

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057420.D
 Acq On : 09 Jan 2024 06:46
 Operator : MD/SY
 Sample : P1058-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 07:36:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

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

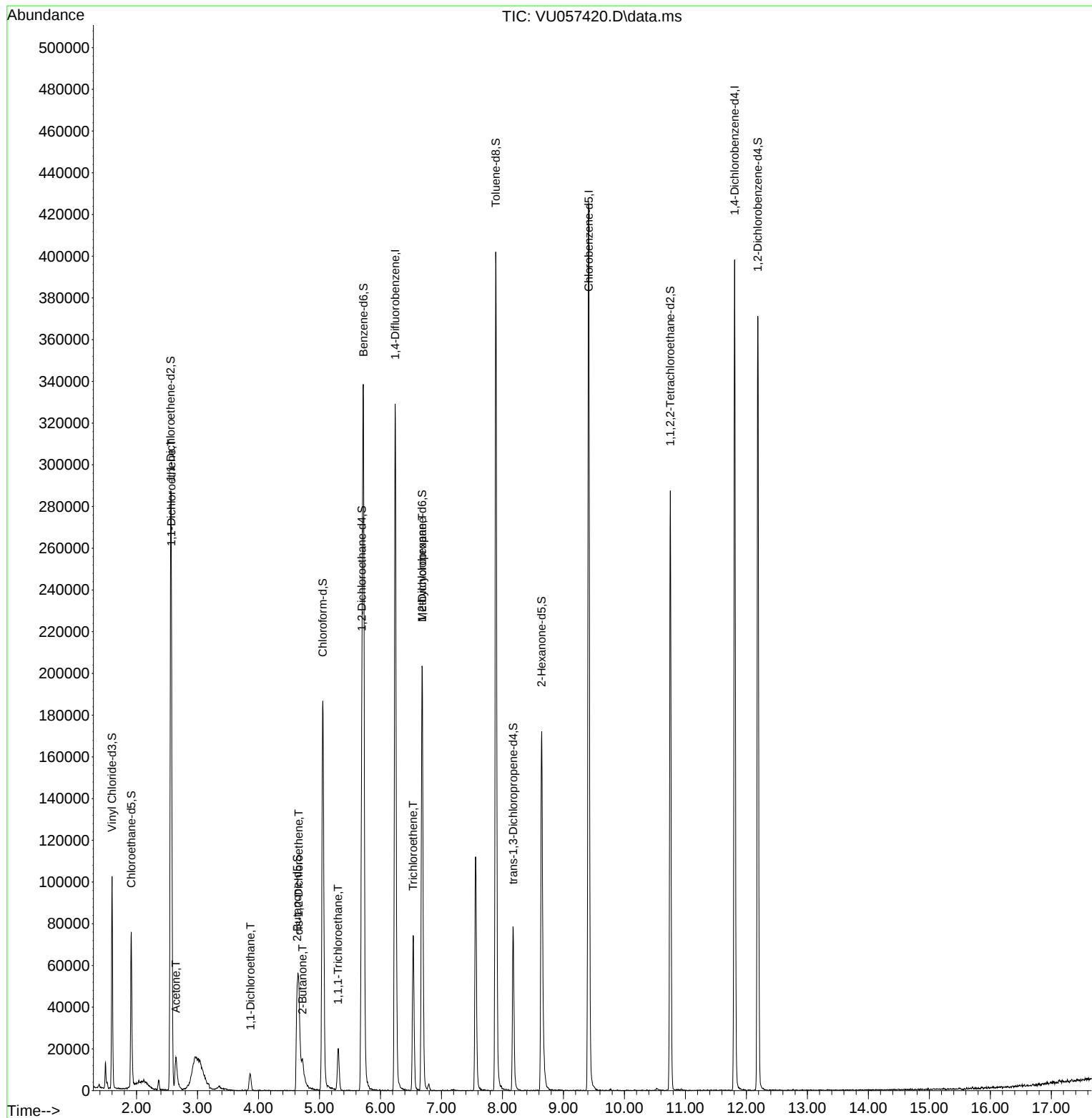
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	266080	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73482	40.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.240%		
7) Chloroethane-d5	1.914	69	56829	40.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.200%		
11) 1,1-Dichloroethene-d2	2.560	63	145739	37.546	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.100%		
21) 2-Butanone-d5	4.634	46	86643	97.638	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.640%		
24) Chloroform-d	5.055	84	181127	41.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.640%		
26) 1,2-Dichloroethane-d4	5.695	65	125333	43.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.620%		
32) Benzene-d6	5.721	84	311794	45.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.720%		
36) 1,2-Dichloropropane-d6	6.682	67	90540	47.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.360%		
41) Toluene-d8	7.891	98	277518	43.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	8.177	79	50346	43.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.900%		
47) 2-Hexanone-d5	8.643	63	60382	96.249	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.250%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	128728	44.887	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.780%		
66) 1,2-Dichlorobenzene-d4	12.187	152	96100	48.391	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.780%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	51836	28.751	ug/L	86
13) Acetone	2.647	43	24961	23.098	ug/L	97
19) 1,1-Dichloroethane	3.869	63	9303	2.724	ug/L	96
20) cis-1,2-Dichloroethene	4.660	96	14984	7.594	ug/L	91
22) 2-Butanone	4.721	43	20700	19.440	ug/L	74
30) 1,1,1-Trichloroethane	5.306	97	15474	3.971	ug/L	98
34) Trichloroethene	6.537	95	26167	12.591	ug/L	95
35) Methylcyclohexane	6.682	83	25352	8.966	ug/L #	20

