

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062524\
 Data File : VW036272.D
 Acq On : 25 Jun 2024 16:01
 Operator : SY/MD
 Sample : P2897-05
 Misc : 5.05g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 26 04:22:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:03:41 2024
 Response via : Initial Calibration

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

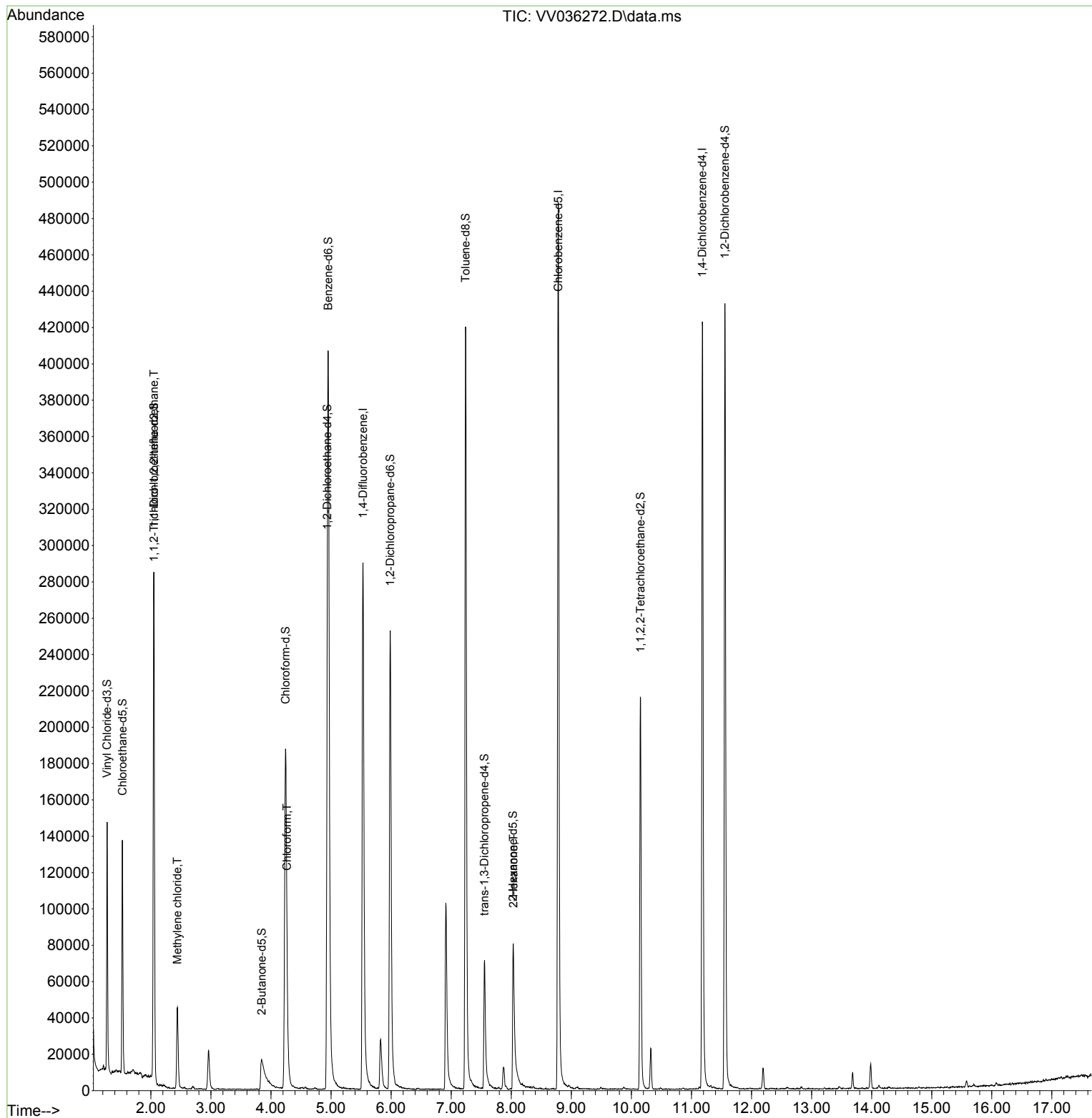
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	263595	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	278392	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	113403	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	92561	19.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.400%
7) Chloroethane-d5	1.526	69	86656	22.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.720%
11) 1,1-Dichloroethene-d2	2.050	65	47067	21.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.280%
21) 2-Butanone-d5	3.844	46	36208	32.564	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.120%
24) Chloroform-d	4.243	84	210601	25.131	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.520%
26) 1,2-Dichloroethane-d4	4.937	65	118225	26.907	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.640%
32) Benzene-d6	4.953	84	365127	22.064	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	5.986	67	127768	24.518	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.080%
41) Toluene-d8	7.240	98	292305	20.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	7.555	79	47256	22.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.480%
47) 2-Hexanone-d5	8.030	63	30312	42.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.860%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109436	28.103	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	115246	27.713	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.840%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2120	0.468	ug/L #	40
16) Methylene chloride	2.439	84	20768	3.482	ug/L	92
25) Chloroform	4.265	83	7462	0.850	ug/L	88
48) 2-Hexanone	8.037	43	4183	2.060	ug/L #	78

