

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
 Data File : VV036032.D
 Acq On : 11 Jun 2024 13:51
 Operator : SY/MD
 Sample : P2798-02
 Misc : 5.35g/10.1mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 02:07:01 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)

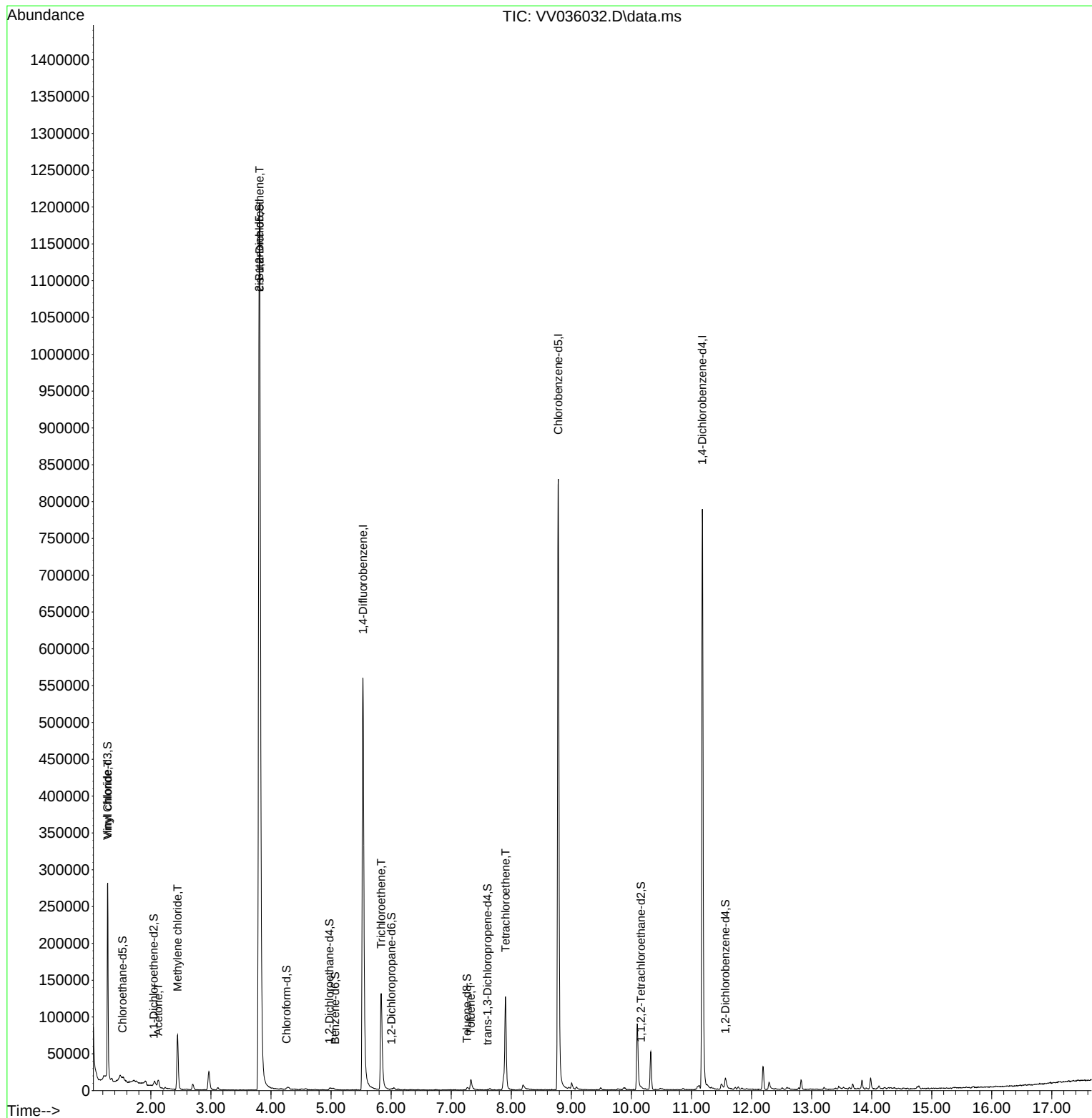
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	492996	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	469755	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	213624	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	2282	0.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	1.000%#
7) Chloroethane-d5	1.529	69	724	0.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.400%#
11) 1,1-Dichloroethene-d2	2.047	65	259	0.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.240%#
21) 2-Butanone-d5	3.805	46	98	0.047	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.100%#
24) Chloroform-d	4.256	84	829	0.053	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.200%#
26) 1,2-Dichloroethane-d4	4.973	65	327	0.040	ug/L	0.04
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.160%#
32) Benzene-d6	5.066	84	78	0.003	ug/L	0.11
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.000%#
36) 1,2-Dichloropropane-d6	6.005	67	413	0.047	ug/L	0.02
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.200%#
41) Toluene-d8	7.265	98	1711	0.069	ug/L	0.03
Spiked Amount	25.000	Range	30 - 130	Recovery	=	0.280%#
43) trans-1,3-Dichloroprop...	7.606	79	224	0.062	ug/L	0.05
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.240%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	1215	0.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.720%#
66) 1,2-Dichlorobenzene-d4	11.564	152	3820	0.488	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	1.960%#
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	169478	15.780	ug/L	98
13) Acetone	2.124	43	8832	2.726	ug/L #	47
16) Methylene chloride	2.442	84	31980	2.867	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	685060	81.297	ug/L	99
34) Trichloroethene	5.834	95	51424	5.461	ug/L	98
42) Toluene	7.326	91	13167	0.419	ug/L	95
46) Tetrachloroethene	7.905	164	29738	4.318	ug/L	99

