

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
 Data File : VV036035.D
 Acq On : 11 Jun 2024 15:33
 Operator : SY/MD
 Sample : P2798-05
 Misc : 6.13g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 02:07:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

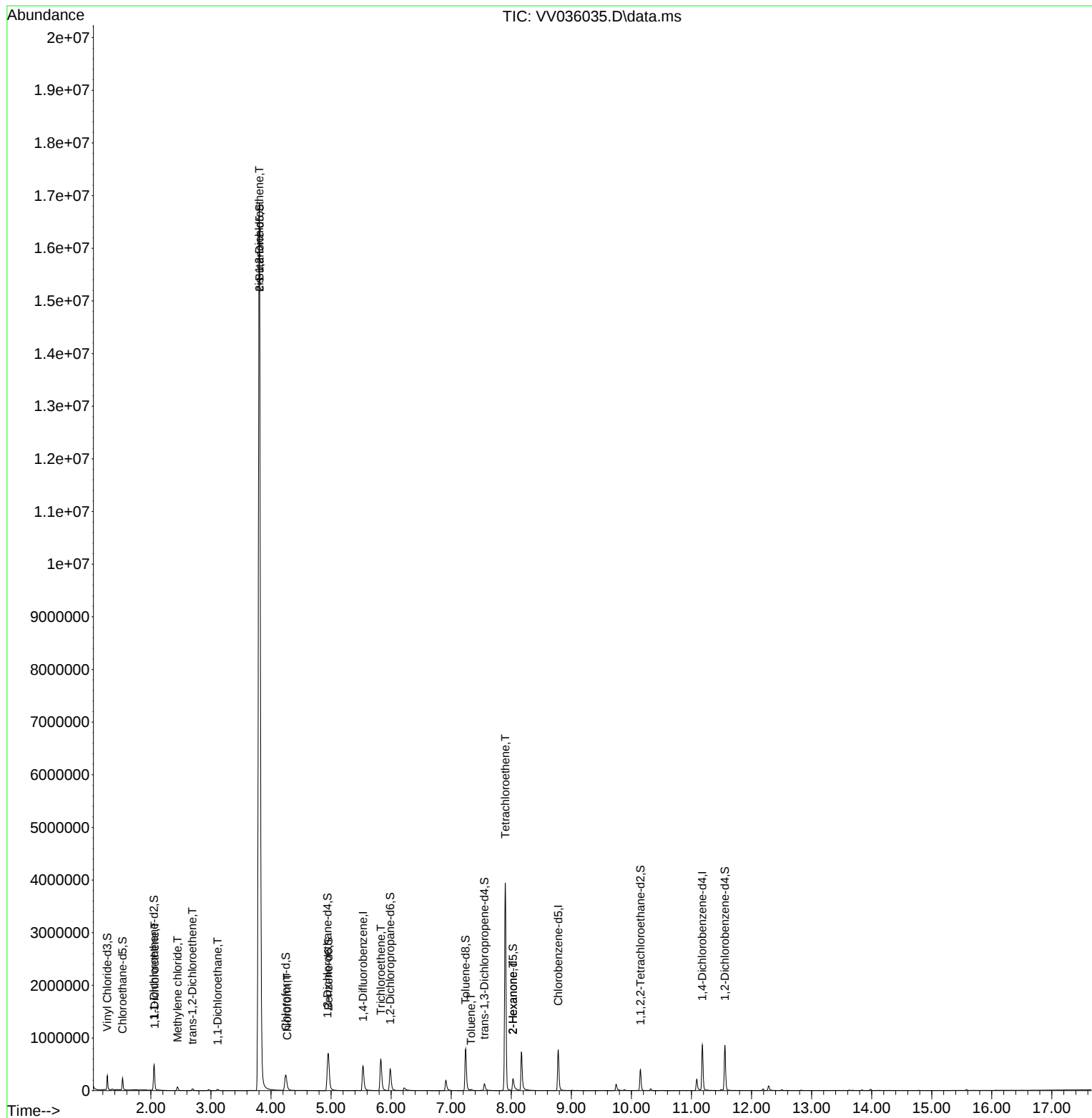
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	417074	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	433274	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	223803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	169974	22.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
7) Chloroethane-d5	1.529	69	147531	24.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.520%
11) 1,1-Dichloroethene-d2	2.053	65	79092	23.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.680%
21) 2-Butanone-d5	3.809	46	64406	36.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.220%
24) Chloroform-d	4.246	84	325811	24.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	4.940	65	183607	26.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.640%
32) Benzene-d6	4.957	84	643397	24.982	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.920%
36) 1,2-Dichloropropane-d6	5.985	67	215392	26.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.240%
41) Toluene-d8	7.239	98	546967	24.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.280%
43) trans-1,3-Dichloroprop...	7.551	79	83925	25.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.960%
47) 2-Hexanone-d5	8.030	63	92009	83.732	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.460%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	199134	32.857	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.440%#
66) 1,2-Dichlorobenzene-d4	11.558	152	223090	27.183	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.720%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.063	96	5178	0.775	ug/L #	1
16) Methylene chloride	2.442	84	29868	3.165	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	13189	1.859	ug/L	93
19) 1,1-Dichloroethane	3.111	63	26050	1.928	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	9344712	1310.817	ug/L	98
25) Chloroform	4.272	83	8389	0.604	ug/L #	74
34) Trichloroethene	5.828	95	215788	24.846	ug/L	99
42) Toluene	7.329	91	15169	0.524	ug/L	94
46) Tetrachloroethene	7.902	164	875623	137.851	ug/L	99
48) 2-Hexanone	8.030	43	10714	3.390	ug/L #	56

