

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036526.D
 Acq On : 15 Jul 2024 14:37
 Operator : SY/MD
 Sample : P3215-11
 Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:27:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

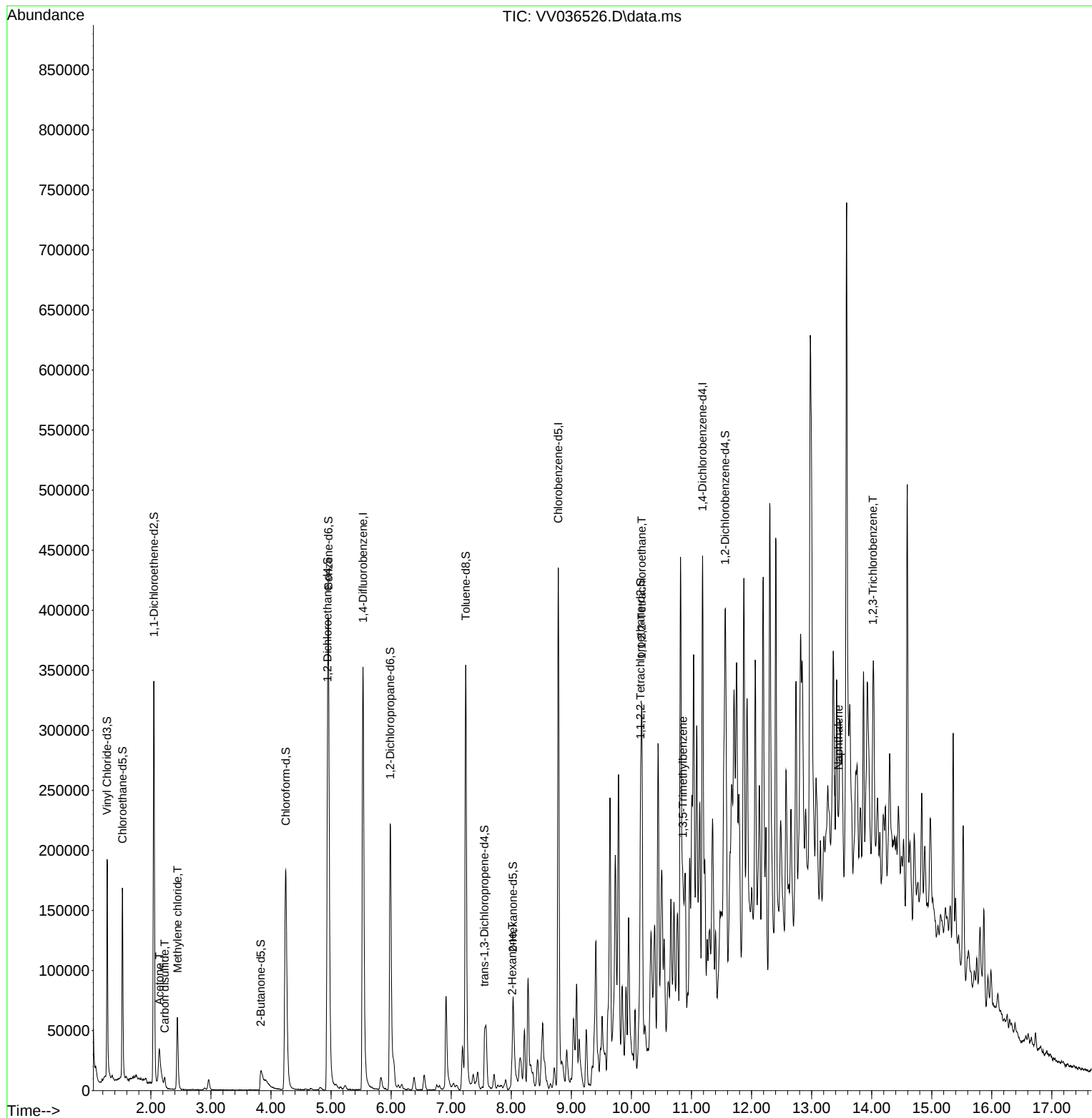
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	329330	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	259885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	76835	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	119579	25.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.360%
7) Chloroethane-d5	1.526	69	105261	25.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.080%
11) 1,1-Dichloroethene-d2	2.050	65	53223	21.967	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.880%
21) 2-Butanone-d5	3.831	46	35642	44.135	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.280%
24) Chloroform-d	4.246	84	201847	21.056	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.240%
26) 1,2-Dichloroethane-d4	4.940	65	106912	22.486	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.960%
32) Benzene-d6	4.957	84	357444	27.569	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.280%
36) 1,2-Dichloropropane-d6	5.985	67	108557	28.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.360%
41) Toluene-d8	7.243	98	251113	20.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.960%
43) trans-1,3-Dichloroprop...	7.554	79	32808	20.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.680%
47) 2-Hexanone-d5	8.030	63	24764	57.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	81762	25.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.480%
66) 1,2-Dichlorobenzene-d4	11.561	152	48173	18.475	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.880%#
Target Compounds						
					Qvalue	
13) Acetone	2.143	43	60025	52.574	ug/L #	46
14) Carbon disulfide	2.230	76	8433	0.772	ug/L	100
16) Methylene chloride	2.442	84	28057	4.144	ug/L	96
48) 2-Hexanone	8.017	43	8328	7.612	ug/L #	31
57) 1,1,2,2-Tetrachloroethane	10.172	83	20023	6.856	ug/L #	36
62) 1,3,5-Trimethylbenzene	10.860	105	2970	0.540	ug/L	91
71) Naphthalene	13.451	128	3348	0.798	ug/L #	74
72) 1,2,3-Trichlorobenzene	14.024	180	3496	1.322	ug/L	96