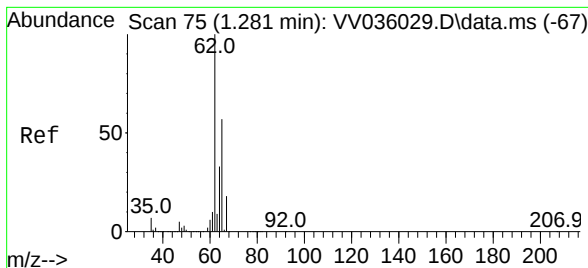
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036032.D
Acq On : 11 Jun 2024 13:51
Operator : SY/MD
Sample : P2798-02
Misc : 5.35g/10.1mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 12 02:07:01 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





#5

Vinyl chloride

Concen: 15.780 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036032.D

Acq: 11 Jun 2024 13:51

Instrument :

MSVOA_V

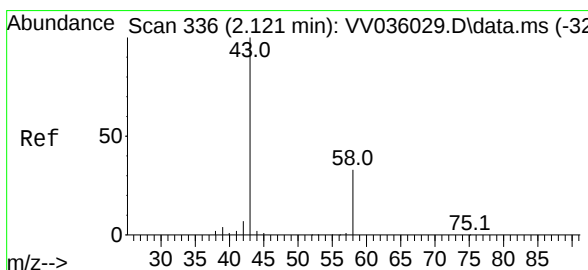
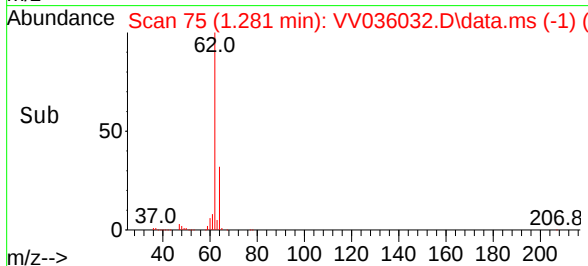
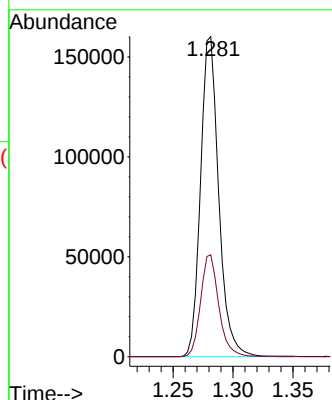
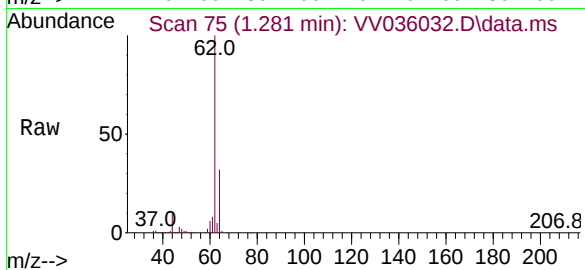
ClientSampleId :

