

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037588.D
 Acq On : 27 Sep 2024 06:32
 Operator : SY/MD
 Sample : P4185-16
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY064

Quant Time: Sep 27 07:06:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

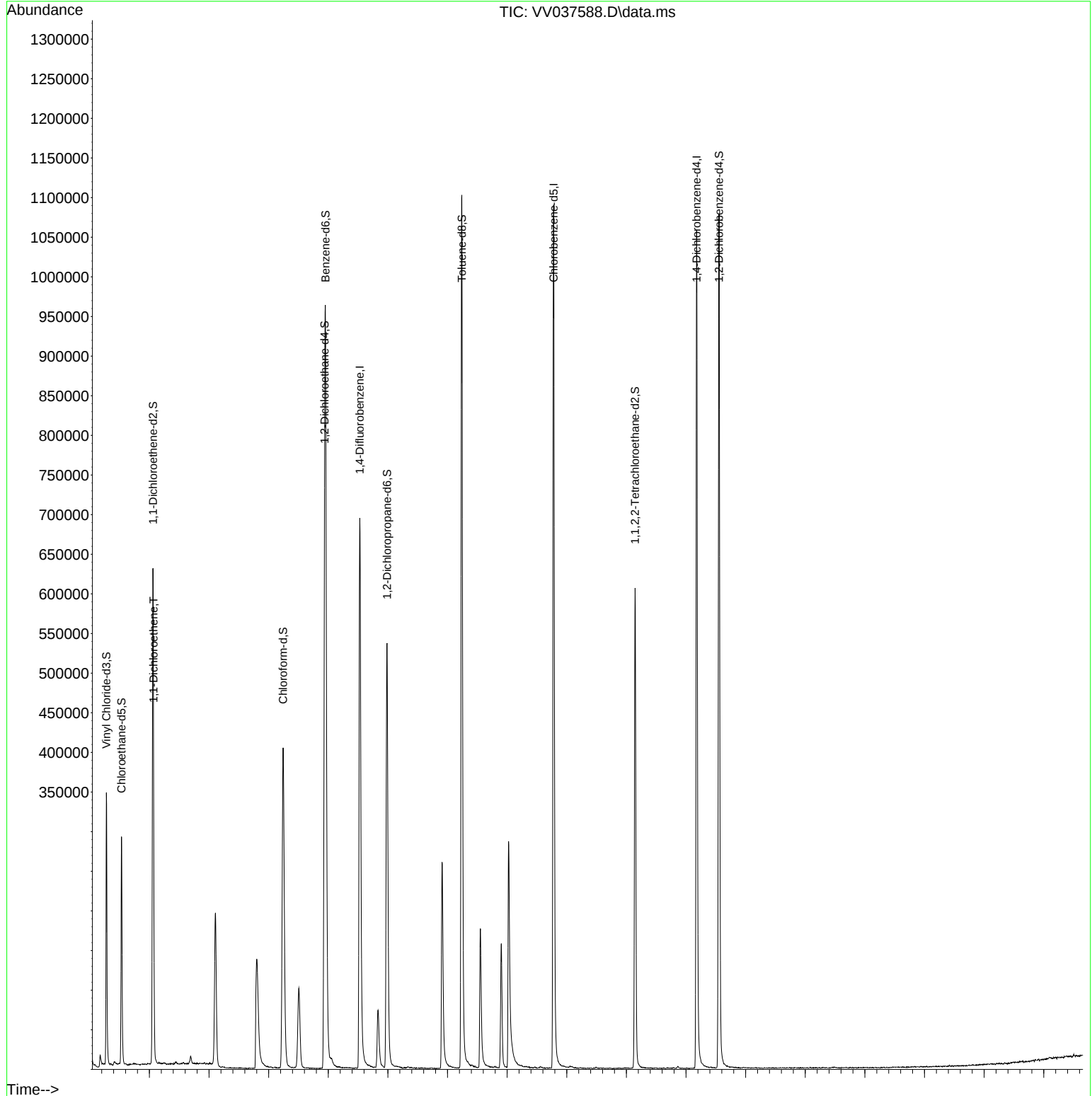
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	622114	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	605125	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	278639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	226281	41.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.860%
7) Chloroethane-d5	1.532	69	186506	43.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.060	65	98533	43.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.380%
21) 2-Butanone-d5	3.796	46	166293	85.490	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.490%
24) Chloroform-d	4.243	84	434488	44.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.440%
26) 1,2-Dichloroethane-d4	4.937	65	261368	45.958	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
32) Benzene-d6	4.953	84	860278	45.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
36) 1,2-Dichloropropane-d6	5.985	67	274675	45.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.100%
41) Toluene-d8	7.239	98	752973	43.853	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.700%
43) trans-1,3-Dichloroprop...	7.551	79	110792	39.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.100%
47) 2-Hexanone-d5	8.024	63	100582	78.998	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.000%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	301864	43.086	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.180%
66) 1,2-Dichlorobenzene-d4	11.554	152	283040	48.206	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.420%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.069	96	20524	4.955	ug/L	# 1
19) 1,1-Dichloroethane	3.108	63	189020	22.516	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	33745	6.882	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	85961	11.534	ug/L	98
34) Trichloroethene	5.838	95	27106	5.577	ug/L	98
46) Tetrachloroethene	7.899	164	35328	9.507	ug/L	95