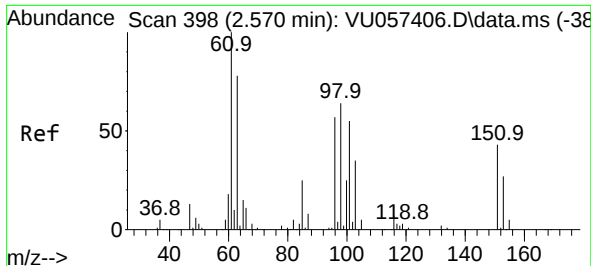
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

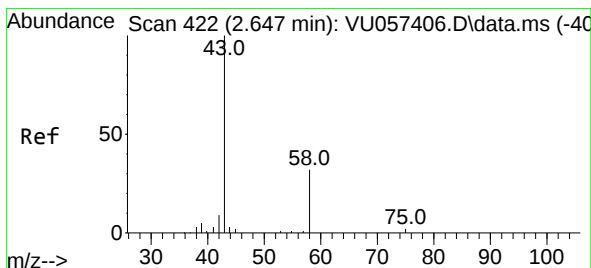
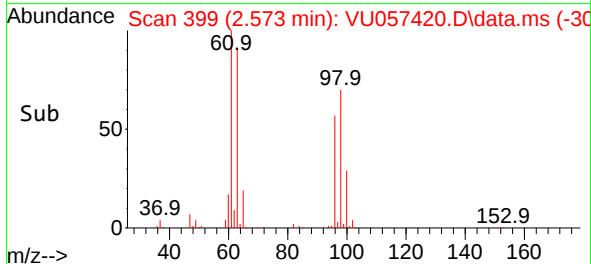
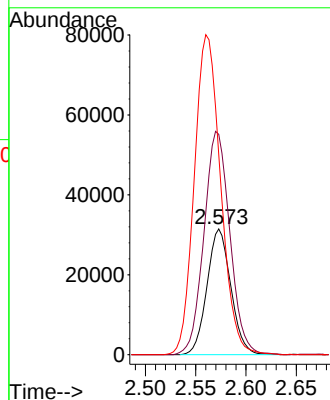
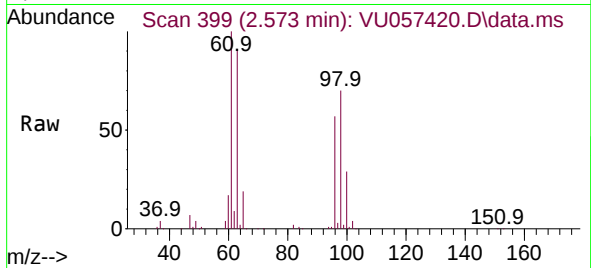




