

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061224\
 Data File : VV036044.D
 Acq On : 12 Jun 2024 18:33
 Operator : SY/MD
 Sample : P2850-05
 Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 02:11:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 02:10:50 2024
 Response via : Initial Calibration

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

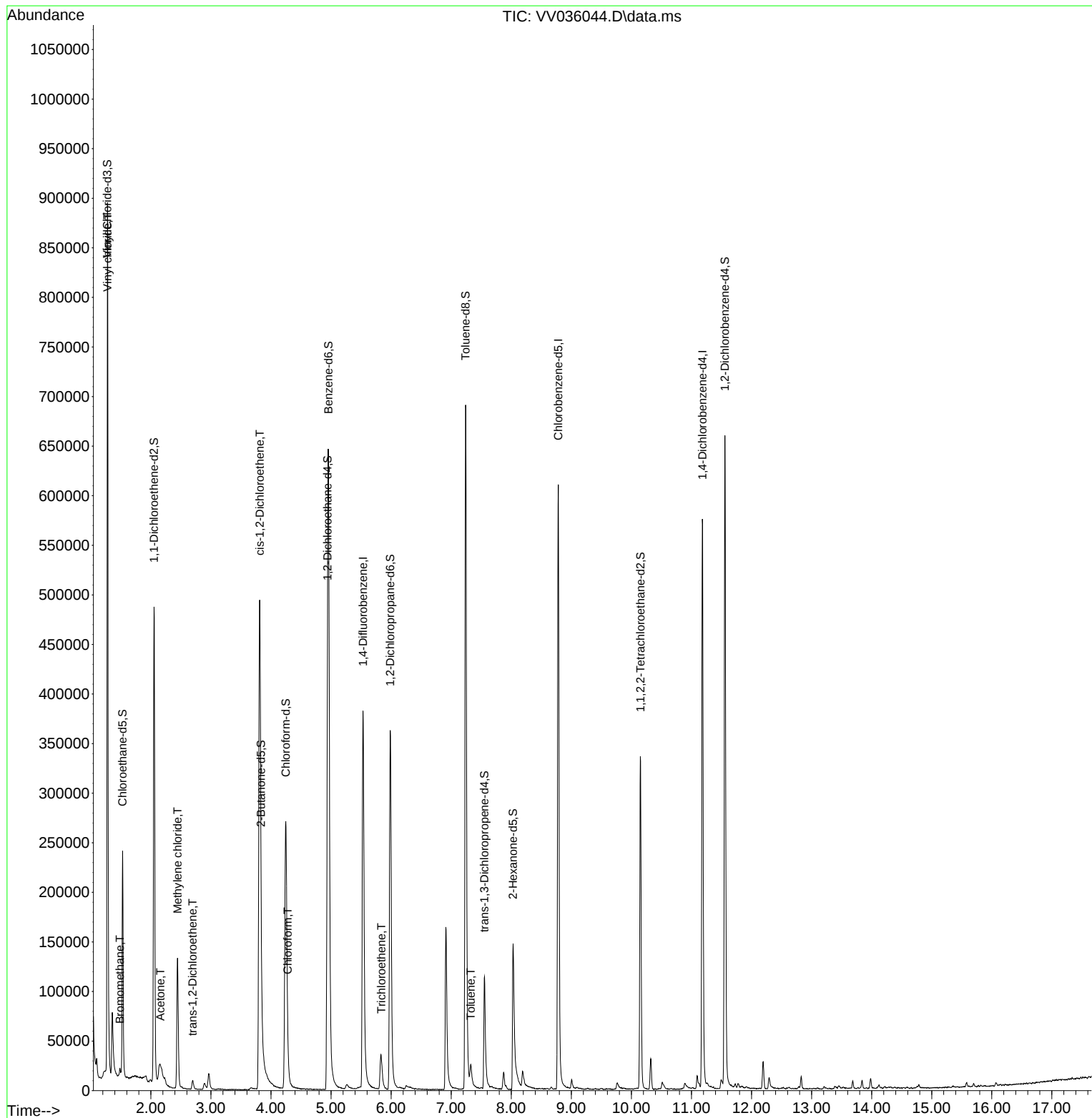
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	342145	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	348811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	155380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	197616	31.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.680%
7) Chloroethane-d5	1.529	69	148478	29.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.400%
11) 1,1-Dichloroethene-d2	2.053	65	82994	29.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	118.560%#
21) 2-Butanone-d5	3.834	46	73274	50.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.540%
24) Chloroform-d	4.246	84	300699	27.644	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.560%
26) 1,2-Dichloroethane-d4	4.941	65	169235	29.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.680%
32) Benzene-d6	4.957	84	582662	28.102	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.400%
36) 1,2-Dichloropropane-d6	5.985	67	190308	29.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.600%
41) Toluene-d8	7.239	98	480228	26.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.555	79	73743	27.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.160%
47) 2-Hexanone-d5	8.030	63	57446	64.937	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.880%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	168118	34.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.840%#
66) 1,2-Dichlorobenzene-d4	11.558	152	172747	30.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.280%#
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	401222	53.830	ug/L	100
6) Bromomethane	1.484	94	2752	0.595	ug/L	96
13) Acetone	2.159	43	58549	26.043	ug/L #	51
16) Methylene chloride	2.445	84	57043	7.368	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	3230	0.555	ug/L	78
20) cis-1,2-Dichloroethene	3.812	96	274572	46.950	ug/L	100
25) Chloroform	4.278	83	6986	0.613	ug/L	97
34) Trichloroethene	5.838	95	6426	0.919	ug/L	96
42) Toluene	7.326	91	17805	0.764	ug/L	96