Tgt Ion: 62 Resp: 169478

Ion Ratio Lower Upper

62 100

64 31.8 22.9 42.5



#13

Acetone

Concen: 2.726 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.003 min

Lab File: VV036032.D

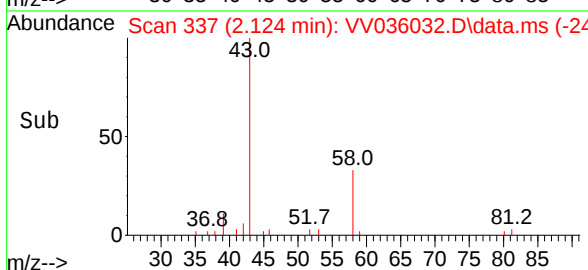
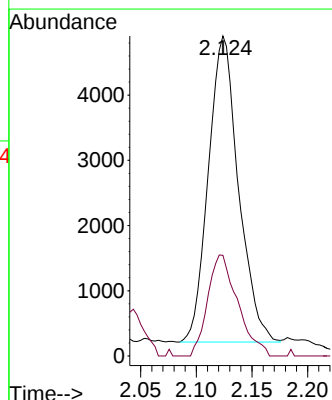
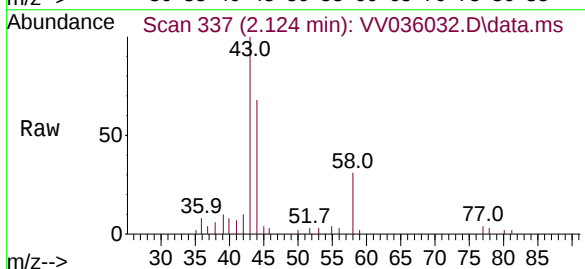
Acq: 11 Jun 2024 13:51

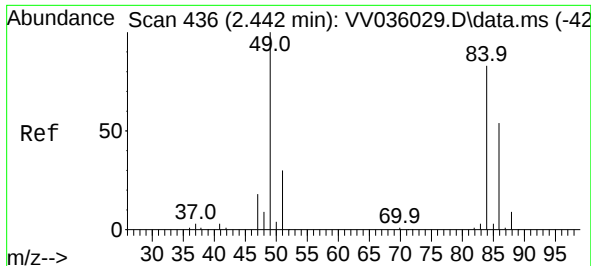
Tgt Ion: 43 Resp: 8832

Ion Ratio Lower Upper

43 100

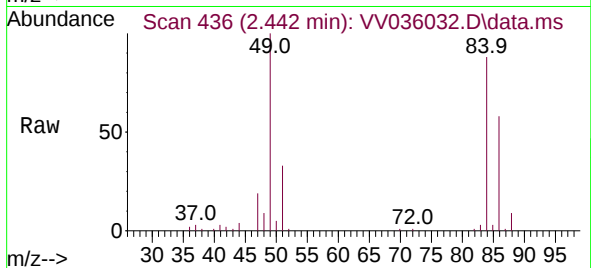
58 32.9 0.0 24.2#



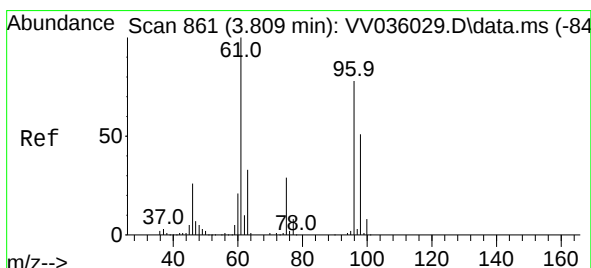
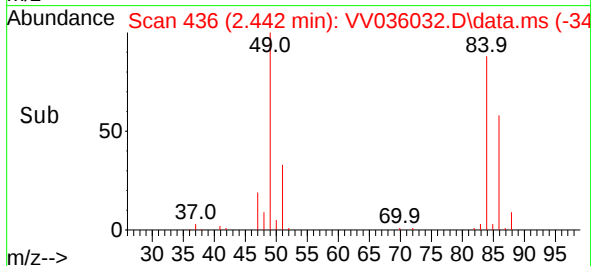
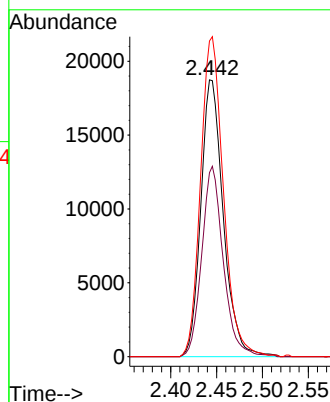


