

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036644.D
 Acq On : 23 Jul 2024 14:21
 Operator : SY/MD
 Sample : P3328-06
 Misc : 8.91g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 01:00:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

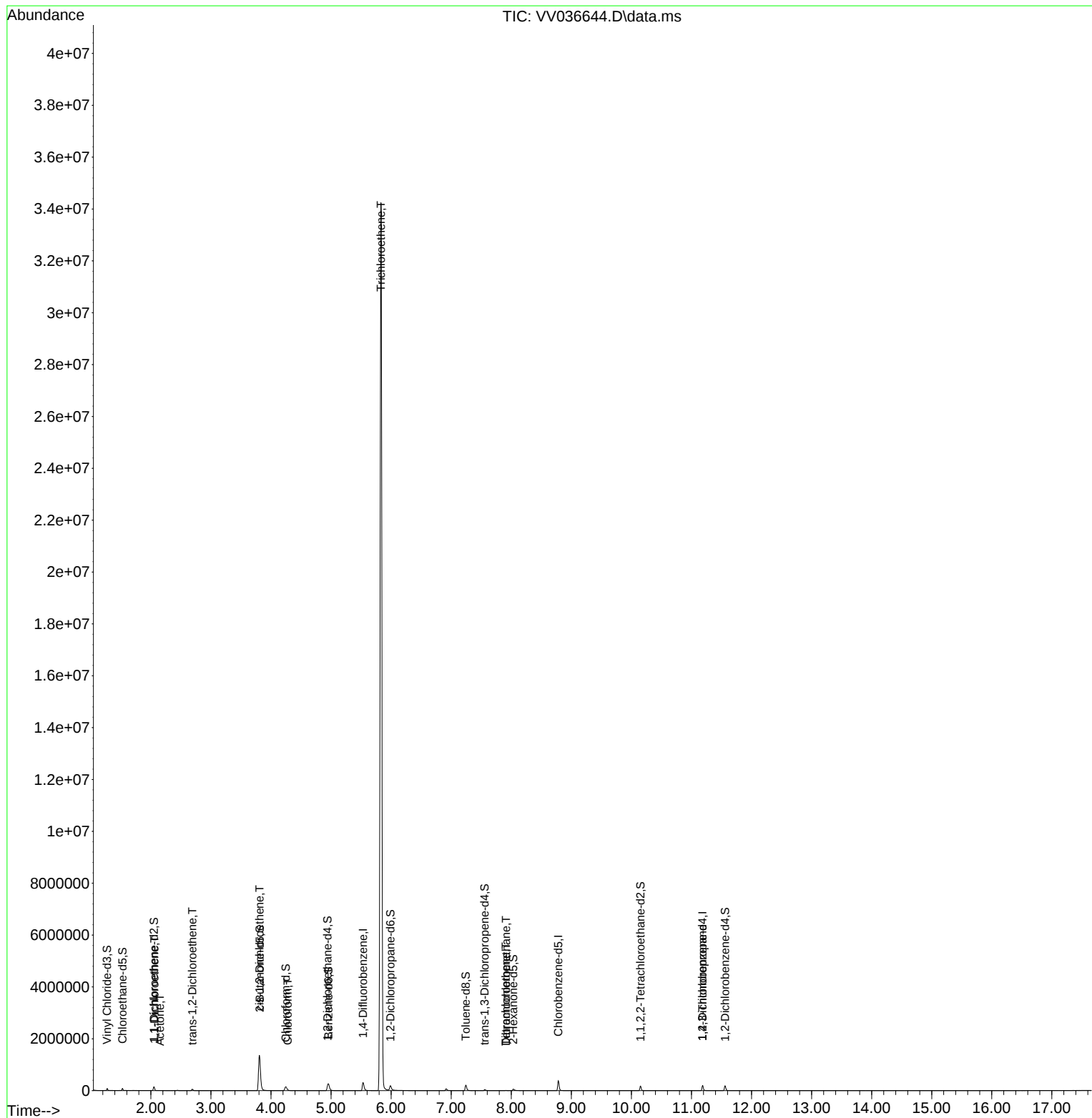
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	302237	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	241814	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	58705	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	46373	14.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.040%
7) Chloroethane-d5	1.526	69	51246	17.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.560%
11) 1,1-Dichloroethene-d2	2.050	65	22498	12.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.400%
21) 2-Butanone-d5	3.812	46	38804	50.229	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.460%
24) Chloroform-d	4.246	84	167544	20.960	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.840%
26) 1,2-Dichloroethane-d4	4.940	65	88801	22.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.080%
32) Benzene-d6	4.956	84	234217	20.437	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.760%
36) 1,2-Dichloropropane-d6	5.989	67	84918	26.004	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.000%
41) Toluene-d8	7.243	98	160389	14.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.640%
43) trans-1,3-Dichloroprop...	7.558	79	27658	19.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.200%
47) 2-Hexanone-d5	8.034	63	21684	49.896	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.800%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	82872	29.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.480%
66) 1,2-Dichlorobenzene-d4	11.561	152	57373	27.996	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.059	96	4887	1.048	ug/L #	1
13) Acetone	2.150	43	3195	2.546	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	22639	4.808	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	818908	166.524	ug/L	99
25) Chloroform	4.278	83	4535	0.509	ug/L	92
34) Trichloroethene	5.831	95	12061513	2683.889	ug/L	98
46) Tetrachloroethene	7.908	164	2343	0.525	ug/L	95
49) Dibromochloromethane	7.911	129	1995	0.514	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	5369	5.188	ug/L #	55

