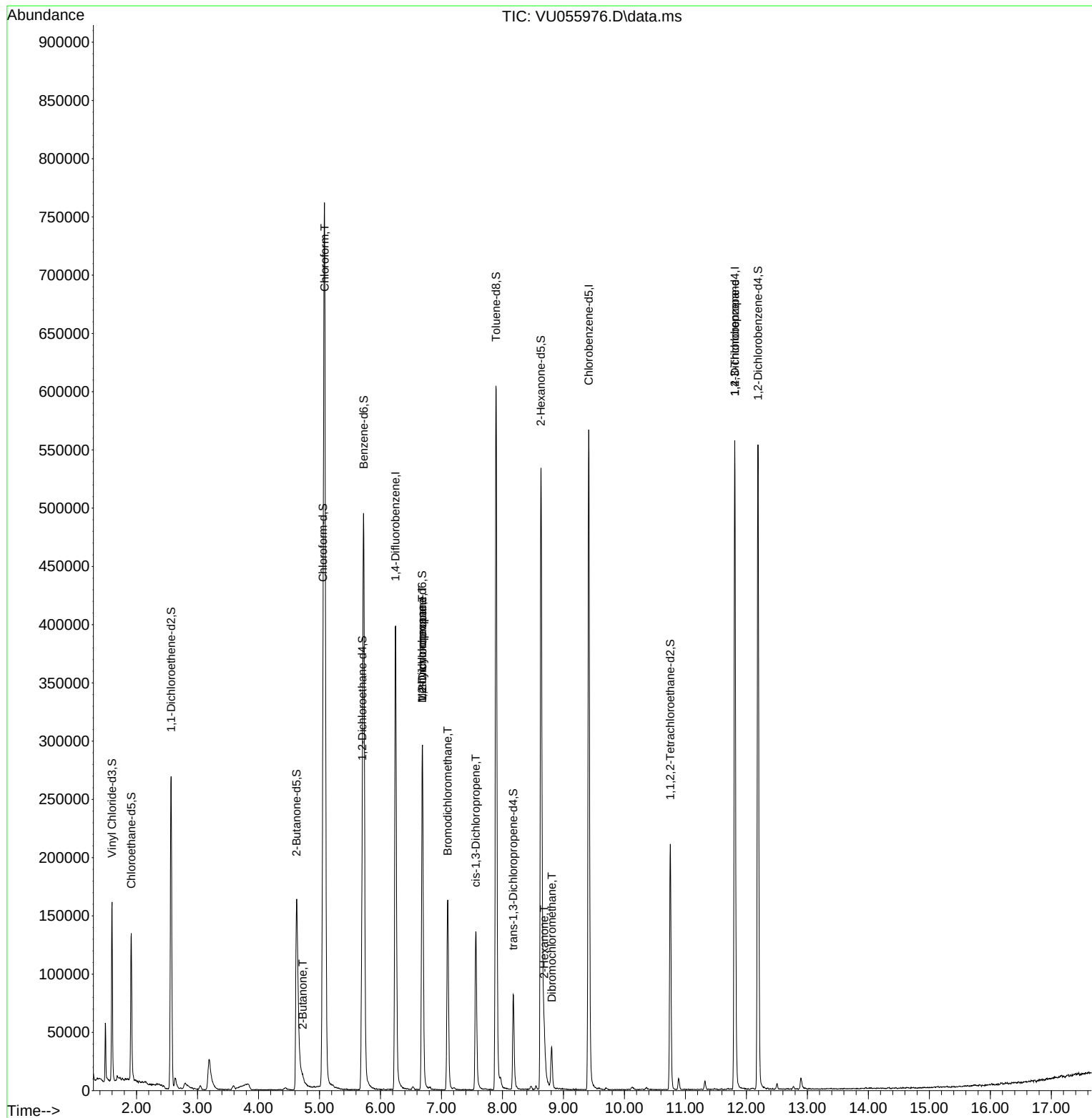
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	345191	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	340143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	159905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	110770	4.057	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.200%	
7) Chloroethane-d5	1.914	69	98018	4.605	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.566	65	51359	4.430	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	4.624	46	241515	49.578	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.160%	
24) Chloroform-d	5.058	84	267824	5.293	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.800%	
26) 1,2-Dichloroethane-d4	5.701	65	115881	4.701	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.724	84	497105	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.685	67	149502	4.977	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.894	98	433600	4.717	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	8.177	79	53442	4.549	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.631	63	196366	65.849	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.700%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	109740	5.017	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	154213	5.169	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
21) 2-Butanone	4.724	43	7127	1.746	ug/L	89
25) Chloroform	5.084	83	649111	17.974	ug/L	99
35) Methylcyclohexane	6.685	83	35696	1.260	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	14786	0.742	ug/L #	89
38) Bromodichloromethane	7.103	83	114596	4.580	ug/L	96
39) cis-1,3-Dichloropropene	7.563	75	3705	0.130	ug/L #	47
48) 2-Hexanone	8.685	43	20483	2.711	ug/L #	82
49) Dibromochloromethane	8.807	129	18081	1.175	ug/L	98
61) 1,2,3-Trichloropropane	11.810	75	18053	1.644	ug/L #	65

