

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035773.D
 Acq On : 25 May 2024 01:19
 Operator : SY/MD
 Sample : P2570-14
 Misc : 5.56g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 02:50:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

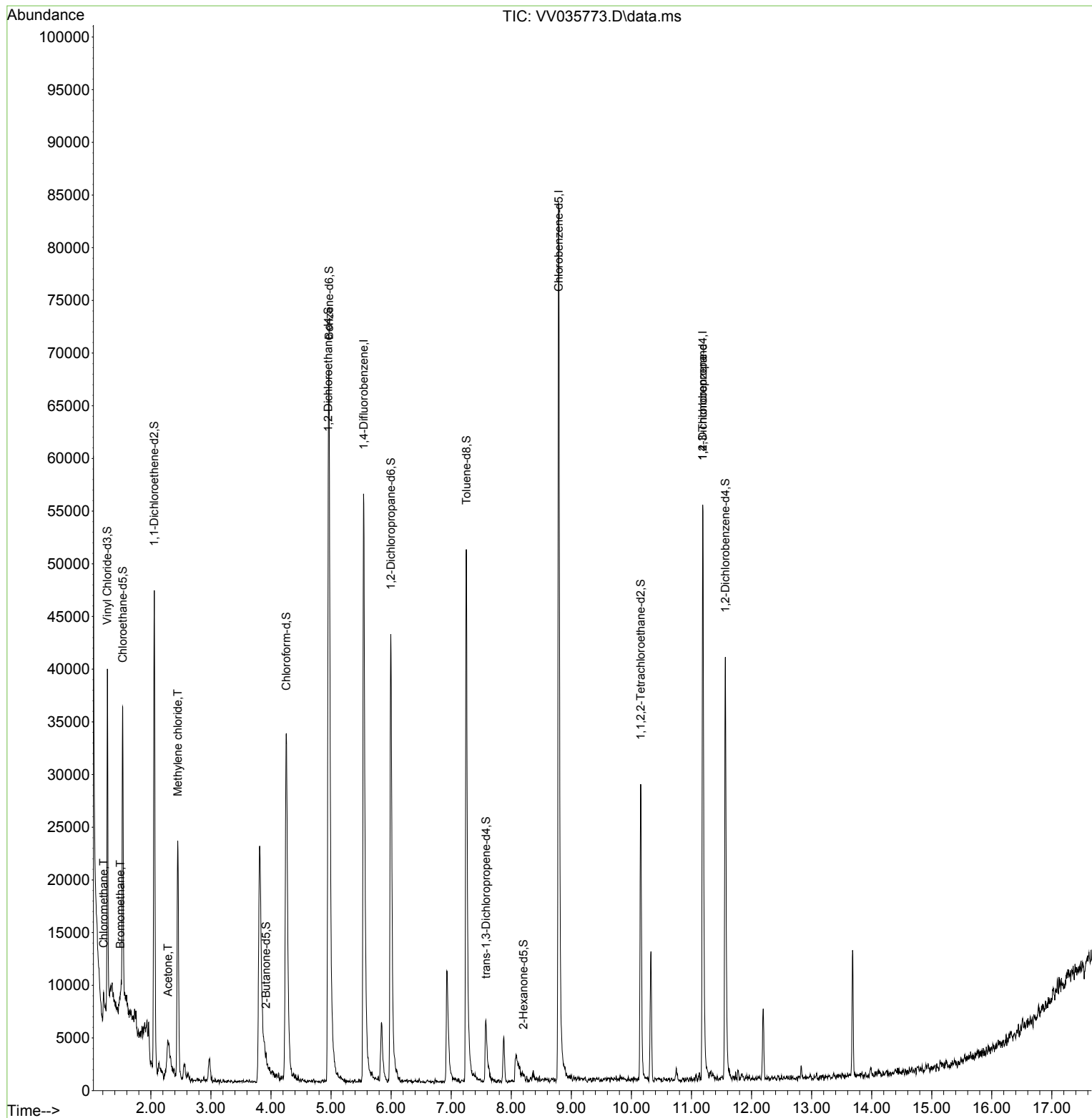
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	53464	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	52827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	17531	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	19944	24.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
7) Chloroethane-d5	1.532	69	17703	26.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.240%
11) 1,1-Dichloroethene-d2	2.056	65	7986	21.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.320%
21) 2-Butanone-d5	3.918	46	283	1.207	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.420%#
24) Chloroform-d	4.252	84	39986	25.157	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.640%
26) 1,2-Dichloroethane-d4	4.953	65	22478	28.606	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.440%
32) Benzene-d6	4.966	84	60860	21.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.995	67	24286	27.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.840%
41) Toluene-d8	7.252	98	40718	15.821	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.280%
43) trans-1,3-Dichloroprop...	7.580	79	4857	12.726	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	50.920%
47) 2-Hexanone-d5	8.201	63	42	0.262	ug/L	0.17
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.520%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15492	18.015	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.080%
66) 1,2-Dichlorobenzene-d4	11.564	152	11582	19.037	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.160%
Target Compounds						
3) Chloromethane	1.214	50	1137	1.042	ug/L	97
6) Bromomethane	1.490	94	455	0.637	ug/L #	68
13) Acetone	2.285	43	1519	4.425	ug/L	95
16) Methylene chloride	2.449	84	10565	8.569	ug/L	99
61) 1,2,3-Trichloropropane	11.188	75	1763	4.292	ug/L #	54