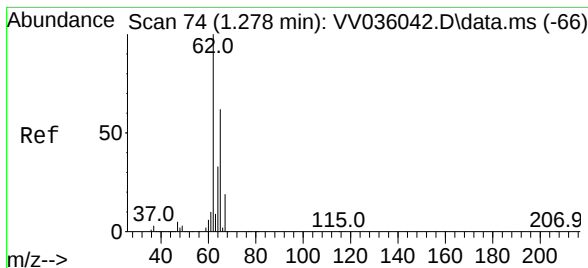
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 13 02:10:50 2024
Response via : Initial Calibration

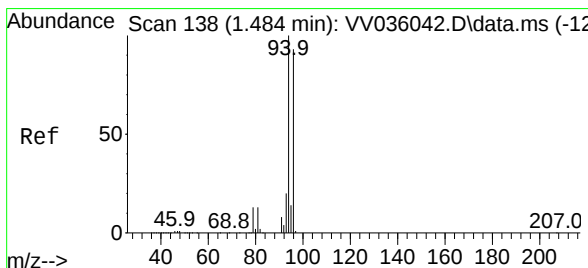
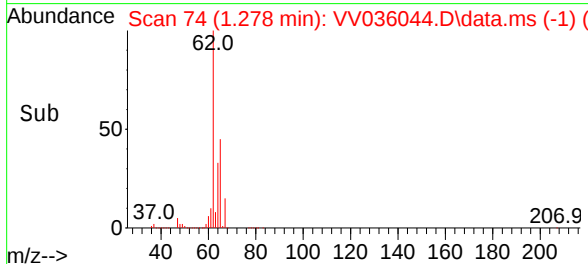
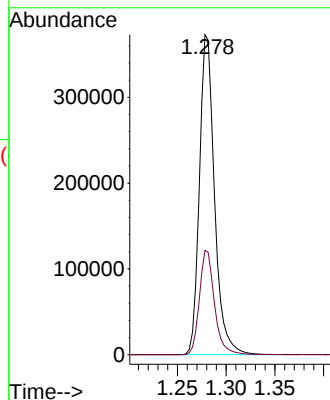
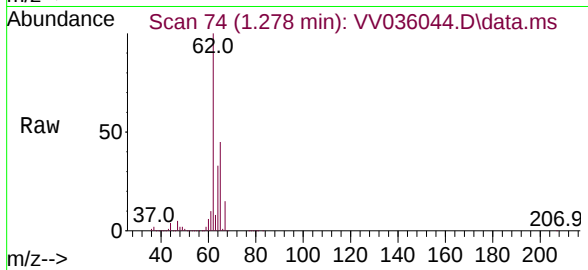




#5
 Vinyl chloride
 Concen: 53.830 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036044.D
 Acq: 12 Jun 2024 18:33