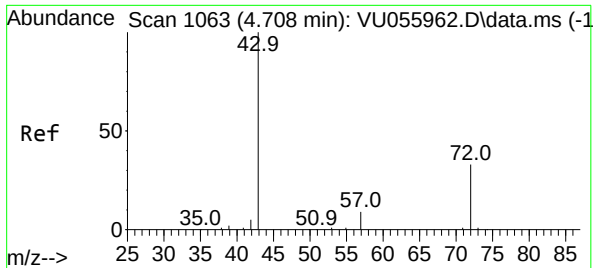
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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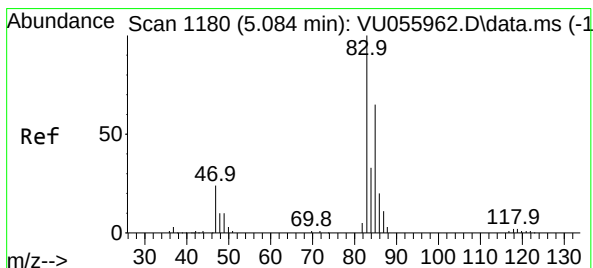
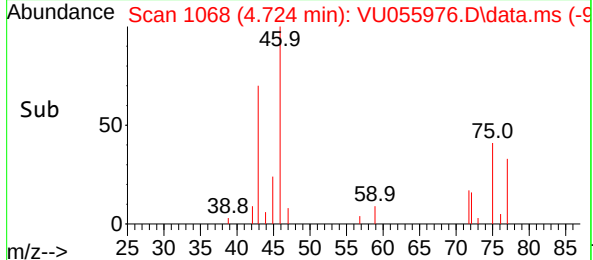
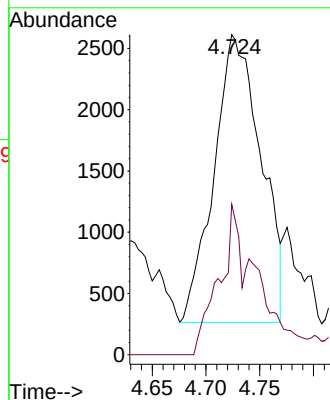
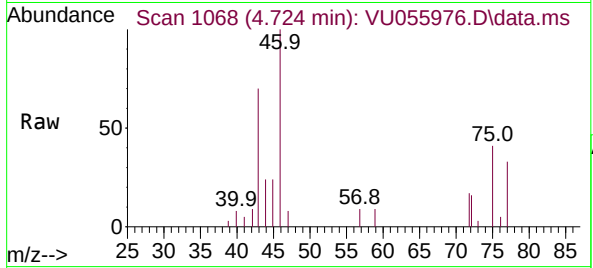




#21
2-Butanone
Concen: 1.746 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.016 min
Lab File: VU055976.D
Acq: 28 Oct 2023 16:05

