

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050484.D
 Acq On : 29 Aug 2022 15:01
 Operator : SY/MD
 Sample : N4399-02 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:15:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

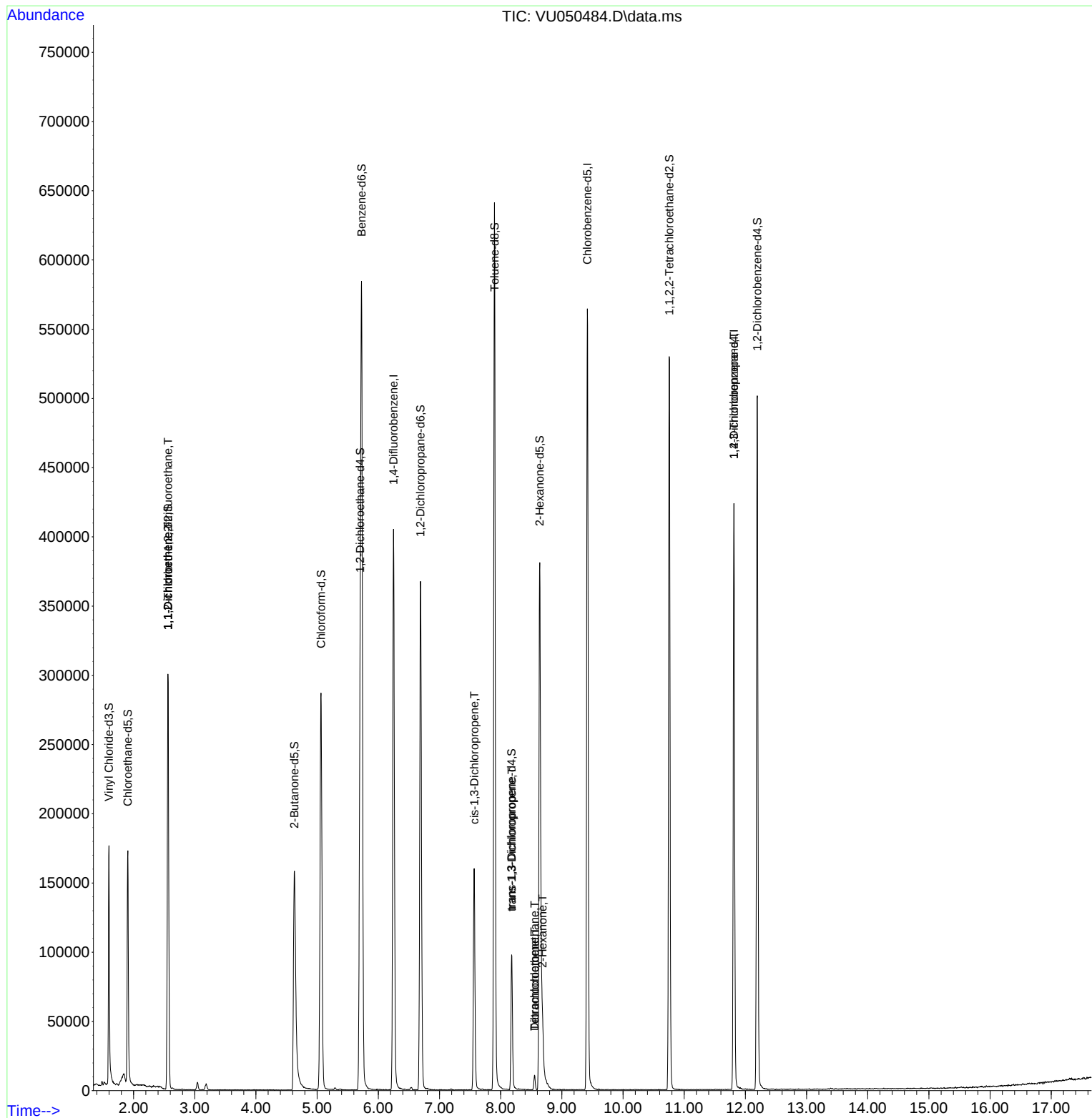
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329882	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	326905	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115432	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	136801	35.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.140%		
7) Chloroethane-d5	1.906	69	127885	44.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.620%		
11) 1,1-Dichloroethene-d2	2.562	63	176964	32.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.200%		
21) 2-Butanone-d5	4.626	46	247863	97.082	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.080%		
24) Chloroform-d	5.063	84	272674	43.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	5.703	65	175403	45.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
32) Benzene-d6	5.726	84	544686	45.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.180%		
36) 1,2-Dichloropropane-d6	6.690	67	183360	45.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.640%		
41) Toluene-d8	7.899	98	432525	40.922	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.840%		
43) trans-1,3-Dichloroprop...	8.179	79	55185	33.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.120%		
47) 2-Hexanone-d5	8.636	63	124238	83.663	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.660%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	271503	43.990	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.980%		
66) 1,2-Dichlorobenzene-d4	12.195	152	137588	49.897	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1646	0.719	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1351	0.668	ug/L #	1
39) cis-1,3-Dichloropropene	7.568	75	4009	1.062	ug/L #	54
44) trans-1,3-Dichloropropene	8.182	75	2238	0.636	ug/L #	81
46) Tetrachloroethene	8.555	164	2400	1.395	ug/L	91
48) 2-Hexanone	8.684	43	20363	6.382	ug/L #	72
49) Dibromochloromethane	8.555	129	2267	0.774	ug/L #	9
60) 1,2,3-Trichloropropane	11.812	75	13228	4.447	ug/L #	68