#16
Methylene chloride
Concen: 2.867 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036032.D
Acq: 11 Jun 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

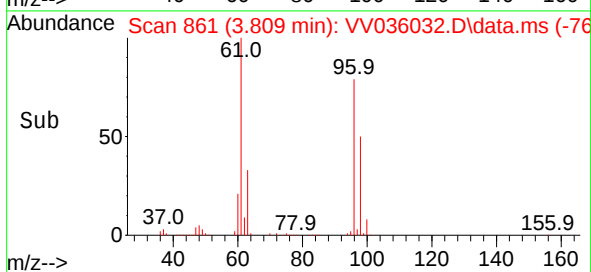
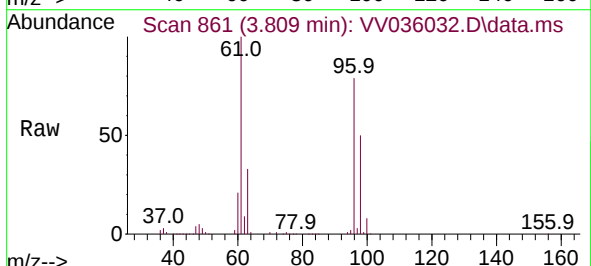
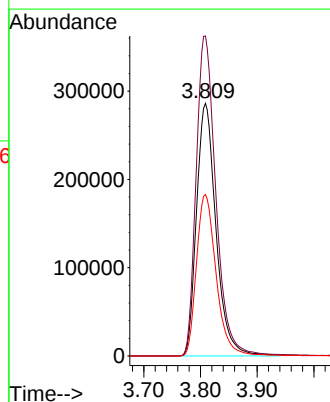


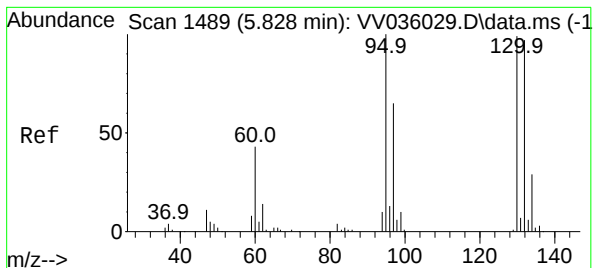
Tgt Ion: 84 Resp: 31980
Ion Ratio Lower Upper
84 100
86 66.5 44.6 82.8
49 114.1 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 81.297 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036032.D
Acq: 11 Jun 2024 13:51

Tgt Ion: 96 Resp: 685060
Ion Ratio Lower Upper
96 100
61 126.7 87.9 163.3
98 63.9 44.4 82.5





#34

Trichloroethene

Concen: 5.461 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV036032.D

Acq: 11 Jun 2024 13:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 51424

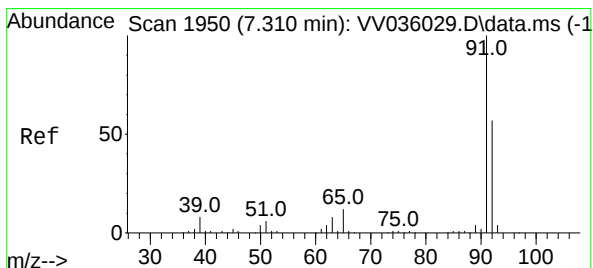
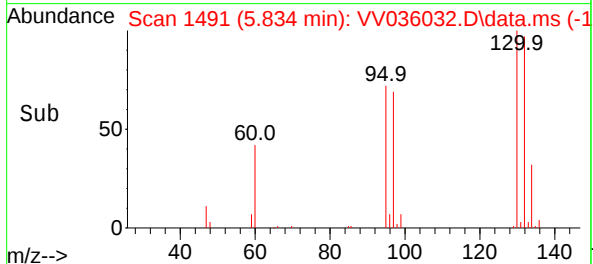
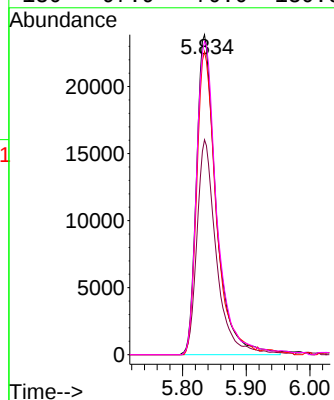
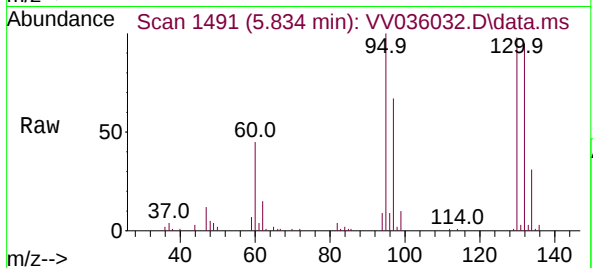
Ion Ratio Lower Upper