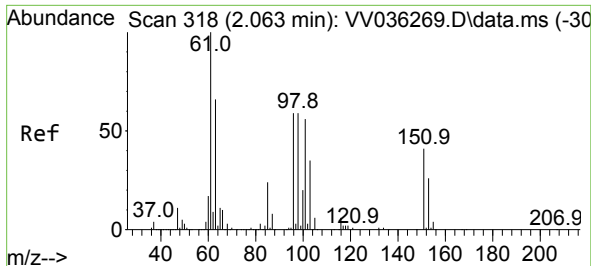
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.468 ug/L

RT: 2.053 min Scan# 318

Delta R.T. -0.010 min

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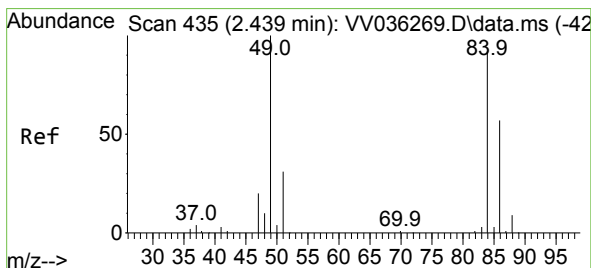
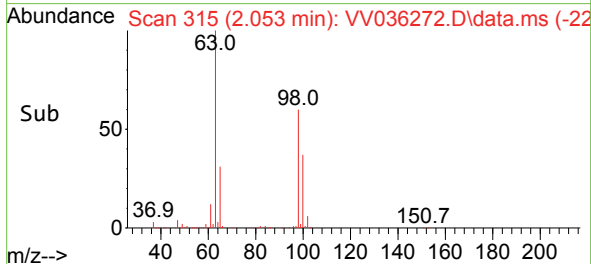
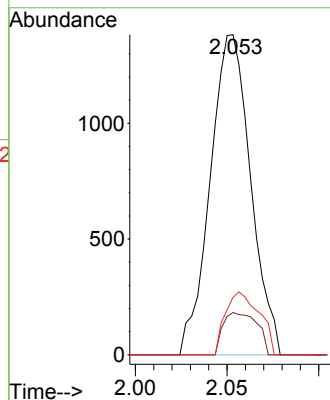
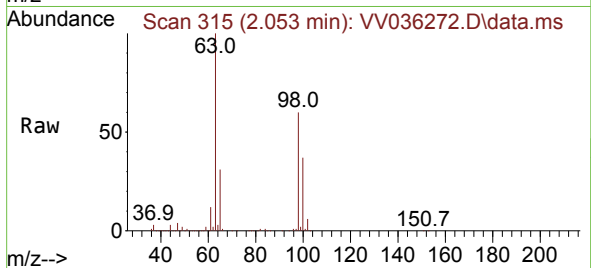
Tgt Ion:101 Resp: 2120

