

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036576.D
 Acq On : 16 Jul 2024 18:45
 Operator : SY/MD
 Sample : P3238-18
 Misc : 5.81g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

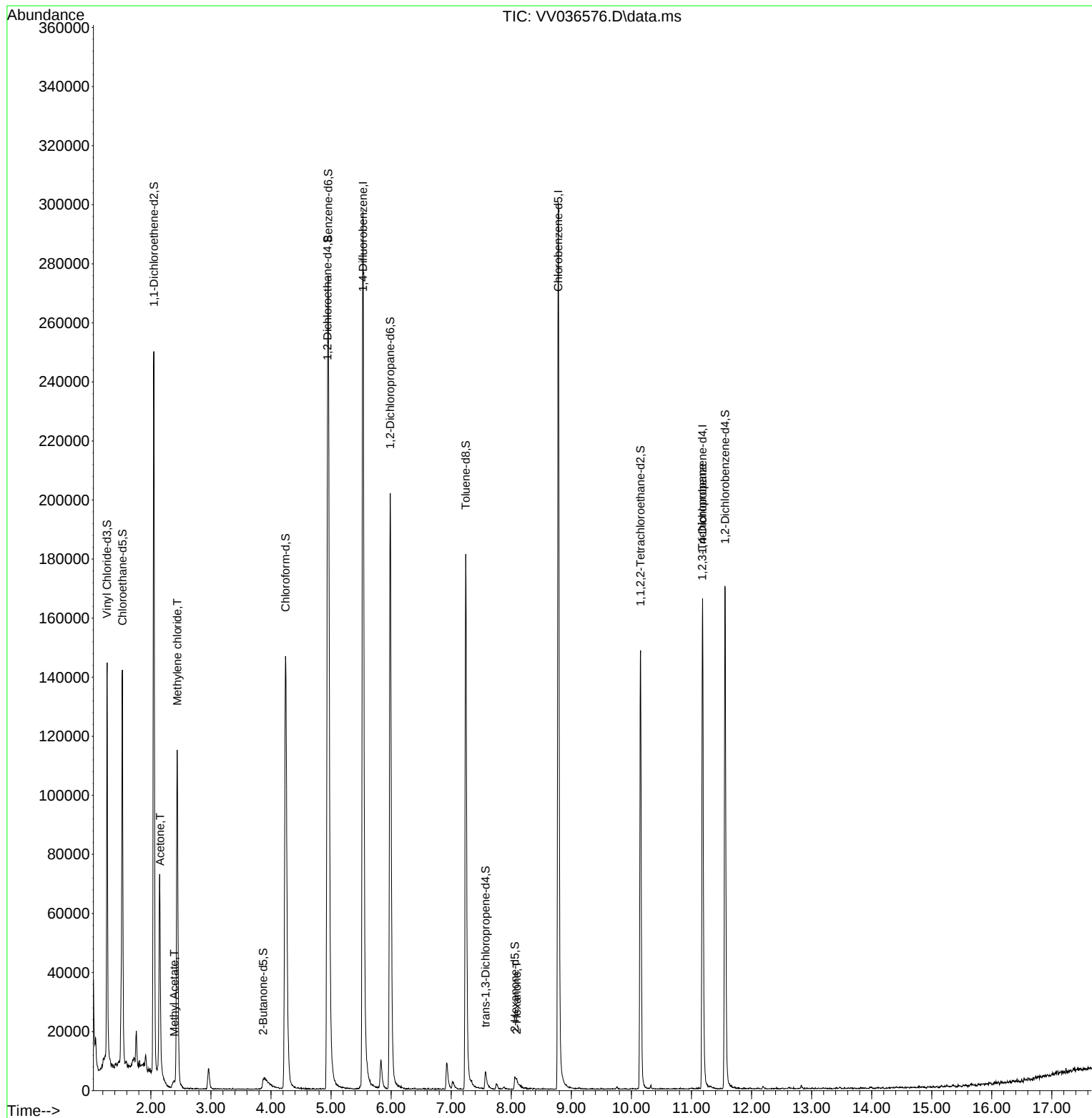
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	284258	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	185451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	86956	21.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.400%
7) Chloroethane-d5	1.526	69	85413	23.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.960%
11) 1,1-Dichloroethene-d2	2.050	65	39619	18.945	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.760%
21) 2-Butanone-d5	3.870	46	1969	2.825	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	5.640%#
24) Chloroform-d	4.243	84	164423	19.872	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.480%
26) 1,2-Dichloroethane-d4	4.940	65	96144	23.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.720%
32) Benzene-d6	4.953	84	237016	25.618	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.480%
36) 1,2-Dichloropropane-d6	5.985	67	96904	35.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.560%#
41) Toluene-d8	7.243	98	133643	15.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.640%
43) trans-1,3-Dichloroprop...	7.571	79	5379	4.692	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	18.760%#
47) 2-Hexanone-d5	8.059	63	1570	5.127	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.260%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	71850	30.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.760%#
66) 1,2-Dichlorobenzene-d4	11.561	152	49097	28.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.600%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	10425	10.579	ug/L #	1
15) Methyl Acetate	2.387	43	613	0.460	ug/L #	55
16) Methylene chloride	2.439	84	50137	8.579	ug/L	96
48) 2-Hexanone	8.091	43	658	0.843	ug/L #	37
61) 1,2,3-Trichloropropane	11.181	75	4938	5.544	ug/L #	54

