

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037674.D
 Acq On : 30 Sep 2024 22:25
 Operator : SY/MD
 Sample : P4185-21DL 20X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY074DL

Quant Time: Oct 01 07:47:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

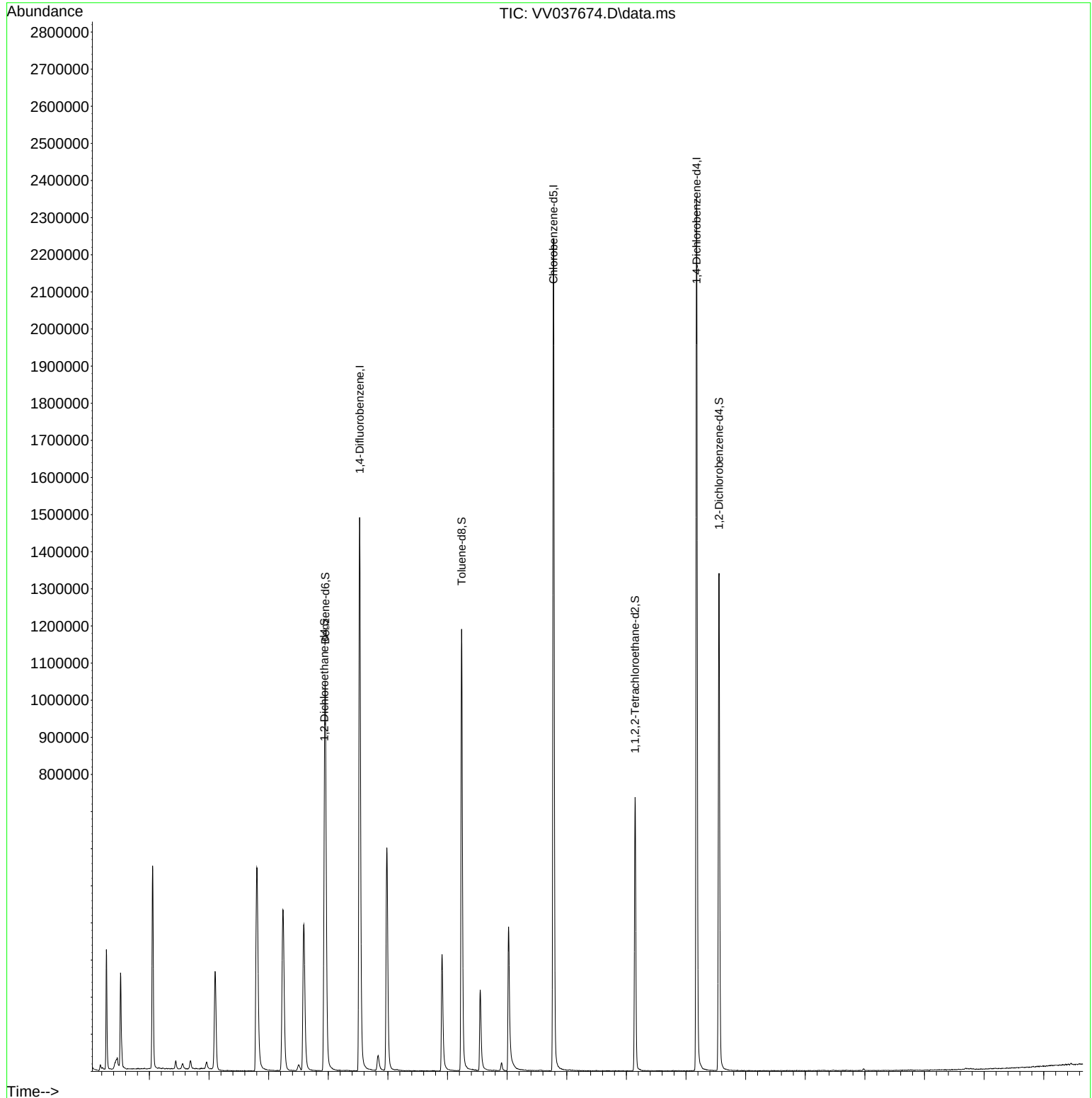
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	1311753	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	1224793	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	603685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	186989	16.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	32.480%#
7) Chloroethane-d5	1.516	69	172907	19.345	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.680%#
11) 1,1-Dichloroethene-d2	2.053	65	92700	19.269	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.540%#
21) 2-Butanone-d5	3.789	46	213928	52.159	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.160%
24) Chloroform-d	4.240	84	476880	23.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	46.560%#
26) 1,2-Dichloroethane-d4	4.934	65	300550	25.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	50.120%#
32) Benzene-d6	4.950	84	922348	24.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.140%#
36) 1,2-Dichloropropane-d6	5.982	67	308476	25.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	50.560%#
41) Toluene-d8	7.236	98	813316	23.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	46.800%#
43) trans-1,3-Dichloroprop...	7.548	79	135153	23.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.680%#
47) 2-Hexanone-d5	8.024	63	137526	53.366	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	53.370%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	365406	25.768	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	51.540%#
66) 1,2-Dichlorobenzene-d4	11.554	152	349259	27.456	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.920%#
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	40262	3.464	ug/L	90
8) Chloroethane	1.536	64	21226	2.963	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	8092	0.876	ug/L	94
19) 1,1-Dichloroethane	3.101	63	263772	14.902	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	259829	25.132	ug/L	98
34) Trichloroethene	5.834	95	14371	1.461	ug/L	97

