

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072224\
 Data File : VW036631.D
 Acq On : 22 Jul 2024 16:50
 Operator : SY/MD
 Sample : P3276-02
 Misc : 9.29g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZS5

Quant Time: Jul 23 02:06:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 02:04:44 2024
 Response via : Initial Calibration

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

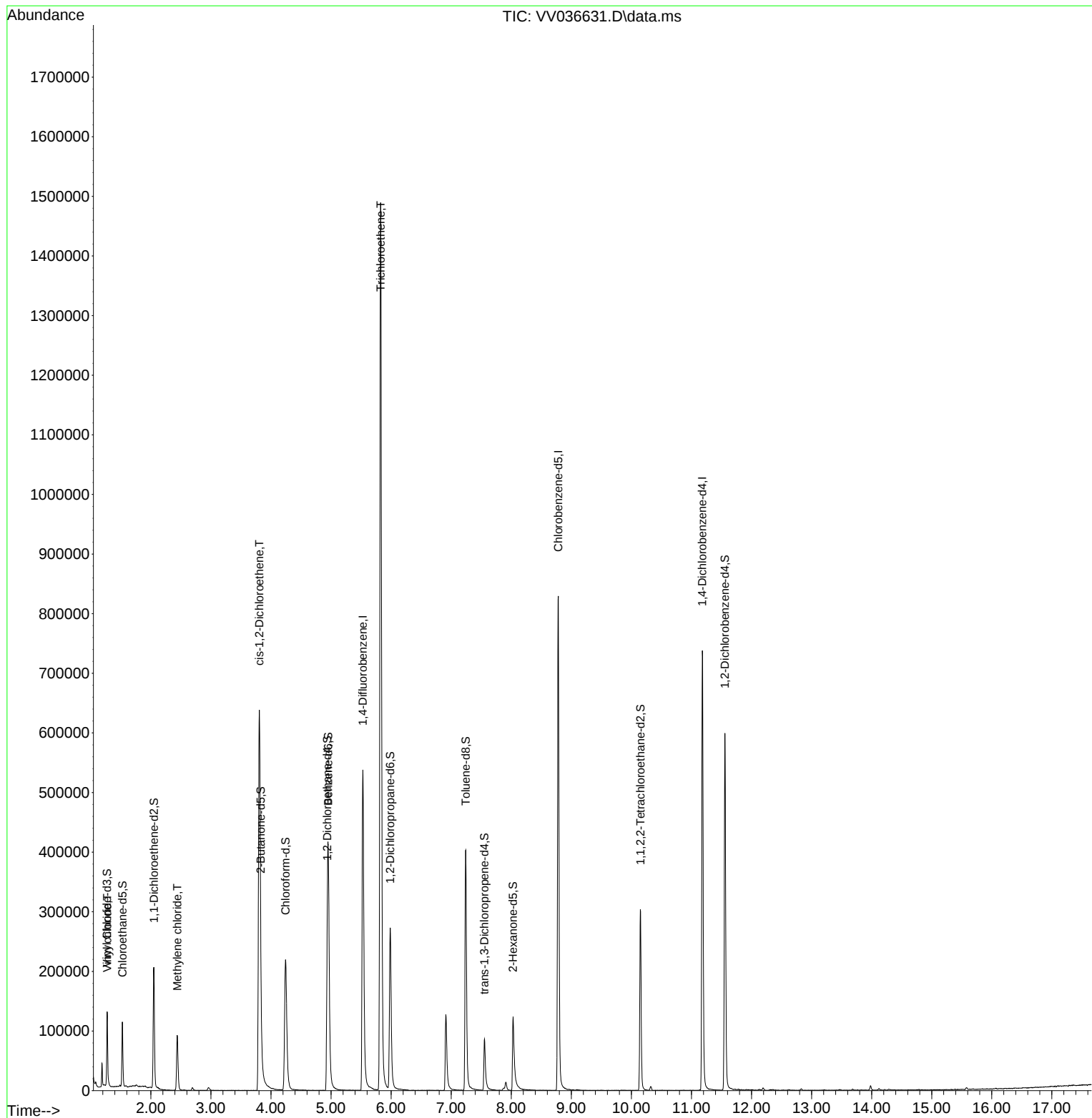
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	511556	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	504706	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	213992	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	63944	11.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.640%
7) Chloroethane-d5	1.526	69	71577	14.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.560%
11) 1,1-Dichloroethene-d2	2.050	65	32029	10.812	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.240%#
21) 2-Butanone-d5	3.828	46	64766	49.532	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.060%
24) Chloroform-d	4.243	84	247329	18.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.120%
26) 1,2-Dichloroethane-d4	4.937	65	141062	21.134	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.520%
32) Benzene-d6	4.953	84	363411	15.193	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	60.760%
36) 1,2-Dichloropropane-d6	5.986	67	132463	19.435	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.720%
41) Toluene-d8	7.243	98	294140	12.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.560%
43) trans-1,3-Dichloroprop...	7.555	79	56757	18.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.920%
47) 2-Hexanone-d5	8.030	63	46333	51.081	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	141335	23.792	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.160%
66) 1,2-Dichlorobenzene-d4	11.558	152	169499	22.690	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.760%
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	20642	2.501	ug/L	98
16) Methylene chloride	2.439	84	43646	4.586	ug/L	97
20) cis-1,2-Dichloroethene	3.806	96	385374	46.300	ug/L	100
34) Trichloroethene	5.825	95	518568	55.286	ug/L	97