Ion Ratio Lower Upper

101 100

85 11.1 34.5 51.7#

151 16.5 56.3 84.5#



#16

Methylene chloride

Concen: 3.482 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

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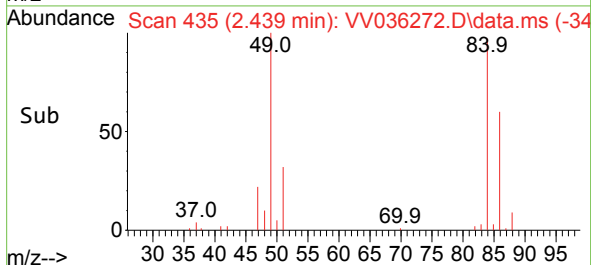
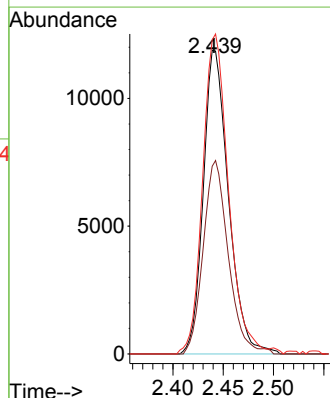
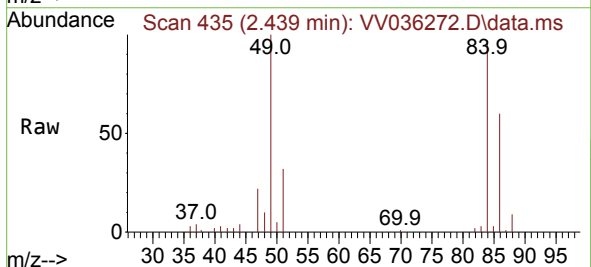
Tgt Ion: 84 Resp: 20768

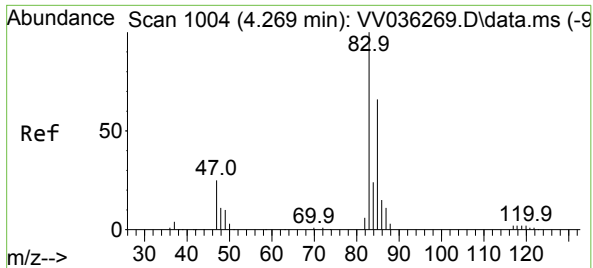
Ion Ratio Lower Upper

84 100

86 61.8 44.6 82.8

49 103.5 81.1 150.5

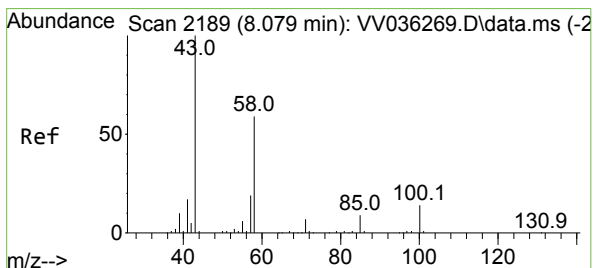
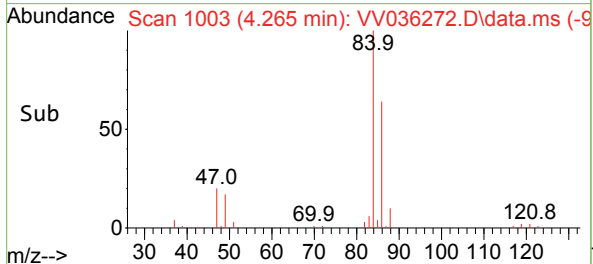
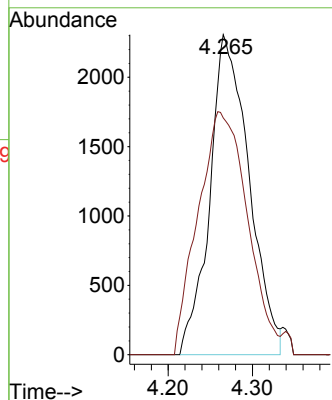
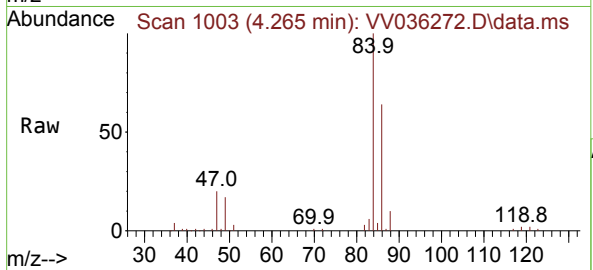




#25
Chloroform
Concen: 0.850 ug/L
RT: 4.265 min Scan# 11
Delta R.T. -0.003 min
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Instrument :
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Tgt Ion: 83 Resp: 7462
Ion Ratio Lower Upper
83 100
85 74.0 45.2 84.0



#48
2-Hexanone
Concen: 2.060 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.042 min
Lab File: VV036272.D
Acq: 25 Jun 2024 16:01

Tgt Ion: 43 Resp: 4183
Ion Ratio Lower Upper
43 100
58 38.9 45.4 68.0#
57 28.1 15.8 23.8#
100 4.7 9.8 14.8#