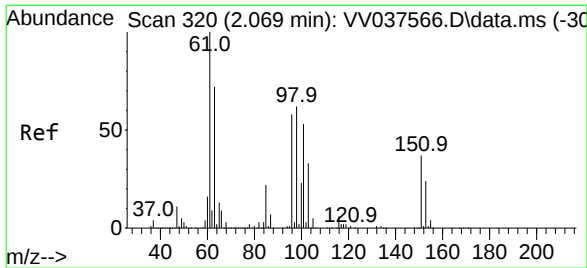
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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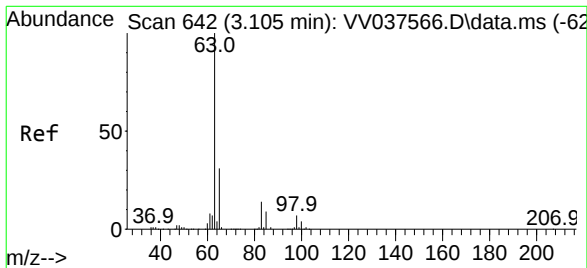
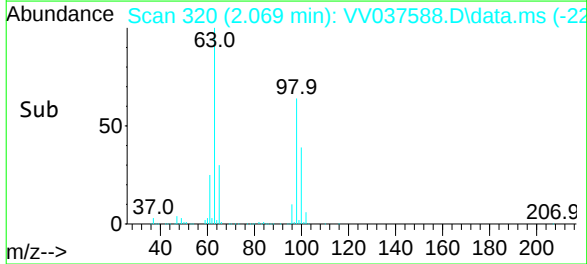
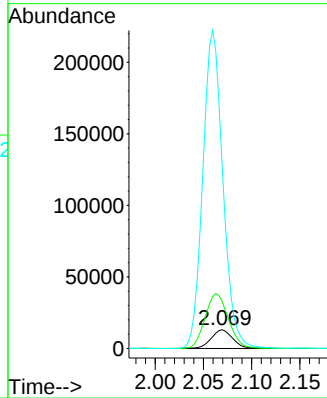
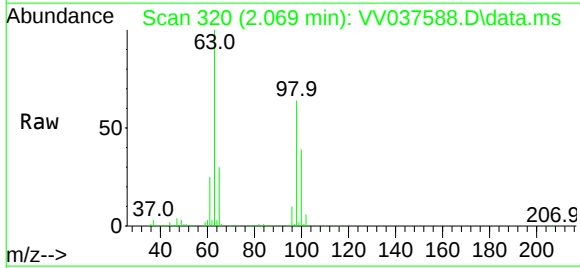




#12
1,1-Dichloroethene
Concen: 4.955 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037588.D
Acq: 27 Sep 2024 06:32

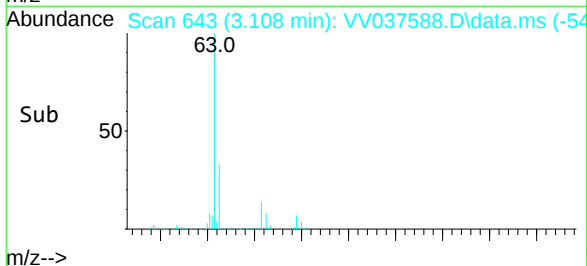
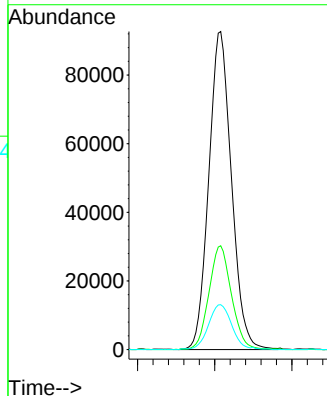
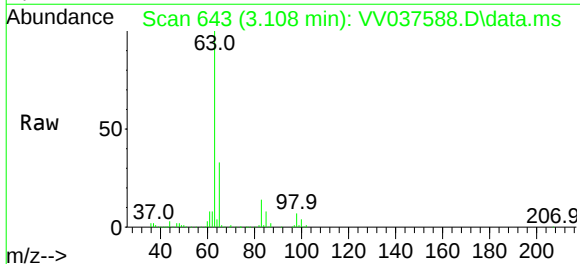
Instrument :
MSVOA_V
ClientSampleId :
EY064

