

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050481.D
 Acq On : 29 Aug 2022 13:49
 Operator : SY/MD
 Sample : N4322-22DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:14:32 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)

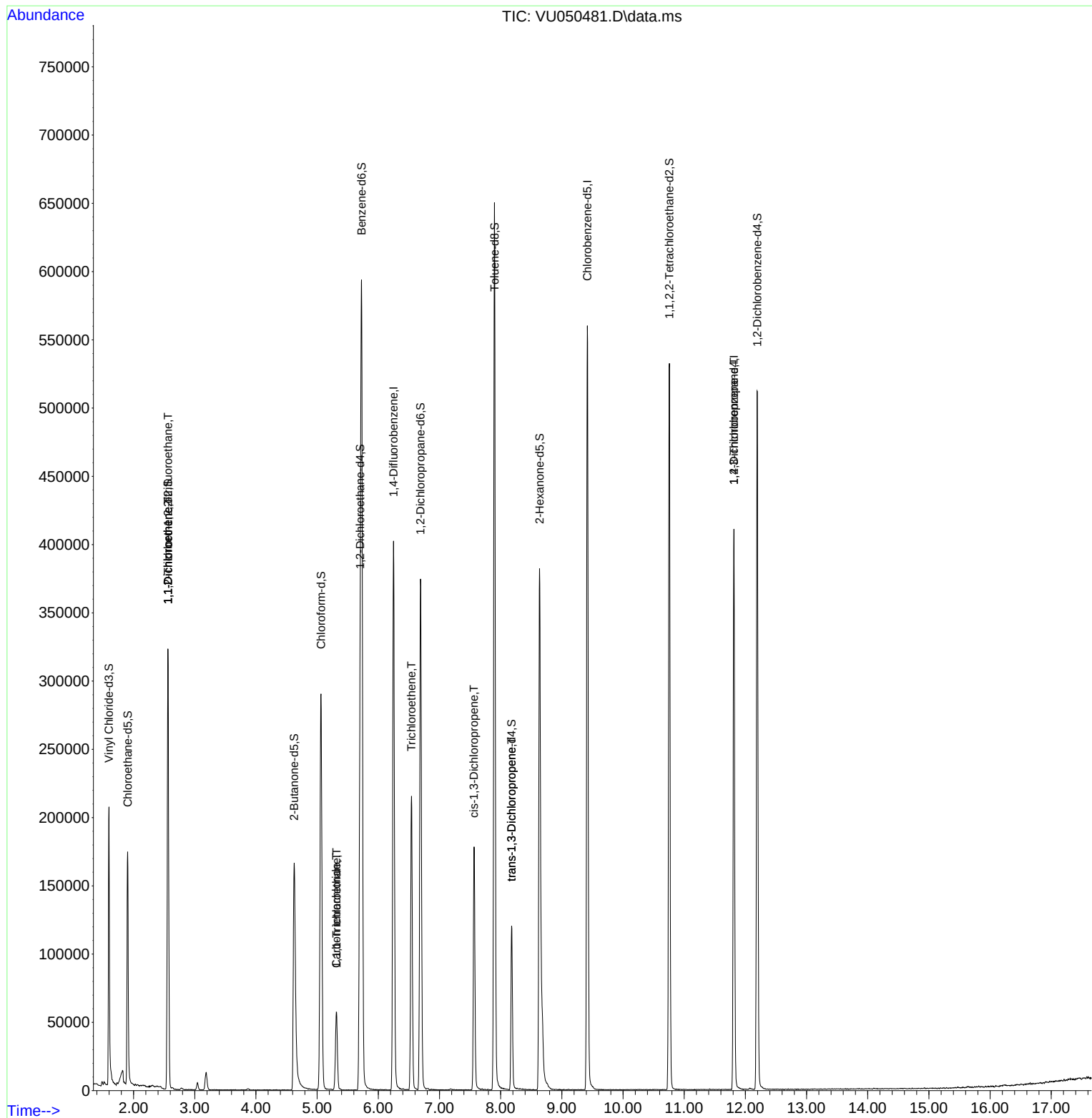
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329531	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	320025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	160488	41.188	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.380%	
7) Chloroethane-d5	1.903	69	133230	46.209	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.420%	
11) 1,1-Dichloroethene-d2	2.562	63	189415	34.398	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.800%	
21) 2-Butanone-d5	4.623	46	242454	95.065	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	95.070%	
24) Chloroform-d	5.063	84	276351	44.182	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.360%	
26) 1,2-Dichloroethane-d4	5.703	65	177115	45.561	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.120%	
32) Benzene-d6	5.726	84	555359	46.966	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.940%	
36) 1,2-Dichloropropane-d6	6.690	67	186955	47.725	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.460%	
41) Toluene-d8	7.899	98	446930	43.194	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.380%	
43) trans-1,3-Dichloroprop...	8.179	79	69711	42.661	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.320%	
47) 2-Hexanone-d5	8.636	63	125458	86.301	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.300%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	272892	45.166	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.340%	
66) 1,2-Dichlorobenzene-d4	12.195	152	140900	52.285	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.560%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1698	0.743	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1565	0.774	ug/L #	1
30) 1,1,1-Trichloroethane	5.317	97	40559	11.078	ug/L	99
31) Carbon tetrachloride	5.314	117	5475	1.822	ug/L	95
34) Trichloroethene	6.542	95	76500	33.354	ug/L	98
39) cis-1,3-Dichloropropene	7.562	75	4166	1.127	ug/L #	67
44) trans-1,3-Dichloropropene	8.179	75	2666	0.774	ug/L #	66
60) 1,2,3-Trichloropropane	11.812	75	13554	4.662	ug/L #	68

