

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035643.D
 Acq On : 21 May 2024 17:12
 Operator : SY/MD
 Sample : P2547-05
 Misc : 5.97g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:37:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

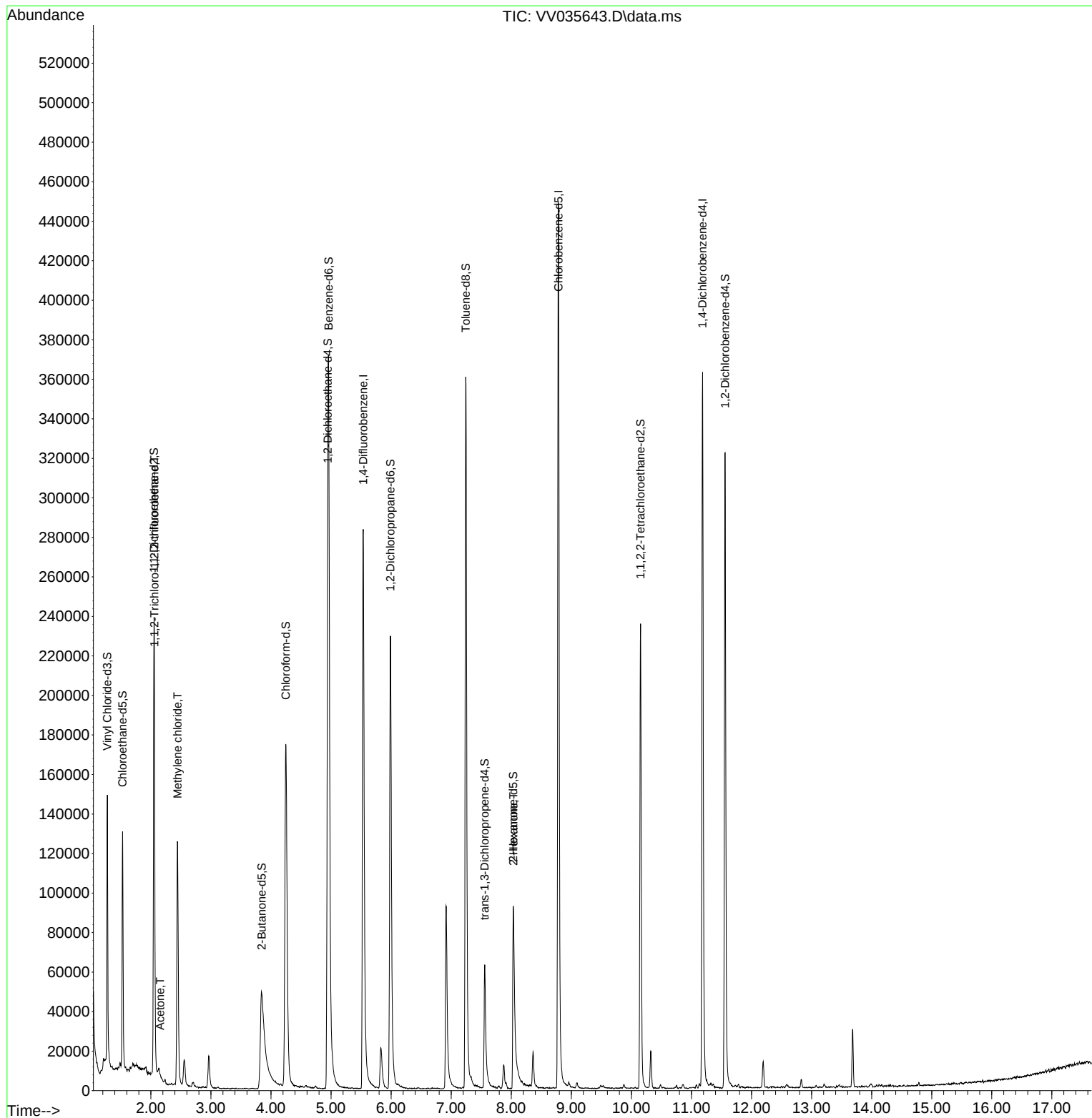
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	262102	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	266708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	102080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84506	20.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
7) Chloroethane-d5	1.529	69	77207	23.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
11) 1,1-Dichloroethene-d2	2.053	65	38767	21.616	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.480%
21) 2-Butanone-d5	3.847	46	53263	46.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.660%
24) Chloroform-d	4.246	84	196565	25.226	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	4.944	65	106588	27.670	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.680%
32) Benzene-d6	4.960	84	341840	23.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	5.989	67	120184	26.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.680%
41) Toluene-d8	7.243	98	258020	19.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.440%
43) trans-1,3-Dichloroprop...	7.558	79	43923	22.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.160%
47) 2-Hexanone-d5	8.034	63	39258	48.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.920%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	119494	27.523	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.080%
66) 1,2-Dichlorobenzene-d4	11.561	152	88175	24.890	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2124	0.467	ug/L #	23
13) Acetone	2.156	43	4347	2.583	ug/L	83
16) Methylene chloride	2.446	84	53817	8.904	ug/L	95
48) 2-Hexanone	8.037	43	4901	2.370	ug/L #	55