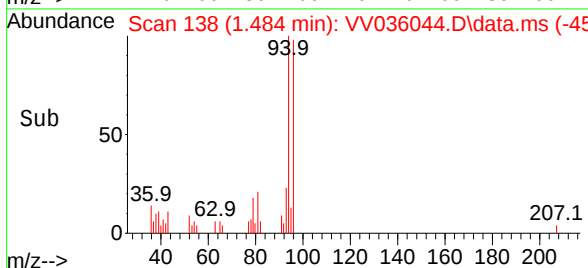
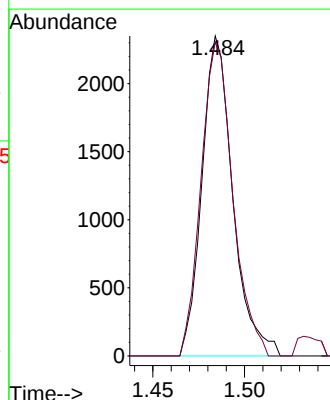
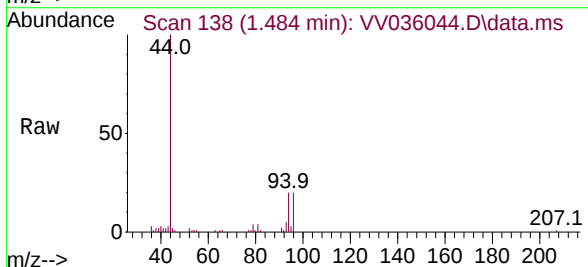
Instrument :
 MSVOA_V
 ClientSampleId :

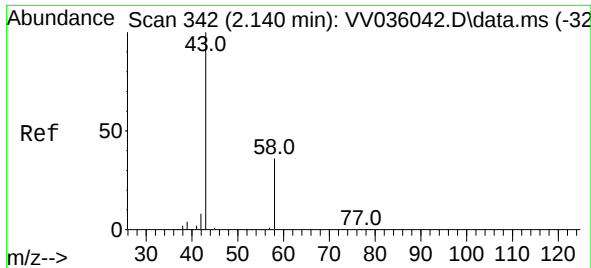
Tgt Ion: 62 Resp: 401222
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.9 42.5



#6
 Bromomethane
 Concen: 0.595 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV036044.D
 Acq: 12 Jun 2024 18:33

Tgt Ion: 94 Resp: 2752
 Ion Ratio Lower Upper
 94 100
 96 98.1 65.7 122.1





#13

Acetone

Concen: 26.043 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.019 min

Lab File: VV036044.D

Acq: 12 Jun 2024 18:33

Instrument :

MSVOA_V

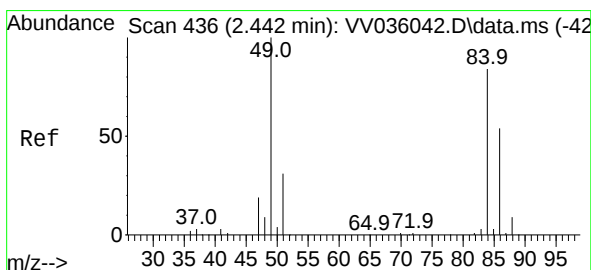
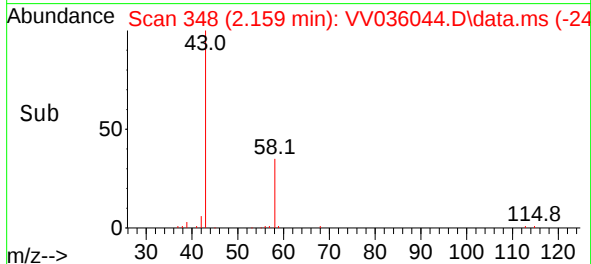
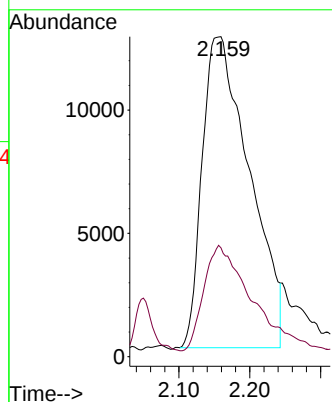
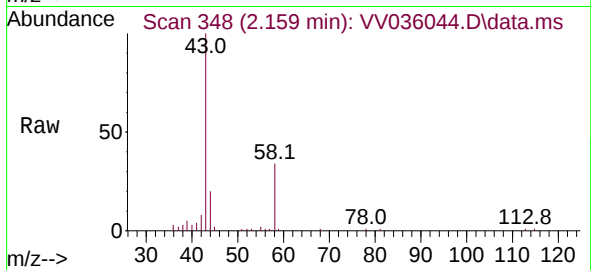
ClientSampleId :