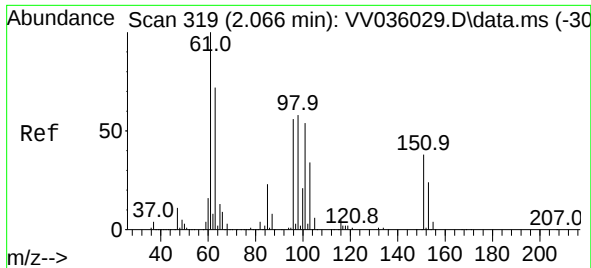
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
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Quant Time: Jun 12 02:07:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 02:05:45 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.775 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

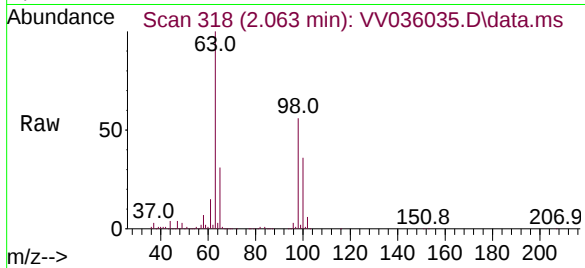
Lab File: VV036035.D

Acq: 11 Jun 2024 15:33

Instrument :

MSVOA_V

ClientSampleId :



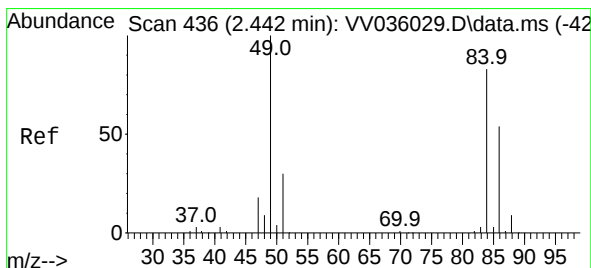
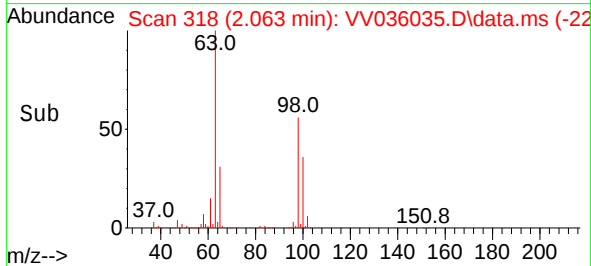
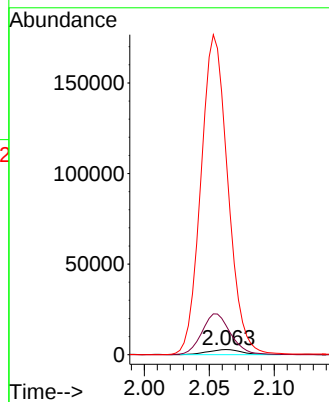
Tgt Ion: 96 Resp: 5178