#12
1,1-Dichloroethene
Concen: 28.751 ug/L
RT: 2.573 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU057420.D
Acq: 09 Jan 2024 06:46

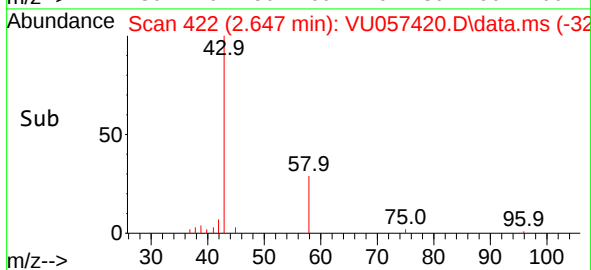
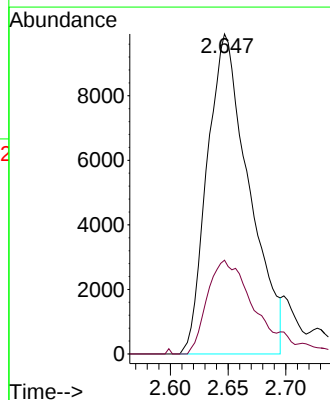
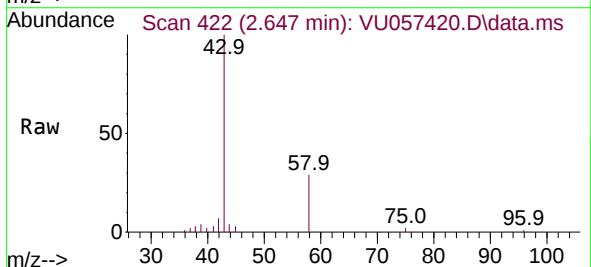
Instrument :
MSVOA_U
ClientSampleId :

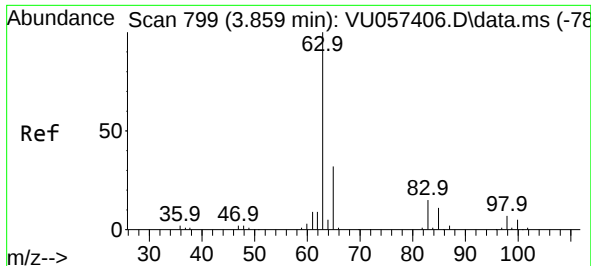
Tgt Ion: 96 Resp: 51836
Ion Ratio Lower Upper
96 100
61 175.2 128.3 238.3
63 159.0 90.4 168.0



#13
Acetone
Concen: 23.098 ug/L
RT: 2.647 min Scan# 422
Delta R.T. -0.000 min
Lab File: VU057420.D
Acq: 09 Jan 2024 06:46