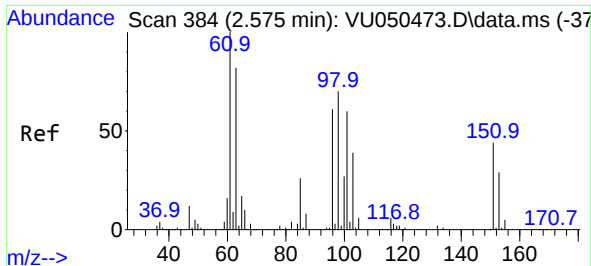
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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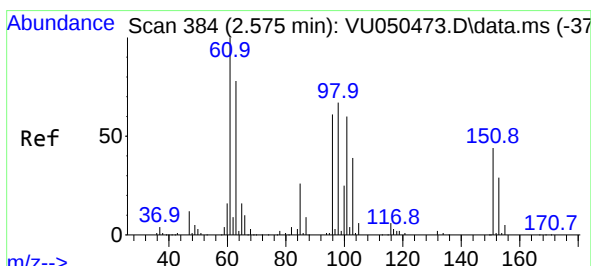
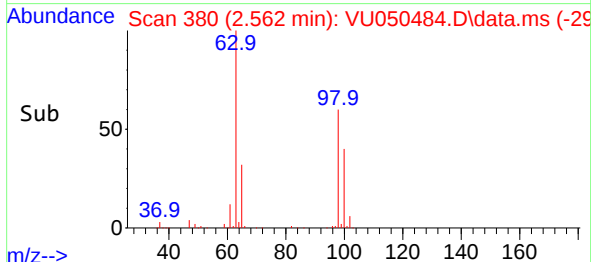
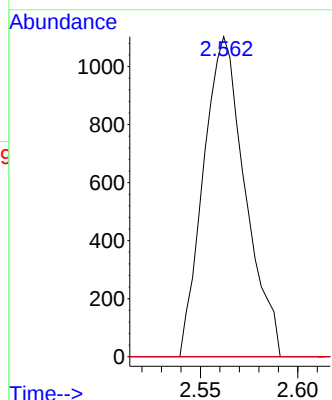
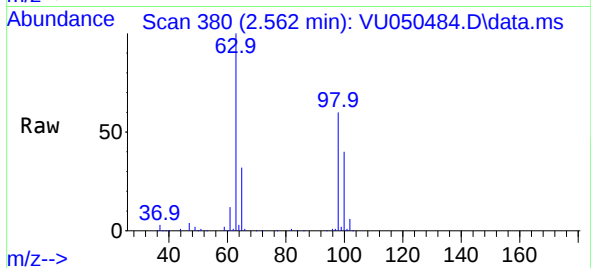




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.719 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050484.D
Acq: 29 Aug 2022 15:01

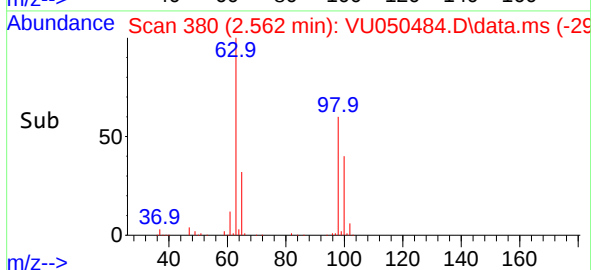
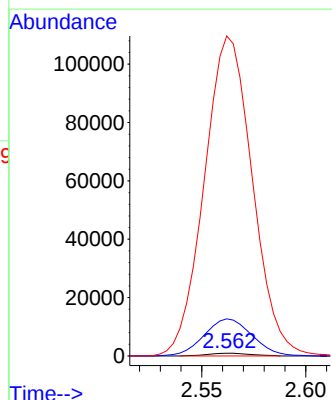
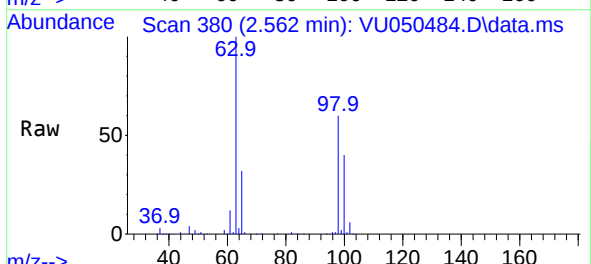
Instrument :
MSVOA_U
ClientSampleId :

