

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
 Data File : VV031472.D
 Acq On : 09 Jun 2023 01:15
 Operator : SY/MD
 Sample : 03106-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FE5

Quant Time: Jun 09 06:55:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 06:27:10 2023
 Response via : Initial Calibration

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

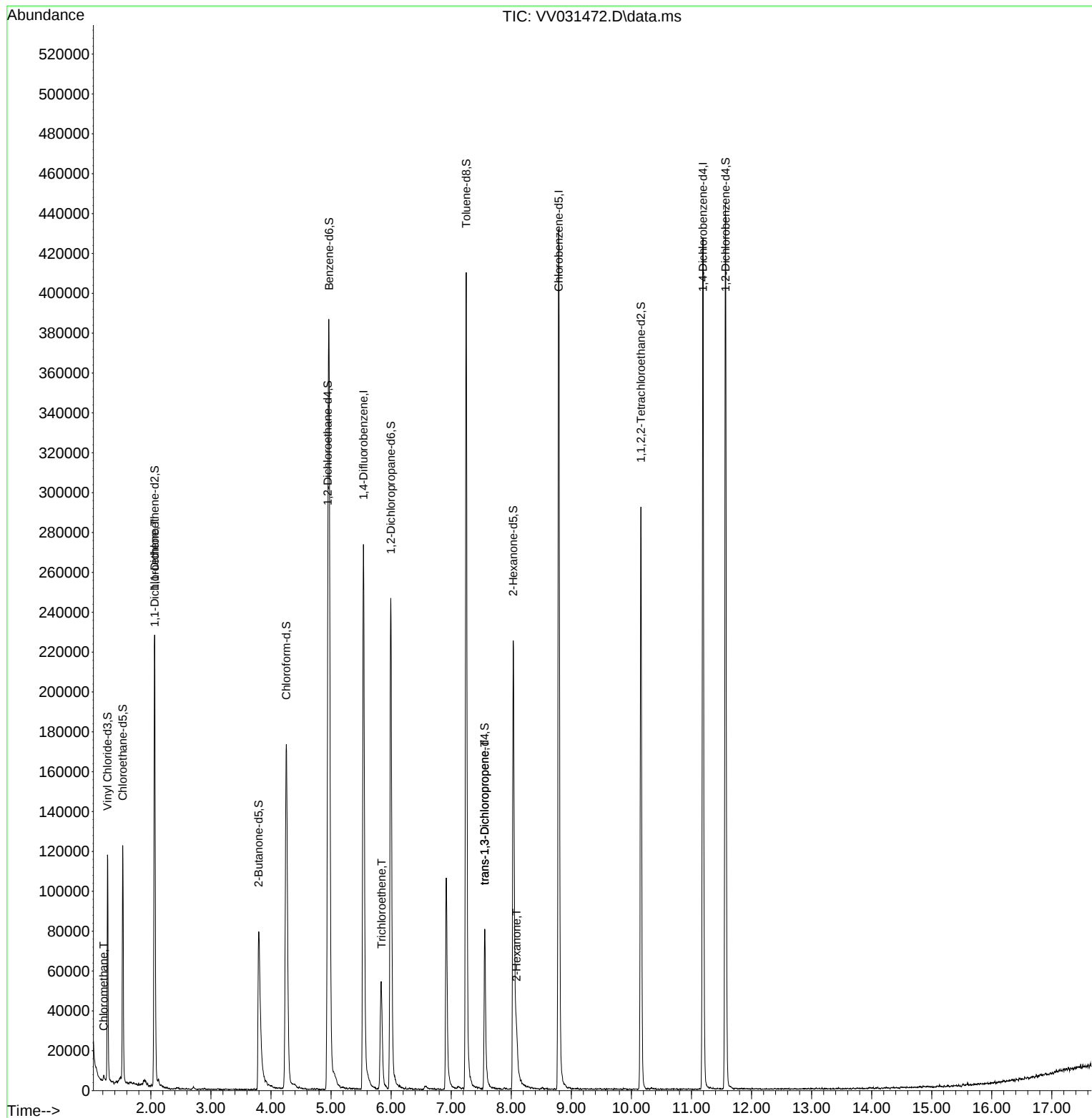
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	226881	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	231753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108908	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74796	37.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.940%
7) Chloroethane-d5	1.532	69	74518	46.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.220%
11) 1,1-Dichloroethene-d2	2.063	65	40542	42.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.700%
21) 2-Butanone-d5	3.796	46	142002	98.433	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.430%
24) Chloroform-d	4.256	84	185192	48.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
26) 1,2-Dichloroethane-d4	4.947	65	130974	51.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.840%
32) Benzene-d6	4.966	84	319355	46.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
36) 1,2-Dichloropropane-d6	5.995	67	118721	49.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	7.249	98	271238	43.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.300%
43) trans-1,3-Dichloroprop...	7.558	79	49353	41.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.400%
47) 2-Hexanone-d5	8.034	63	71558	79.885	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.880%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	138182	46.039	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.080%
66) 1,2-Dichlorobenzene-d4	11.567	152	110373	54.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.260%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1337	1.811	ug/L	89
12) 1,1-Dichloroethene	2.066	96	1612	1.781	ug/L #	1
34) Trichloroethene	5.841	95	10825	6.719	ug/L	97
44) trans-1,3-Dichloropropene	7.558	75	2359	0.846	ug/L	95
48) 2-Hexanone	8.088	43	16462	7.034	ug/L #	76

