

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036306.D
 Acq On : 27 Jun 2024 14:14
 Operator : SY/MD
 Sample : P3035-11
 Misc : 5.26g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 02:29:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

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

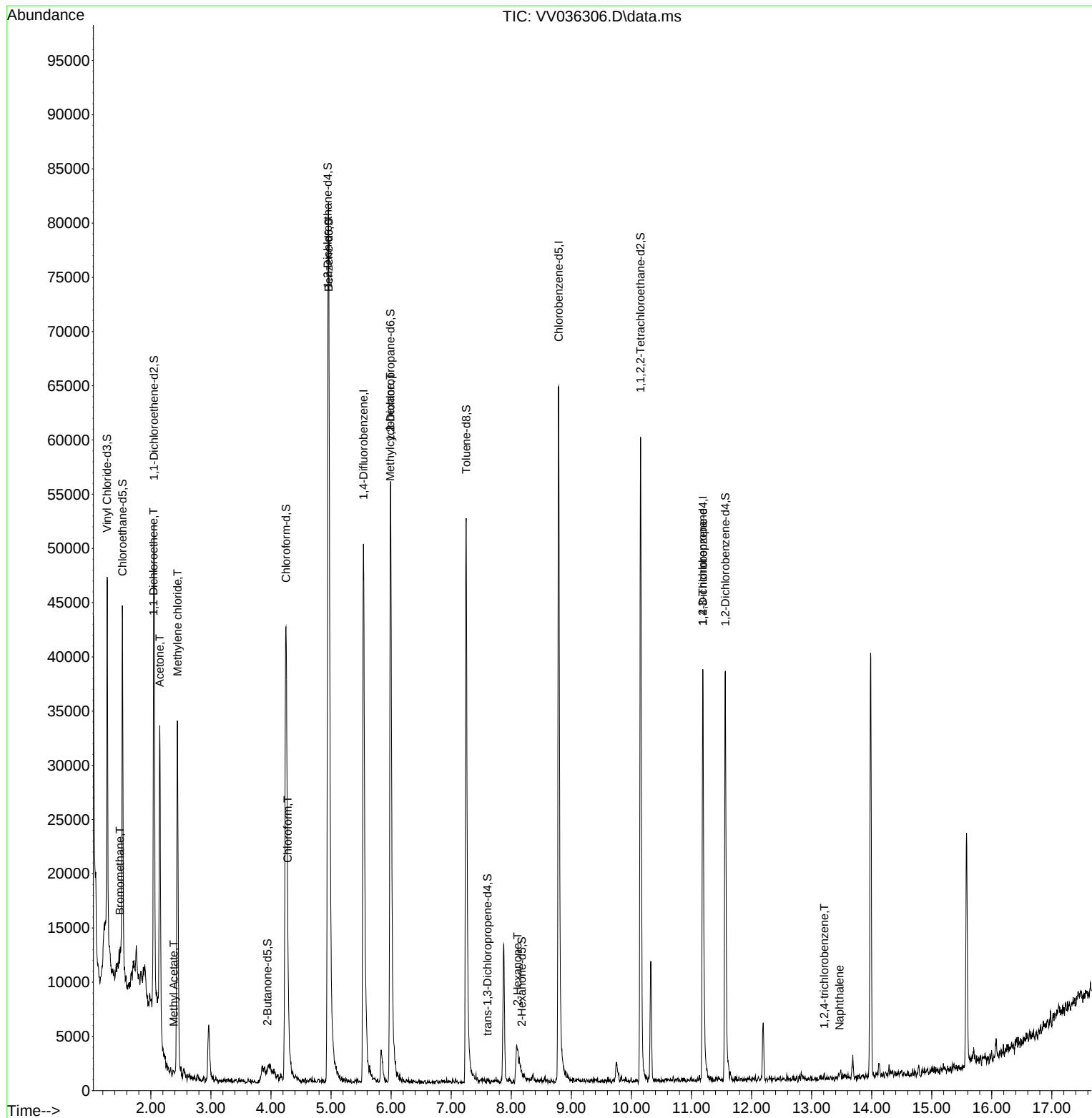
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	49470	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	39038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	11276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	20551	24.461	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	97.840%	
7) Chloroethane-d5	1.529	69	21223	31.626	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	126.520%	
11) 1,1-Dichloroethene-d2	2.050	65	7728	19.567	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	78.280%	
21) 2-Butanone-d5	3.941	46	219	1.123	ug/L	0.11
Spiked Amount	50.000	Range 20 - 135	Recovery	=	2.240%#	
24) Chloroform-d	4.249	84	48618	33.295	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	133.160%	
26) 1,2-Dichloroethane-d4	4.947	65	31081	39.912	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	159.640%#	
32) Benzene-d6	4.960	84	64084	29.080	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	116.320%	
36) 1,2-Dichloropropane-d6	5.989	67	28293	42.684	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	170.720%#	
41) Toluene-d8	7.249	98	41427	20.850	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	7.603	79	119	0.402	ug/L	0.05
Spiked Amount	25.000	Range 30 - 135	Recovery	=	1.600%#	
47) 2-Hexanone-d5	8.175	63	42	0.397	ug/L	0.14
Spiked Amount	50.000	Range 20 - 135	Recovery	=	0.800%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	30858	56.792	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	227.160%#	
66) 1,2-Dichlorobenzene-d4	11.564	152	11258	27.398	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	109.600%	
Target Compounds						Qvalue
6) Bromomethane	1.484	94	503	0.761	ug/L	91
12) 1,1-Dichloroethene	2.043	96	515	0.661	ug/L #	1
13) Acetone	2.146	43	371	1.408	ug/L #	1
15) Methyl Acetate	2.381	43	141	0.416	ug/L #	45
16) Methylene chloride	2.442	84	14144	14.523	ug/L	97
25) Chloroform	4.278	83	971	0.662	ug/L	90
35) Methylcyclohexane	5.985	83	7309	7.188	ug/L #	21
48) 2-Hexanone	8.104	43	2129	8.127	ug/L #	40
61) 1,2,3-Trichloropropane	11.188	75	1384	5.439	ug/L #	48
70) 1,2,4-trichlorobenzene	13.213	180	189	0.443	ug/L #	38
71) Naphthalene	13.464	128	772	1.015	ug/L #	69