Ion Ratio Lower Upper

96 100

61 574.5 127.3 236.3#

63 3938.3 93.7 173.9#



#16

Methylene chloride

Concen: 3.165 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036035.D

Acq: 11 Jun 2024 15:33

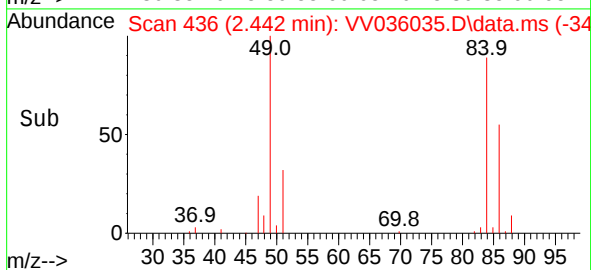
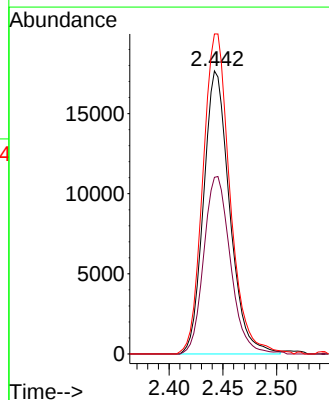
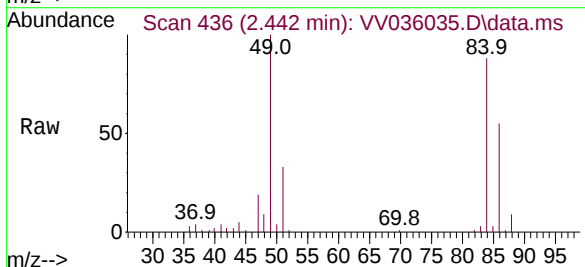
Tgt Ion: 84 Resp: 29868