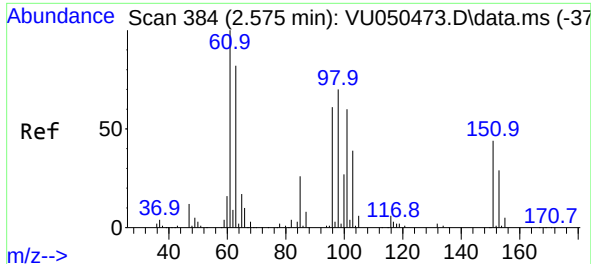
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 30 02:14:32 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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.743 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU050481.D

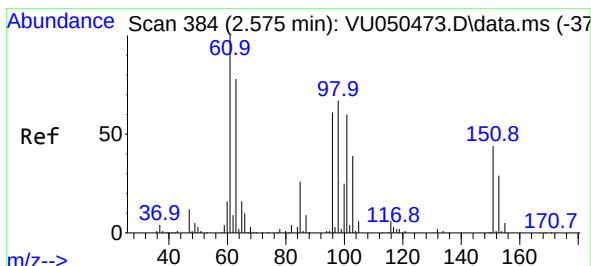
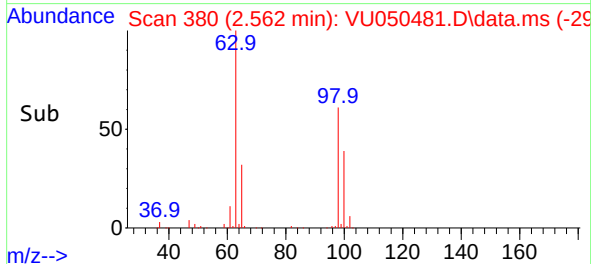
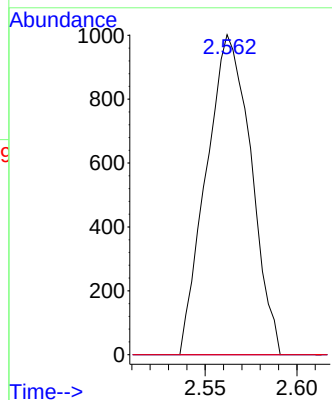
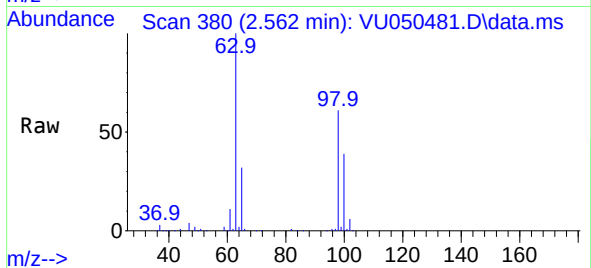
Acq: 29 Aug 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1698
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: 0.774 ug/L

