

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036643.D
 Acq On : 23 Jul 2024 13:59
 Operator : SY/MD
 Sample : P3328-05
 Misc : 8.30g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 01:00:07 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)

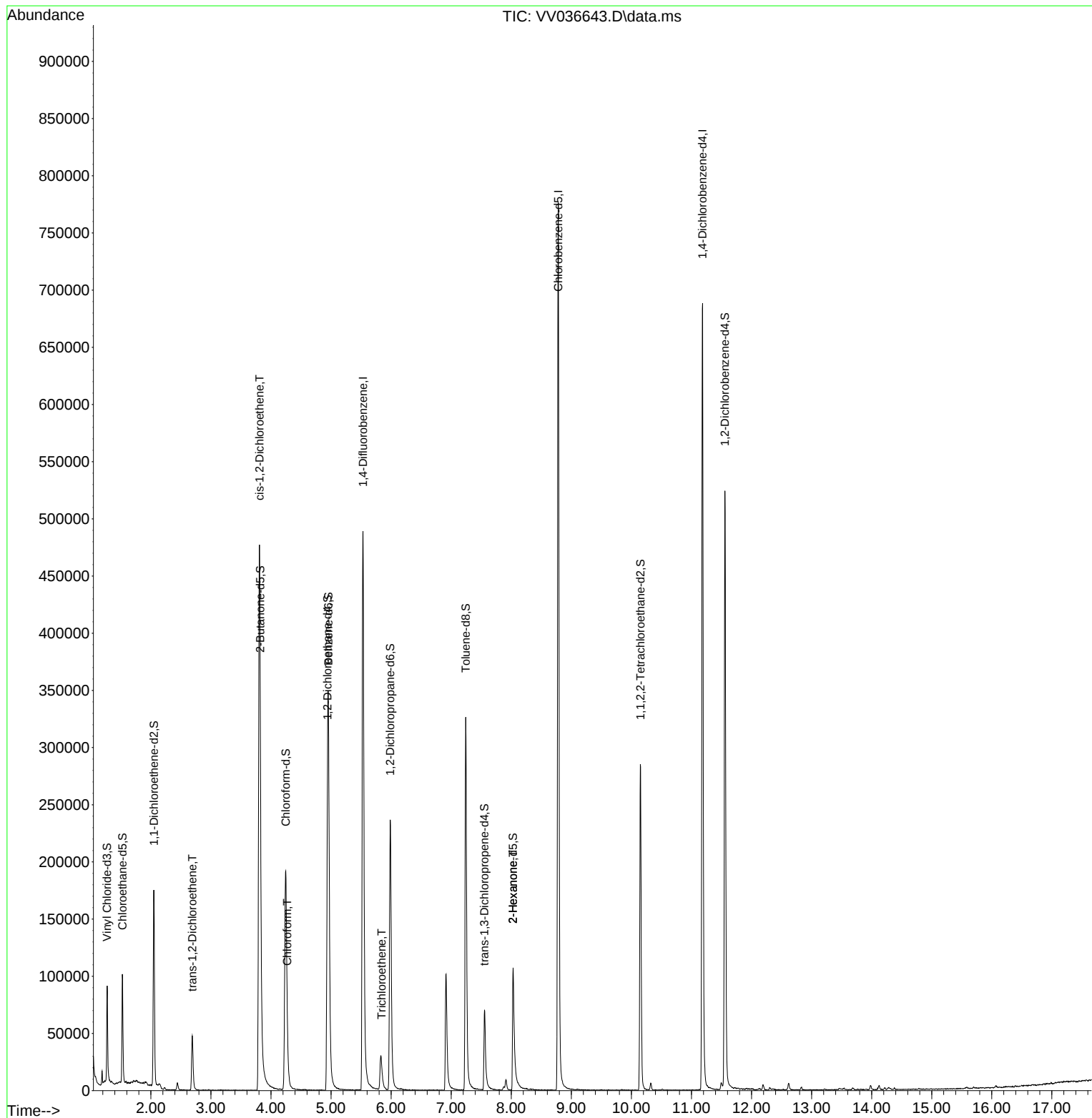
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	463274	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	475361	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	200791	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	53571	10.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.240%
7) Chloroethane-d5	1.526	69	63054	13.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.040%
11) 1,1-Dichloroethene-d2	2.050	65	27689	10.321	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.280%#
21) 2-Butanone-d5	3.822	46	55838	47.154	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.300%
24) Chloroform-d	4.246	84	216070	17.635	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.520%
26) 1,2-Dichloroethane-d4	4.940	65	121015	20.020	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	4.957	84	303709	13.481	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	53.920%
36) 1,2-Dichloropropane-d6	5.985	67	111927	17.436	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.760%#
41) Toluene-d8	7.243	98	235270	10.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	43.760%
43) trans-1,3-Dichloroprop...	7.555	79	46991	16.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.880%
47) 2-Hexanone-d5	8.030	63	39281	45.980	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.960%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132472	23.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	149419	21.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.280%
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.690	96	20881	2.893	ug/L	96
20) cis-1,2-Dichloroethene	3.809	96	284845	37.789	ug/L	99
25) Chloroform	4.272	83	7794	0.570	ug/L	82
34) Trichloroethene	5.841	95	3673	0.416	ug/L	96
48) 2-Hexanone	8.030	43	4991	2.194	ug/L #	68