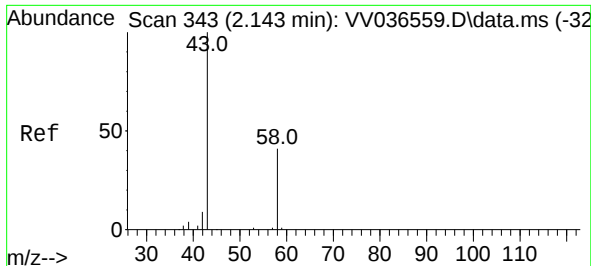
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 10.579 ug/L

RT: 2.153 min Scan# 343

Delta R.T. 0.010 min

Lab File: VV036576.D

Acq: 16 Jul 2024 18:45

Instrument :

MSVOA_V

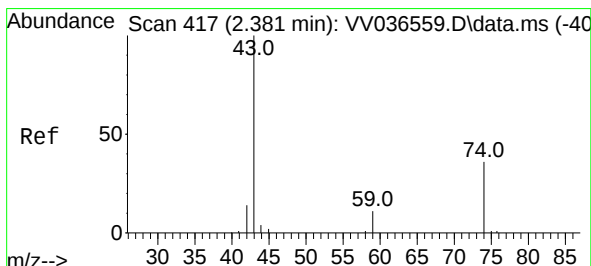
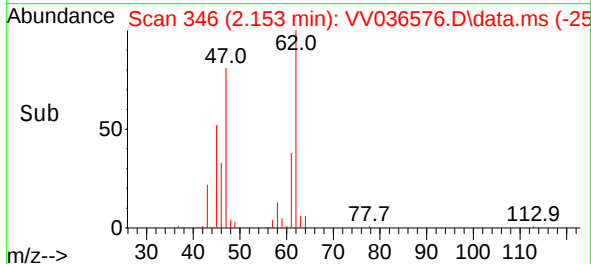
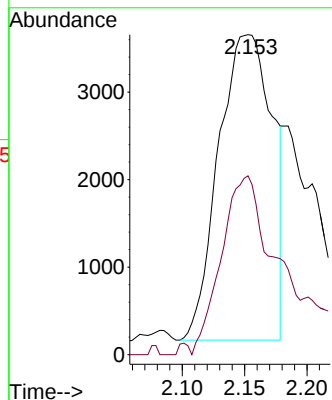
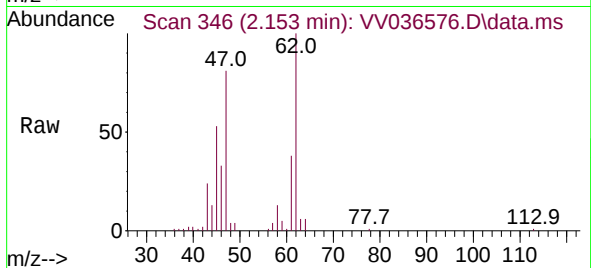
ClientSampleId :