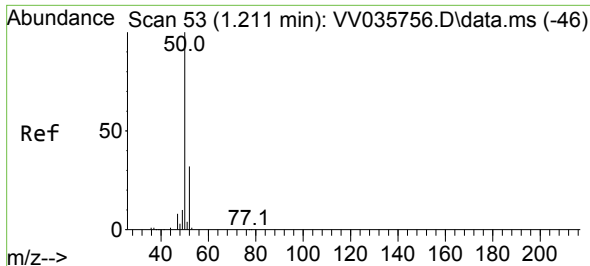
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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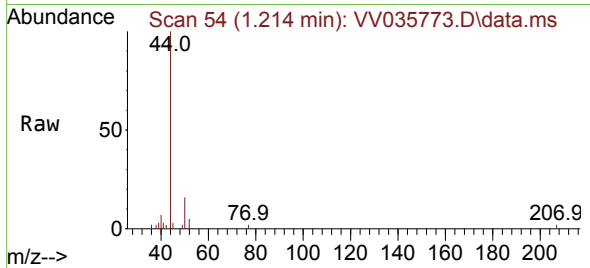
Quant Time: May 25 02:50:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
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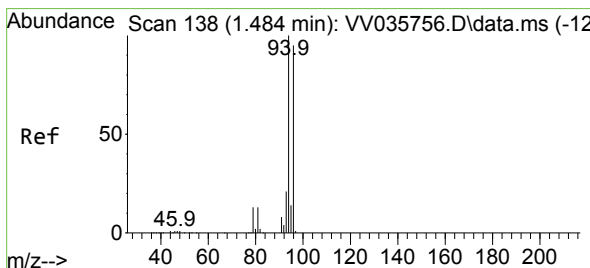
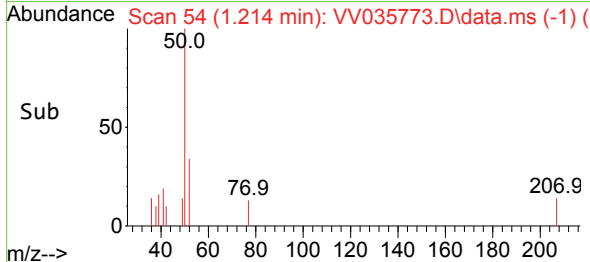
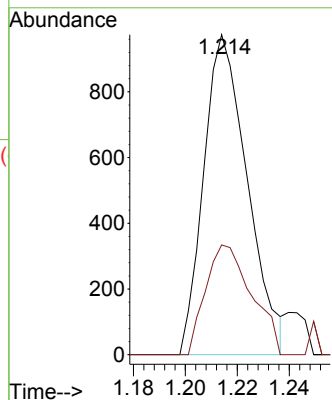


#3
Chloromethane
Concen: 1.042 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035773.D
Acq: 25 May 2024 01:19