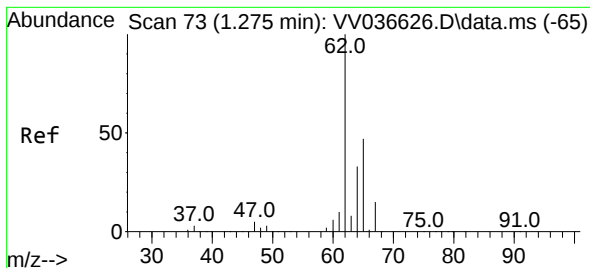
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
Data File : VV036631.D
Acq On : 22 Jul 2024 16:50
Operator : SY/MD
Sample : P3276-02
Misc : 9.29g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1ZS5

Quant Time: Jul 23 02:06:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 02:04:44 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.501 ug/L

RT: 1.275 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV036631.D

Acq: 22 Jul 2024 16:50

Instrument :

MSVOA_V

ClientSampleId :

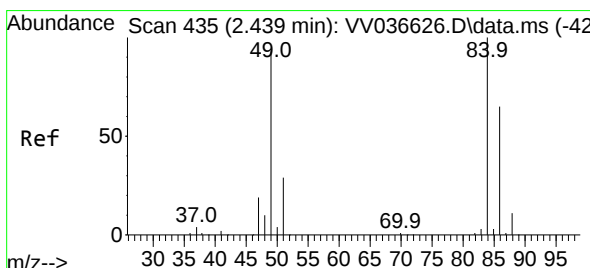
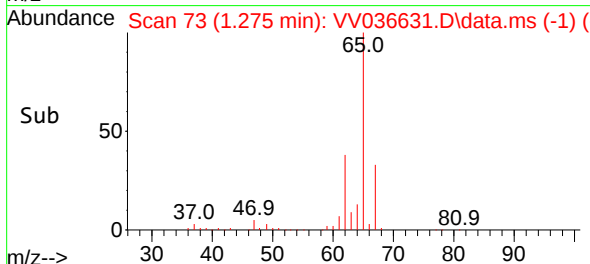
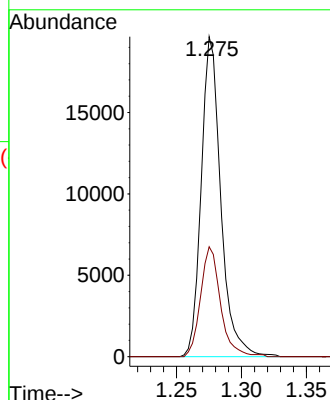
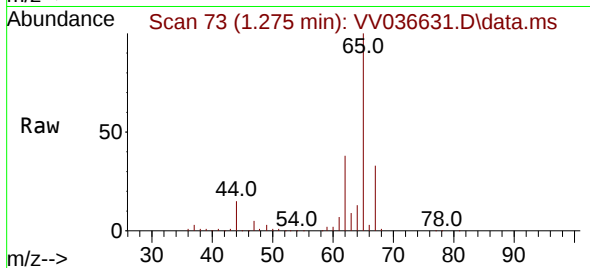
E1ZS5

