

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061024\
 Data File : VV036023.D
 Acq On : 10 Jun 2024 12:51
 Operator : SY/MD
 Sample : P2754-18
 Misc : 5.38g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 05:05:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:03:54 2024
 Response via : Initial Calibration

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

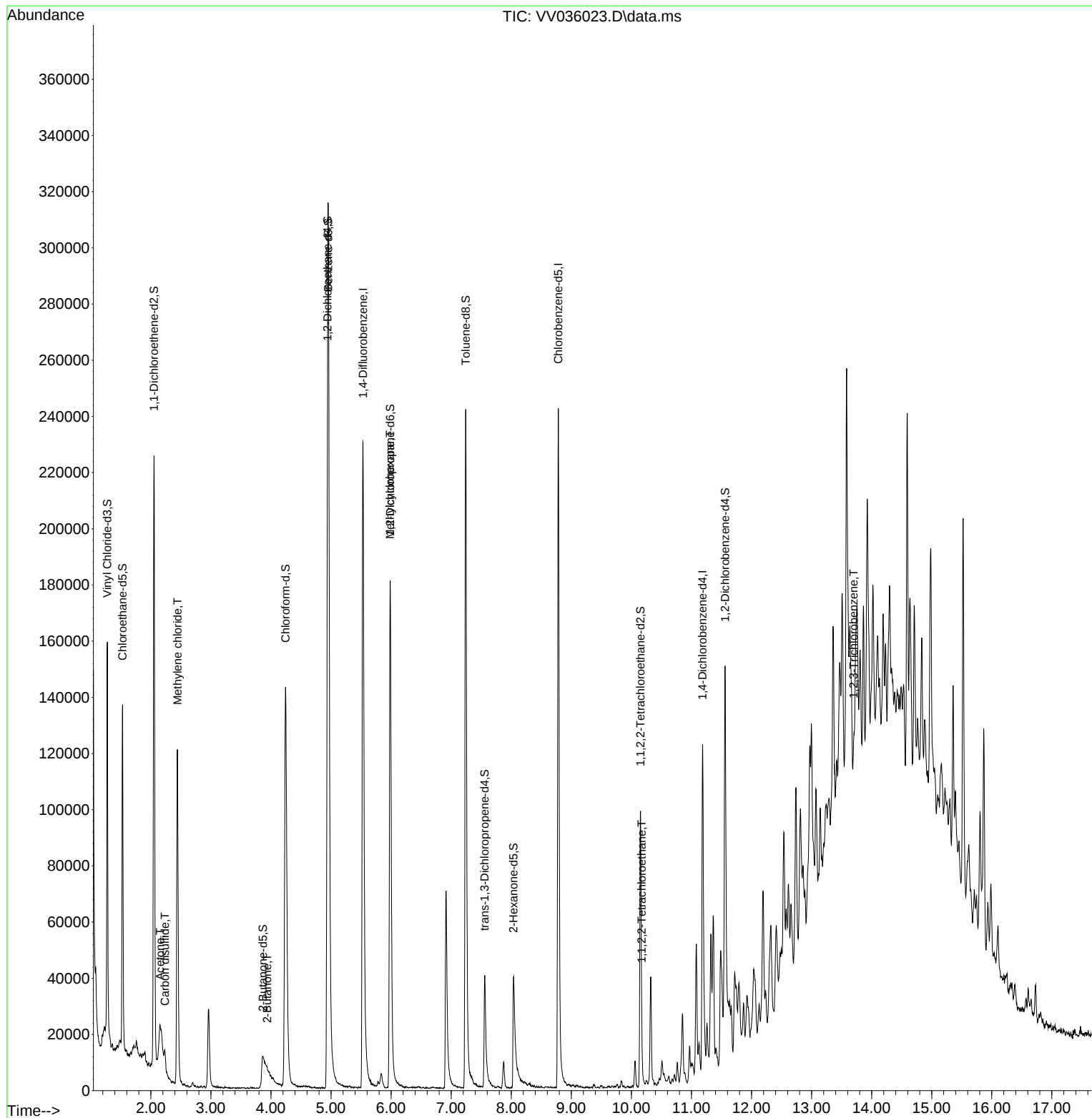
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	209217	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	143790	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	33798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	87801	22.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.320%
7) Chloroethane-d5	1.529	69	81628	26.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.440%
11) 1,1-Dichloroethene-d2	2.053	65	37512	21.907	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.640%
21) 2-Butanone-d5	3.863	46	16751	18.981	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.960%
24) Chloroform-d	4.243	84	161474	24.276	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	4.940	65	87638	25.130	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.520%
32) Benzene-d6	4.953	84	287039	33.583	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.320%
36) 1,2-Dichloropropane-d6	5.985	67	95638	35.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.120%#
41) Toluene-d8	7.243	98	176837	23.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.558	79	29370	26.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.440%
47) 2-Hexanone-d5	8.037	63	16505	45.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	51799	25.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	28190	22.745	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.960%
Target Compounds						Qvalue
13) Acetone	2.153	43	24609	17.901	ug/L #	1
14) Carbon disulfide	2.233	76	7129	0.613	ug/L	99
16) Methylene chloride	2.442	84	52800	11.153	ug/L	99
22) 2-Butanone	3.937	43	1823	1.563	ug/L	83
35) Methylcyclohexane	5.982	83	21587	5.416	ug/L #	19
57) 1,1,2,2-Tetrachloroethane	10.172	83	780	0.426	ug/L #	57
72) 1,2,3-Trichlorobenzene	13.699	180	1376	1.124	ug/L #	27