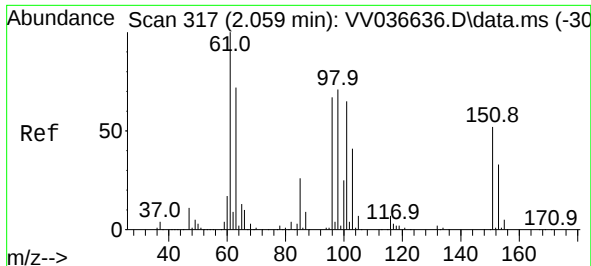
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 00:57:38 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.048 ug/L

RT: 2.059 min Scan# 317

Delta R.T. 0.000 min

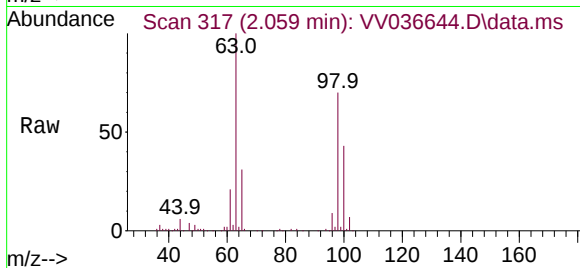
Lab File: VV036644.D

Acq: 23 Jul 2024 14:21

Instrument :

MSVOA_V

ClientSampleId :



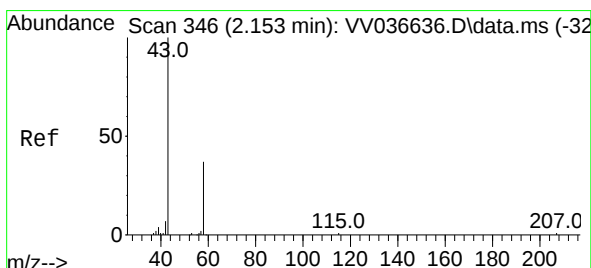
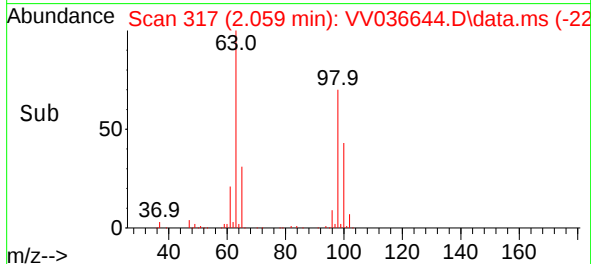
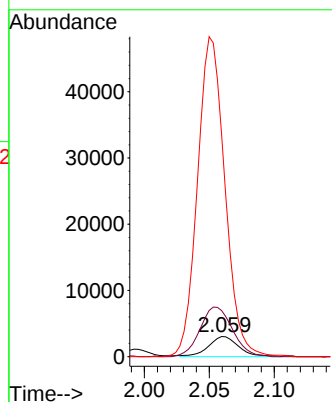
Tgt Ion: 96 Resp: 4887