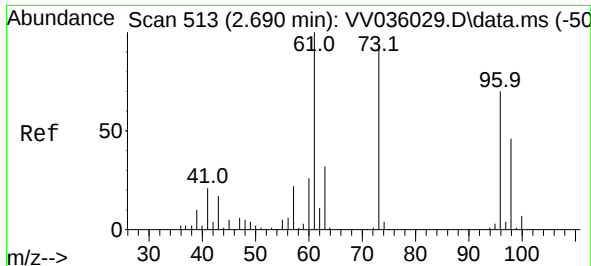
Ion Ratio Lower Upper

84 100

86 62.4 44.6 82.8

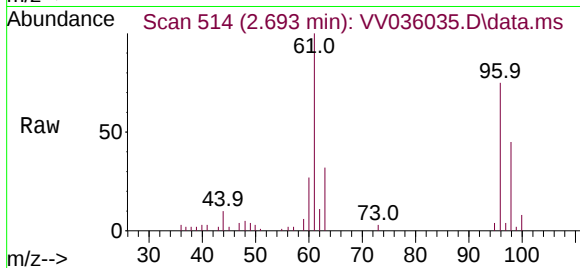
49 113.0 81.1 150.5



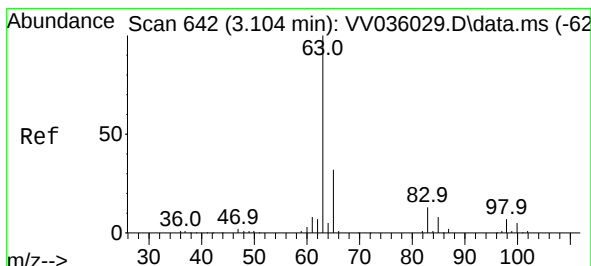
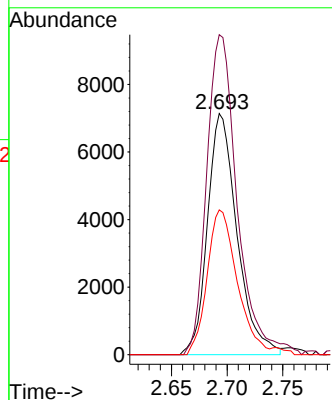
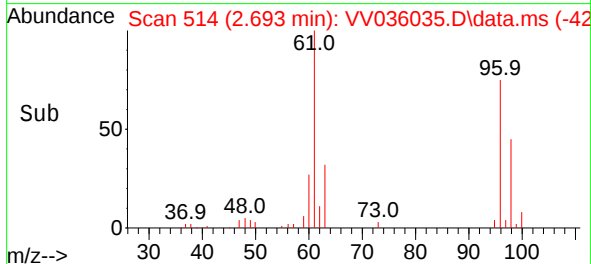


#17
trans-1,2-Dichloroethene
Concen: 1.859 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

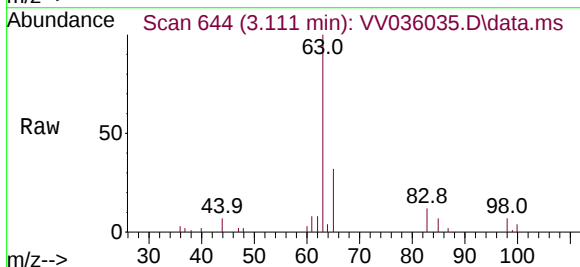
Instrument :
MSVOA_V
ClientSampleId :



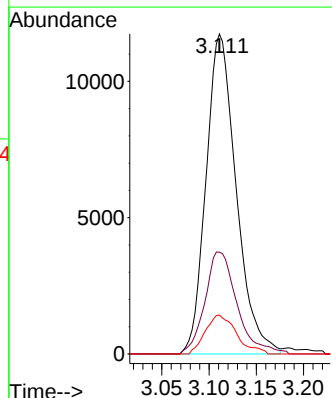
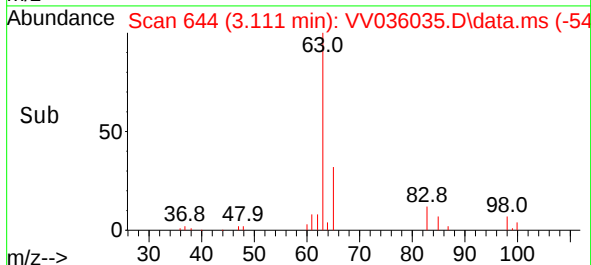
Tgt Ion:	96	Resp:	13189
Ion	Ratio	Lower	Upper
96	100		
61	132.7	99.4	184.6
98	60.1	44.9	83.3

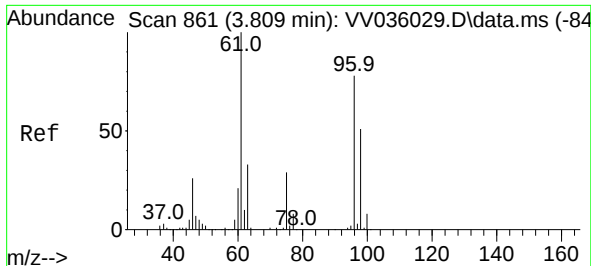


#19
1,1-Dichloroethane
Concen: 1.928 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33



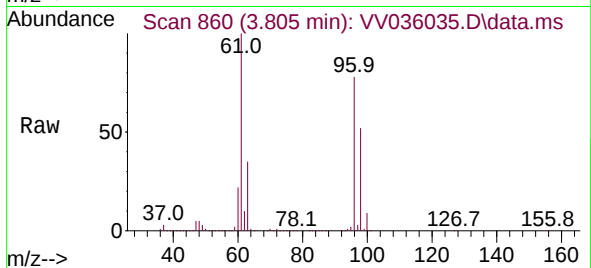
Tgt Ion:	63	Resp:	26050
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.4	41.6
83	12.1	9.2	17.0