Tgt Ion: 43 Resp: 58549

Ion Ratio Lower Upper

43 100

58 31.3 0.0 24.2#



#16

Methylene chloride

Concen: 7.368 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV036044.D

Acq: 12 Jun 2024 18:33

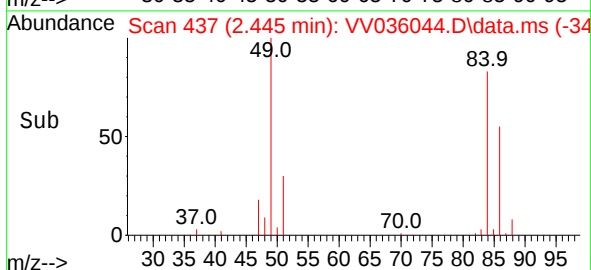
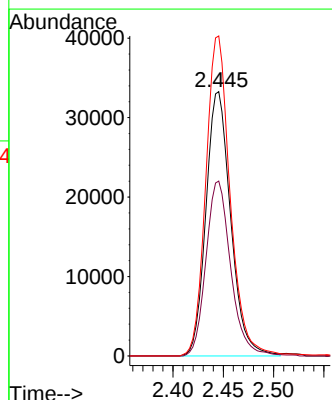
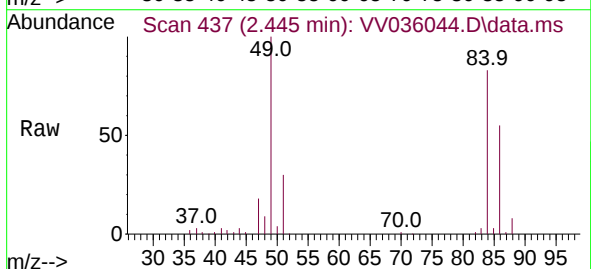
Tgt Ion: 84 Resp: 57043

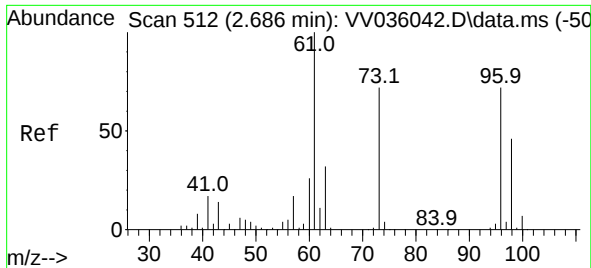
Ion Ratio Lower Upper

84 100

86 66.1 44.6 82.8

49 121.1 81.1 150.5





#17

trans-1,2-Dichloroethene

Concen: 0.555 ug/L

RT: 2.696 min Scan# 512

Delta R.T. 0.010 min

Lab File: VV036044.D

Acq: 12 Jun 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

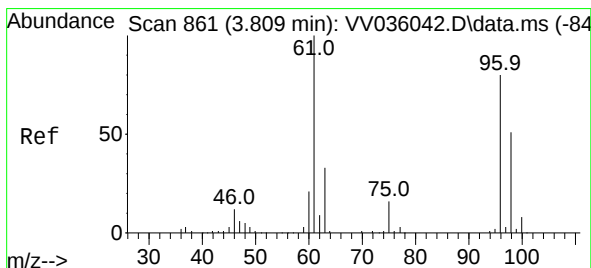
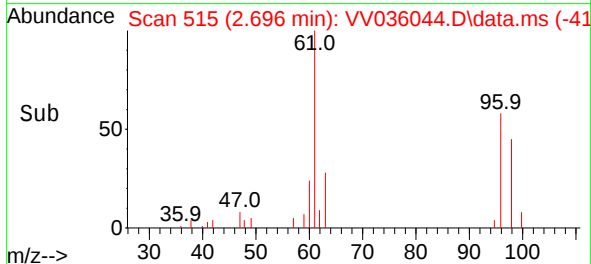
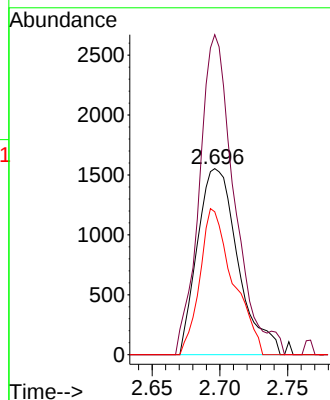
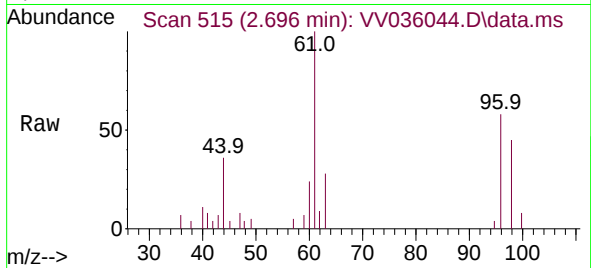
Tgt Ion: 96 Resp: 3230