Ion Ratio Lower Upper

96 100

61 229.3 102.3 189.9#

63 1102.8 64.1 119.1#



#13

Acetone

Concen: 2.546 ug/L

RT: 2.150 min Scan# 345

Delta R.T. -0.003 min

Lab File: VV036644.D

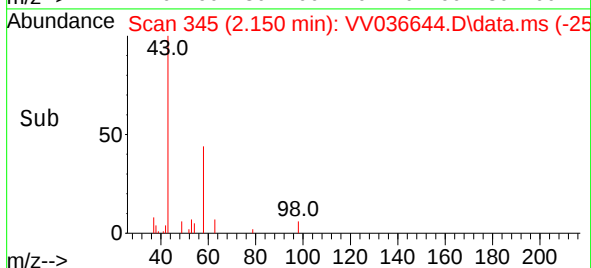
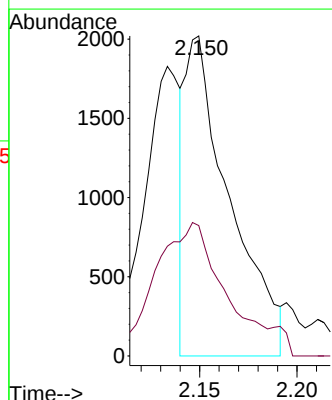
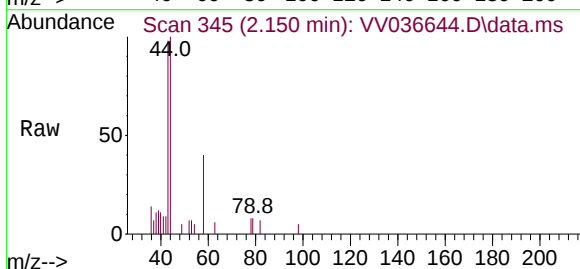
Acq: 23 Jul 2024 14:21

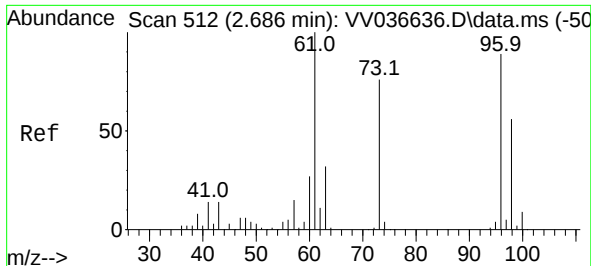
Tgt Ion: 43 Resp: 3195

Ion Ratio Lower Upper

43 100

58 51.5 0.0 23.0#

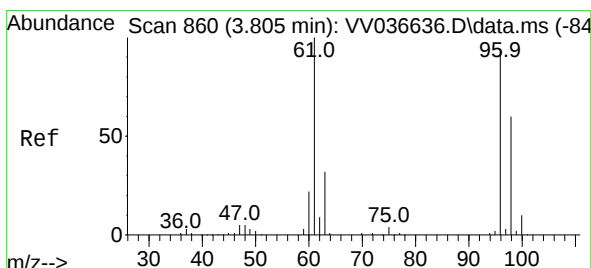
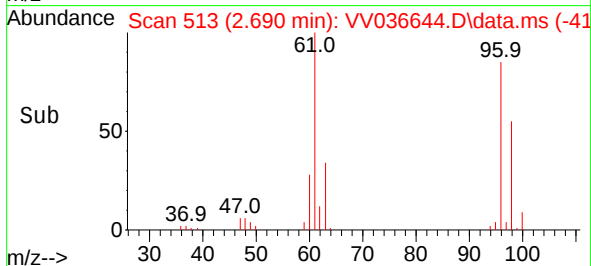
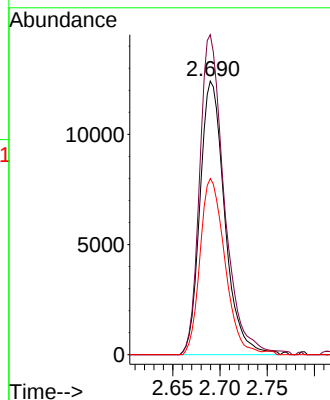
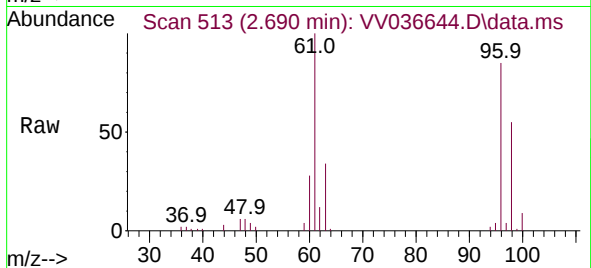