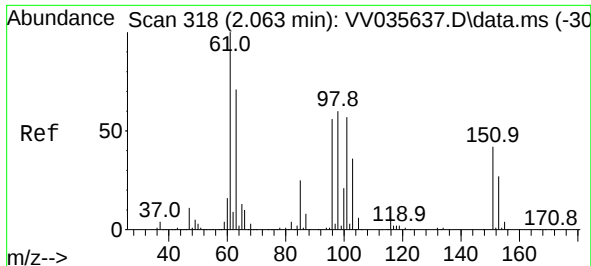
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 22 02:35:18 2024
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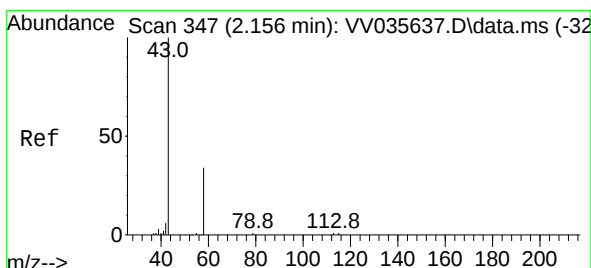
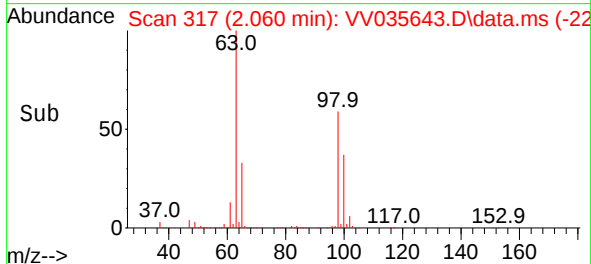
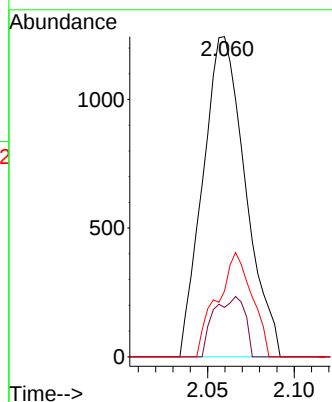
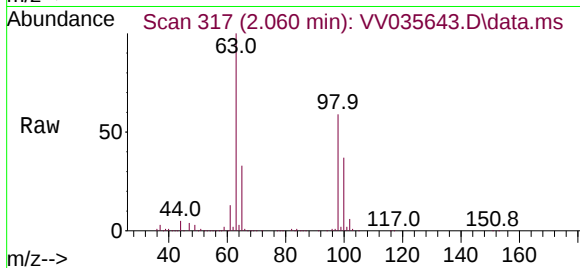




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.467 ug/L
RT: 2.060 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV035643.D
Acq: 21 May 2024 17:12

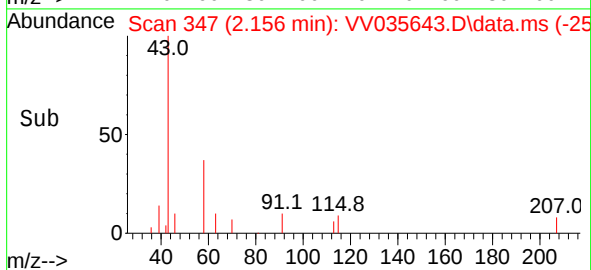
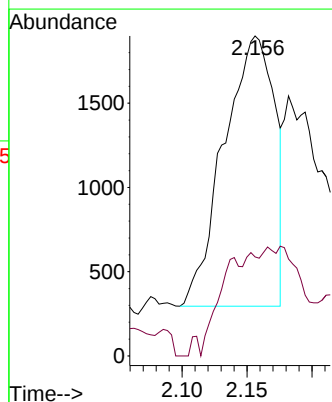
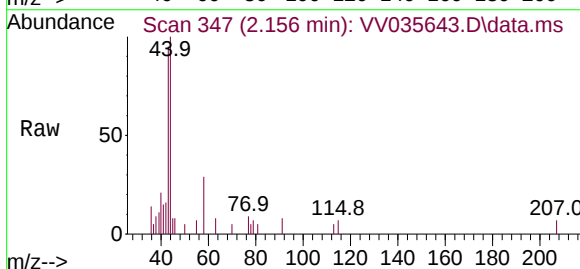
Instrument :
MSVOA_V
ClientSampleId :