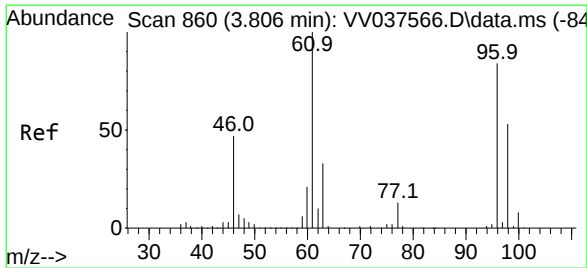
Tgt Ion: 96 Resp: 20524
Ion Ratio Lower Upper
96 100
61 252.4 122.6 227.6#
63 994.3 118.0 219.2#



#19
1,1-Dichloroethane
Concen: 22.516 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV037588.D
Acq: 27 Sep 2024 06:32

Tgt Ion: 63 Resp: 189020
Ion Ratio Lower Upper
63 100
65 32.6 22.4 41.6
83 14.1 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 6.882 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV037588.D

Acq: 27 Sep 2024 06:32

Instrument :

MSVOA_V

ClientSampleId :

EY064

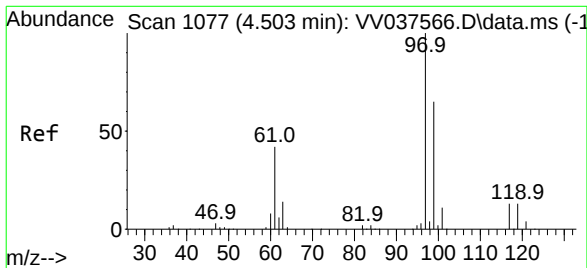
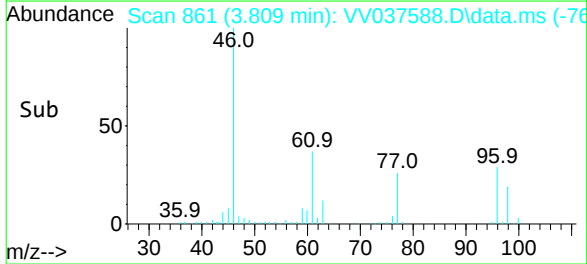
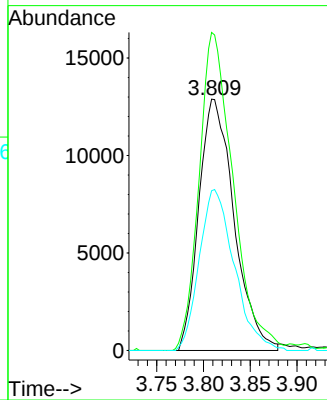
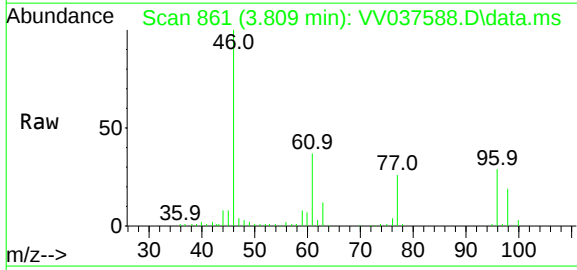
Tgt Ion: 96 Resp: 33745

Ion Ratio Lower Upper

96 100

61 126.5 85.0 157.8

98 63.6 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 11.534 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037588.D