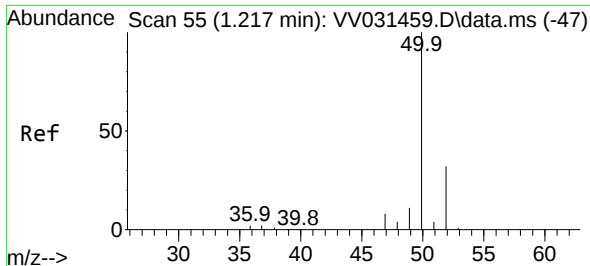
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 09 06:27:10 2023
Response via : Initial Calibration

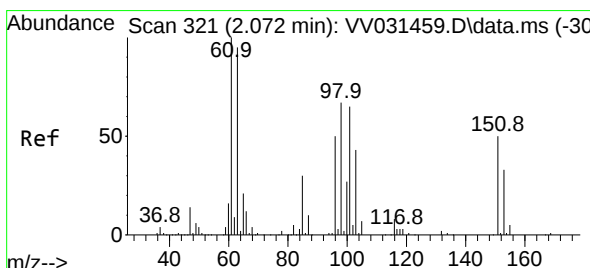
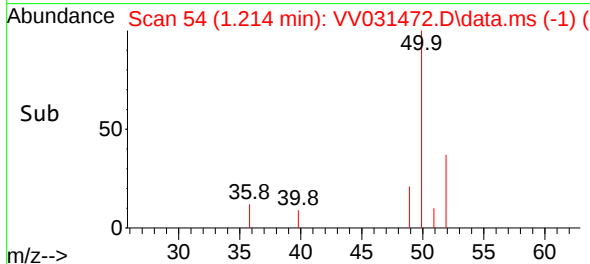
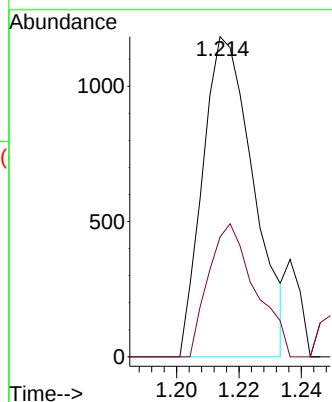
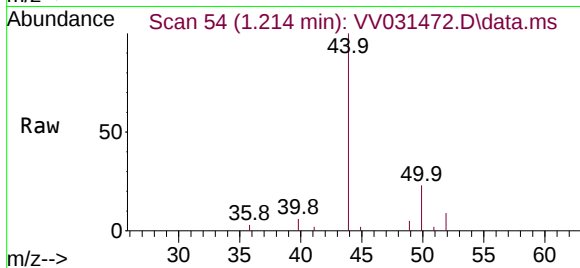