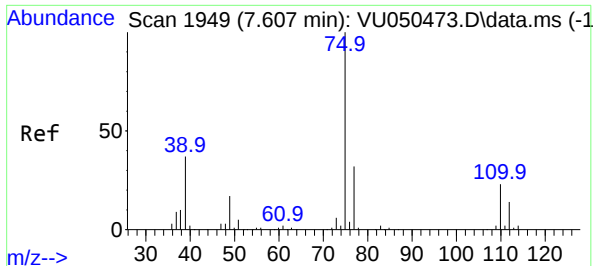
Tgt Ion:101 Resp: 1646
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.668 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050484.D
Acq: 29 Aug 2022 15:01

Tgt Ion: 96 Resp: 1351
Ion Ratio Lower Upper
96 100
61 1359.0 116.8 216.8#
63 11714.5 97.4 180.8#





#39

cis-1,3-Dichloropropene

Concen: 1.062 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU050484.D

Acq: 29 Aug 2022 15:01

Instrument :

MSVOA_U

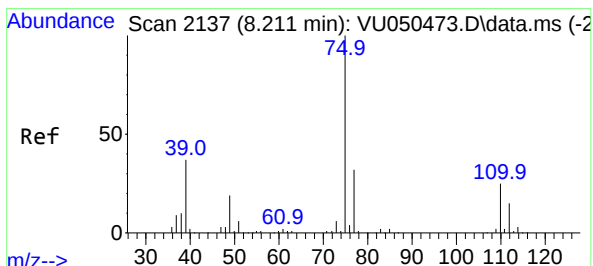
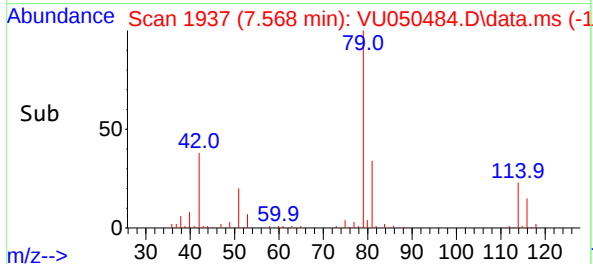
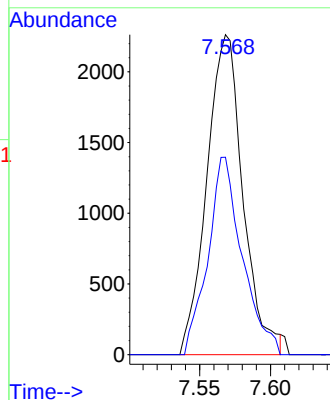
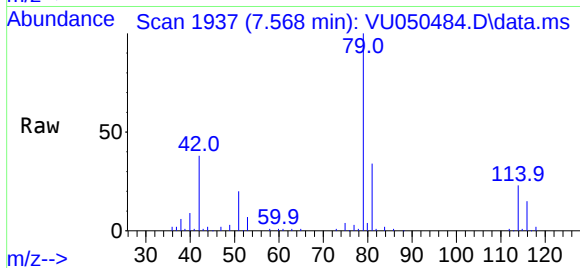
ClientSampleId :

Tgt Ion: 75 Resp: 4009

Ion Ratio Lower Upper

75 100

77 58.7 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.636 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050484.D