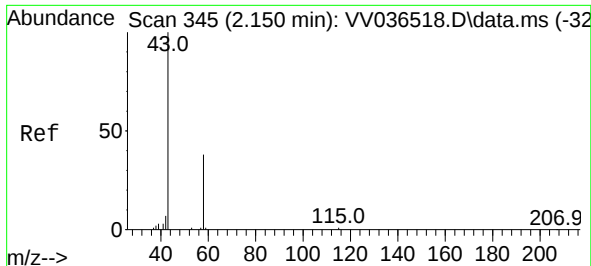
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 52.574 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.007 min

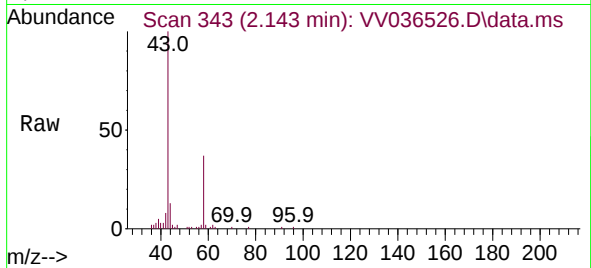
Lab File: VV036526.D

Acq: 15 Jul 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :

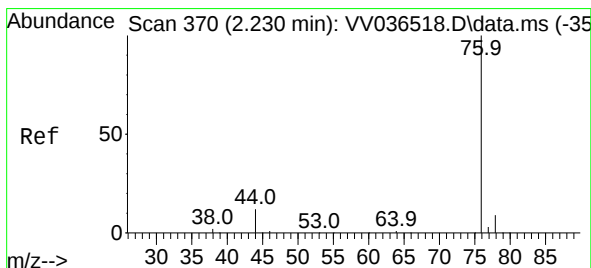
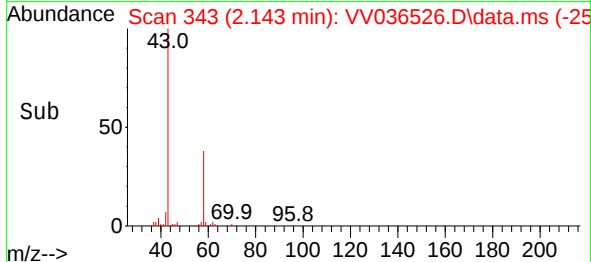
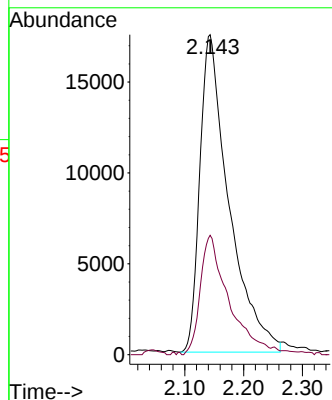


