

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052840.D
 Acq On : 27 Jan 2023 12:40
 Operator : JC/MD
 Sample : 01295-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0LC4

Quant Time: Jan 27 22:22:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

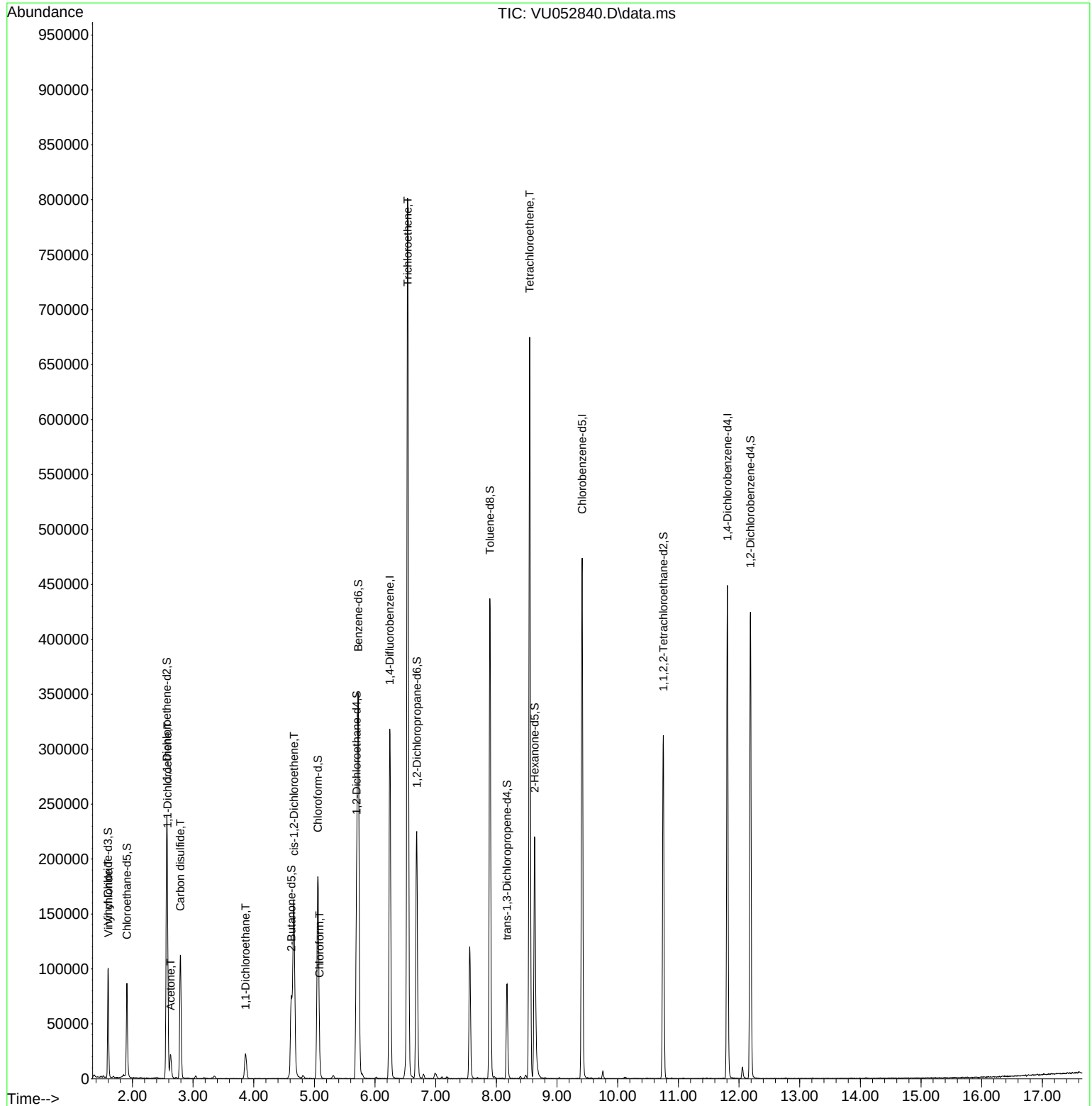
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	267750	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	267858	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70312	36.485	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	72.980%	
7) Chloroethane-d5	1.909	69	65482	41.238	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.480%	
11) 1,1-Dichloroethene-d2	2.565	63	127561	33.279	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.560%	
21) 2-Butanone-d5	4.620	46	106297	89.288	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.290%	
24) Chloroform-d	5.057	84	175589	42.693	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.380%	
26) 1,2-Dichloroethane-d4	5.697	65	116628	44.411	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.820%	
32) Benzene-d6	5.723	84	334989	40.935	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.860%	
36) 1,2-Dichloropropane-d6	6.687	67	102659	42.773	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	85.540%	
41) Toluene-d8	7.893	98	292794	39.292	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	78.580%#	
43) trans-1,3-Dichloroprop...	8.173	79	50956	42.359	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.720%	
47) 2-Hexanone-d5	8.629	63	73986	87.732	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.730%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	145566	41.050	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	82.100%	
66) 1,2-Dichlorobenzene-d4	12.189	152	119756	49.129	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.260%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	5544	2.424	ug/L #	82
12) 1,1-Dichloroethene	2.578	96	34028	17.180	ug/L #	66
13) Acetone	2.630	43	26900	18.501	ug/L	94
14) Carbon disulfide	2.790	76	150103	25.091	ug/L	99
19) 1,1-Dichloroethane	3.864	63	26020	6.931	ug/L	100
20) cis-1,2-Dichloroethene	4.662	96	83872	36.699	ug/L	99
25) Chloroform	5.083	83	5763	1.368	ug/L	97
34) Trichloroethene	6.536	95	268272	115.758	ug/L	96
46) Tetrachloroethene	8.549	164	155136	77.740	ug/L	99