Tgt Ion: 43 Resp: 10425

Ion Ratio Lower Upper

43 100

58 57.7 0.0 28.4#



#15

Methyl Acetate

Concen: 0.460 ug/L

RT: 2.387 min Scan# 419

Delta R.T. 0.006 min

Lab File: VV036576.D

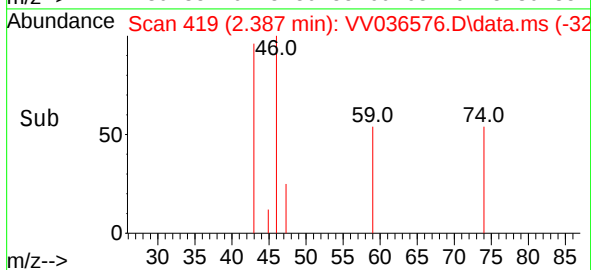
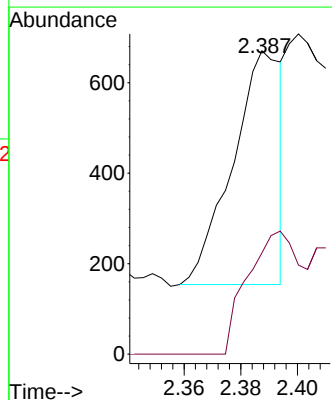
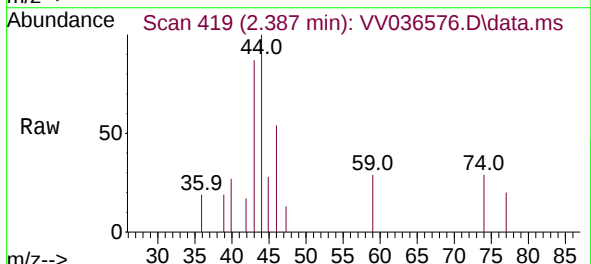
Acq: 16 Jul 2024 18:45

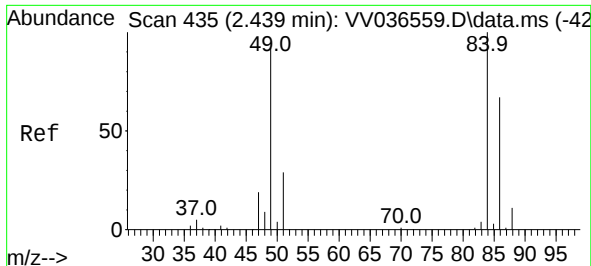
Tgt Ion: 43 Resp: 613

Ion Ratio Lower Upper

43 100

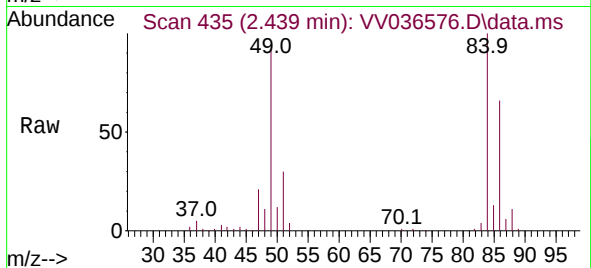
74 58.6 26.3 39.5#



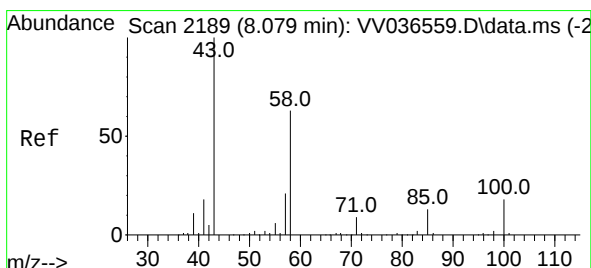
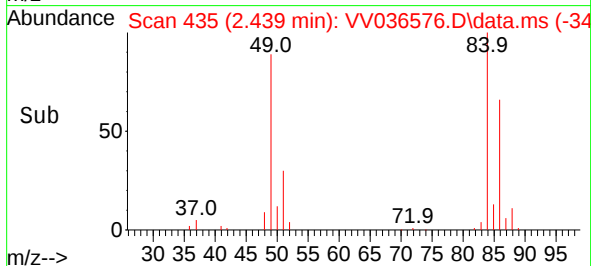
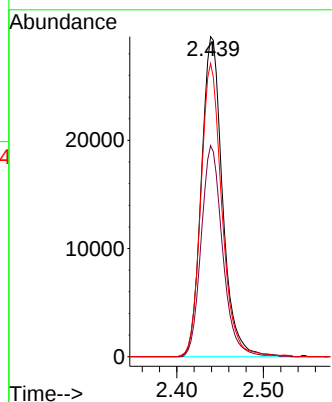