#17
trans-1,2-Dichloroethene
Concen: 4.808 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036644.D
Acq: 23 Jul 2024 14:21

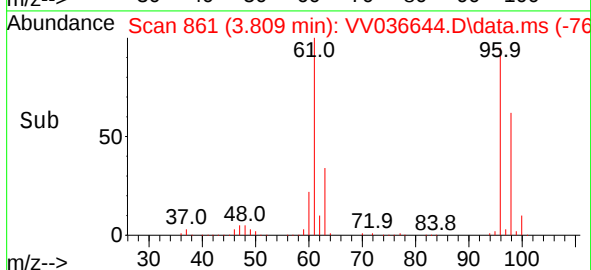
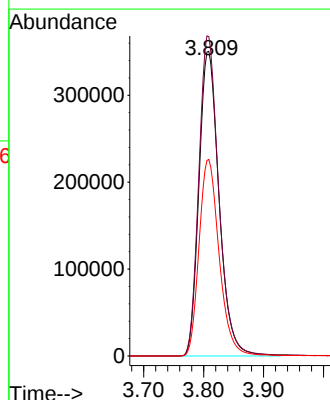
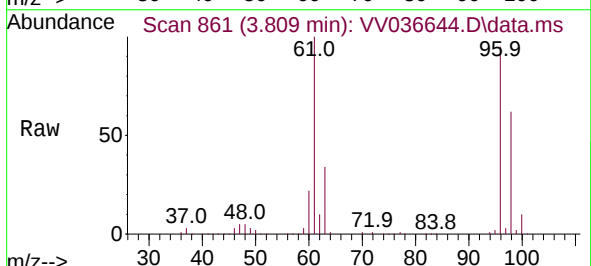
Instrument :
MSVOA_V
ClientSampleId :

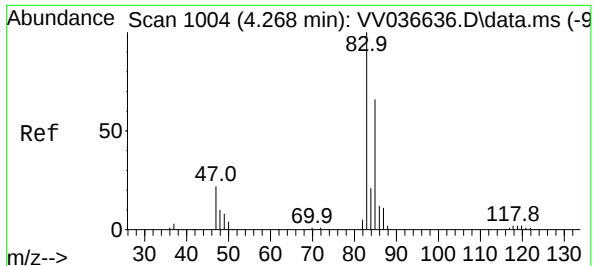
Tgt Ion: 96 Resp: 22639
Ion Ratio Lower Upper
96 100
61 117.0 81.5 151.5
98 64.4 44.3 82.3



#20
cis-1,2-Dichloroethene
Concen: 166.524 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036644.D
Acq: 23 Jul 2024 14:21

Tgt Ion: 96 Resp: 818908
Ion Ratio Lower Upper
96 100
61 104.8 73.0 135.6
98 64.5 44.8 83.2





#25

Chloroform

Concen: 0.509 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV036644.D

Acq: 23 Jul 2024 14:21

Instrument :

MSVOA_V

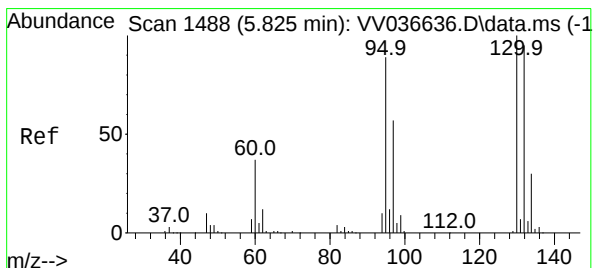
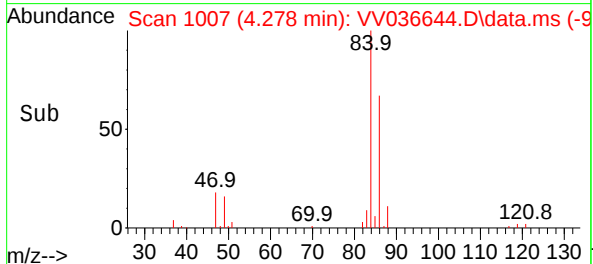
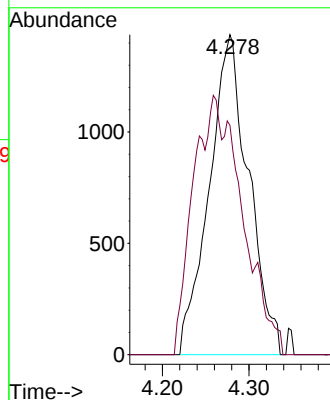
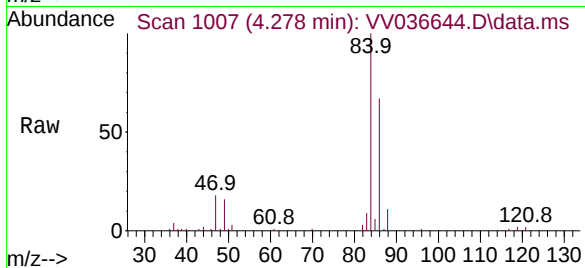
ClientSampleId :