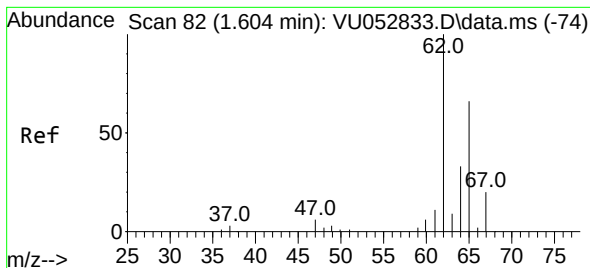
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.424 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052840.D

Acq: 27 Jan 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

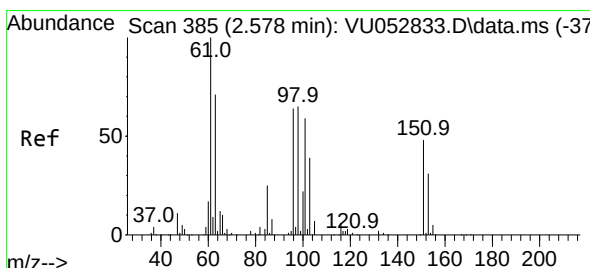
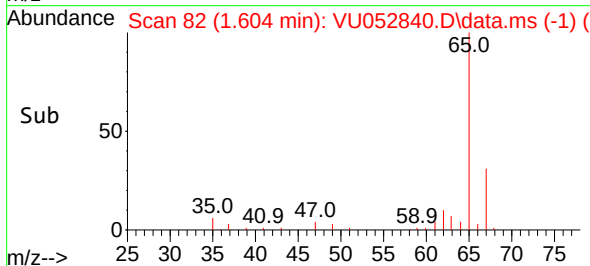
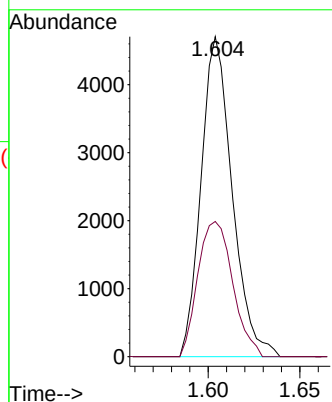
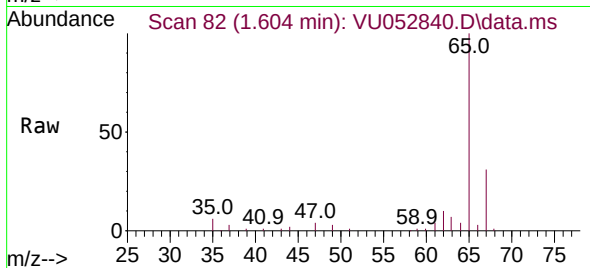
C0LC4