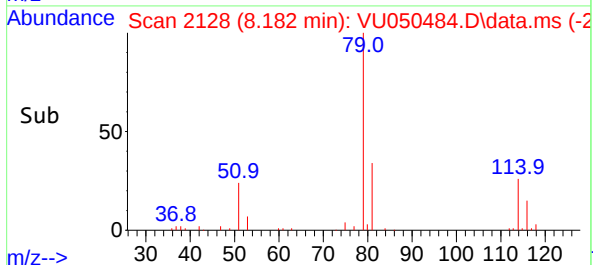
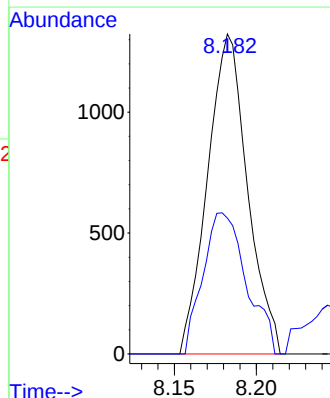
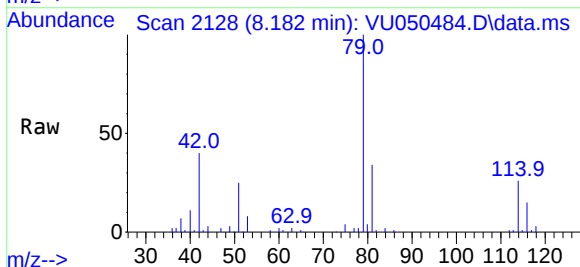
Acq: 29 Aug 2022 15:01

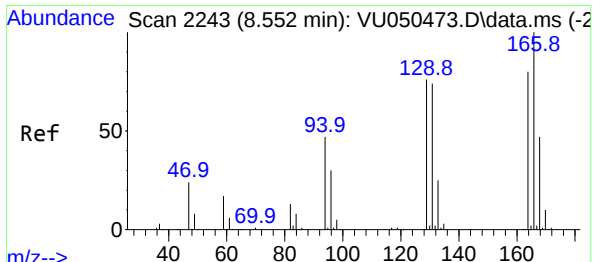
Tgt Ion: 75 Resp: 2238

Ion Ratio Lower Upper

75 100

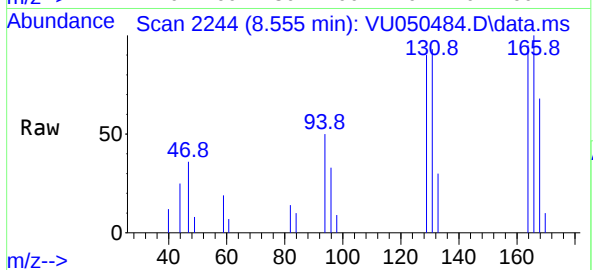
77 42.4 22.5 41.7#





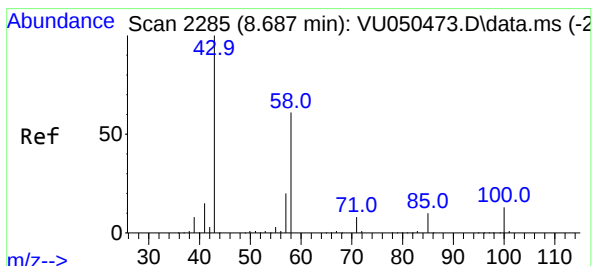
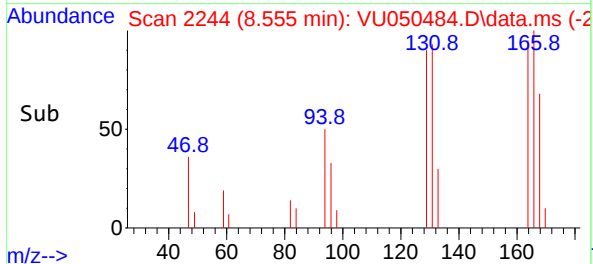
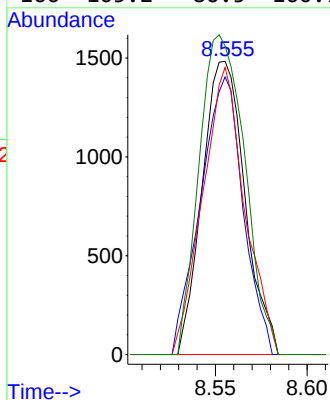
#46
Tetrachloroethene
Concen: 1.395 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050484.D
Acq: 29 Aug 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 2400