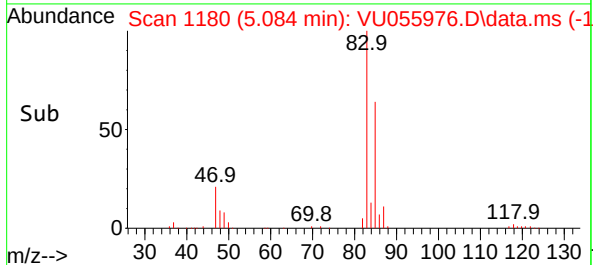
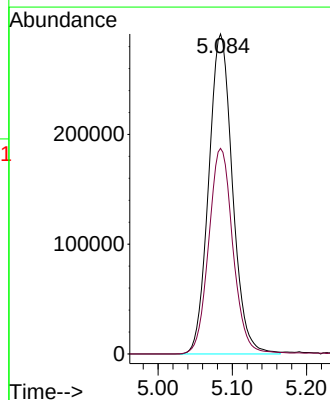
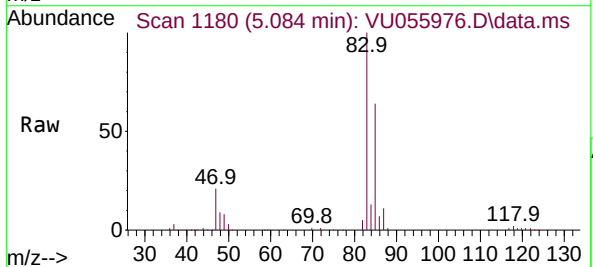
Instrument :
MSVOA_U
ClientSampleId :

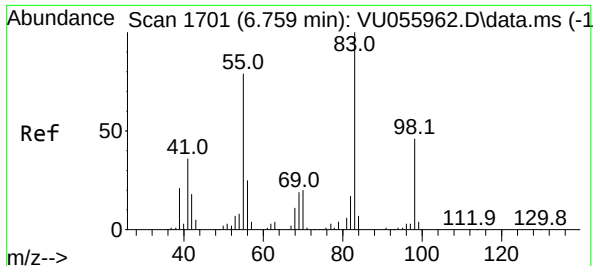
Tgt Ion: 43 Resp: 7127
Ion Ratio Lower Upper
43 100
72 22.9 14.4 43.4



#25
Chloroform
Concen: 17.974 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU055976.D
Acq: 28 Oct 2023 16:05

Tgt Ion: 83 Resp: 649111
Ion Ratio Lower Upper
83 100
85 64.3 45.6 84.8

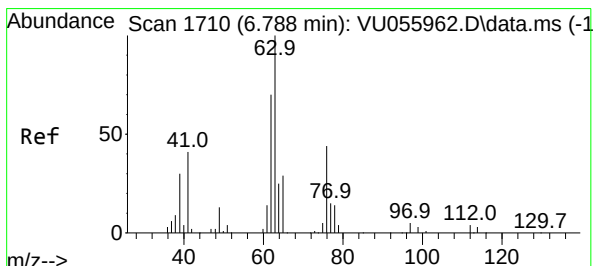
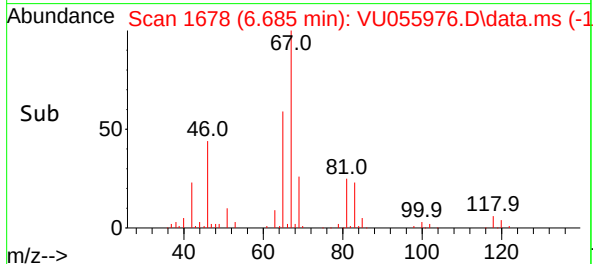
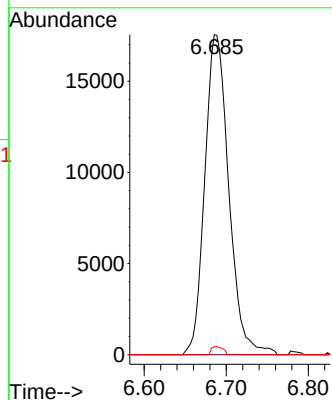
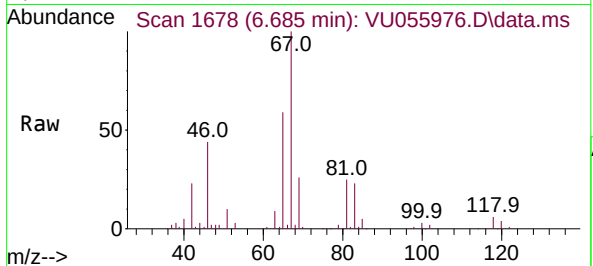




#35
Methylcyclohexane
Concen: 1.260 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055976.D
Acq: 28 Oct 2023 16:05