Tgt Ion: 62 Resp: 5544

Ion Ratio Lower Upper

62 100

64 42.2 22.4 41.6#



#12

1,1-Dichloroethene

Concen: 17.180 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU052840.D

Acq: 27 Jan 2023 12:40

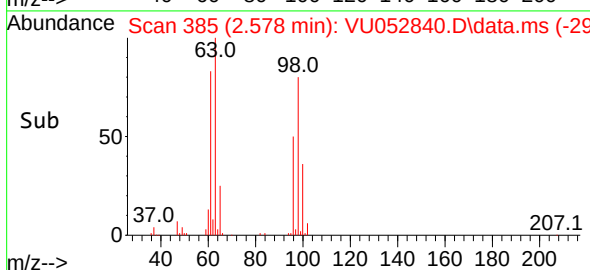
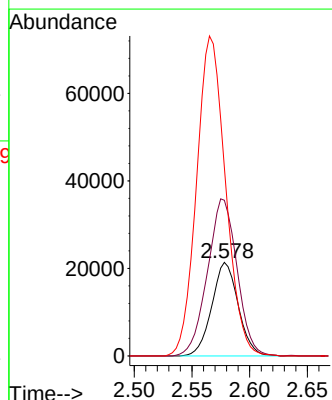
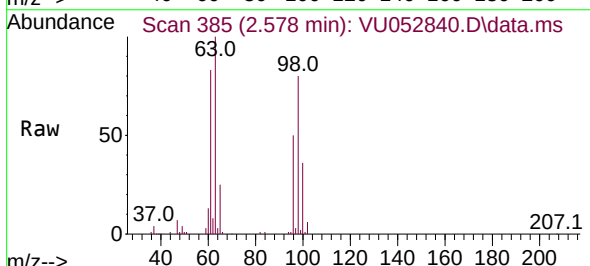
Tgt Ion: 96 Resp: 34028

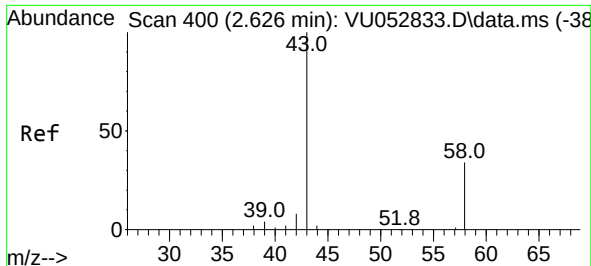
Ion Ratio Lower Upper

96 100

61 166.5 114.3 212.3

63 201.8 80.6 149.6#





#13

Acetone

Concen: 18.501 ug/L

RT: 2.630 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU052840.D

Acq: 27 Jan 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

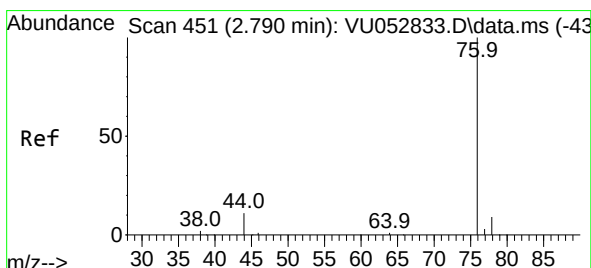
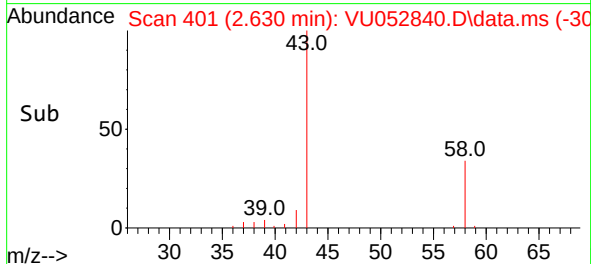
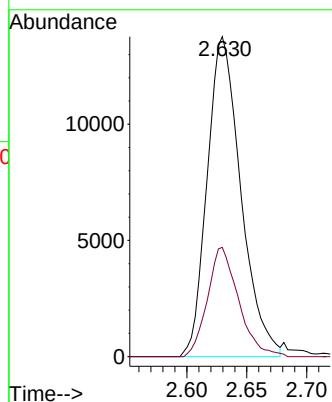
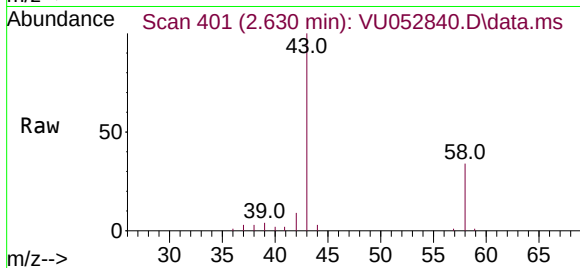
C0LC4