Instrument :
MSVOA_V
ClientSampleId :

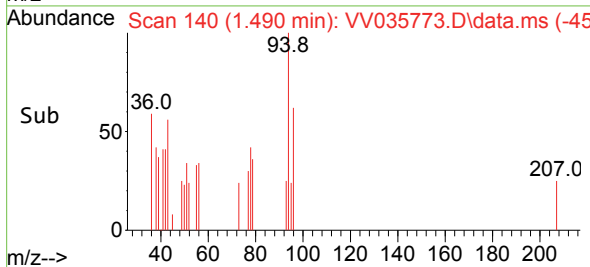
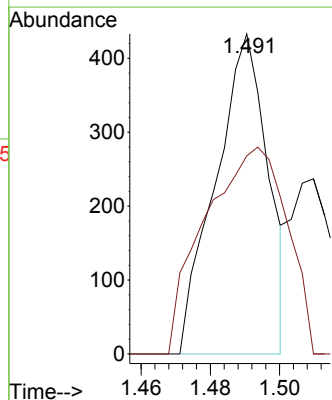
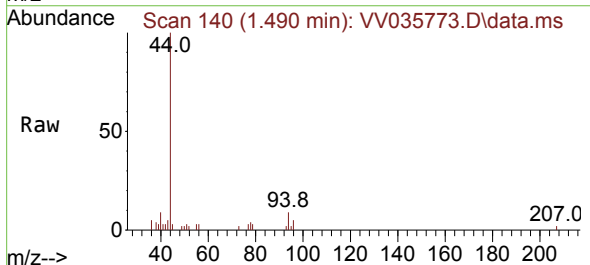


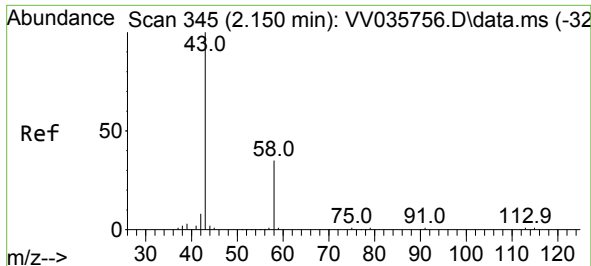
Tgt Ion: 50 Resp: 1137
Ion Ratio Lower Upper
50 100
52 34.3 22.7 42.1



#6
Bromomethane
Concen: 0.637 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.006 min
Lab File: VV035773.D
Acq: 25 May 2024 01:19

Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 61.9 65.2 121.0#





#13

Acetone

Concen: 4.425 ug/L

RT: 2.285 min Scan# 345

Delta R.T. 0.135 min

Lab File: VV035773.D

Acq: 25 May 2024 01:19

Instrument :

MSVOA_V

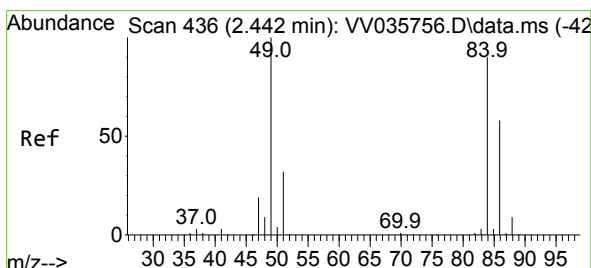
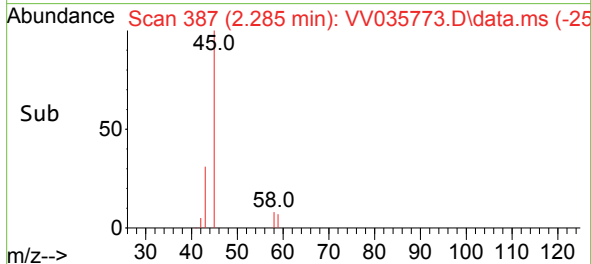
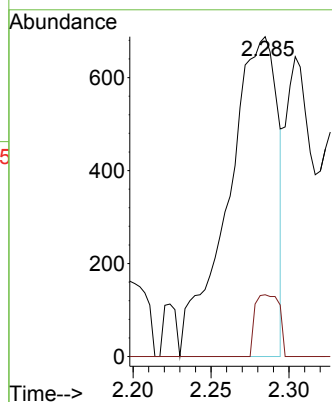
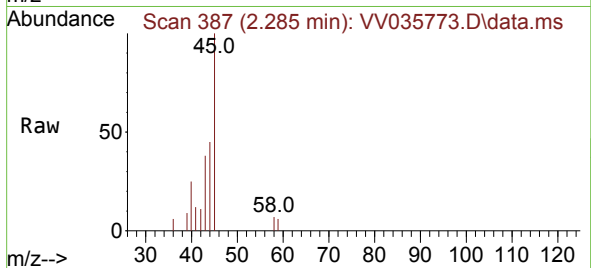
ClientSampleId :