Tgt Ion: 43 Resp: 60025

Ion Ratio Lower Upper

43 100

58 36.4 0.0 28.4#



#14

Carbon disulfide

Concen: 0.772 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

Lab File: VV036526.D

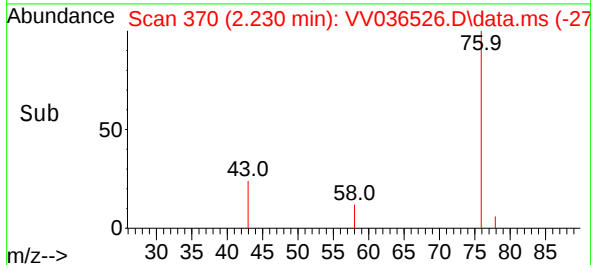
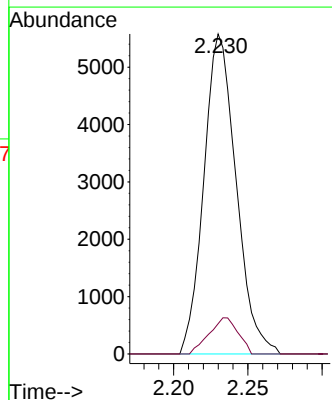
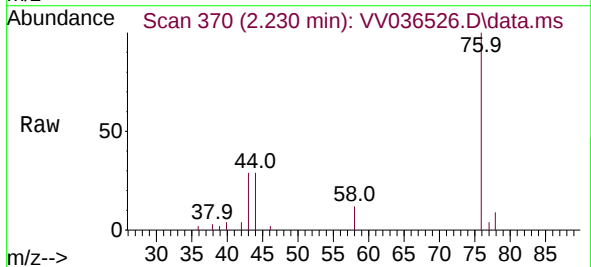
Acq: 15 Jul 2024 14:37

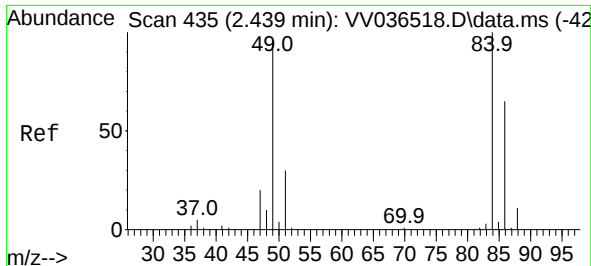
Tgt Ion: 76 Resp: 8433

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#16

Methylene chloride

Concen: 4.144 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

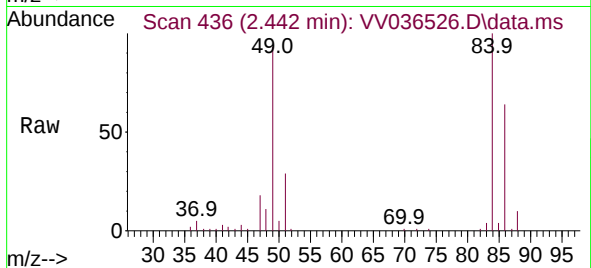
Lab File: VV036526.D

Acq: 15 Jul 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :