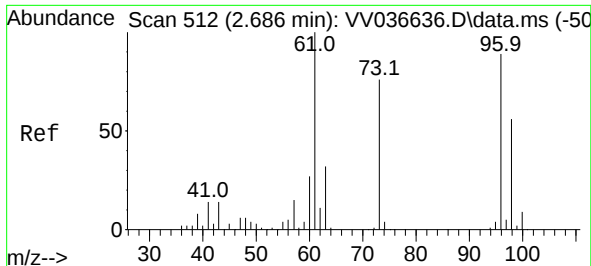
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 00:57:38 2024
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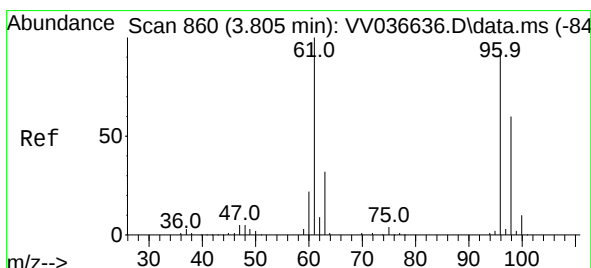
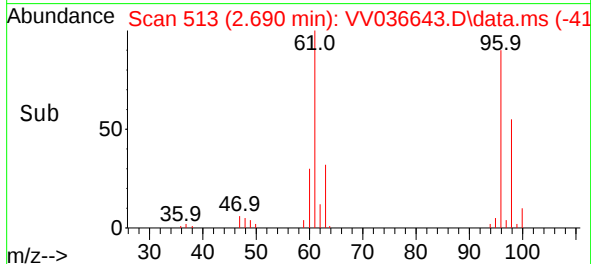
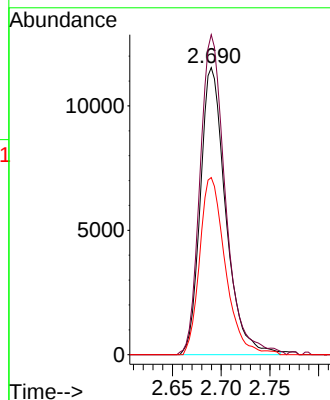
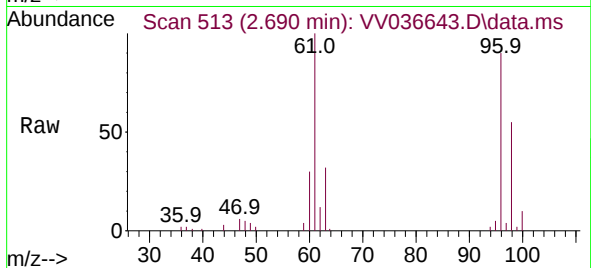




#17
trans-1,2-Dichloroethene
Concen: 2.893 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036643.D
Acq: 23 Jul 2024 13:59