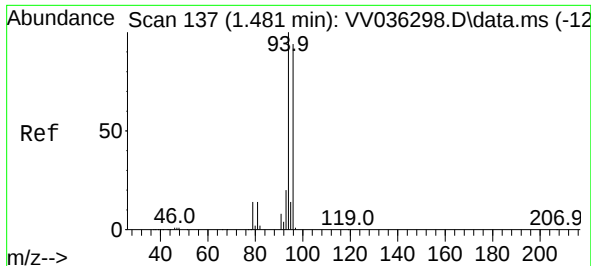
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
Data File : VV036306.D
Acq On : 27 Jun 2024 14:14
Operator : SY/MD
Sample : P3035-11
Misc : 5.26g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 28 02:29:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 00:39:40 2024
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.761 ug/L

RT: 1.484 min Scan# 11

Delta R.T. 0.003 min

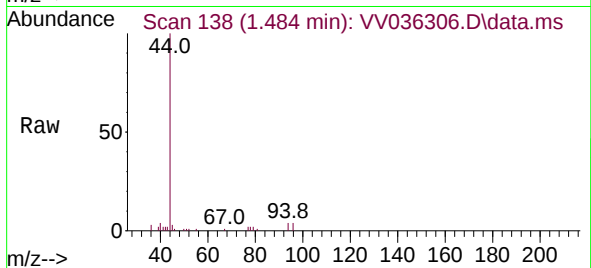
Lab File: VV036306.D

Acq: 27 Jun 2024 14:14

Instrument :

MSVOA_V

ClientSampleId :