#3
Chloromethane
Concen: 1.811 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV031472.D
Acq: 09 Jun 2023 01:15

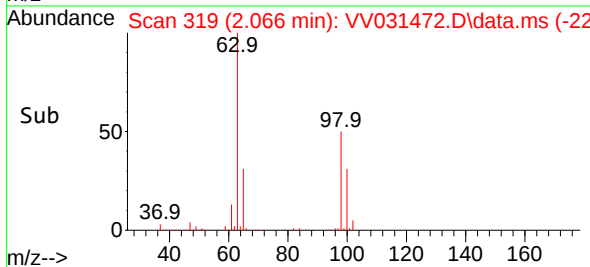
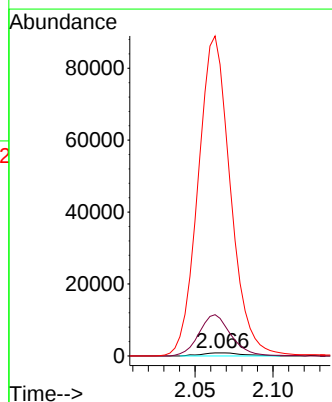
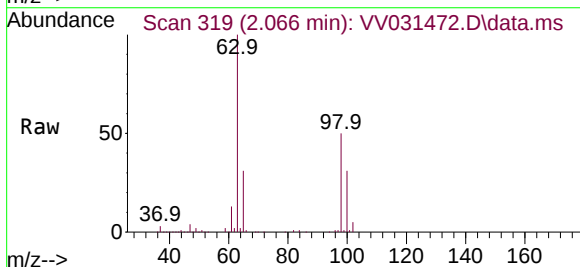
Instrument :
MSVOA_V
ClientSampleId :
C0FE5

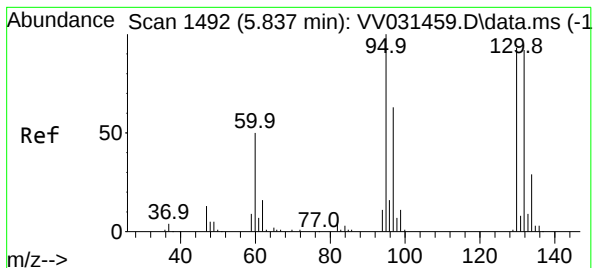
Tgt Ion: 50 Resp: 1337
Ion Ratio Lower Upper
50 100
52 37.4 21.9 40.7



#12
1,1-Dichloroethene
Concen: 1.781 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV031472.D
Acq: 09 Jun 2023 01:15

Tgt Ion: 96 Resp: 1612
Ion Ratio Lower Upper
96 100
61 1201.2 143.9 267.3#
63 9329.3 158.3 293.9#





#34

Trichloroethene

Concen: 6.719 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV031472.D

Acq: 09 Jun 2023 01:15

Instrument :

MSVOA_V

ClientSampleId :