Ion Ratio Lower Upper

96 100

61 172.0 99.4 184.6

98 76.8 44.9 83.3



#20

cis-1,2-Dichloroethene

Concen: 46.950 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV036044.D

Acq: 12 Jun 2024 18:33

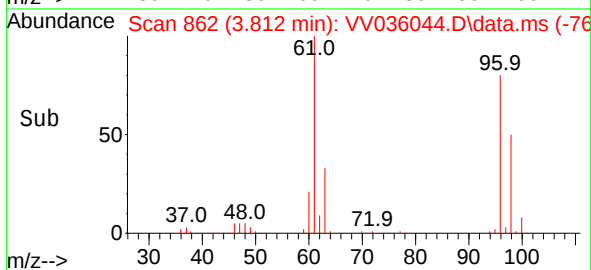
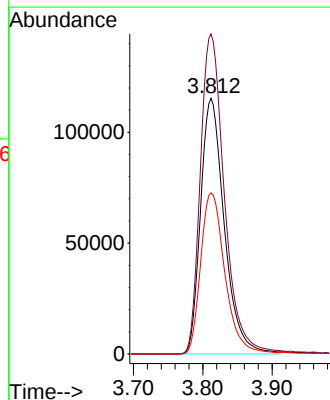
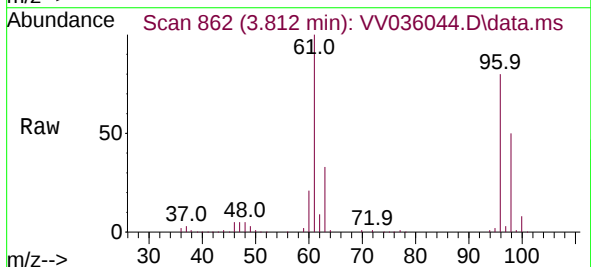
Tgt Ion: 96 Resp: 274572

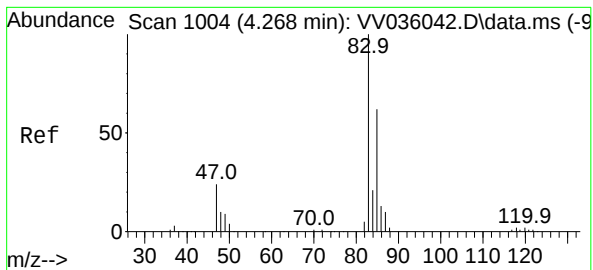
Ion Ratio Lower Upper

96 100

61 125.2 87.9 163.3

98 63.0 44.4 82.5





#25

Chloroform

Concen: 0.613 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV036044.D

Acq: 12 Jun 2024 18:33

Instrument :