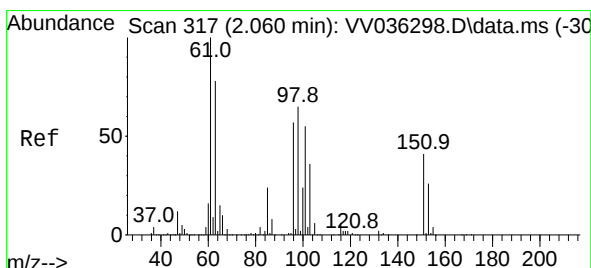
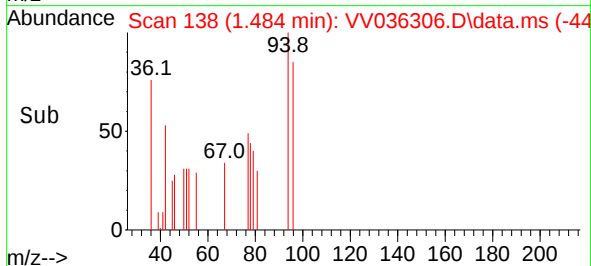
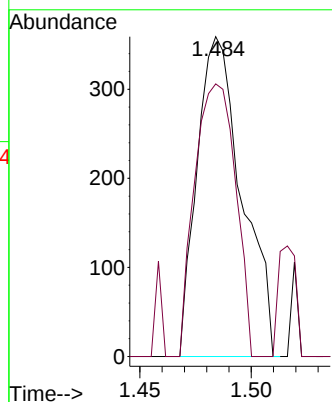


Tgt Ion: 94 Resp: 503

Ion Ratio Lower Upper

94 100

96 85.2 66.1 122.7



#12

1,1-Dichloroethene

Concen: 0.661 ug/L

RT: 2.043 min Scan# 312

Delta R.T. -0.016 min

Lab File: VV036306.D

Acq: 27 Jun 2024 14:14

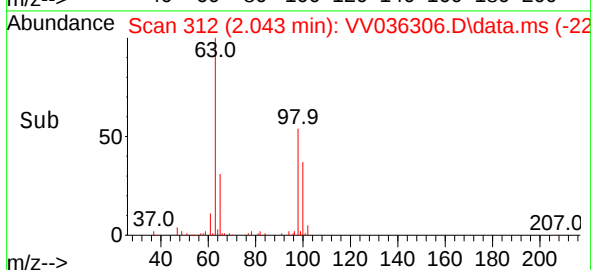
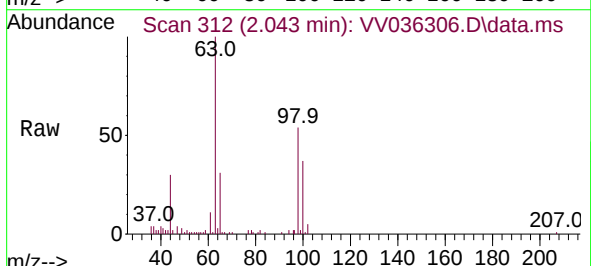
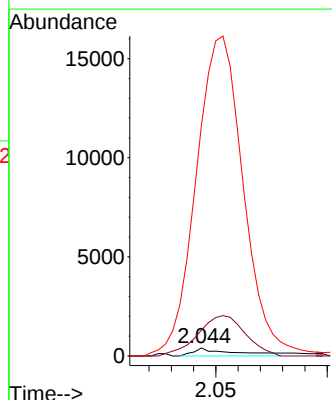
Tgt Ion: 96 Resp: 515