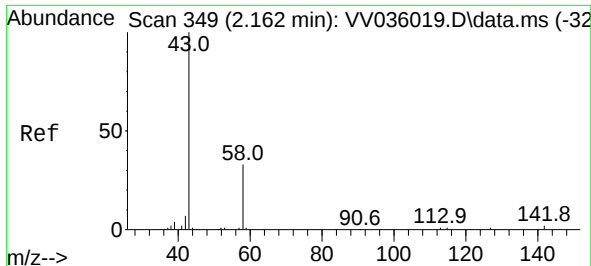
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:03:54 2024
Response via : Initial Calibration





#13

Acetone

Concen: 17.901 ug/L

RT: 2.153 min Scan# 349

Delta R.T. -0.010 min

Lab File: VV036023.D

Acq: 10 Jun 2024 12:51

Instrument :

MSVOA_V

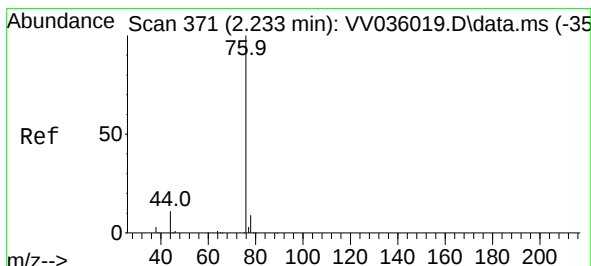
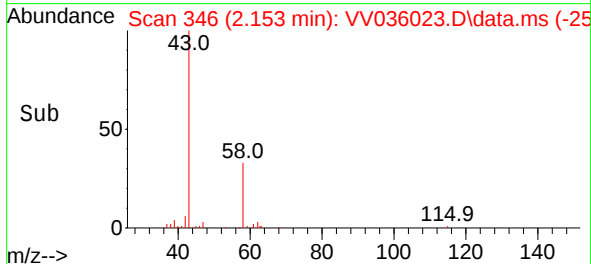
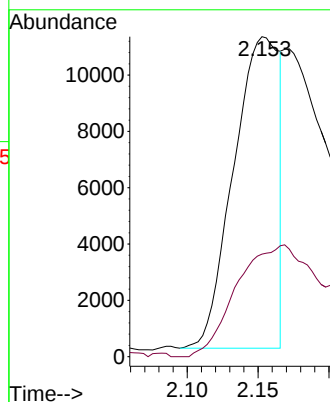
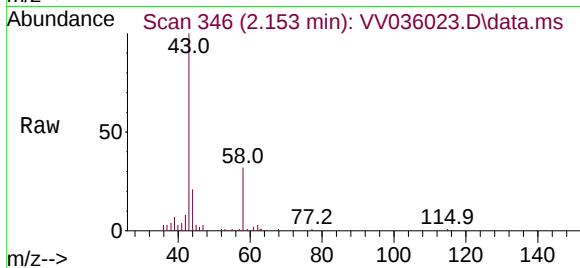
ClientSampleId :