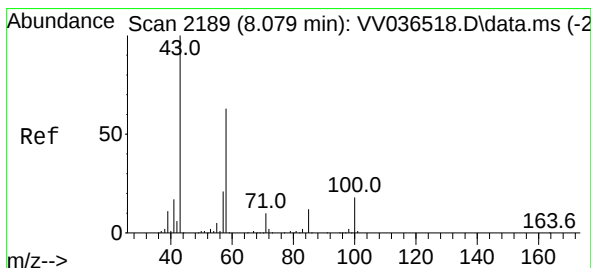
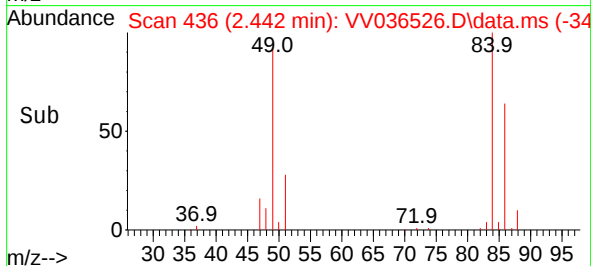
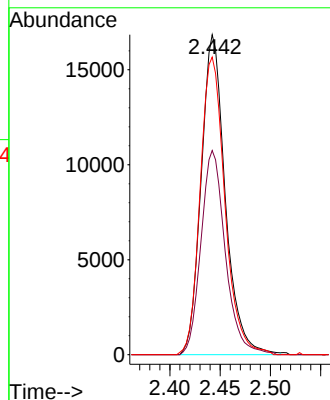
Tgt Ion: 84 Resp: 28057

Ion Ratio Lower Upper

84 100

86 63.8 46.3 86.1

49 93.0 68.1 126.5



#48

2-Hexanone

Concen: 7.612 ug/L

RT: 8.017 min Scan# 2170

Delta R.T. -0.061 min

Lab File: VV036526.D

Acq: 15 Jul 2024 14:37

Tgt Ion: 43 Resp: 8328

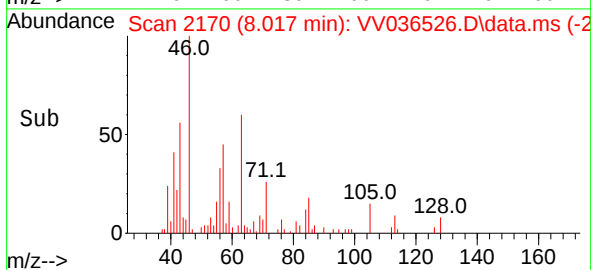
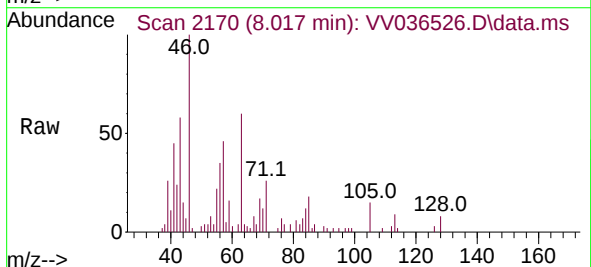
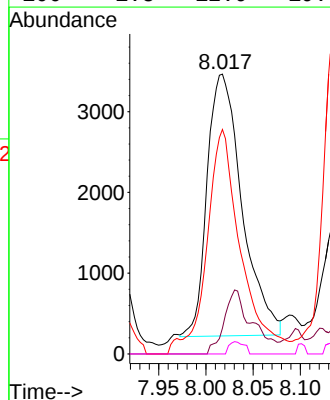
Ion Ratio Lower Upper