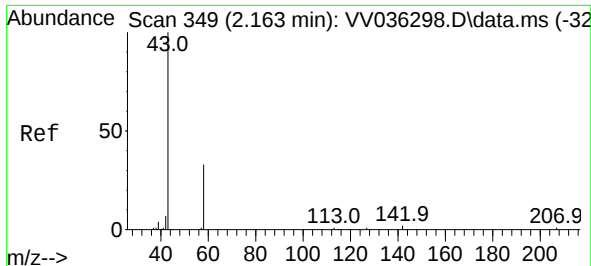
Ion Ratio Lower Upper

96 100

61 323.1 122.6 227.8#

63 2875.9 96.1 178.5#

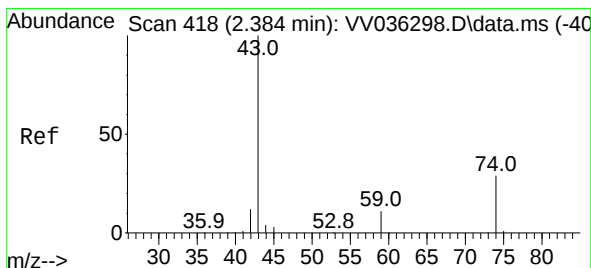
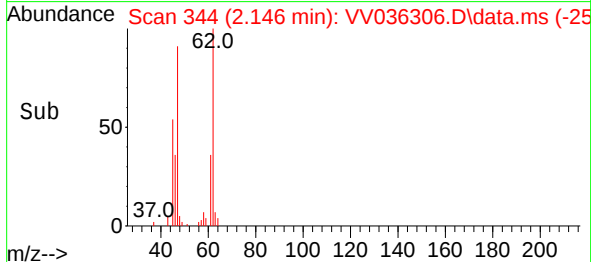
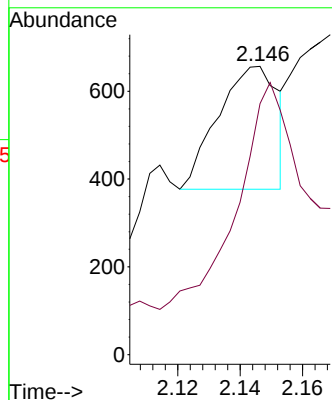
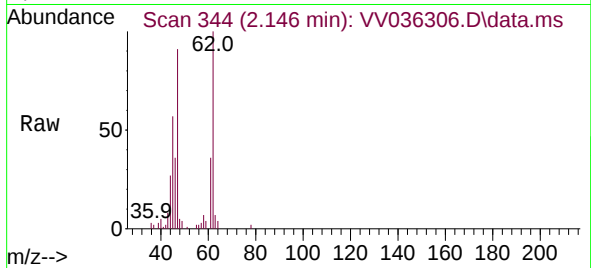




#13
Acetone
Concen: 1.408 ug/L
RT: 2.146 min Scan# 349
Delta R.T. -0.016 min
Lab File: VV036306.D
Acq: 27 Jun 2024 14:14

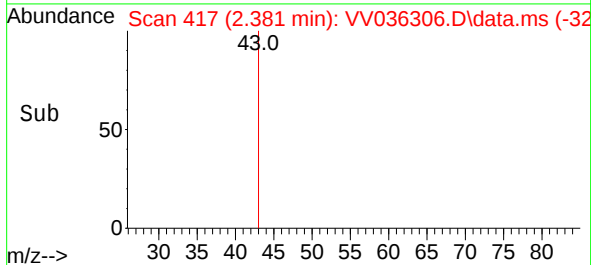
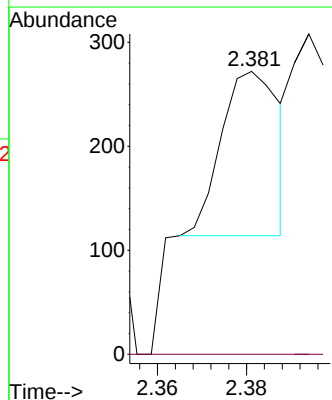
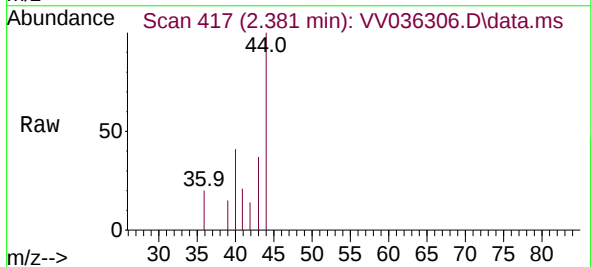
Instrument :
MSVOA_V
ClientSampleId :