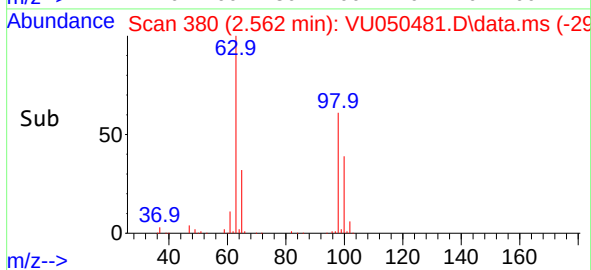
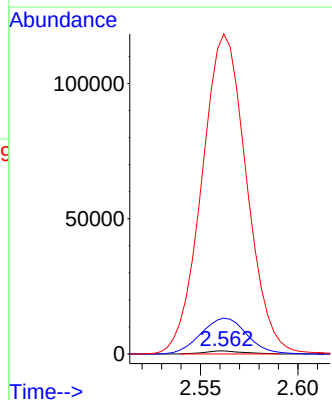
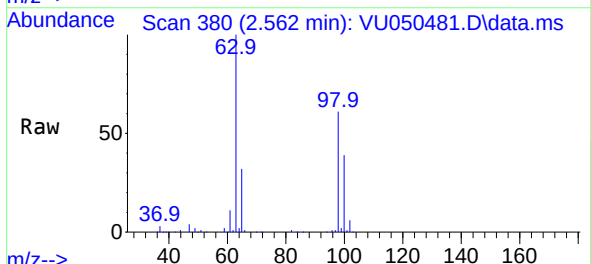
RT: 2.562 min Scan# 380

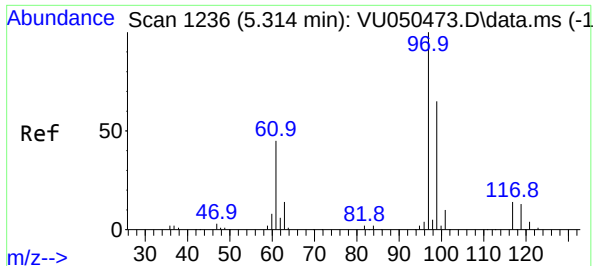
Delta R.T. -0.013 min

Lab File: VU050481.D

Acq: 29 Aug 2022 13:49

Tgt Ion:	96	Resp:	1565
Ion	Ratio	Lower	Upper
96	100		
61	1152.9	116.8	216.8#
63	10308.0	97.4	180.8#