Tgt Ion: 43 Resp: 24961
Ion Ratio Lower Upper
43 100
58 30.8 0.0 65.2





#19

1,1-Dichloroethane

Concen: 2.724 ug/L

RT: 3.869 min Scan# 80

Delta R.T. 0.009 min

Lab File: VU057420.D

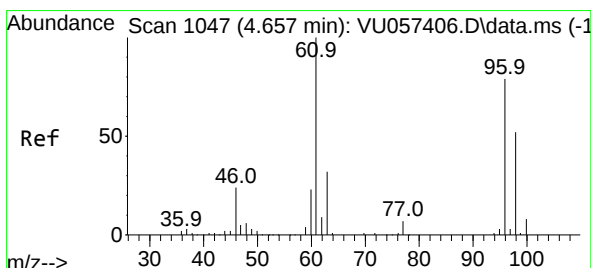
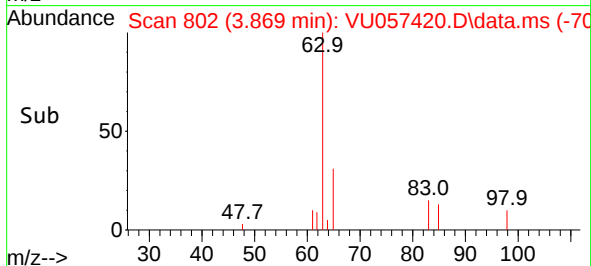
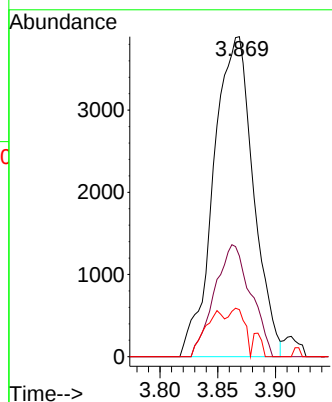
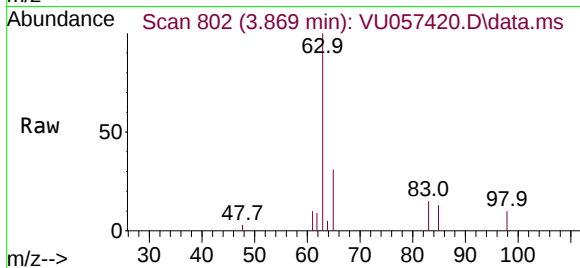
Acq: 09 Jan 2024 06:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 9303
Ion Ratio	Lower Upper
63 100	
65 30.0	22.4 41.6
83 14.0	11.3 21.1



#20

cis-1,2-Dichloroethene

Concen: 7.594 ug/L

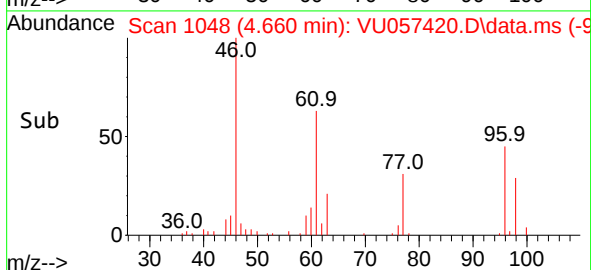
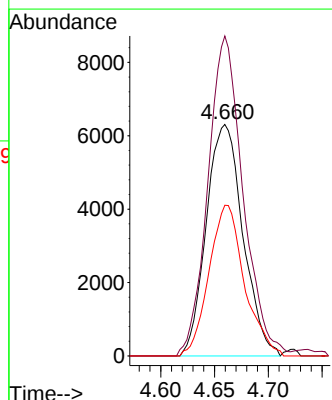
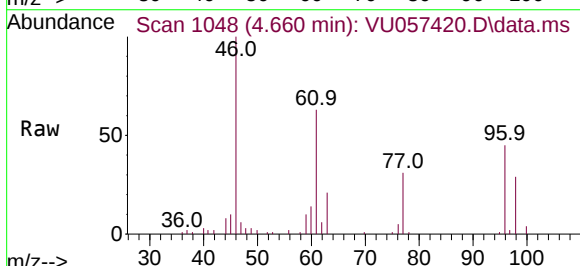
RT: 4.660 min Scan# 1048

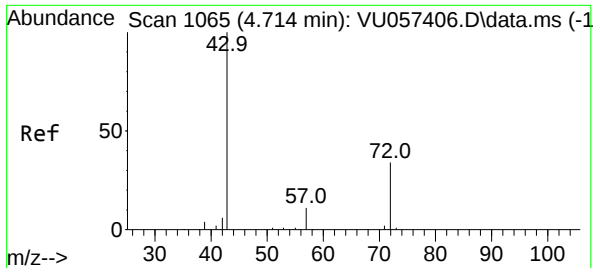
Delta R.T. 0.003 min

Lab File: VU057420.D

Acq: 09 Jan 2024 06:46

Tgt Ion: 96	Resp: 14984
Ion Ratio	Lower Upper
96 100	
61 138.2	88.0 163.4
98 65.1	43.4 80.6