Tgt Ion: 62 Resp: 20642

Ion Ratio Lower Upper

62 100

64 34.4 23.1 42.9



#16

Methylene chloride

Concen: 4.586 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036631.D

Acq: 22 Jul 2024 16:50

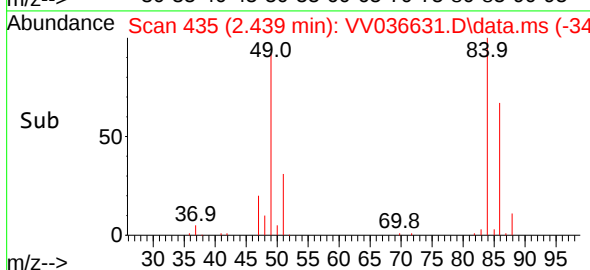
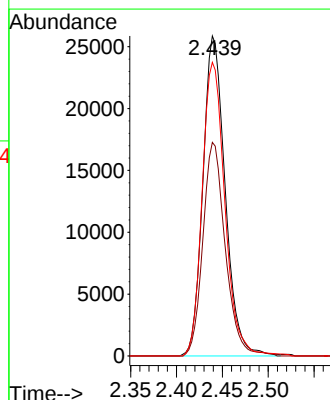
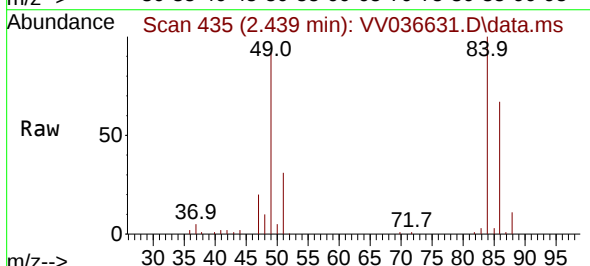
Tgt Ion: 84 Resp: 43646

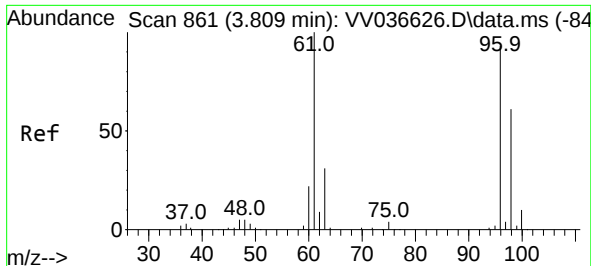
Ion Ratio Lower Upper

84 100

86 66.7 47.2 87.6

49 91.7 67.3 125.1

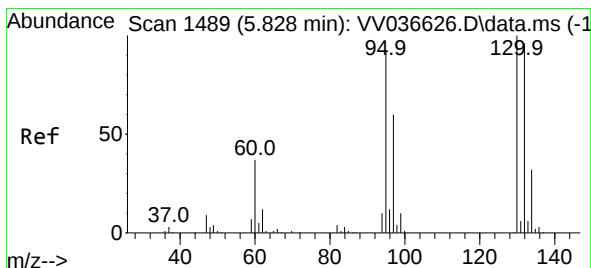
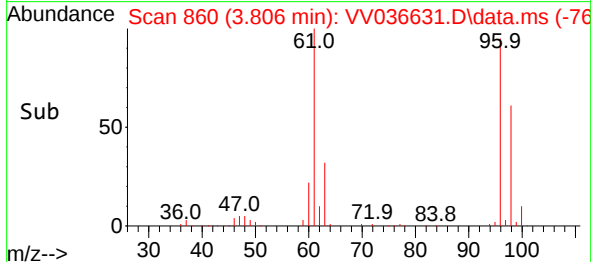
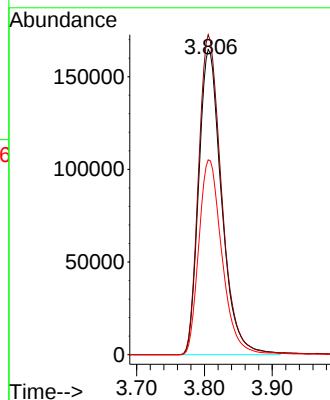
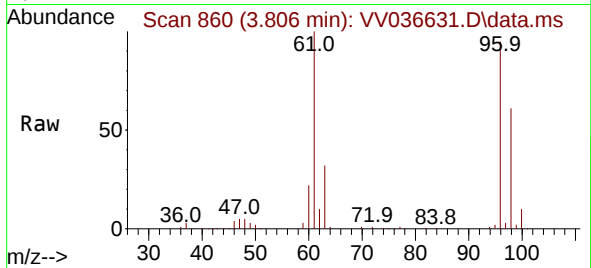




#20
cis-1,2-Dichloroethene
Concen: 46.300 ug/L
RT: 3.806 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV036631.D
Acq: 22 Jul 2024 16:50

Instrument :
MSVOA_V
ClientSampleId :
E1ZS5

Tgt Ion: 96 Resp: 385374
Ion Ratio Lower Upper
96 100
61 104.9 73.0 135.6
98 63.9 44.8 83.2



#34
Trichloroethene
Concen: 55.286 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV036631.D
Acq: 22 Jul 2024 16:50

Tgt Ion: 95 Resp: 518568
Ion Ratio Lower Upper
95 100
97 66.6 45.1 83.7
132 107.3 72.7 134.9
130 111.7 76.0 141.2