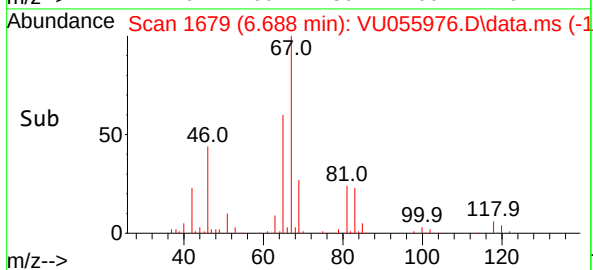
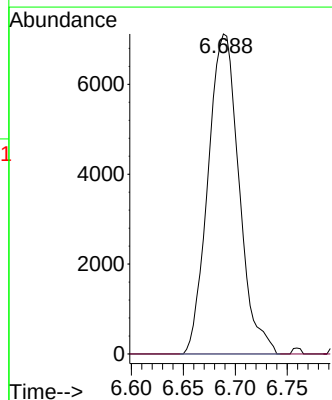
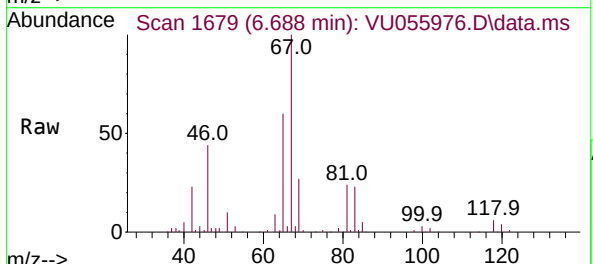
Instrument :
MSVOA_U
ClientSampleId :

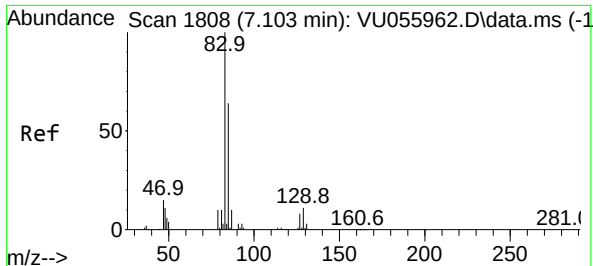
Tgt Ion: 83 Resp: 35696
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 1.2 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055976.D
Acq: 28 Oct 2023 16:05

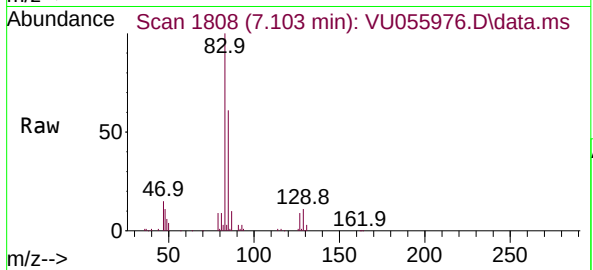
Tgt Ion: 63 Resp: 14786
Ion Ratio Lower Upper
63 100
112 0.1 3.1 4.7#



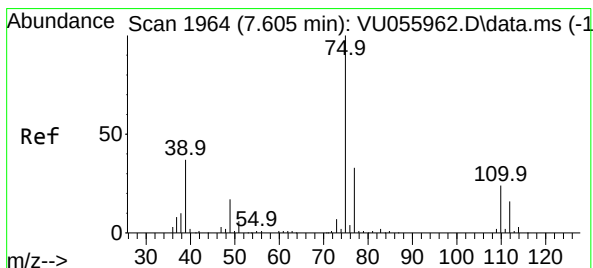
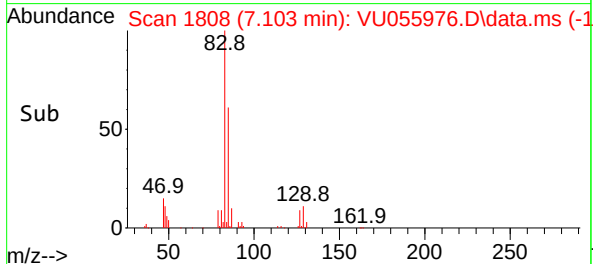
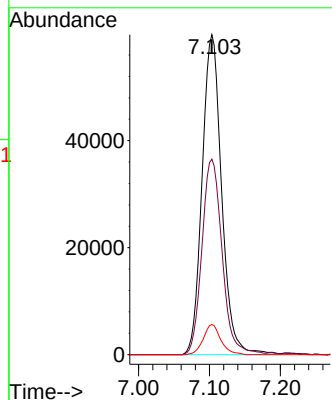