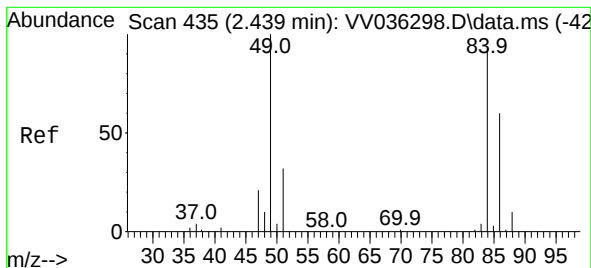
Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 224.5 0.0 0.6#



#15
Methyl Acetate
Concen: 0.416 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.003 min
Lab File: VV036306.D
Acq: 27 Jun 2024 14:14

Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
74 0.0 23.8 35.6#





#16

Methylene chloride

Concen: 14.523 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV036306.D

Acq: 27 Jun 2024 14:14

Instrument :

MSVOA_V

ClientSampleId :

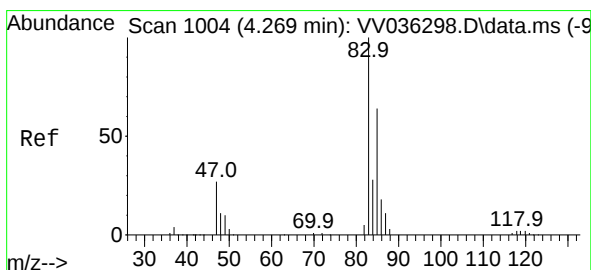
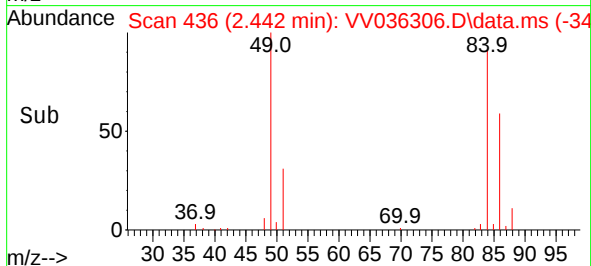
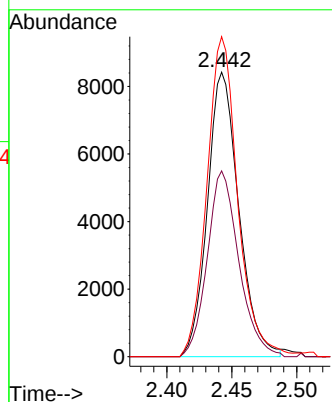
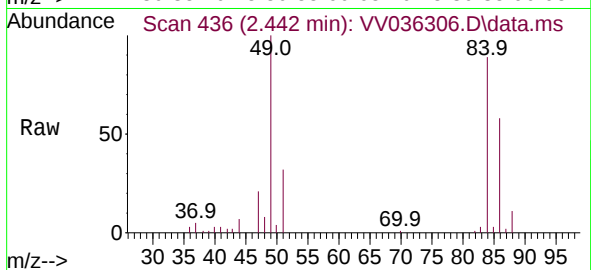
Tgt Ion: 84 Resp: 14144

Ion Ratio Lower Upper

84 100

86 65.3 45.6 84.8

49 112.5 75.7 140.5



#25

Chloroform

Concen: 0.662 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.009 min

Lab File: VV036306.D

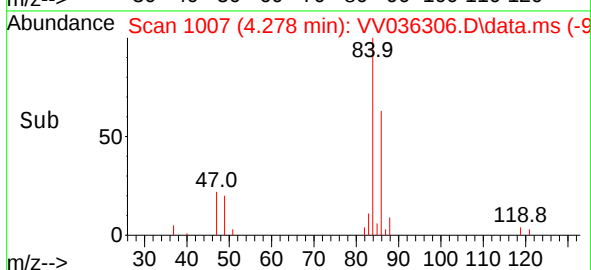
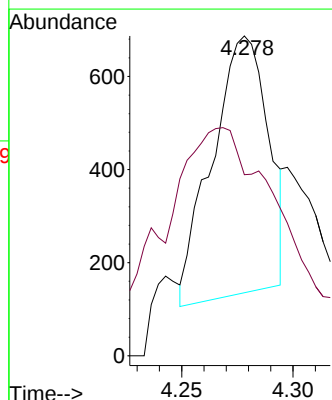
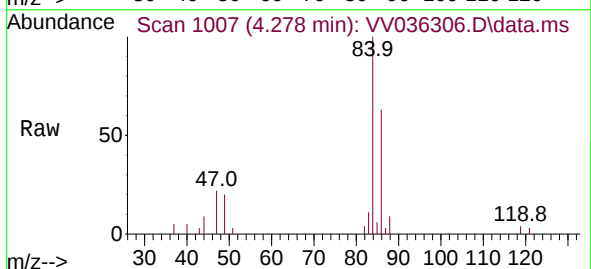
Acq: 27 Jun 2024 14:14

