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Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
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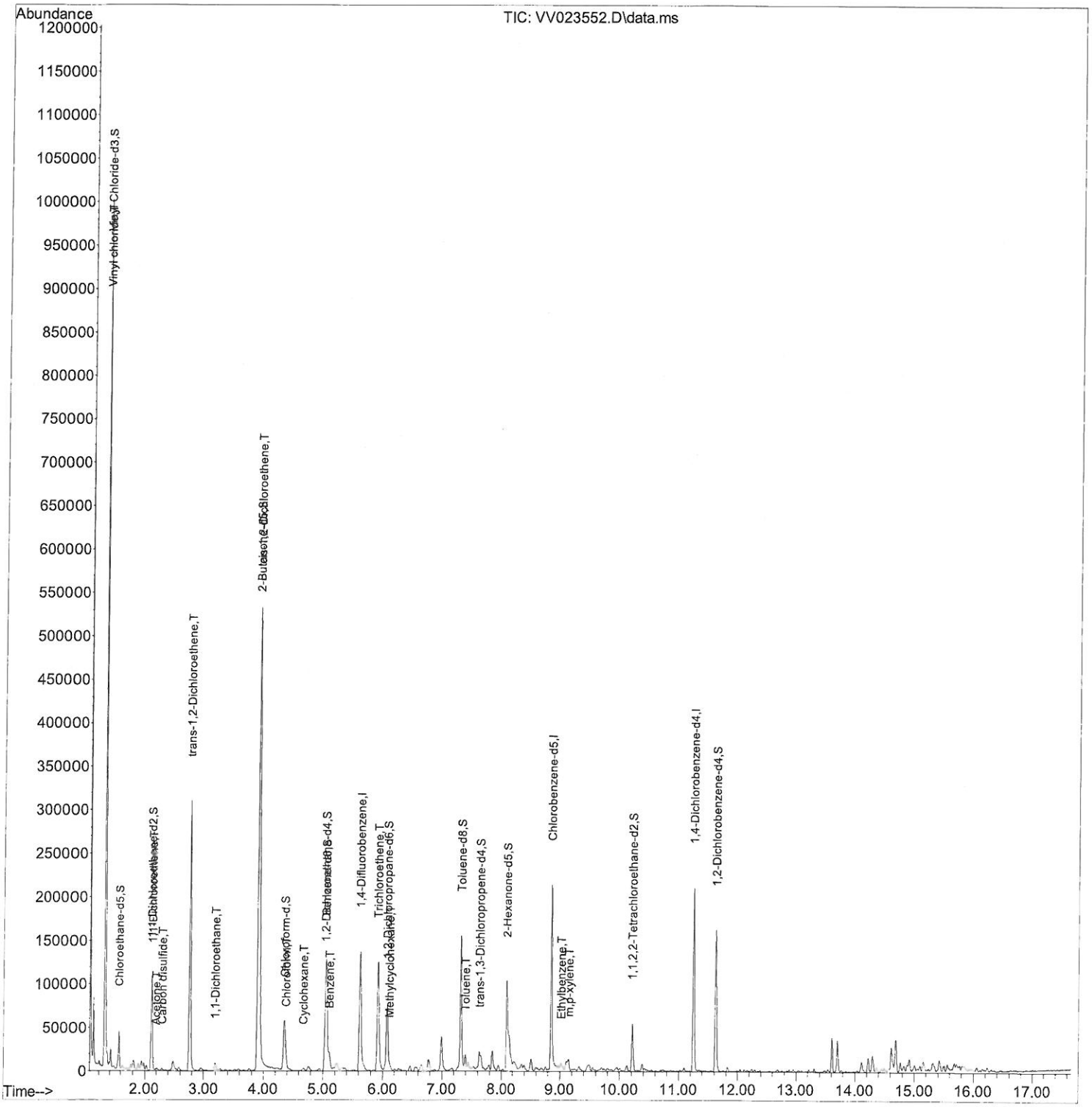
Instrument :
MSVOA_V
ClientSampleId :
H4637