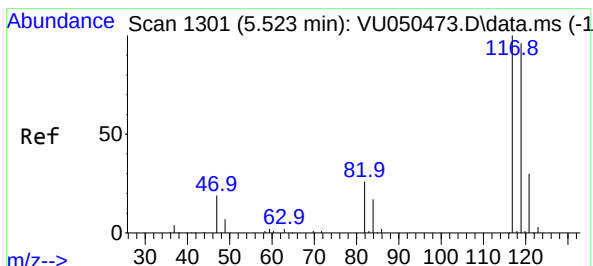
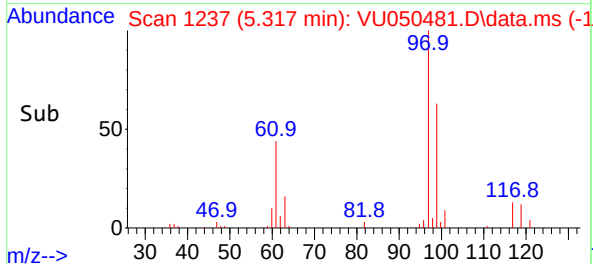
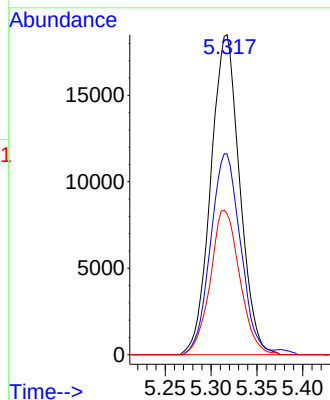
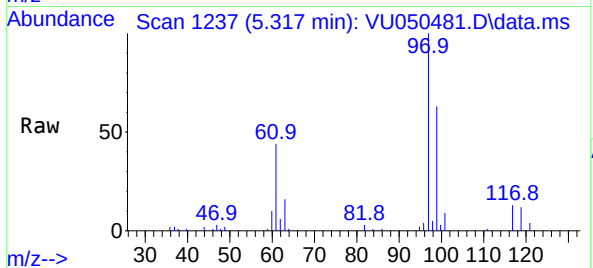




#30
1,1,1-Trichloroethane
Concen: 11.078 ug/L
RT: 5.317 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050481.D
Acq: 29 Aug 2022 13:49

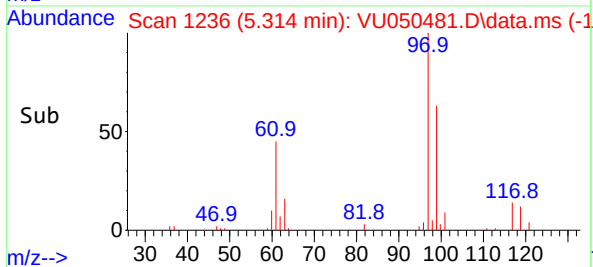
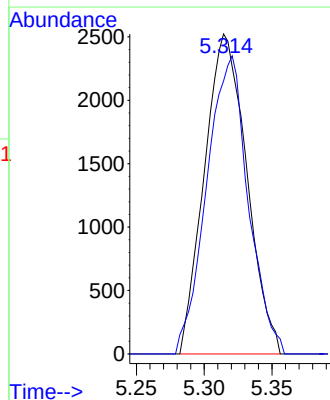
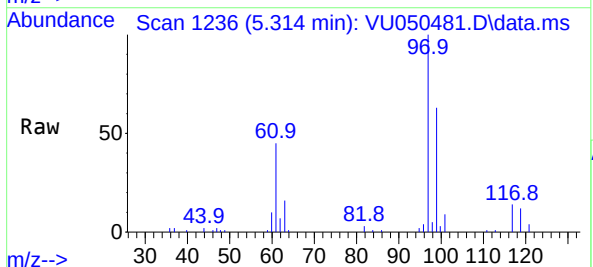
Instrument :
MSVOA_U
ClientSampleId :

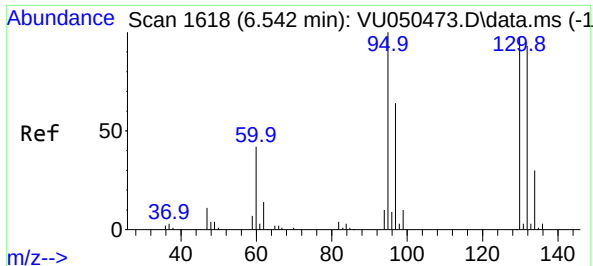
Tgt Ion: 97 Resp: 40559
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 46.0 36.6 55.0



#31
Carbon tetrachloride
Concen: 1.822 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.209 min
Lab File: VU050481.D
Acq: 29 Aug 2022 13:49