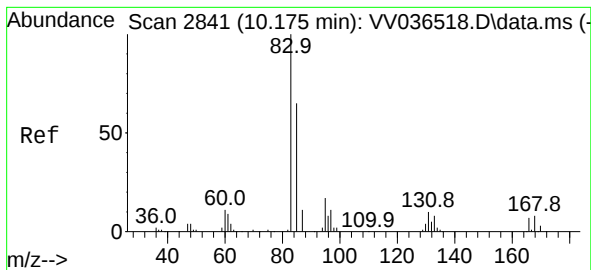
43 100

58 14.2 49.5 74.3#

57 73.1 15.3 22.9#

100 1.8 12.9 19.3#





#57

1,1,2,2-Tetrachloroethane

Concen: 6.856 ug/L

RT: 10.172 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV036526.D

Acq: 15 Jul 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :

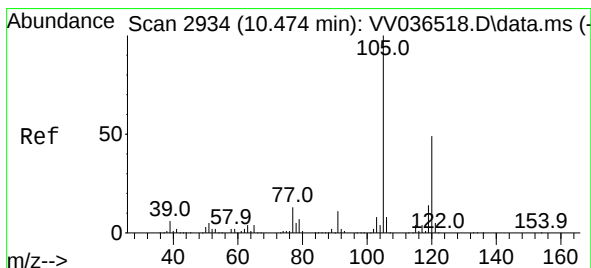
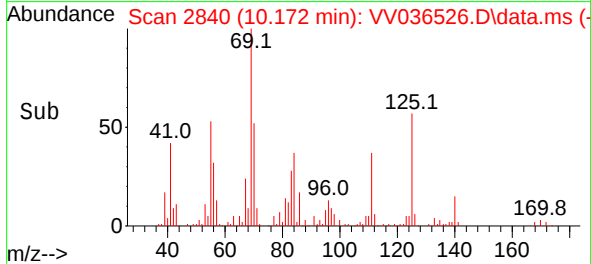
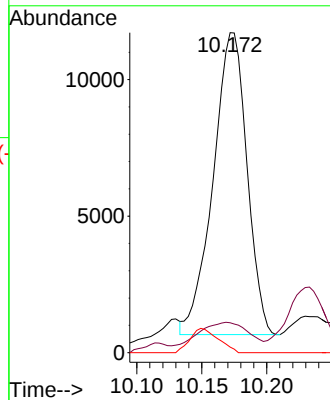
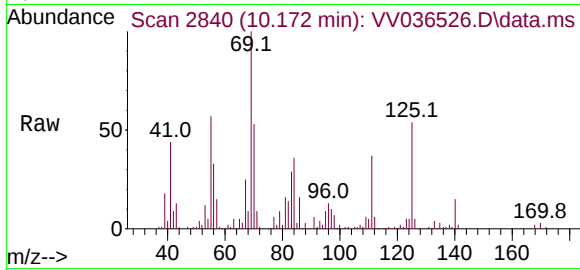
Tgt Ion: 83 Resp: 20023

Ion Ratio Lower Upper

83 100

85 9.4 45.0 83.6#

131 1.7 8.1 12.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.540 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.386 min

Lab File: VV036526.D

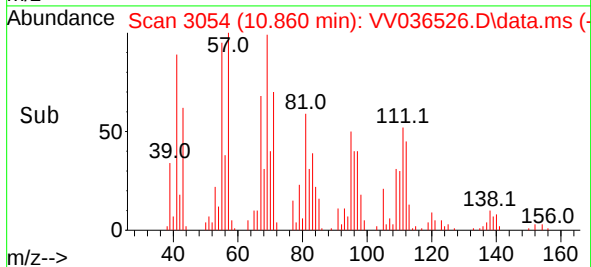
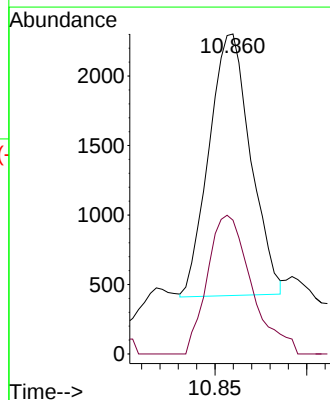
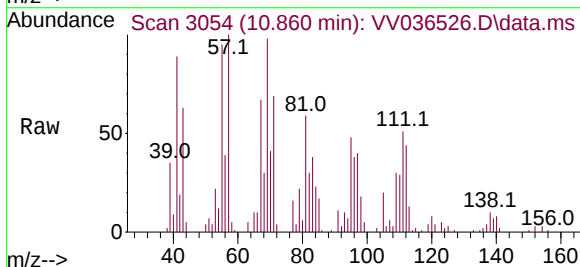
Acq: 15 Jul 2024 14:37