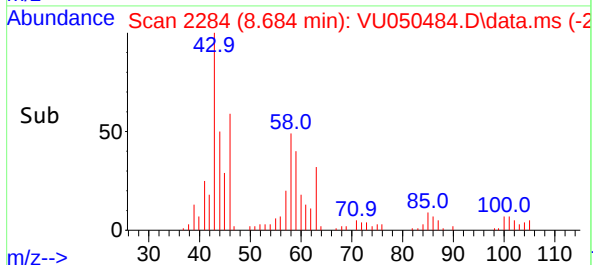
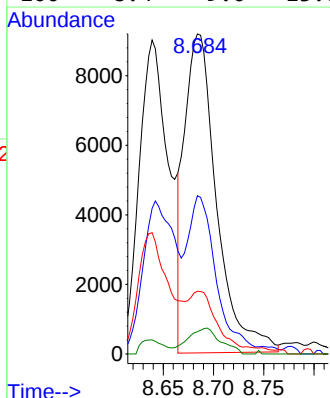
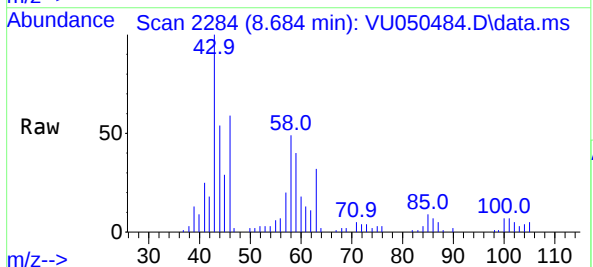
Ion	Ratio	Lower	Upper
164	100		
129	94.6	68.0	126.4
131	97.8	65.4	121.4
166	105.2	86.5	160.7

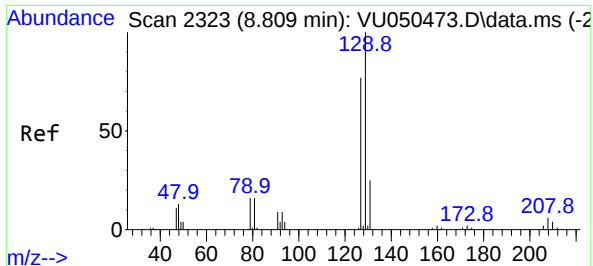


#48
2-Hexanone
Concen: 6.382 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU050484.D
Acq: 29 Aug 2022 15:01

Tgt Ion: 43 Resp: 20363

Ion	Ratio	Lower	Upper
43	100		
58	38.9	47.9	71.9#
57	0.0	15.4	23.0#
100	8.4	9.0	13.6#





#49

Dibromochloromethane

Concen: 0.774 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU050484.D

Acq: 29 Aug 2022 15:01

Instrument :

MSVOA_U

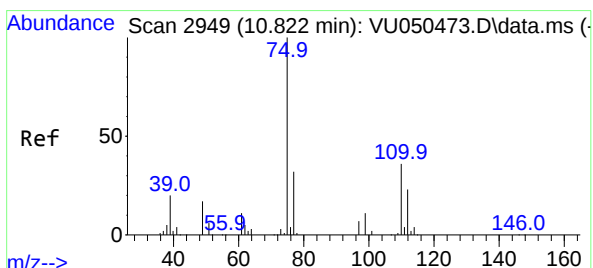
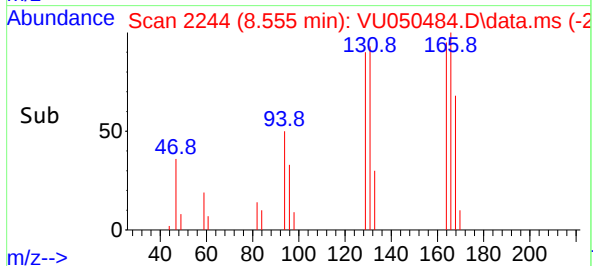
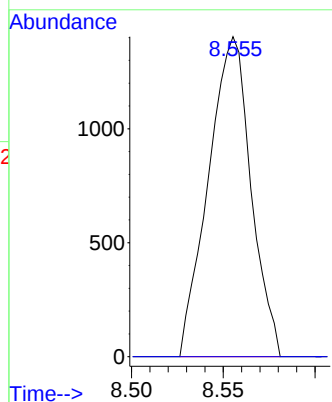
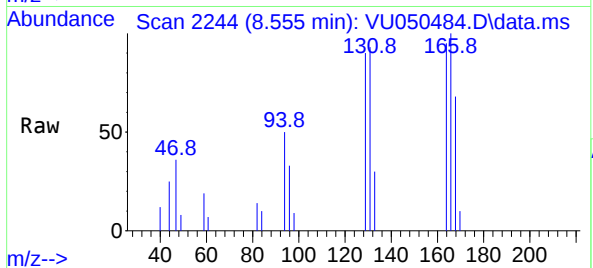
ClientSampleId :

Tgt Ion:129 Resp: 2267

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#60

1,2,3-Trichloropropane

Concen: 4.447 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050484.D

Acq: 29 Aug 2022 15:01

Tgt Ion: 75 Resp: 13228

Ion Ratio Lower Upper

75 100

77 33.1 25.7 38.5

110 1.1 29.0 43.4#