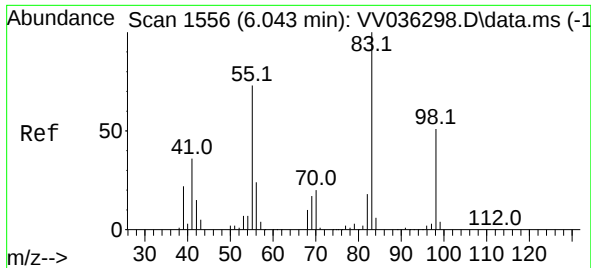
Tgt Ion: 83 Resp: 971

Ion Ratio Lower Upper

83 100

85 56.6 45.0 83.6





#35

Methylcyclohexane

Concen: 7.188 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV036306.D

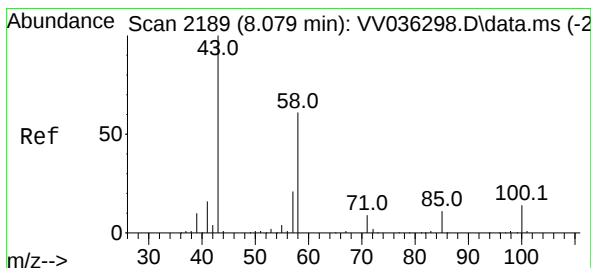
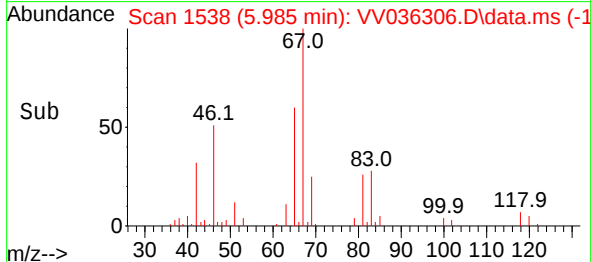
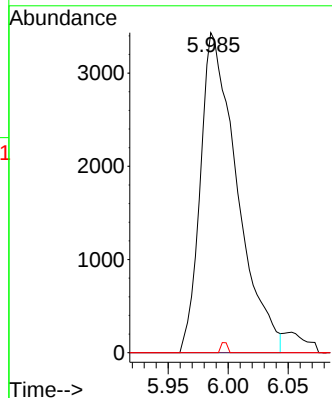
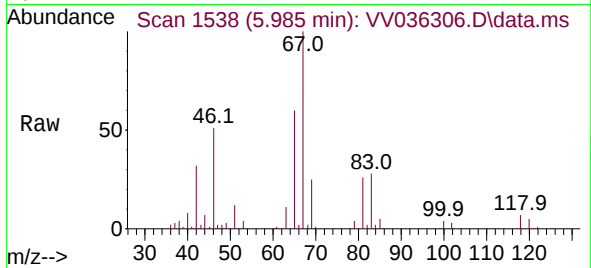
Acq: 27 Jun 2024 14:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7309
Ion Ratio	Lower Upper
83	100
55	0.0 56.0 84.0#
98	0.6 39.0 58.6#