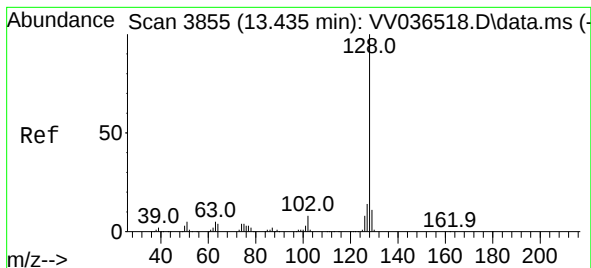
Tgt Ion:105 Resp: 2970

Ion Ratio Lower Upper

105 100

120 56.1 39.9 59.9





#71

Naphthalene

Concen: 0.798 ug/L

RT: 13.451 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV036526.D

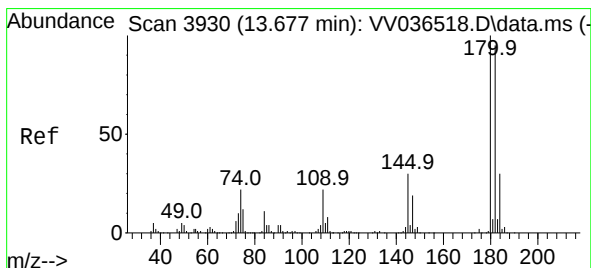
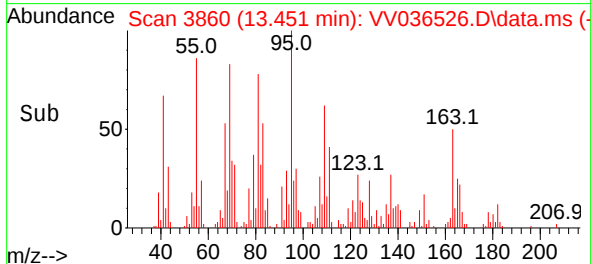
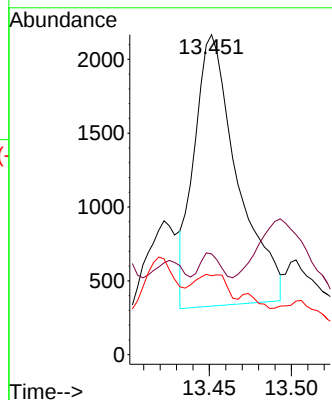
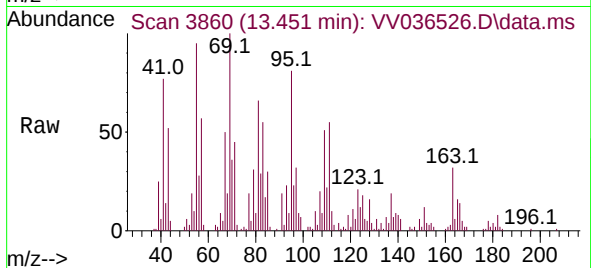
Acq: 15 Jul 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	3348
Ion Ratio	Lower	Upper
128	100	
127	3.8	10.8 16.2#
129	0.0	8.6 13.0#



#72

1,2,3-Trichlorobenzene

Concen: 1.322 ug/L

RT: 14.024 min Scan# 4038

Delta R.T. 0.347 min

Lab File: VV036526.D

Acq: 15 Jul 2024 14:37

Tgt Ion:180	Resp:	3496
Ion Ratio	Lower	Upper
180	100	
182	93.5	76.6 114.8
145	25.8	24.4 36.6