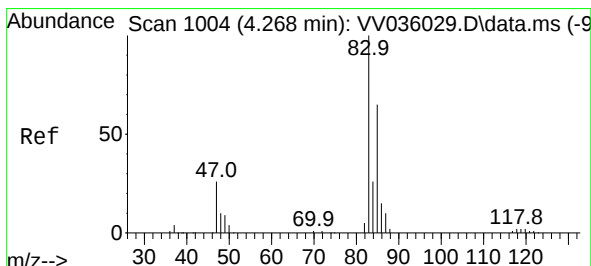
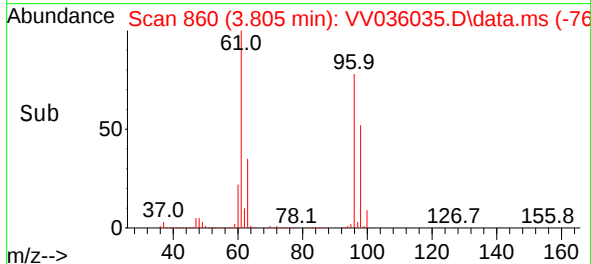
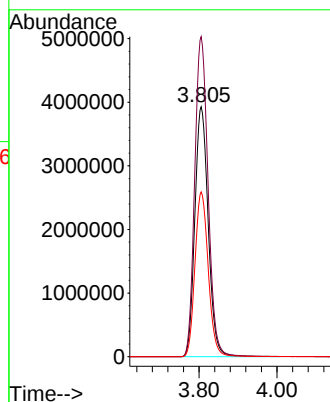
#20
cis-1,2-Dichloroethene
Concen: 1310.817 ug/L
RT: 3.805 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 9344712

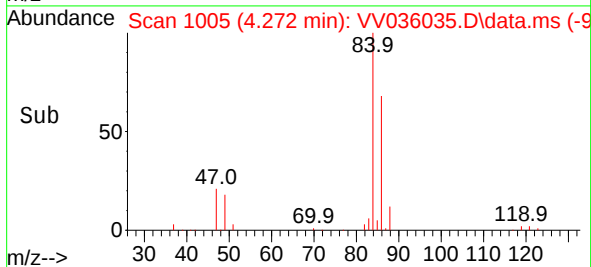
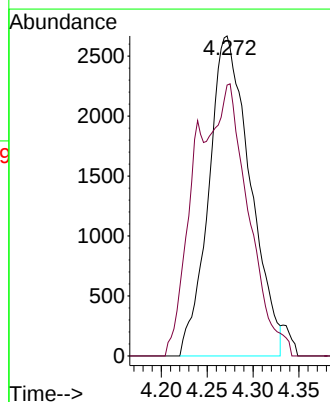
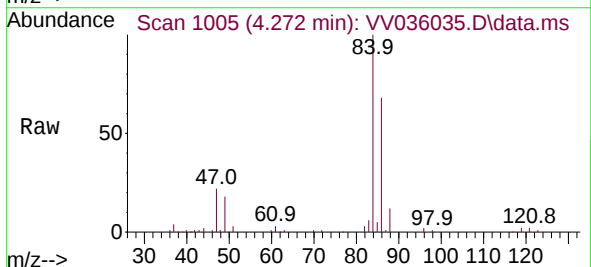
Ion	Ratio	Lower	Upper
96	100		
61	128.0	87.9	163.3
98	66.0	44.4	82.5

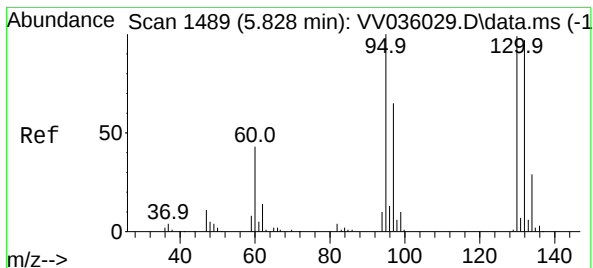


#25
Chloroform
Concen: 0.604 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036035.D
Acq: 11 Jun 2024 15:33