#48

2-Hexanone

Concen: 8.127 ug/L

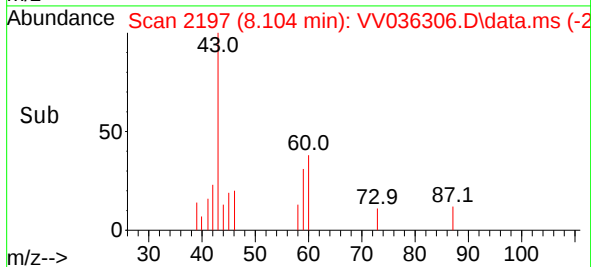
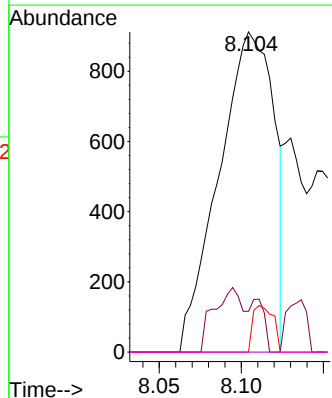
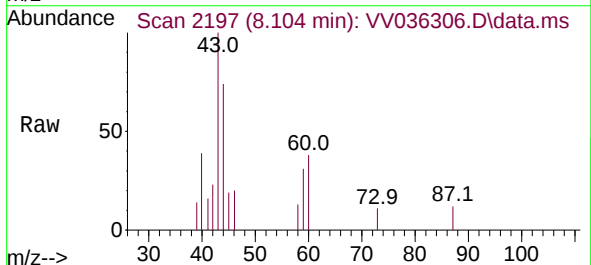
RT: 8.104 min Scan# 2197

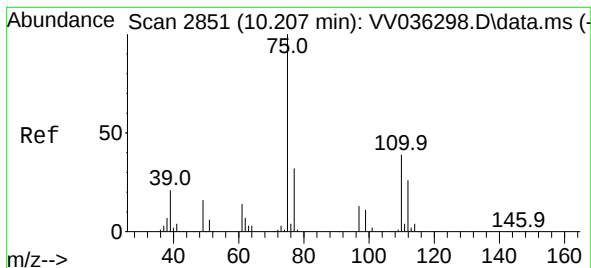
Delta R.T. 0.026 min

Lab File: VV036306.D

Acq: 27 Jun 2024 14:14

Tgt Ion: 43	Resp: 2129
Ion Ratio	Lower Upper
43	100
58	3.8 48.5 72.7#
57	5.3 15.8 23.6#
100	0.0 10.9 16.3#





#61

1,2,3-Trichloropropane

Concen: 5.439 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.981 min

Lab File: VV036306.D

Acq: 27 Jun 2024 14:14

Instrument :

MSVOA_V

ClientSampleId :

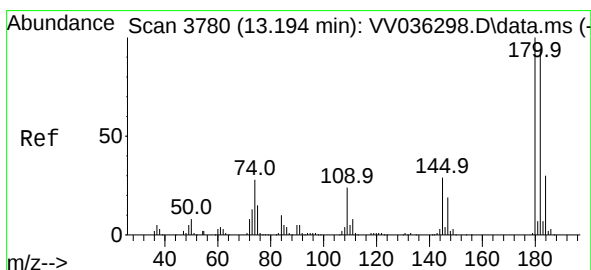
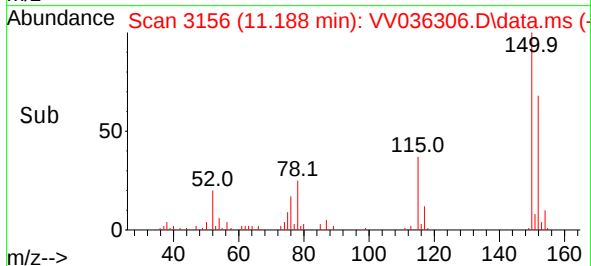
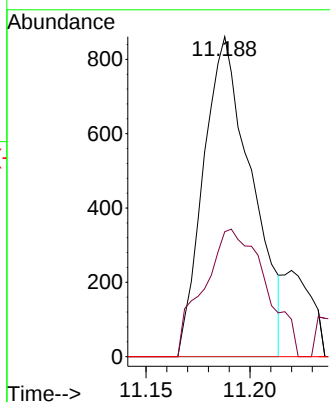
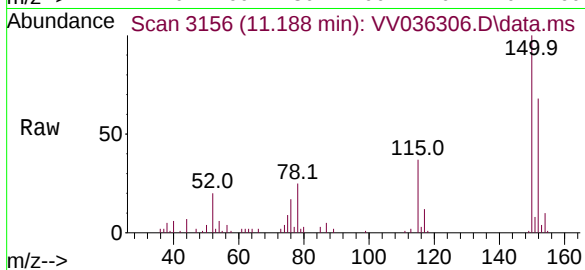
Tgt Ion: 75 Resp: 1384