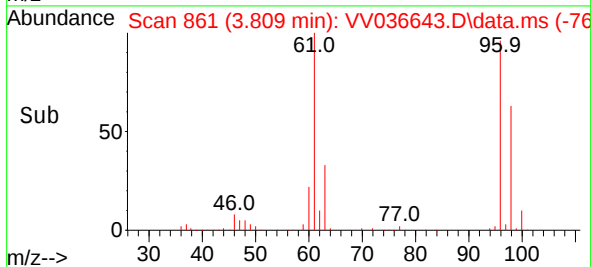
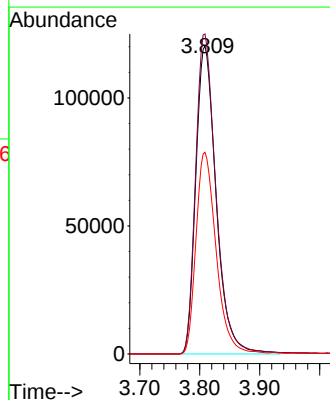
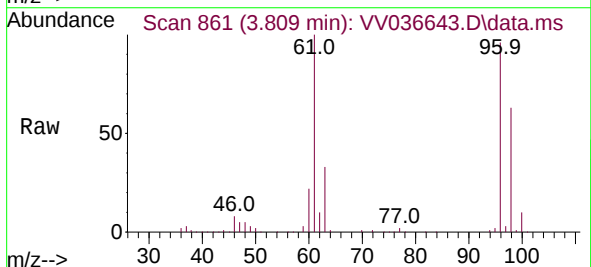
Instrument :
MSVOA_V
ClientSampleId :

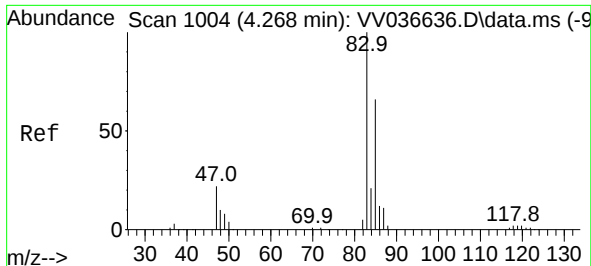
Tgt Ion: 96 Resp: 20881
Ion Ratio Lower Upper
96 100
61 111.5 81.5 151.5
98 61.7 44.3 82.3



#20
cis-1,2-Dichloroethene
Concen: 37.789 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036643.D
Acq: 23 Jul 2024 13:59

Tgt Ion: 96 Resp: 284845
Ion Ratio Lower Upper
96 100
61 104.0 73.0 135.6
98 65.5 44.8 83.2





#25

Chloroform

Concen: 0.570 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036643.D

Acq: 23 Jul 2024 13:59

Instrument :

MSVOA_V

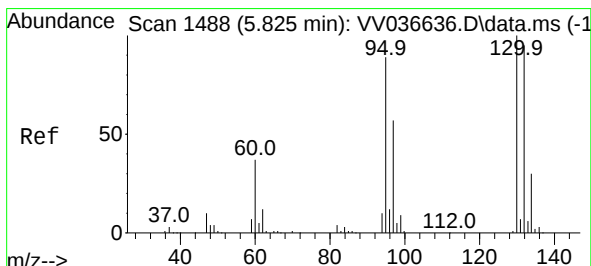
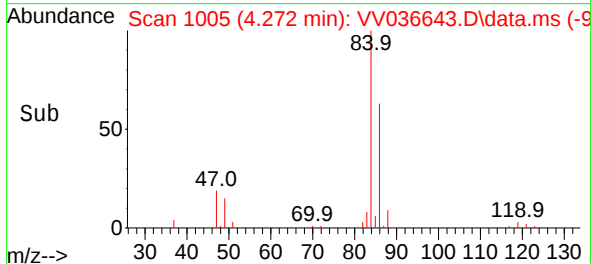
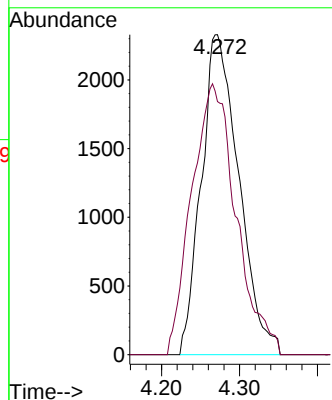
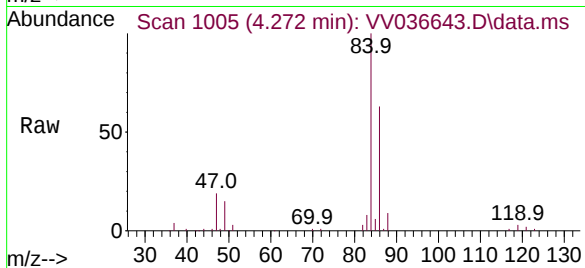
ClientSampleId :