Tgt Ion: 83 Resp: 8389

Ion	Ratio	Lower	Upper
83	100		
85	84.7	45.2	84.0#





#34

Trichloroethene

Concen: 24.846 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036035.D

Acq: 11 Jun 2024 15:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 215788

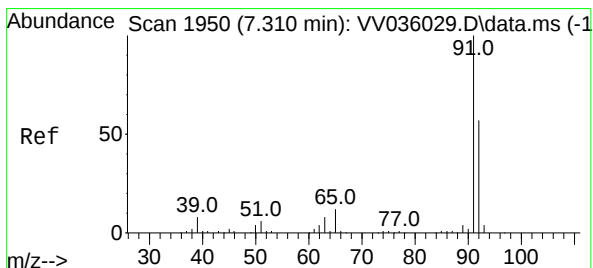
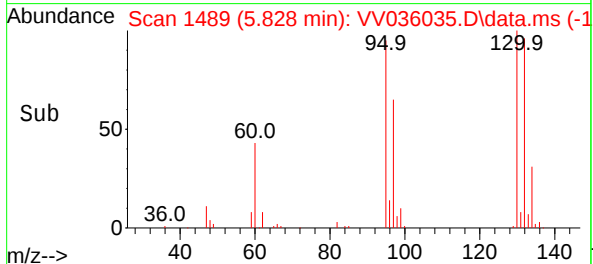
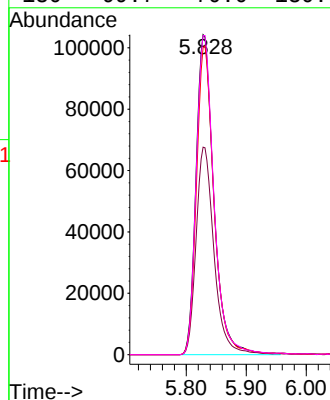
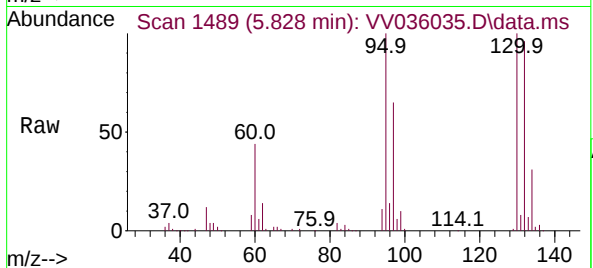
Ion Ratio Lower Upper

95 100

97 64.9 44.8 83.2

132 96.0 66.8 124.2

130 99.7 70.0 130.0



#42

Toluene

Concen: 0.524 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.019 min

Lab File: VV036035.D

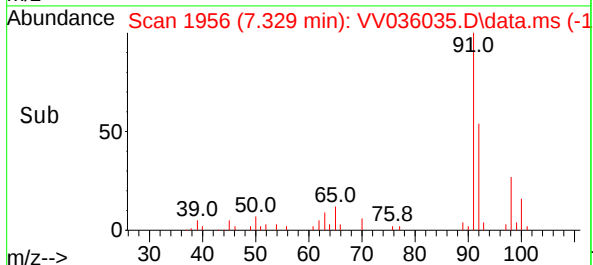
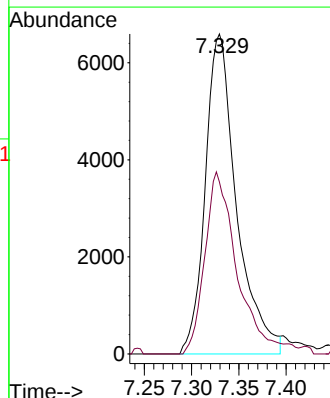
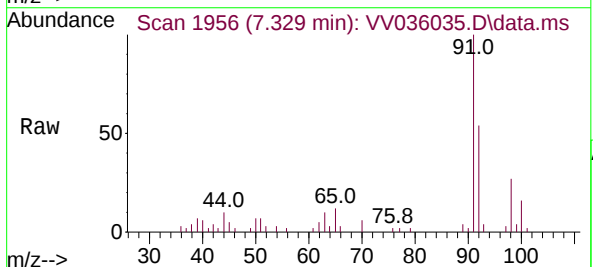
Acq: 11 Jun 2024 15:33