Tgt Ion: 43 Resp: 24609

Ion Ratio Lower Upper

43 100

58 60.2 0.0 24.2#



#14

Carbon disulfide

Concen: 0.613 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV036023.D

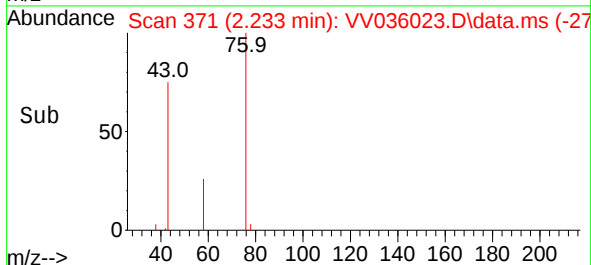
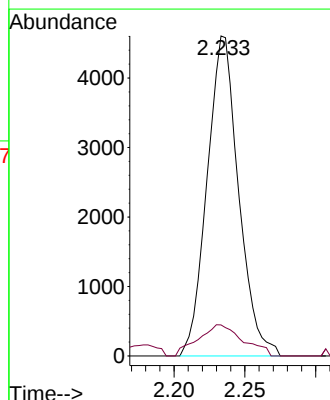
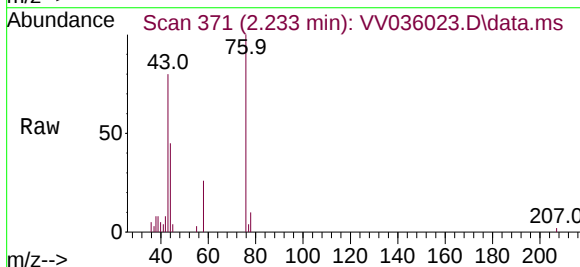
Acq: 10 Jun 2024 12:51

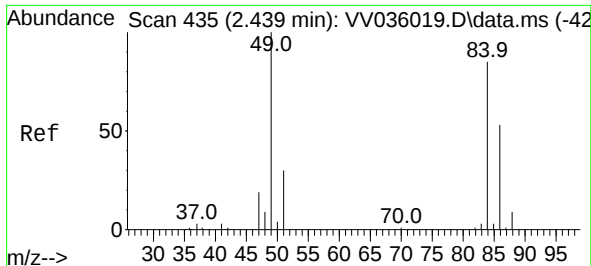
Tgt Ion: 76 Resp: 7129

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

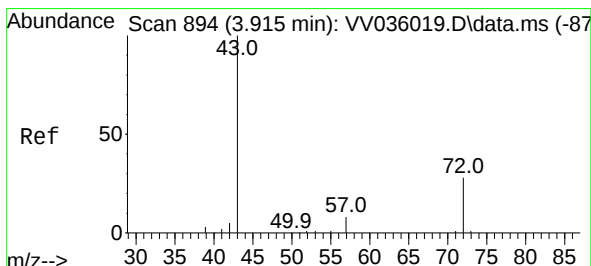
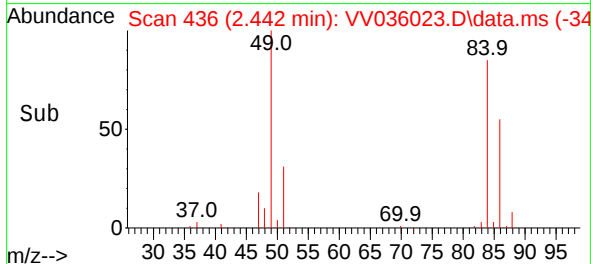
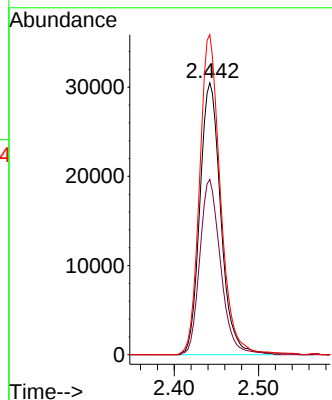
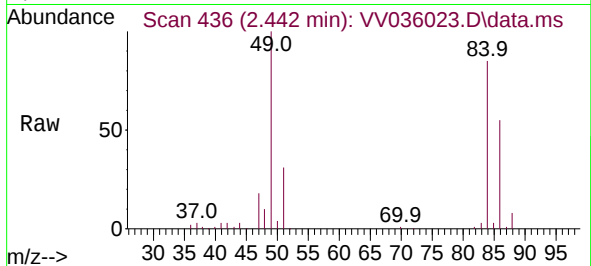