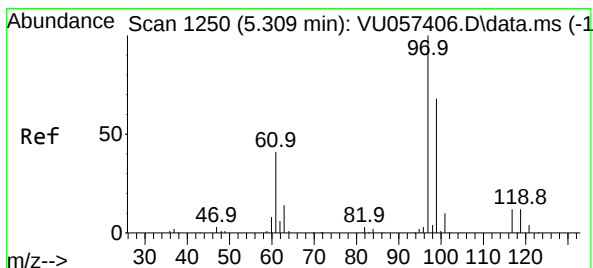
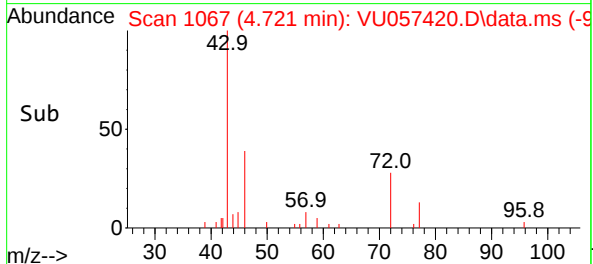
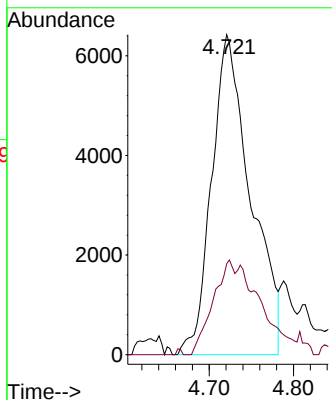
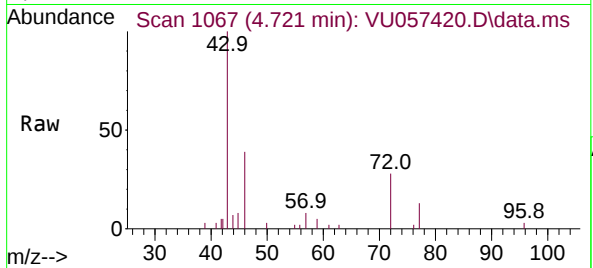




#22
2-Butanone
Concen: 19.440 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VU057420.D
Acq: 09 Jan 2024 06:46

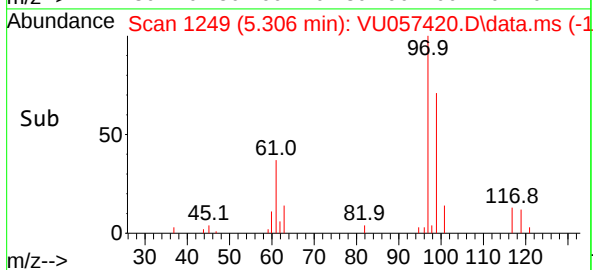
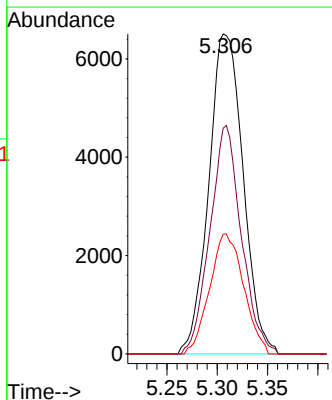
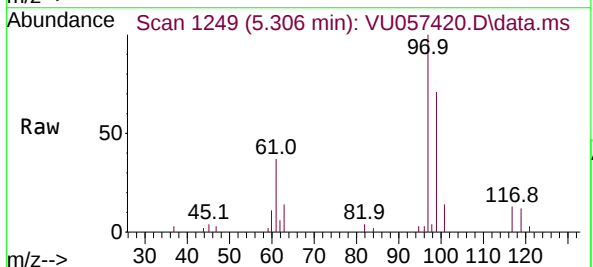
Instrument :
MSVOA_U
ClientSampleId :