#38
Bromodichloromethane
Concen: 4.580 ug/L
RT: 7.103 min Scan# 114596
Delta R.T. -0.000 min
Lab File: VU055976.D
Acq: 28 Oct 2023 16:05

Instrument :
MSVOA_U
ClientSampleId :

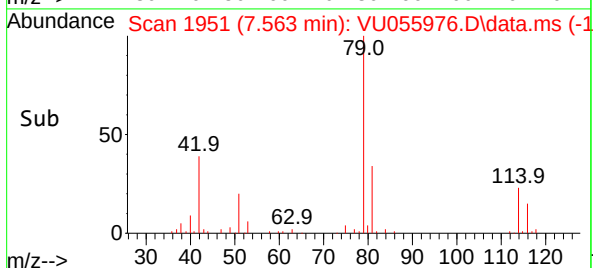
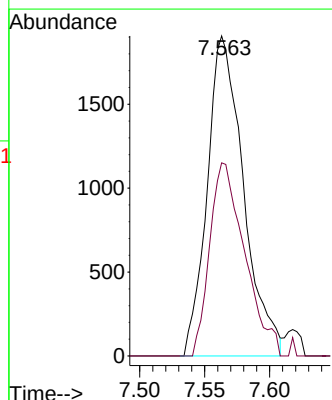
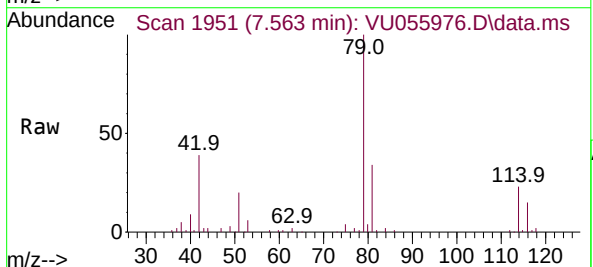


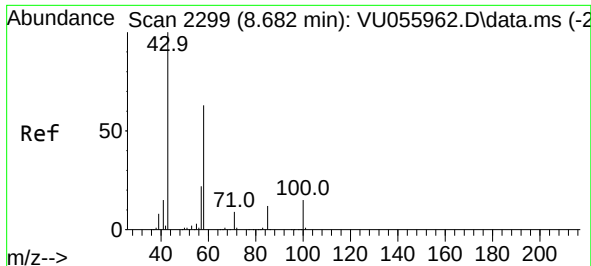
Tgt Ion: 83 Resp: 114596
Ion Ratio Lower Upper
83 100
85 61.1 44.9 83.3
127 9.5 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.042 min
Lab File: VU055976.D
Acq: 28 Oct 2023 16:05

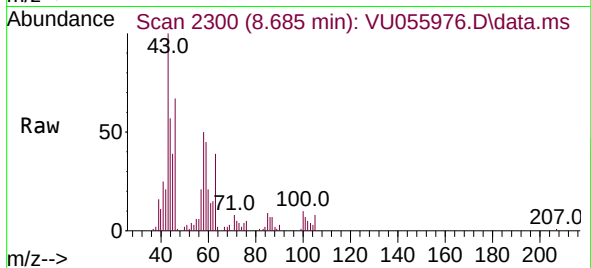
Tgt Ion: 75 Resp: 3705
Ion Ratio Lower Upper
75 100
77 60.4 21.7 40.3#



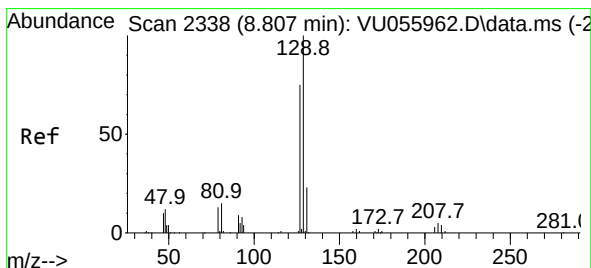
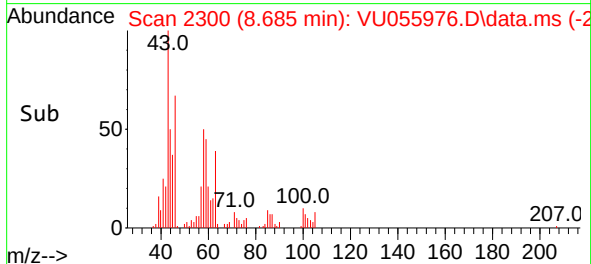
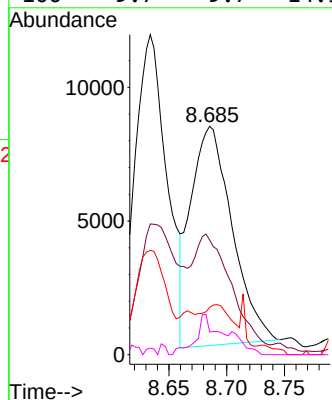