C0FE5

Tgt Ion: 95 Resp: 10825

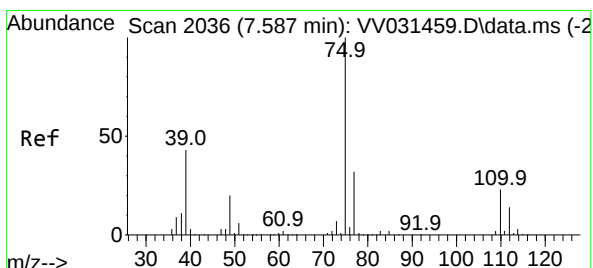
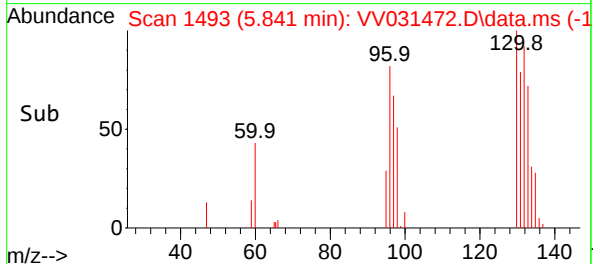
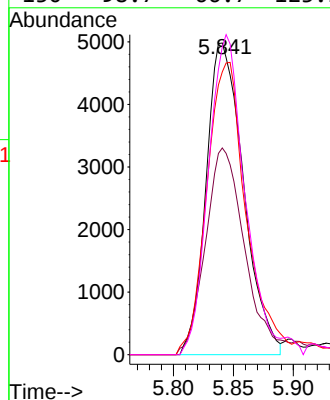
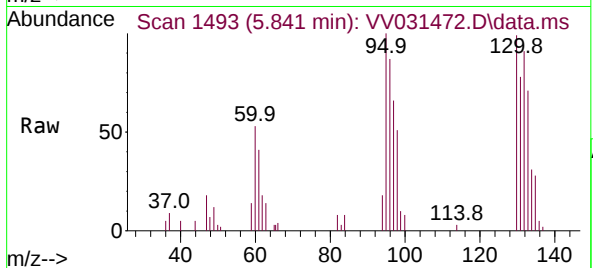
Ion Ratio Lower Upper

95 100

97 66.3 44.2 82.0

132 90.7 64.2 119.2

130 98.7 66.7 123.9



#44

trans-1,3-Dichloropropene

Concen: 0.846 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV031472.D

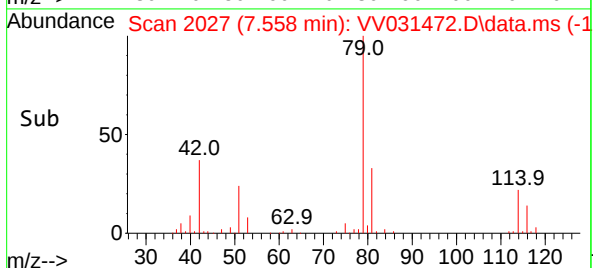
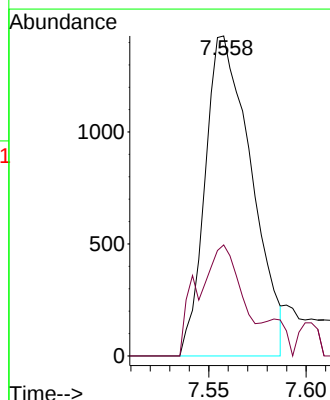
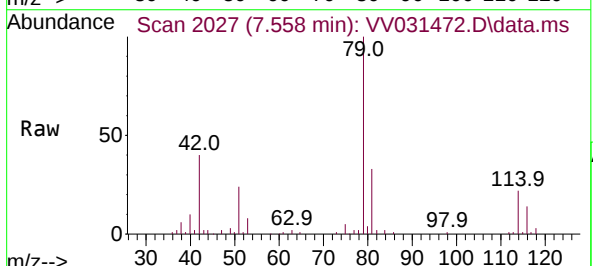
Acq: 09 Jun 2023 01:15

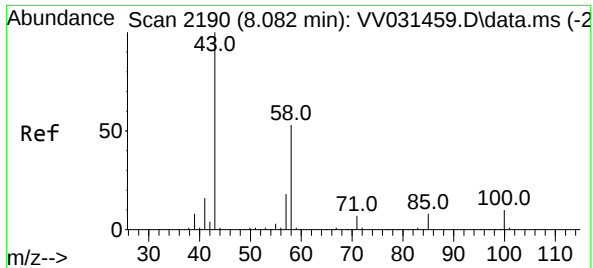
Tgt Ion: 75 Resp: 2359

Ion Ratio Lower Upper

75 100

77 34.7 22.2 41.2





#48
 2-Hexanone
 Concen: 7.034 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV031472.D
 Acq: 09 Jun 2023 01:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FE5

Tgt Ion: 43	Resp:	16462
Ion	Ratio	Lower Upper
43	100	
58	30.0	42.9 64.3#
57	17.6	14.6 22.0
100	4.1	8.2 12.2#