#16
Methylene chloride
Concen: 11.153 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036023.D
Acq: 10 Jun 2024 12:51

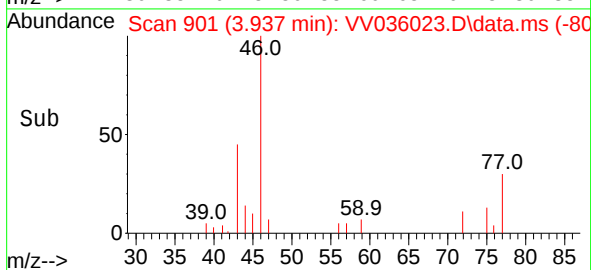
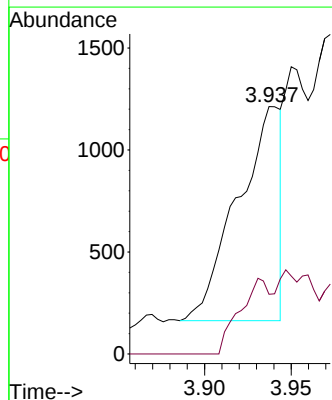
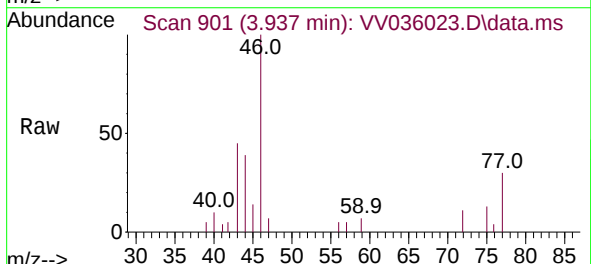
Instrument :
MSVOA_V
ClientSampleId :

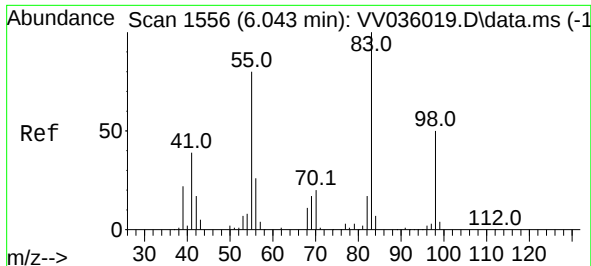
Tgt Ion: 84 Resp: 52800
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 117.7 81.1 150.5



#22
2-Butanone
Concen: 1.563 ug/L
RT: 3.937 min Scan# 901
Delta R.T. 0.022 min
Lab File: VV036023.D
Acq: 10 Jun 2024 12:51

Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
72 23.8 8.2 24.4





#35

Methylcyclohexane

Concen: 5.416 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.061 min

Lab File: VV036023.D

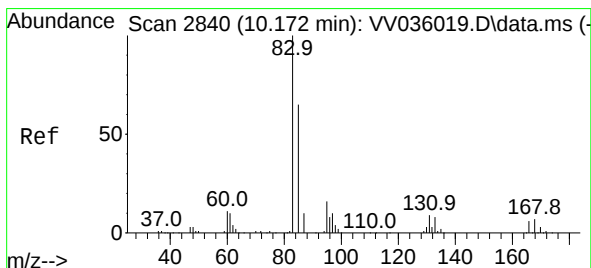
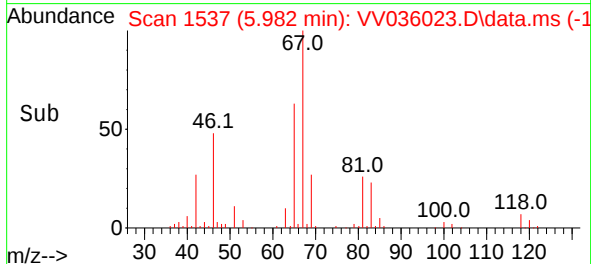
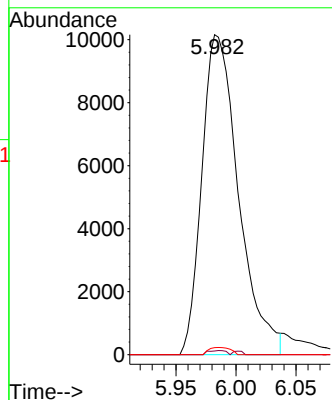
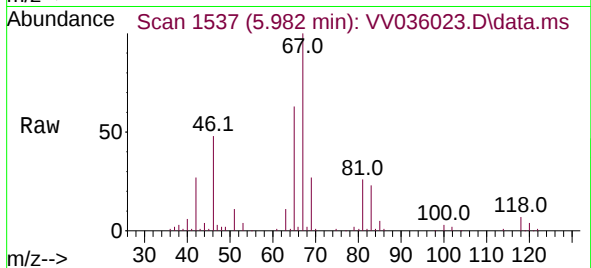
Acq: 10 Jun 2024 12:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	21587
Ion Ratio	Lower	Upper	
83	100		
55	0.4	60.7	91.1#
98	1.3	38.7	58.1#