Tgt Ion: 43 Resp: 26900

Ion Ratio Lower Upper

43 100

58 31.6 0.0 70.2



#14

Carbon disulfide

Concen: 25.091 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU052840.D

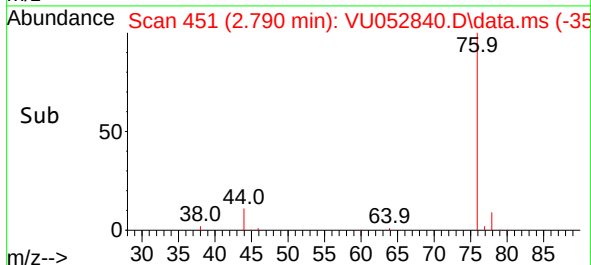
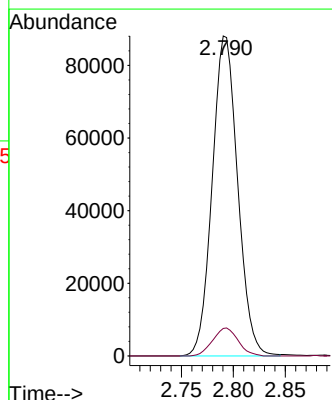
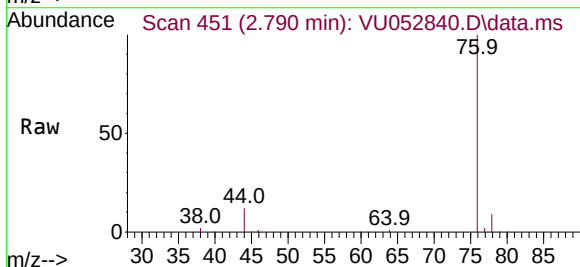
Acq: 27 Jan 2023 12:40

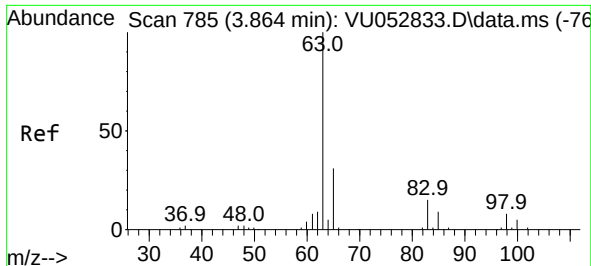
Tgt Ion: 76 Resp: 150103

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

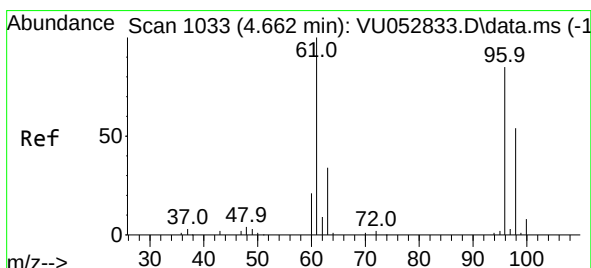
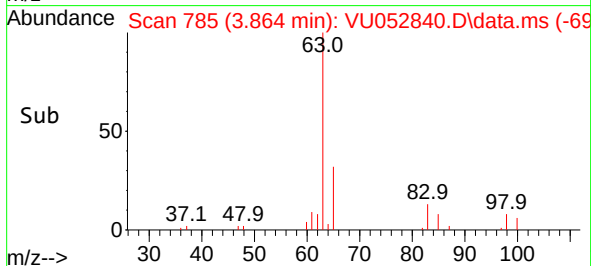
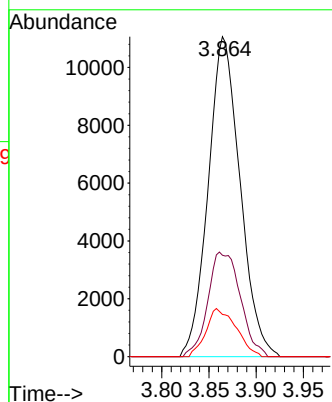
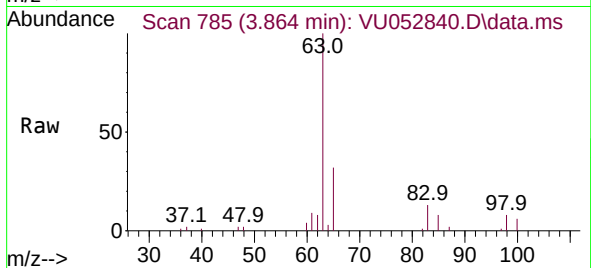