Tgt Ion: 83 Resp: 7794

Ion Ratio Lower Upper

83 100

85 79.1 45.6 84.6



#34

Trichloroethene

Concen: 0.416 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.016 min

Lab File: VV036643.D

Acq: 23 Jul 2024 13:59

Tgt Ion: 95 Resp: 3673

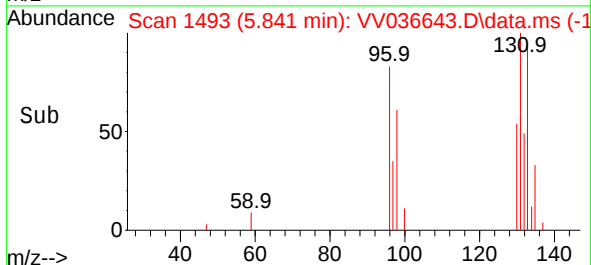
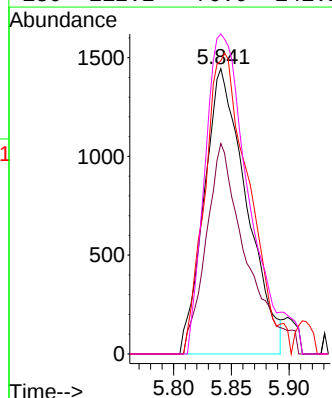
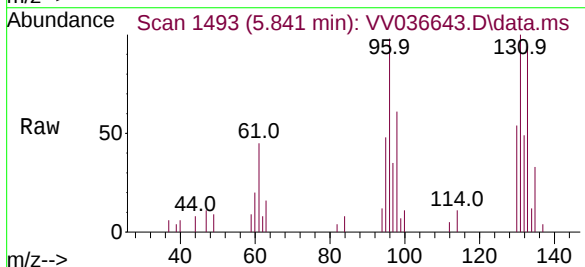
Ion Ratio Lower Upper

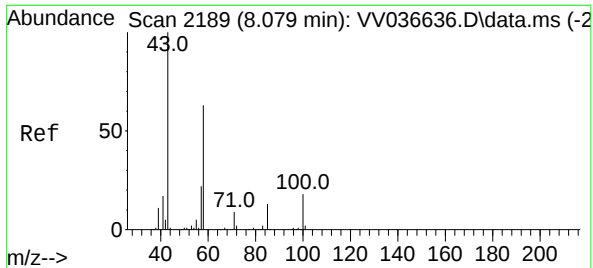
95 100

97 73.8 45.1 83.7

132 102.8 72.7 134.9

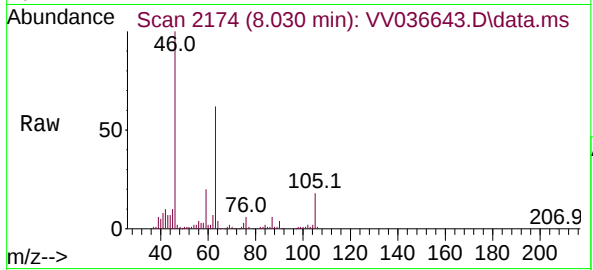
130 112.2 76.0 141.2





#48
 2-Hexanone
 Concen: 2.194 ug/L
 RT: 8.030 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV036643.D
 Acq: 23 Jul 2024 13:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	43	Resp:	4991
Ion	Ratio	Lower	Upper
43	100		
58	40.7	50.6	75.8#
57	44.1	17.7	26.5#
100	6.8	13.9	20.9#