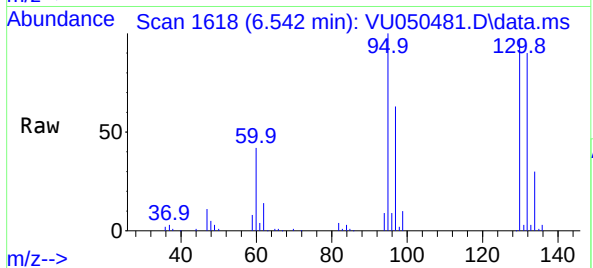
Tgt Ion: 117 Resp: 5475
Ion Ratio Lower Upper
117 100
119 91.5 76.9 115.3



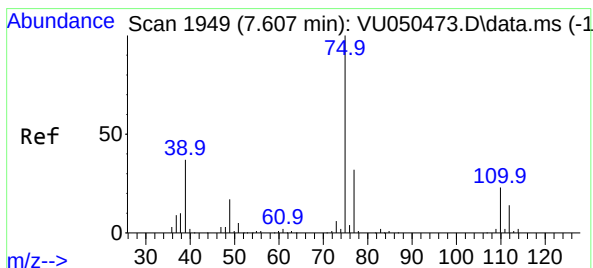
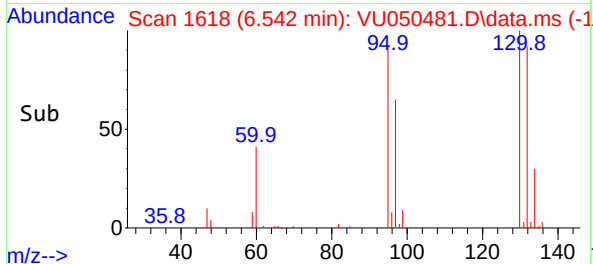
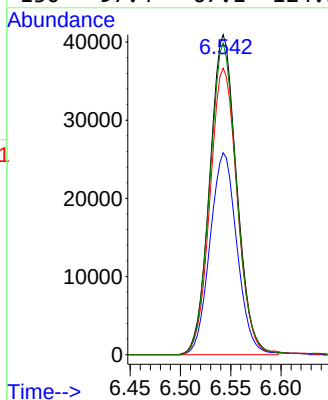


#34
Trichloroethene
Concen: 33.354 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050481.D
Acq: 29 Aug 2022 13:49

Instrument :
MSVOA_U
ClientSampleId :

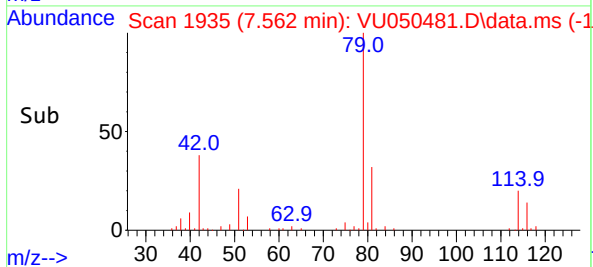
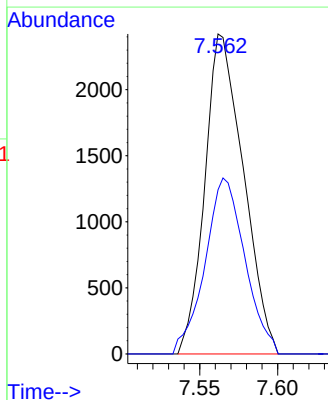
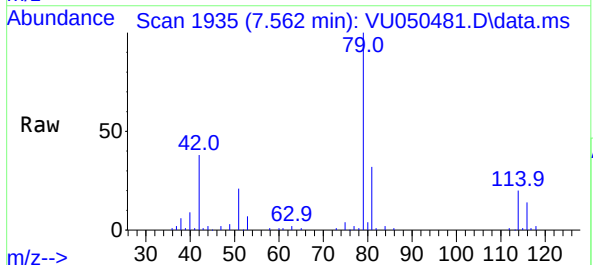