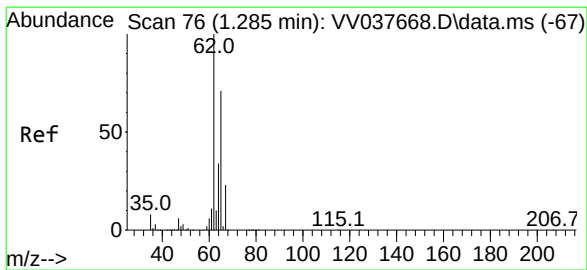
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 01 04:32:07 2024
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#5

Vinyl chloride

Concen: 3.464 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

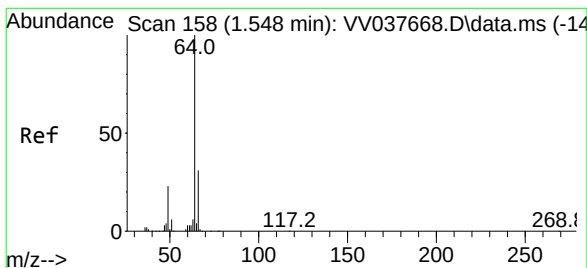
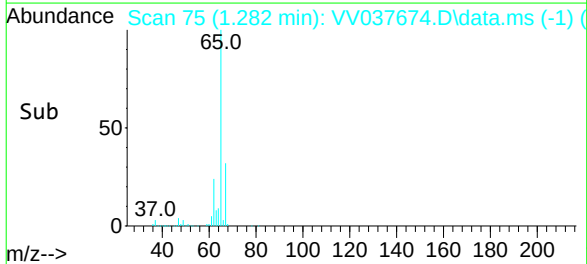
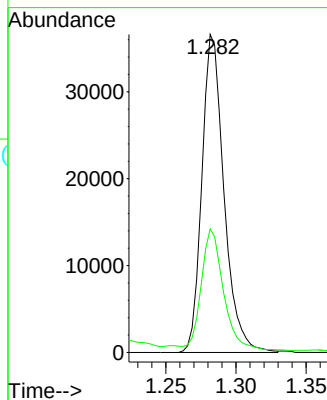
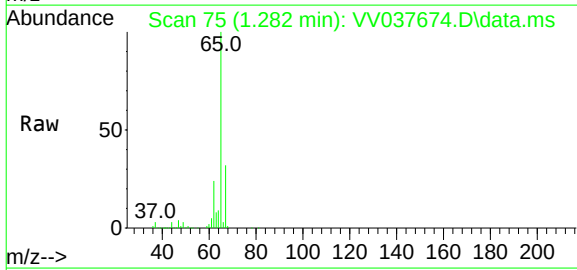
EY074DL