Acq: 27 Sep 2024 06:32

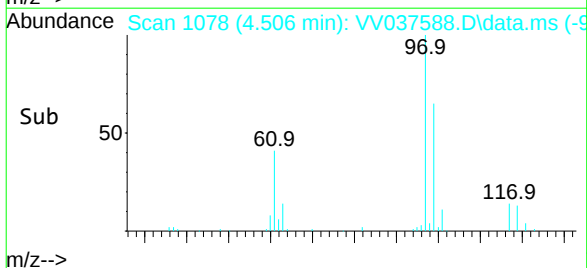
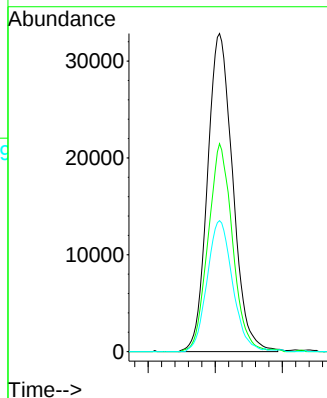
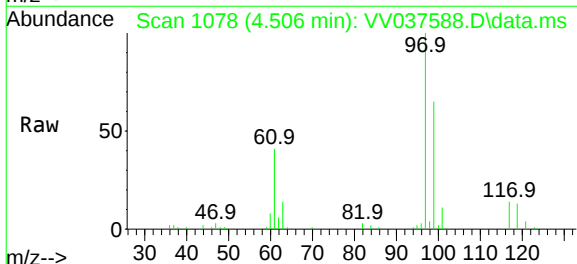
Tgt Ion: 97 Resp: 85961

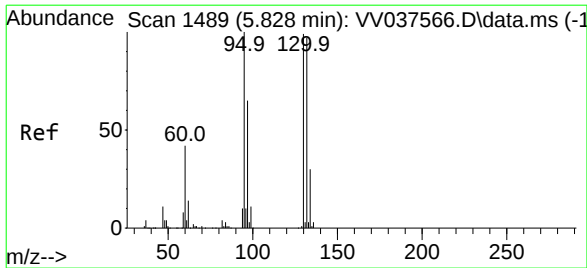
Ion Ratio Lower Upper

97 100

99 62.9 51.8 77.6

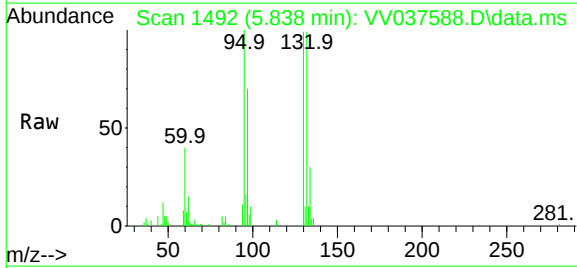
61 41.3 33.6 50.4



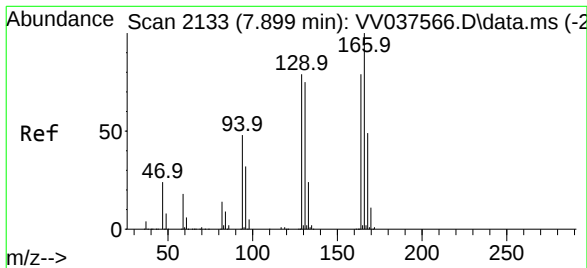
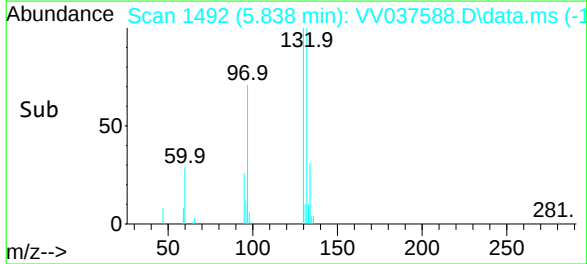
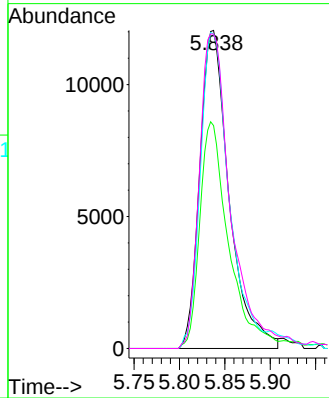


#34
Trichloroethene
Concen: 5.577 ug/L
RT: 5.838 min Scan# 1489
Delta R.T. 0.010 min
Lab File: VV037588.D
Acq: 27 Sep 2024 06:32

Instrument :
MSVOA_V
ClientSampleId :
EY064



Tgt Ion	95	Resp	27106
Ion	Ratio	Lower	Upper
95	100		
97	70.1	46.3	85.9
132	98.9	68.6	127.4
130	98.8	70.9	131.7



#46
Tetrachloroethene
Concen: 9.507 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037588.D
Acq: 27 Sep 2024 06:32

Tgt Ion	164	Resp	35328
Ion	Ratio	Lower	Upper
164	100		
129	97.6	68.2	126.6
131	86.9	66.1	122.8
166	123.3	91.1	169.1