Tgt Ion: 43 Resp: 1519

Ion Ratio Lower Upper

43 100

58 9.5 0.0 22.8



#16

Methylene chloride

Concen: 8.569 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.006 min

Lab File: VV035773.D

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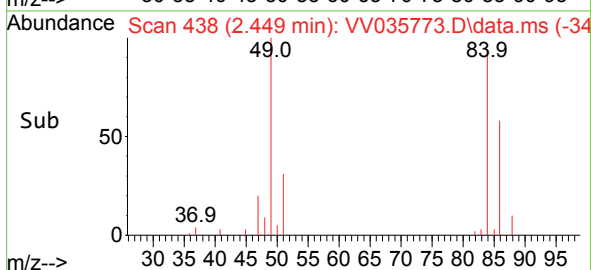
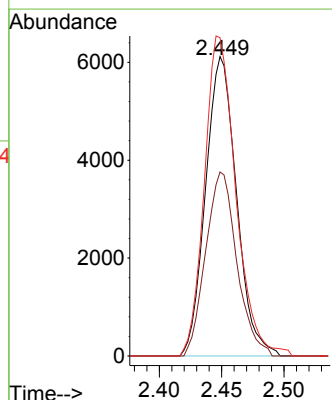
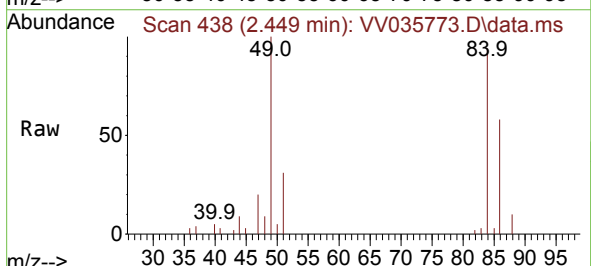
Tgt Ion: 84 Resp: 10565

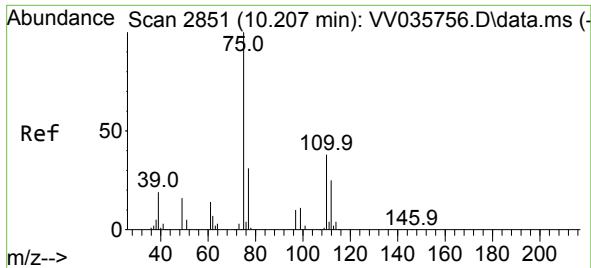
Ion Ratio Lower Upper

84 100

86 61.5 43.8 81.3

49 106.3 75.3 139.9





#61

1,2,3-Trichloropropane

Concen: 4.292 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.981 min

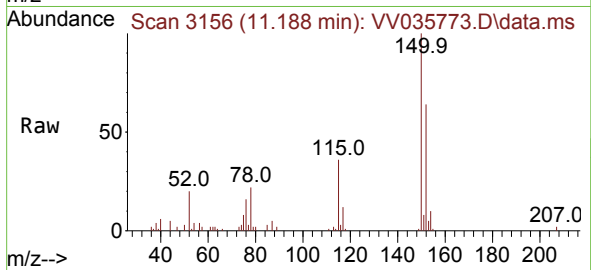
Lab File: VV035773.D

Acq: 25 May 2024 01:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 1763

Ion Ratio Lower Upper

75 100

77 44.9 25.7 38.5#

110 0.0 31.8 47.8#