Tgt Ion: 62 Resp: 40262

Ion Ratio Lower Upper

62 100

64 38.9 23.2 43.0



#8

Chloroethane

Concen: 2.963 ug/L

RT: 1.536 min Scan# 154

Delta R.T. -0.013 min

Lab File: VV037674.D

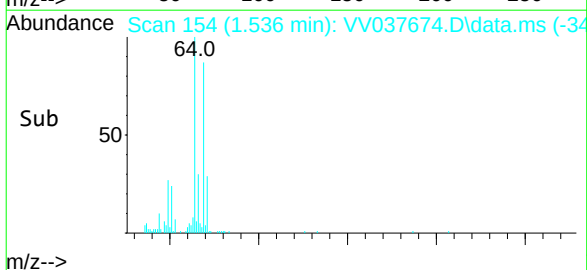
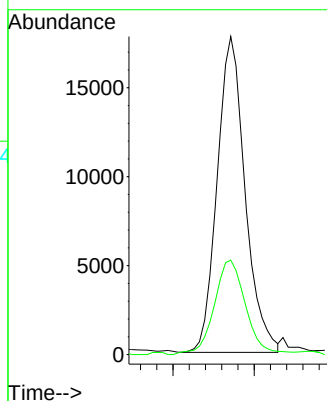
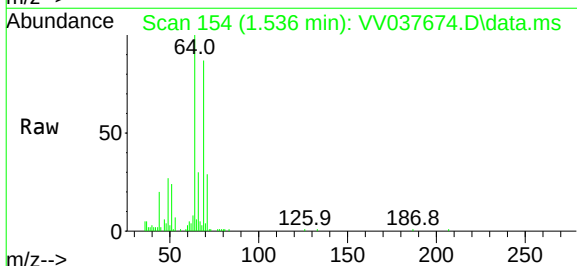
Acq: 30 Sep 2024 22:25

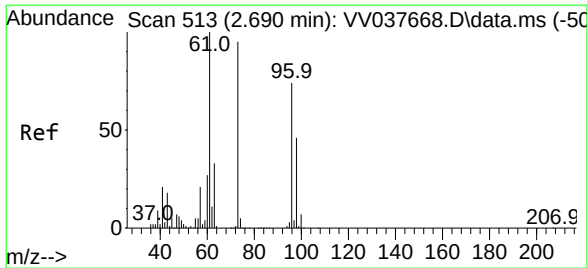
Tgt Ion: 64 Resp: 21226

Ion Ratio Lower Upper

64 100

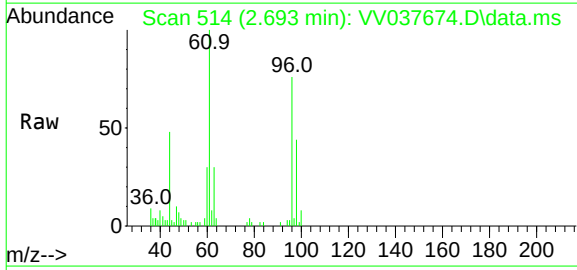
66 29.7 22.2 41.2



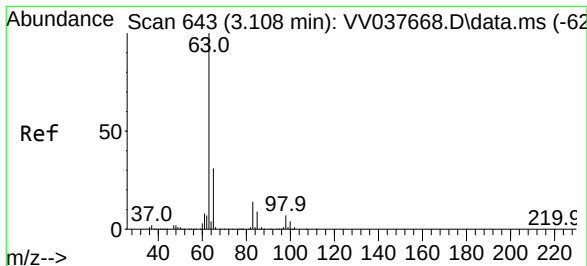
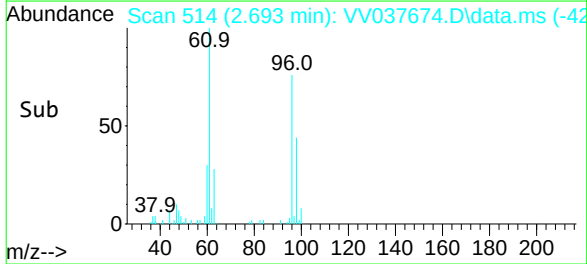
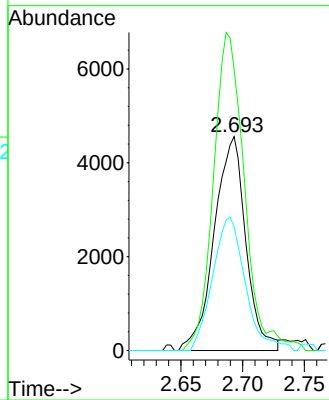


#17
trans-1,2-Dichloroethene
Concen: 0.876 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV037674.D
Acq: 30 Sep 2024 22:25