MSVOA_V

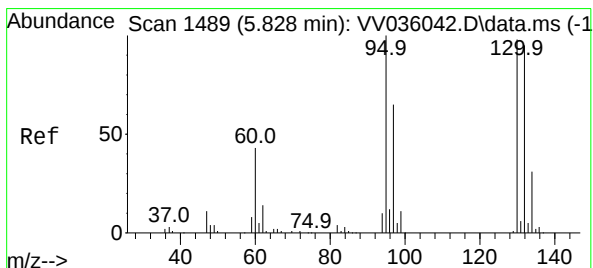
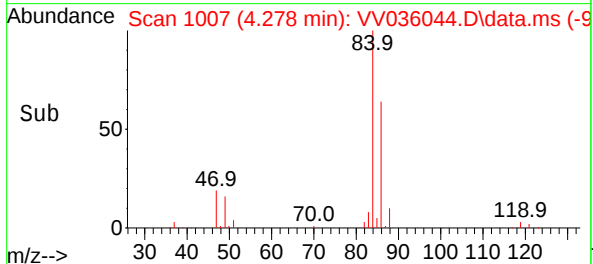
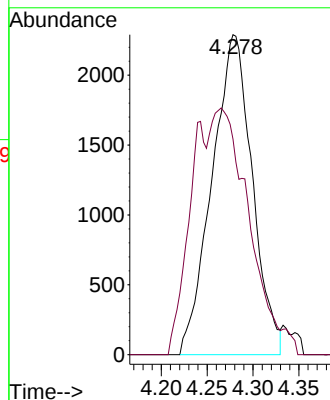
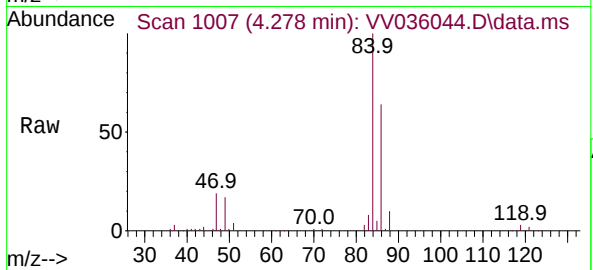
ClientSampleId :

Tgt Ion: 83 Resp: 6986

Ion Ratio Lower Upper

83 100

85 67.3 45.2 84.0



#34

Trichloroethene

Concen: 0.919 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV036044.D

Acq: 12 Jun 2024 18:33

Tgt Ion: 95 Resp: 6426

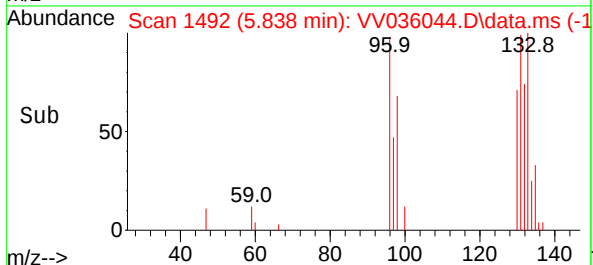
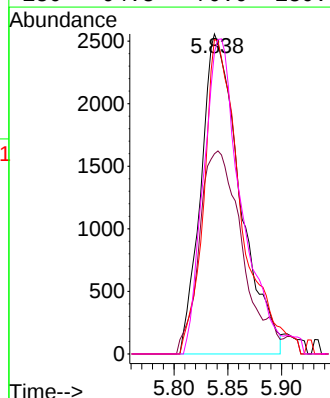
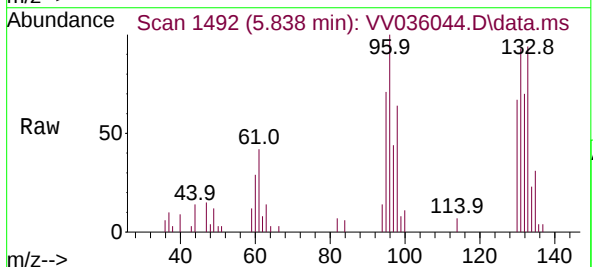
Ion Ratio Lower Upper

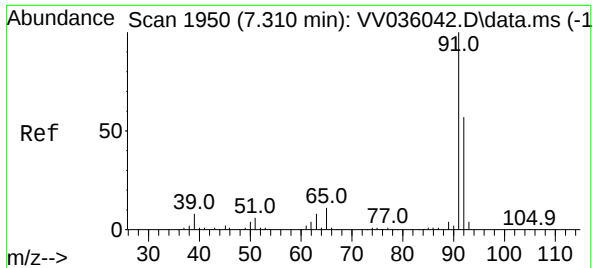
95 100

97 62.5 44.8 83.2

132 98.2 66.8 124.2

130 94.3 70.0 130.0





#42
Toluene
Concen: 0.764 ug/L
RT: 7.326 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV036044.D
Acq: 12 Jun 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 17805
Ion Ratio Lower Upper
91 100
92 54.8 40.6 75.4