#57

1,1,2,2-Tetrachloroethane

Concen: 0.426 ug/L

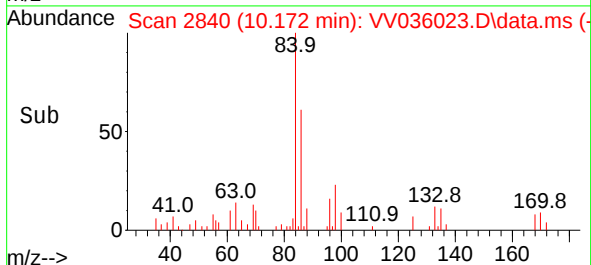
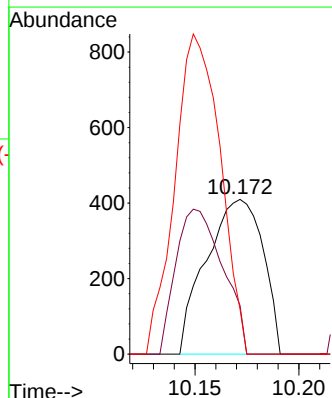
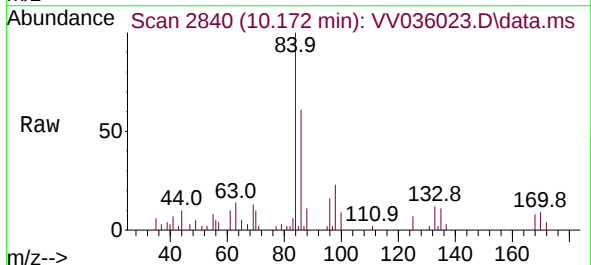
RT: 10.172 min Scan# 2840

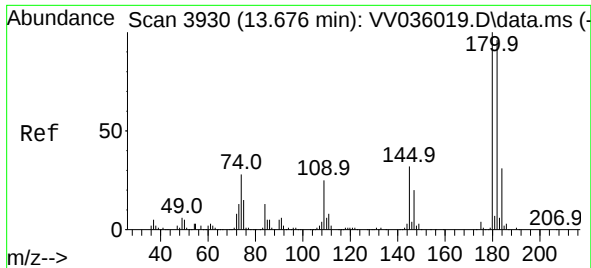
Delta R.T. -0.000 min

Lab File: VV036023.D

Acq: 10 Jun 2024 12:51

Tgt Ion:	83	Resp:	780
Ion Ratio	Lower	Upper	
83	100		
85	31.5	45.1	83.7#
131	29.0	7.6	11.4#





#72

1,2,3-Trichlorobenzene

Concen: 1.124 ug/L

RT: 13.699 min Scan# 3937

Delta R.T. 0.022 min

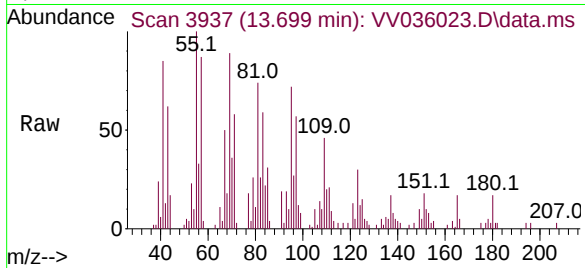
Lab File: VV036023.D

Acq: 10 Jun 2024 12:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1376

Ion Ratio Lower Upper

180 100

182 14.8 75.1 112.7#

145 6.5 25.2 37.8#