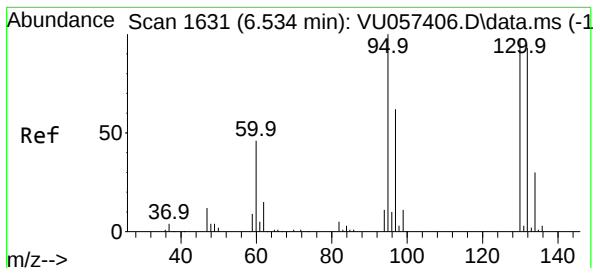
Tgt Ion: 43 Resp: 20700
Ion Ratio Lower Upper
43 100
72 16.3 15.2 45.6



#30
1,1,1-Trichloroethane
Concen: 3.971 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU057420.D
Acq: 09 Jan 2024 06:46

Tgt Ion: 97 Resp: 15474
Ion Ratio Lower Upper
97 100
99 65.3 52.1 78.1
61 37.2 31.9 47.9





#34

Trichloroethene

Concen: 12.591 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057420.D

Acq: 09 Jan 2024 06:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 26167

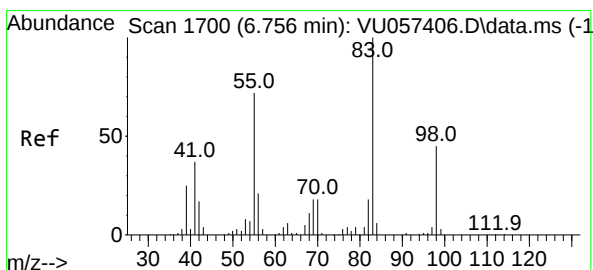
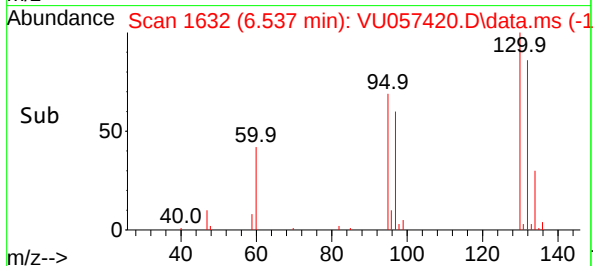
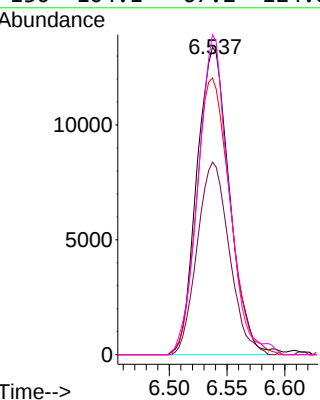
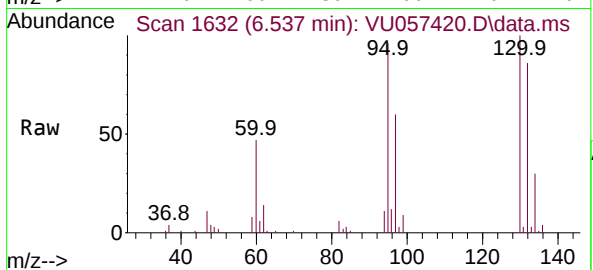
Ion Ratio Lower Upper

95 100

97 62.6 46.2 85.8

132 90.0 64.3 119.5

130 104.1 67.2 124.8



#35

Methylcyclohexane

Concen: 8.966 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057420.D

Acq: 09 Jan 2024 06:46

Tgt Ion: 83 Resp: 25352

Ion Ratio Lower Upper

83 100

55 0.0 58.0 87.0#

98 0.2 36.6 55.0#