Tgt Ion: 83 Resp: 4535

Ion Ratio Lower Upper

83 100

85 71.7 45.6 84.6



#34

Trichloroethene

Concen: 2683.889 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VV036644.D

Acq: 23 Jul 2024 14:21

Tgt Ion: 95 Resp:12061513

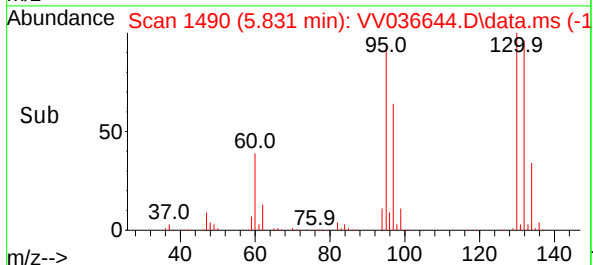
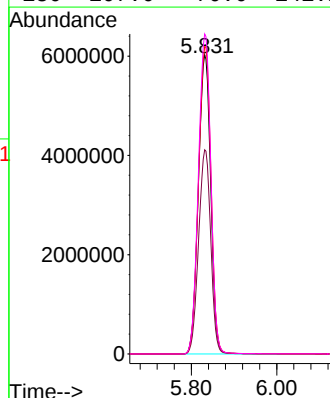
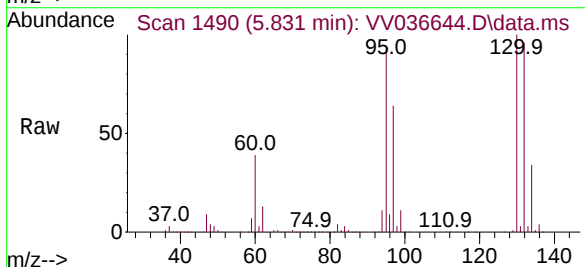
Ion Ratio Lower Upper