#48
2-Hexanone
Concen: 2.711 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055976.D
Acq: 28 Oct 2023 16:05

Instrument :
MSVOA_U
ClientSampleId :

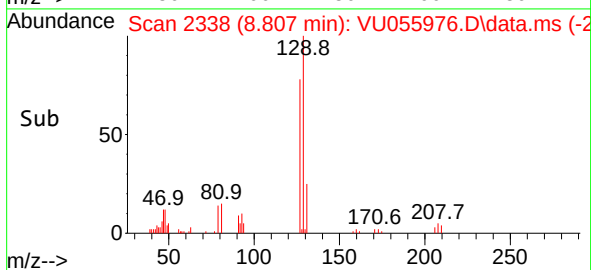
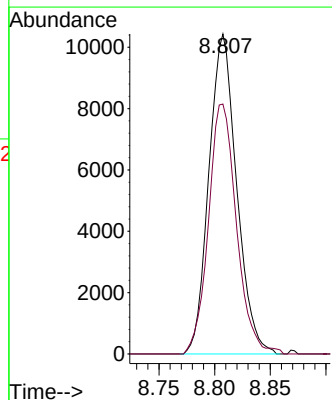
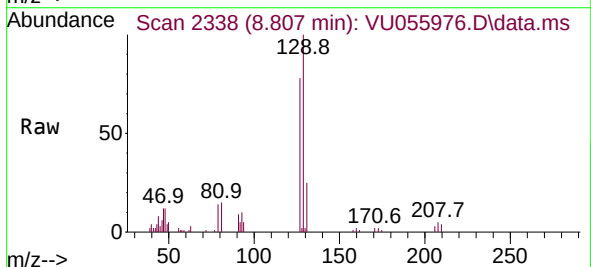


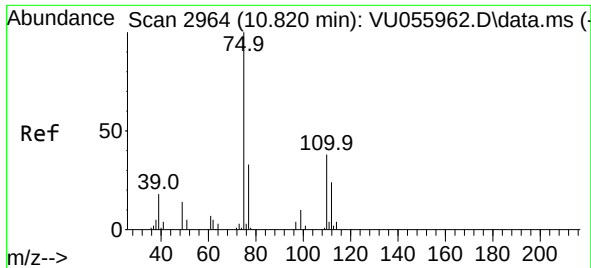
Tgt Ion: 43 Resp: 20483
Ion Ratio Lower Upper
43 100
58 46.3 49.5 74.3#
57 11.6 16.9 25.3#
100 9.7 9.7 14.5



#49
Dibromochloromethane
Concen: 1.175 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055976.D
Acq: 28 Oct 2023 16:05

Tgt Ion: 129 Resp: 18081
Ion Ratio Lower Upper
129 100
127 78.1 53.5 99.5





#61

1,2,3-Trichloropropane

Concen: 1.644 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

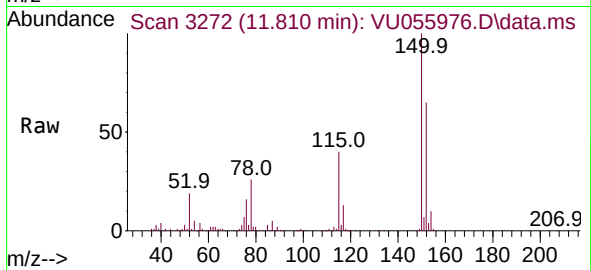
Lab File: VU055976.D

Acq: 28 Oct 2023 16:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 18053

Ion Ratio Lower Upper

75 100

110 2.3 29.0 43.6#

77 35.1 24.5 36.7