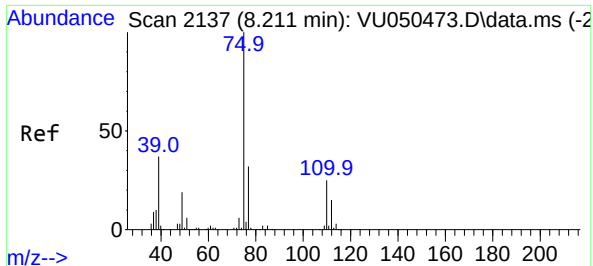
Tgt Ion: 95 Resp: 76500
Ion Ratio Lower Upper
95 100
97 63.1 45.2 84.0
132 89.6 64.4 119.6
130 97.4 67.1 124.5



#39
cis-1,3-Dichloropropene
Concen: 1.127 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.045 min
Lab File: VU050481.D
Acq: 29 Aug 2022 13:49

Tgt Ion: 75 Resp: 4166
Ion Ratio Lower Upper
75 100
77 51.3 22.8 42.4#





#44

trans-1,3-Dichloropropene

Concen: 0.774 ug/L

RT: 8.179 min Scan# 2137

Delta R.T. -0.032 min

Lab File: VU050481.D

Acq: 29 Aug 2022 13:49

Instrument :

MSVOA_U

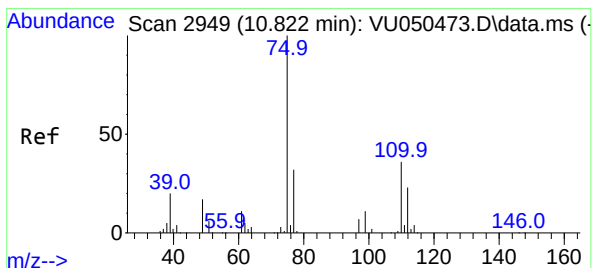
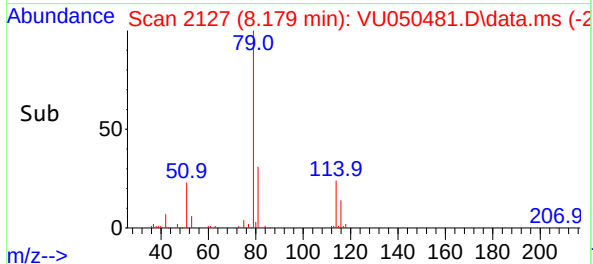
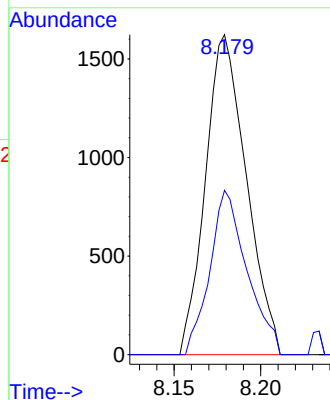
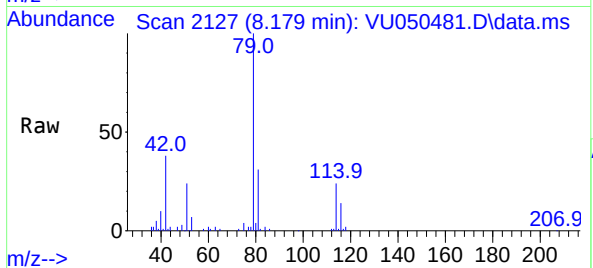
ClientSampleId :

Tgt Ion: 75 Resp: 2666

Ion Ratio Lower Upper

75 100

77 51.3 22.5 41.7#



#60

1,2,3-Trichloropropane

Concen: 4.662 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050481.D

Acq: 29 Aug 2022 13:49

Tgt Ion: 75 Resp: 13554

Ion Ratio Lower Upper

75 100

77 30.3 25.7 38.5

110 1.8 29.0 43.4#