Instrument :
MSVOA_V
ClientSampleId :
EY074DL

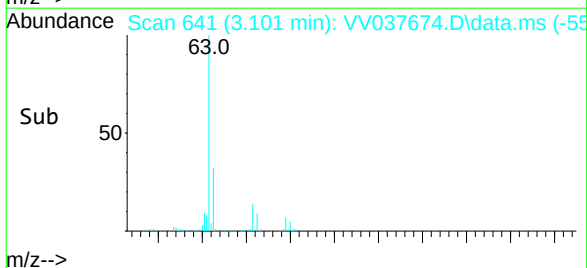
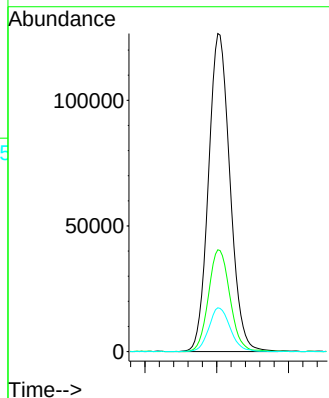
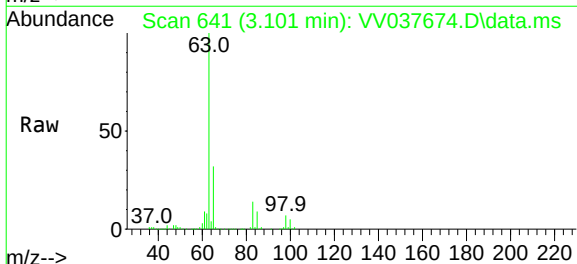


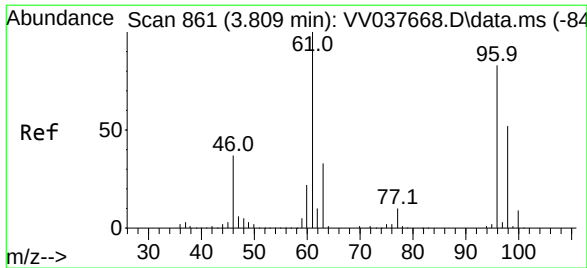
Tgt Ion: 96 Resp: 8092
Ion Ratio Lower Upper
96 100
61 131.4 97.3 180.7
98 57.7 43.9 81.5



#19
1,1-Dichloroethane
Concen: 14.902 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.006 min
Lab File: VV037674.D
Acq: 30 Sep 2024 22:25

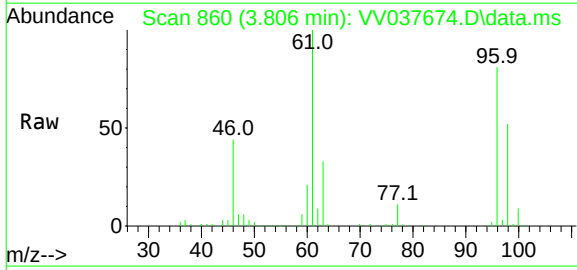
Tgt Ion: 63 Resp: 263772
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.8 9.5 17.7



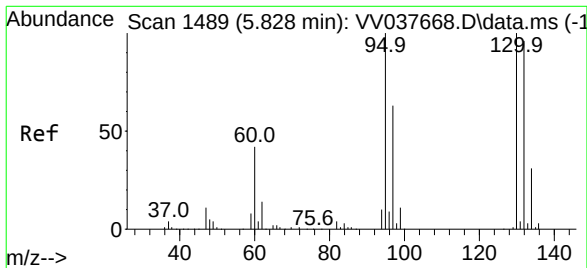
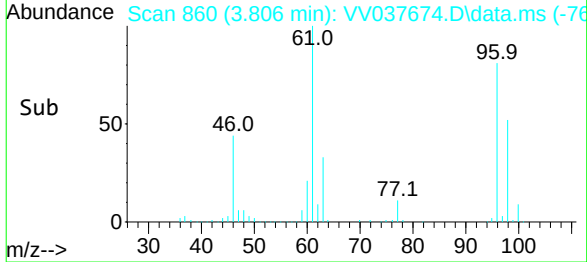
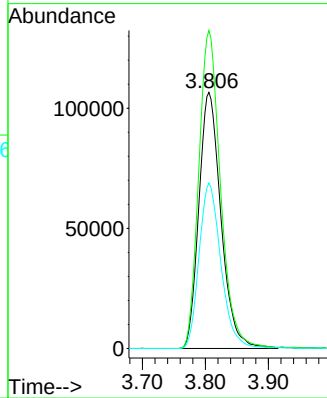


#20
cis-1,2-Dichloroethene
Concen: 25.132 ug/L
RT: 3.806 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV037674.D
Acq: 30 Sep 2024 22:25

Instrument :
MSVOA_V
ClientSampleId :
EY074DL



Tgt Ion: 96 Resp: 259829
Ion Ratio Lower Upper
96 100
61 124.2 85.0 157.8
98 64.6 44.2 82.0



#34
Trichloroethene
Concen: 1.461 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.007 min
Lab File: VV037674.D
Acq: 30 Sep 2024 22:25

Tgt Ion: 95 Resp: 14371
Ion Ratio Lower Upper
95 100
97 68.7 46.3 85.9
132 98.5 68.6 127.4
130 105.5 70.9 131.7