#16
Methylene chloride
Concen: 8.579 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036576.D
Acq: 16 Jul 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :

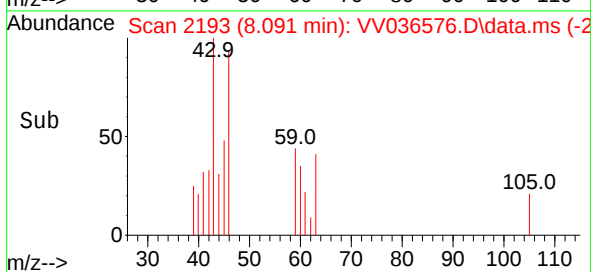
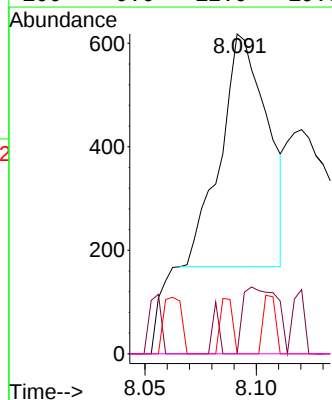
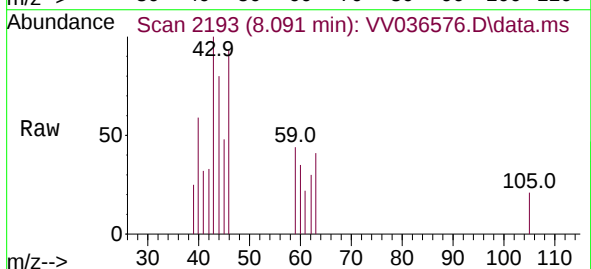


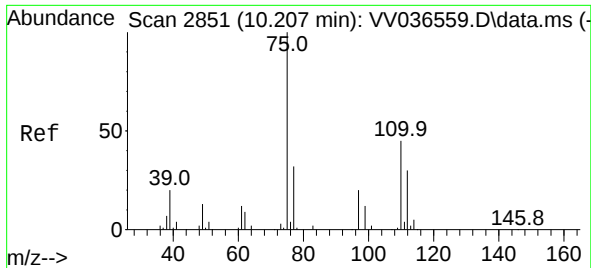
Tgt Ion: 84 Resp: 50137
Ion Ratio Lower Upper
84 100
86 65.9 46.3 86.1
49 91.6 68.1 126.5



#48
2-Hexanone
Concen: 0.843 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.013 min
Lab File: VV036576.D
Acq: 16 Jul 2024 18:45

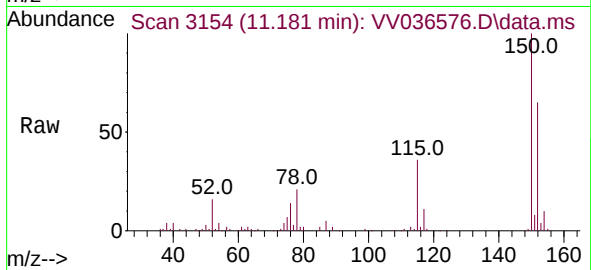
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 0.0 49.5 74.3#
57 6.2 15.3 22.9#
100 0.0 12.9 19.3#





#61
1,2,3-Trichloropropane
Concen: 5.544 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.974 min
Lab File: VV036576.D
Acq: 16 Jul 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 4938
Ion Ratio Lower Upper
75 100
77 42.0 25.6 38.4#
110 0.9 34.8 52.2#