#19
1,1-Dichloroethane
Concen: 6.931 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU052840.D
Acq: 27 Jan 2023 12:40

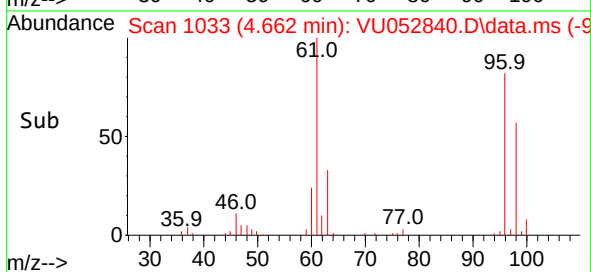
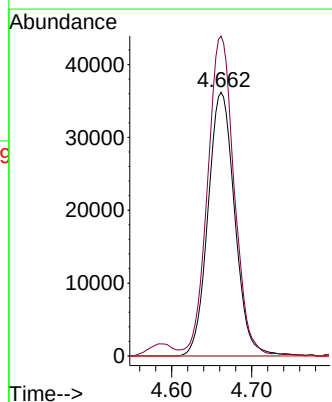
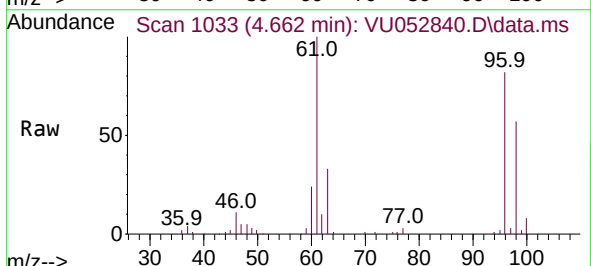
Instrument :
MSVOA_U
ClientSampleId :
COLC4

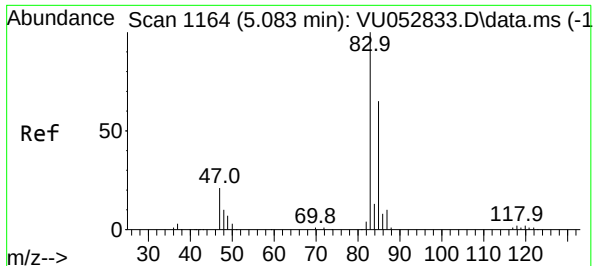
Tgt Ion: 63 Resp: 26020
Ion Ratio Lower Upper
63 100
65 31.7 22.4 41.6
83 13.2 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 36.699 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052840.D
Acq: 27 Jan 2023 12:40

Tgt Ion: 96 Resp: 83872
Ion Ratio Lower Upper
96 100
61 121.4 84.1 156.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.368 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052840.D

Acq: 27 Jan 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

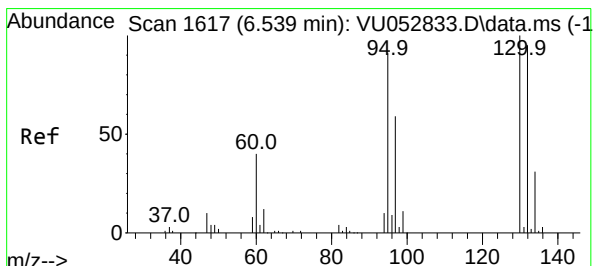
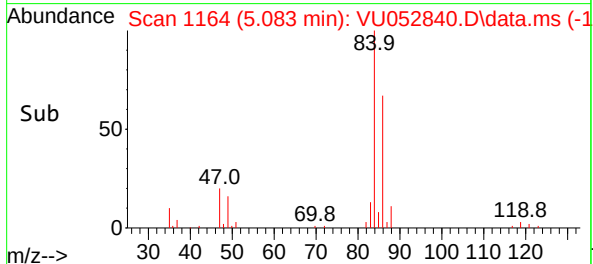
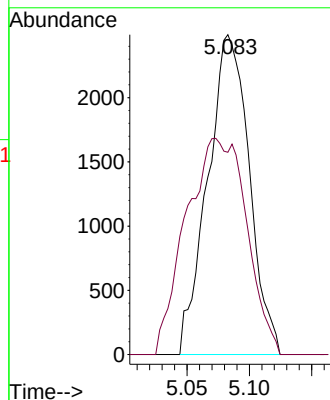
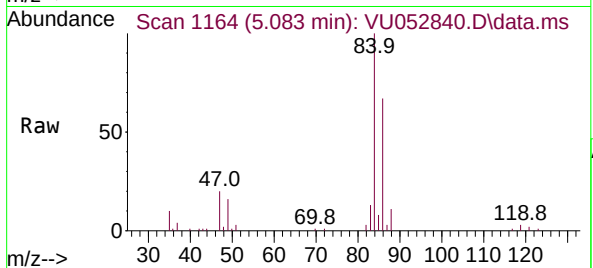
C0LC4