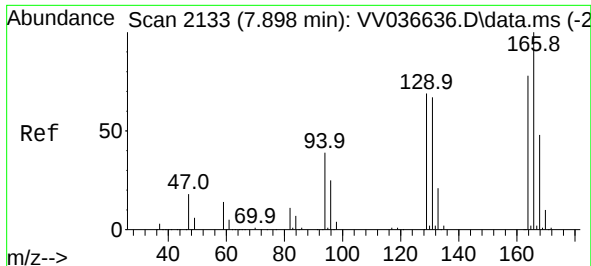
95 100

97 68.2 45.1 83.7

132 102.8 72.7 134.9

130 107.0 76.0 141.2





#46

Tetrachloroethene

Concen: 0.525 ug/L

RT: 7.908 min Scan# 2137

Delta R.T. 0.010 min

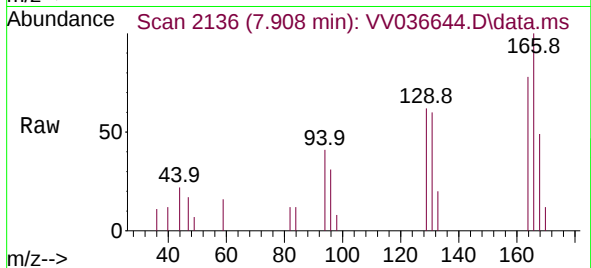
Lab File: VV036644.D

Acq: 23 Jul 2024 14:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2343

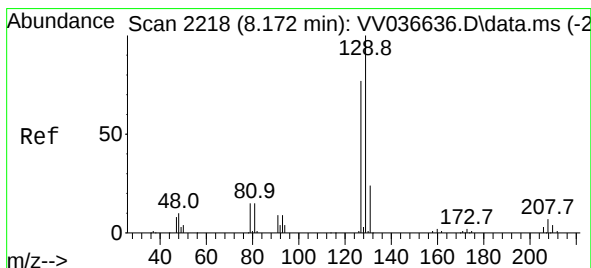
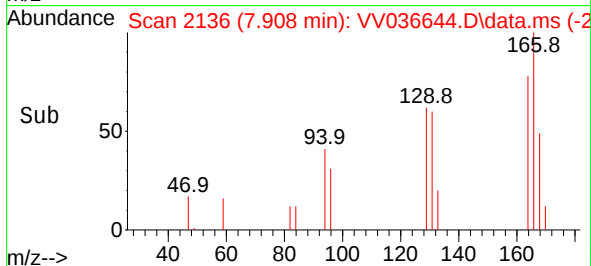
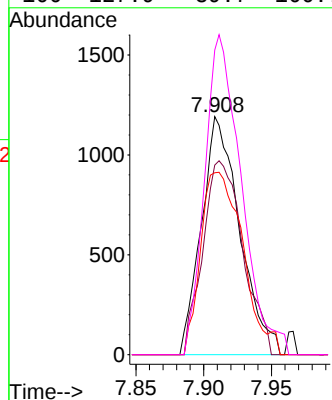
Ion Ratio Lower Upper

164 100

129 79.6 61.0 113.2

131 76.4 60.1 111.5

166 127.9 89.7 166.7



#49

Dibromochloromethane

Concen: 0.514 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.260 min

Lab File: VV036644.D

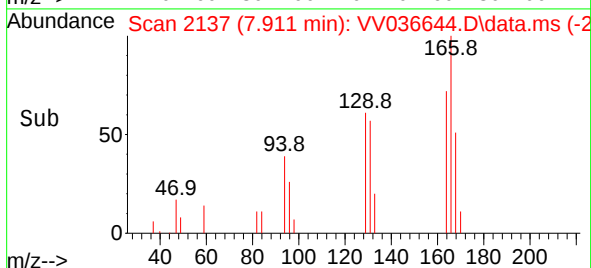
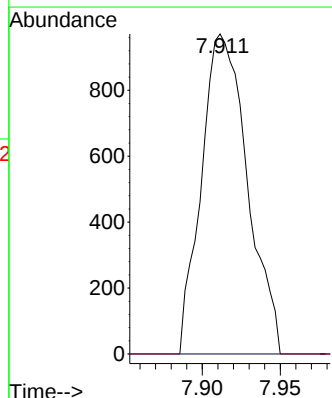
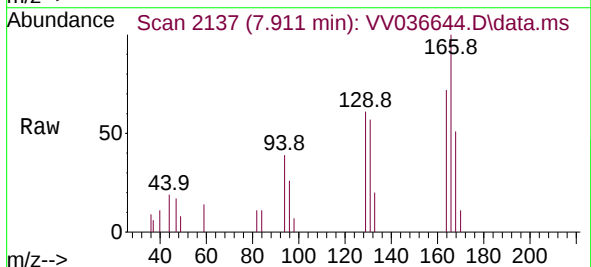
Acq: 23 Jul 2024 14:21

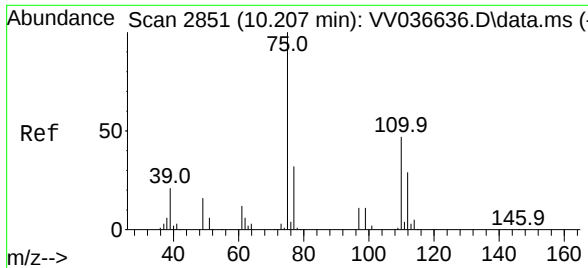
Tgt Ion:129 Resp: 1995

Ion Ratio Lower Upper

129 100

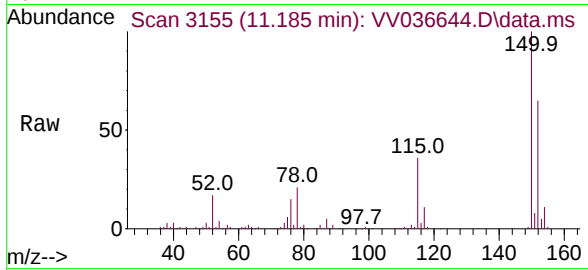
127 0.0 54.3 100.9#





#61
 1,2,3-Trichloropropane
 Concen: 5.188 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV036644.D
 Acq: 23 Jul 2024 14:21

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	5369
Ion Ratio	Lower	Upper
75	100	
77	40.6	25.9 38.9#
110	1.2	36.2 54.4#