95 100

97 67.1 44.8 83.2

132 94.7 66.8 124.2

130 97.9 70.0 130.0



#42

Toluene

Concen: 0.419 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VV036032.D

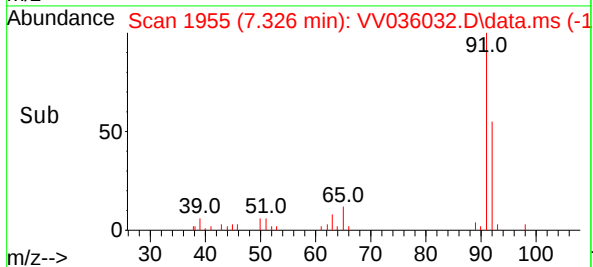
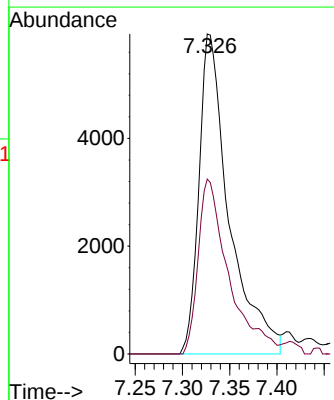
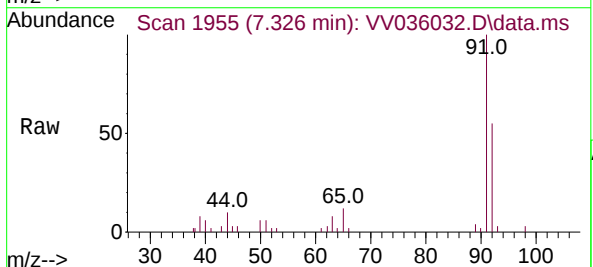
Acq: 11 Jun 2024 13:51

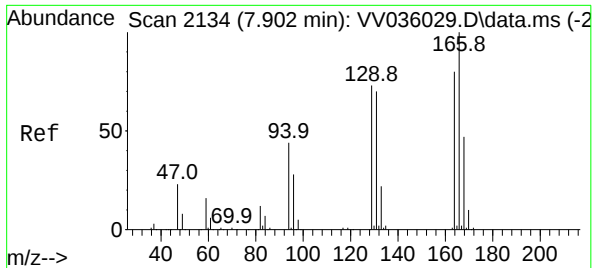
Tgt Ion: 91 Resp: 13167

Ion Ratio Lower Upper

91 100

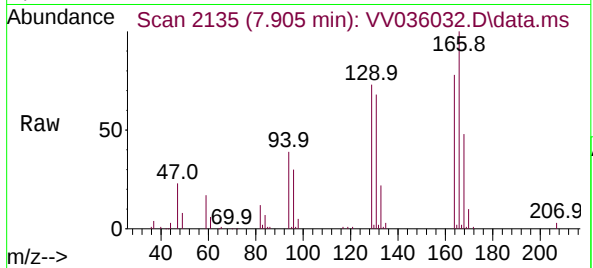
92 54.6 40.6 75.4





#46
 Tetrachloroethene
 Concen: 4.318 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV036032.D
 Acq: 11 Jun 2024 13:51

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:164	Resp:	29738
Ion	Ratio	Lower Upper
164	100	
129	93.4	64.6 120.0
131	87.9	63.2 117.4
166	128.6	89.5 166.3