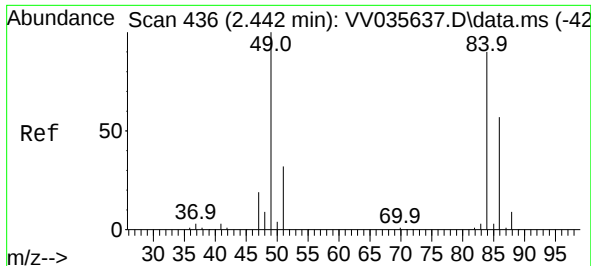
Tgt Ion:101 Resp: 2124
Ion Ratio Lower Upper
101 100
85 6.4 34.2 51.4#
151 0.0 59.5 89.3#



#13
Acetone
Concen: 2.583 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV035643.D
Acq: 21 May 2024 17:12

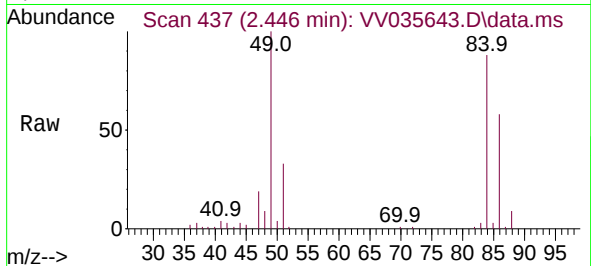
Tgt Ion: 43 Resp: 4347
Ion Ratio Lower Upper
43 100
58 17.8 0.0 22.8



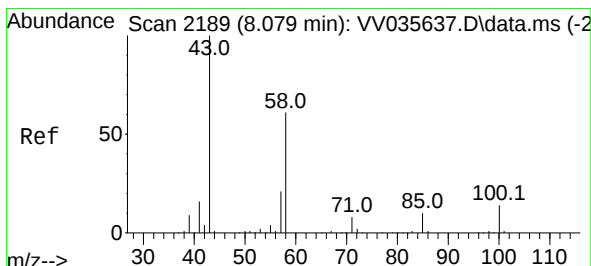
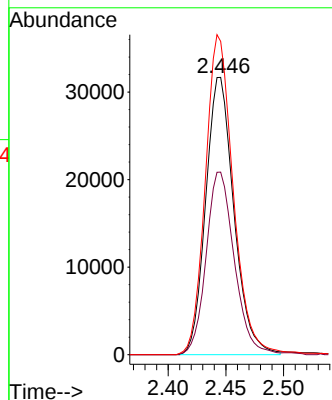
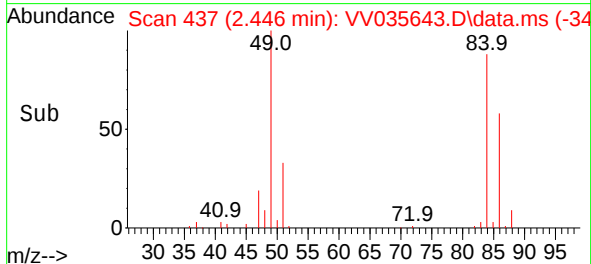


#16
Methylene chloride
Concen: 8.904 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035643.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 53817
Ion Ratio Lower Upper
84 100
86 65.8 43.8 81.3
49 113.0 75.3 139.9



#48
2-Hexanone
Concen: 2.370 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.042 min
Lab File: VV035643.D
Acq: 21 May 2024 17:12

Tgt Ion: 43 Resp: 4901
Ion Ratio Lower Upper
43 100
58 23.6 48.8 73.2#
57 43.8 16.9 25.3#
100 5.3 11.7 17.5#