Tgt Ion: 83 Resp: 5763

Ion Ratio Lower Upper

83 100

85 63.2 45.8 85.0



#34

Trichloroethene

Concen: 115.758 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052840.D

Acq: 27 Jan 2023 12:40

Tgt Ion: 95 Resp: 268272

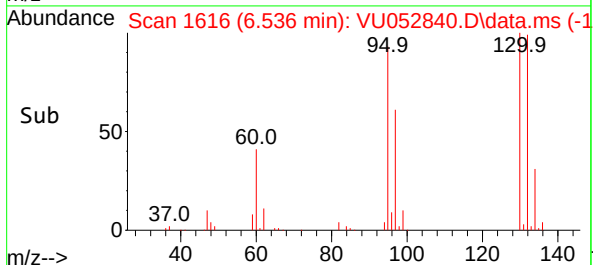
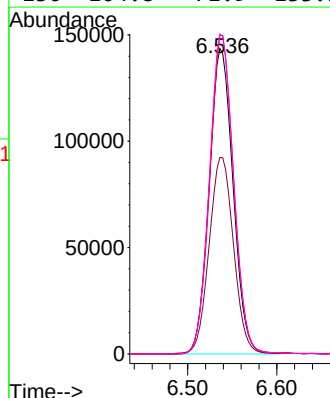
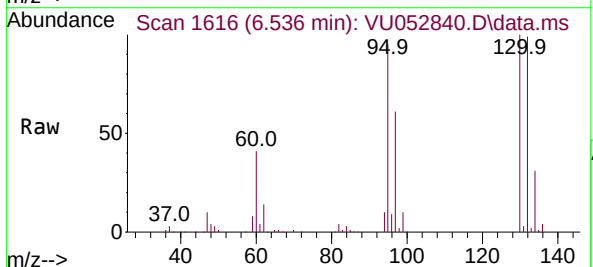
Ion Ratio Lower Upper

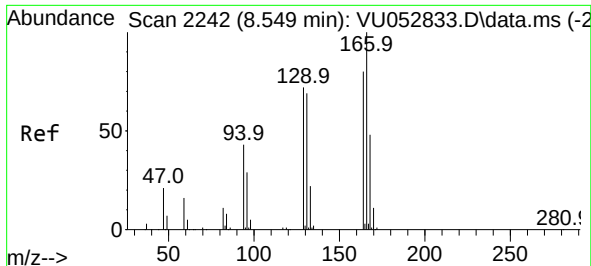
95 100

97 64.3 44.5 82.7

132 104.2 66.8 124.0

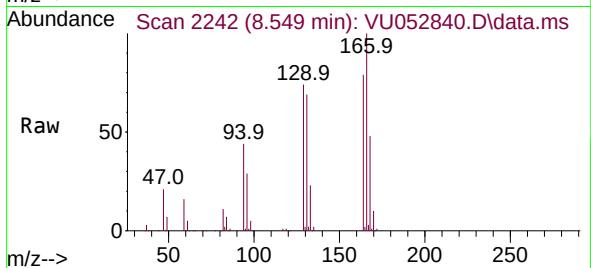
130 104.8 71.9 133.5





#46
Tetrachloroethene
Concen: 77.740 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052840.D
Acq: 27 Jan 2023 12:40

Instrument :
MSVOA_U
ClientSampleId :
C0LC4



Tgt Ion:164 Resp: 155136
Ion Ratio Lower Upper
164 100
129 92.5 64.8 120.3
131 87.3 61.2 113.6
166 125.8 89.2 165.8