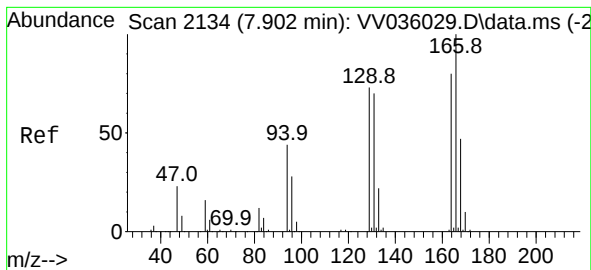
Tgt Ion: 91 Resp: 15169

Ion Ratio Lower Upper

91 100

92 53.7 40.6 75.4





#46

Tetrachloroethene

Concen: 137.851 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

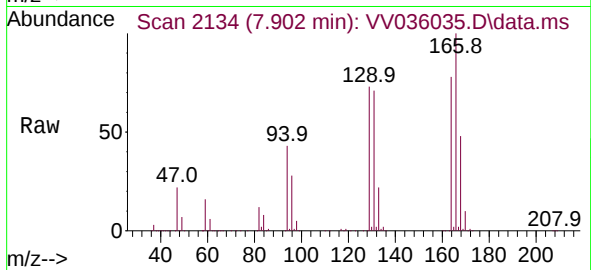
Lab File: VV036035.D

Acq: 11 Jun 2024 15:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 875623

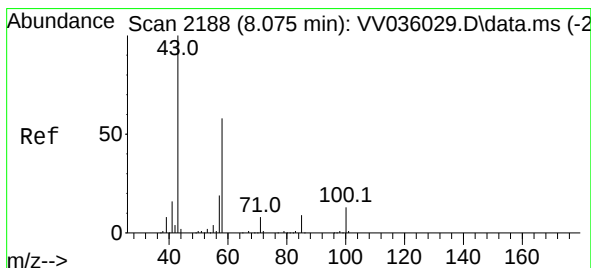
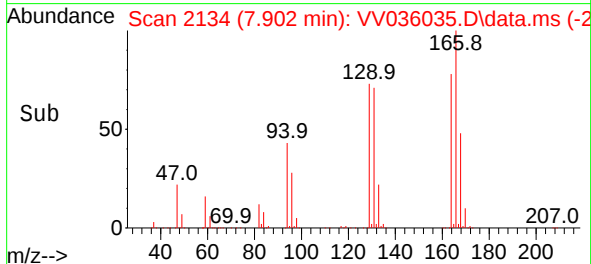
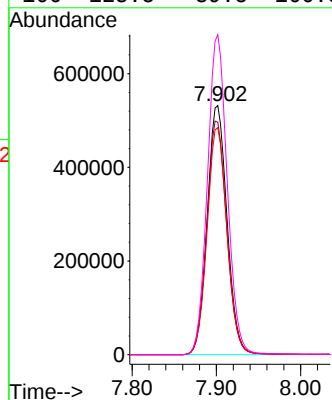
Ion Ratio Lower Upper

164 100

129 93.4 64.6 120.0

131 91.1 63.2 117.4

166 128.5 89.5 166.3



#48

2-Hexanone

Concen: 3.390 ug/L

RT: 8.030 min Scan# 2174

Delta R.T. -0.045 min

Lab File: VV036035.D

Acq: 11 Jun 2024 15:33

Tgt Ion: 43 Resp: 10714

Ion Ratio Lower Upper

43 100

58 17.8 45.4 68.0#

57 34.4 15.8 23.8#

100 2.4 9.8 14.8#