Ion Ratio Lower Upper

75 100

77 51.2 25.2 37.8#

110 0.0 31.7 47.5#



#70

1,2,4-trichlorobenzene

Concen: 0.443 ug/L

RT: 13.213 min Scan# 3786

Delta R.T. 0.019 min

Lab File: VV036306.D

Acq: 27 Jun 2024 14:14

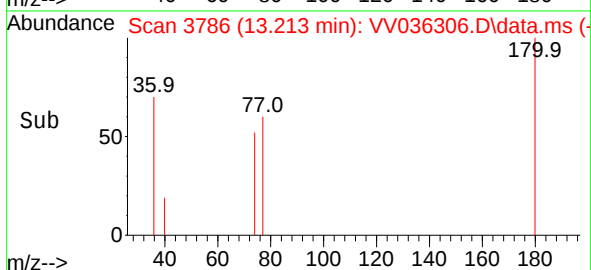
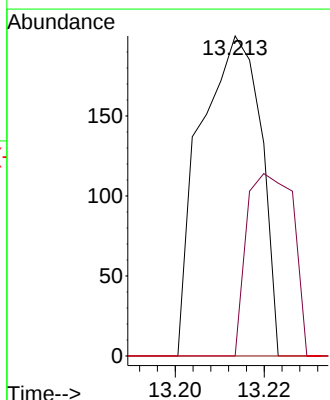
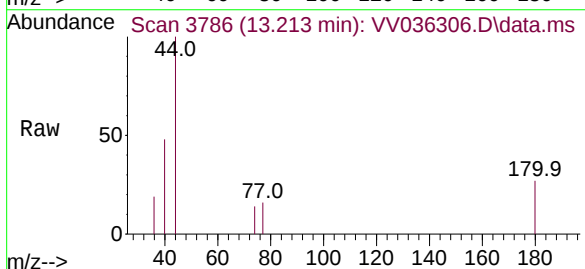
Tgt Ion:180 Resp: 189

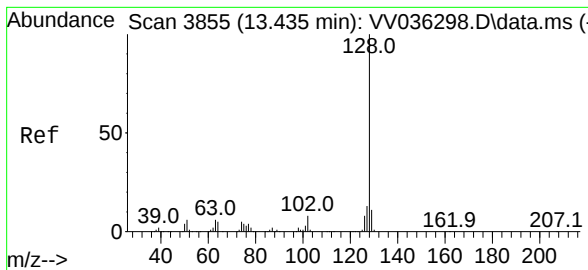
Ion Ratio Lower Upper

180 100

182 33.3 76.1 114.1#

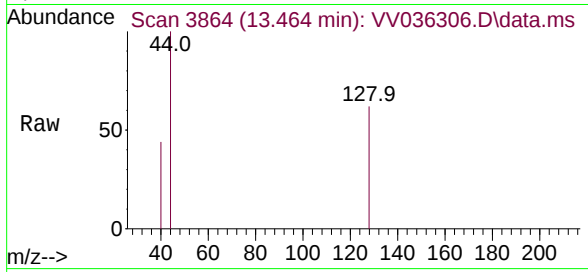
145 0.0 23.8 35.8#





#71
Naphthalene
Concen: 1.015 ug/L
RT: 13.464 min Scan# 3864
Delta R.T. 0.029 min
Lab File: VV036306.D
Acq: 27 Jun 2024 14:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128	Resp:	772
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.8 16.2#
129	0.0	8.6 13.0#