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



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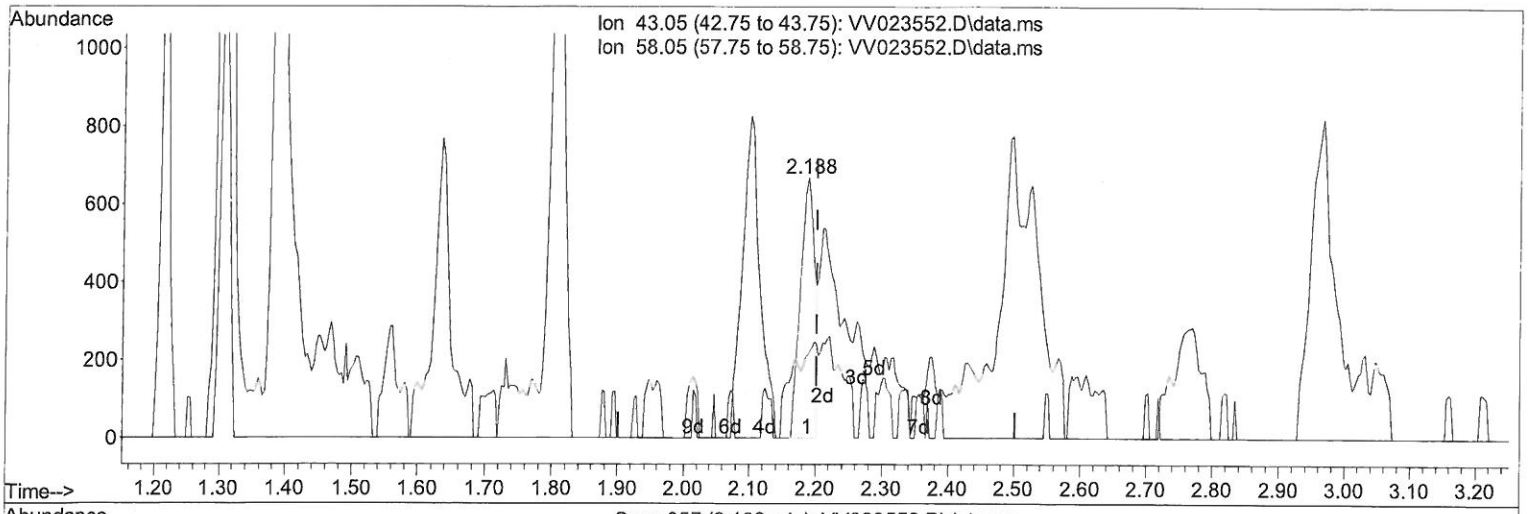

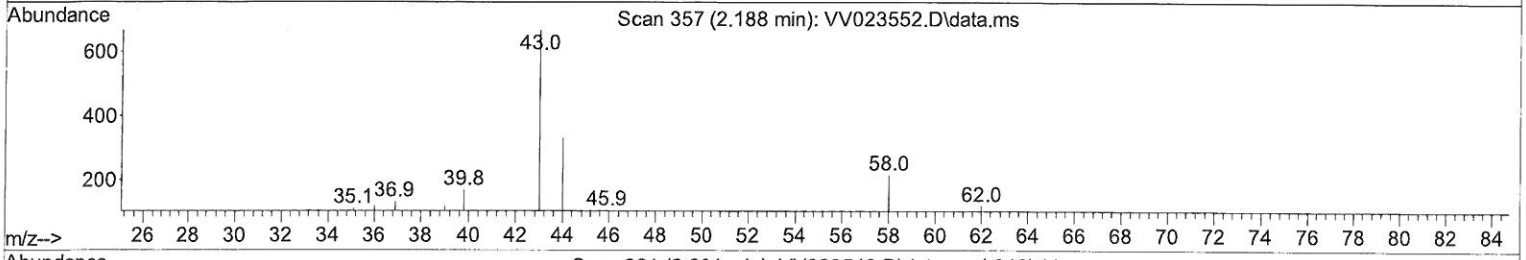

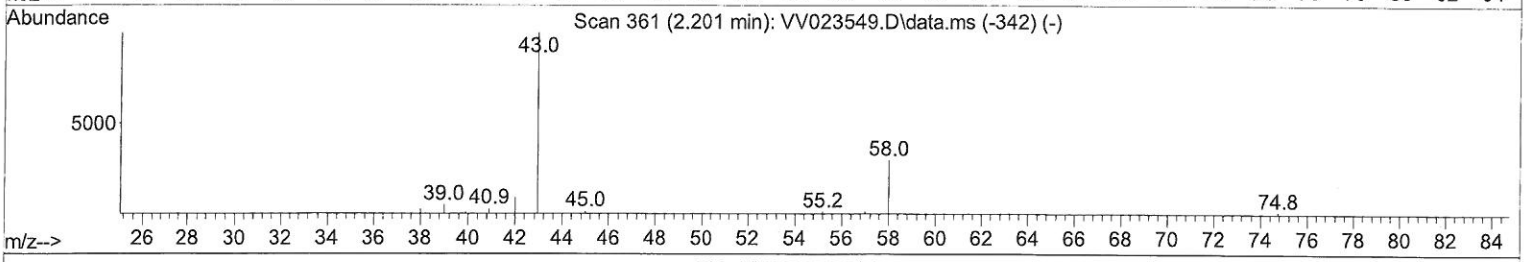

TIC: VV023552.D\data.ms

(13) Acetone (T)

2.188min (-0.013) 1.26 ug/L

response 999

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	13.41
0.00	0.00	0.00
0.00	0.00	0.00

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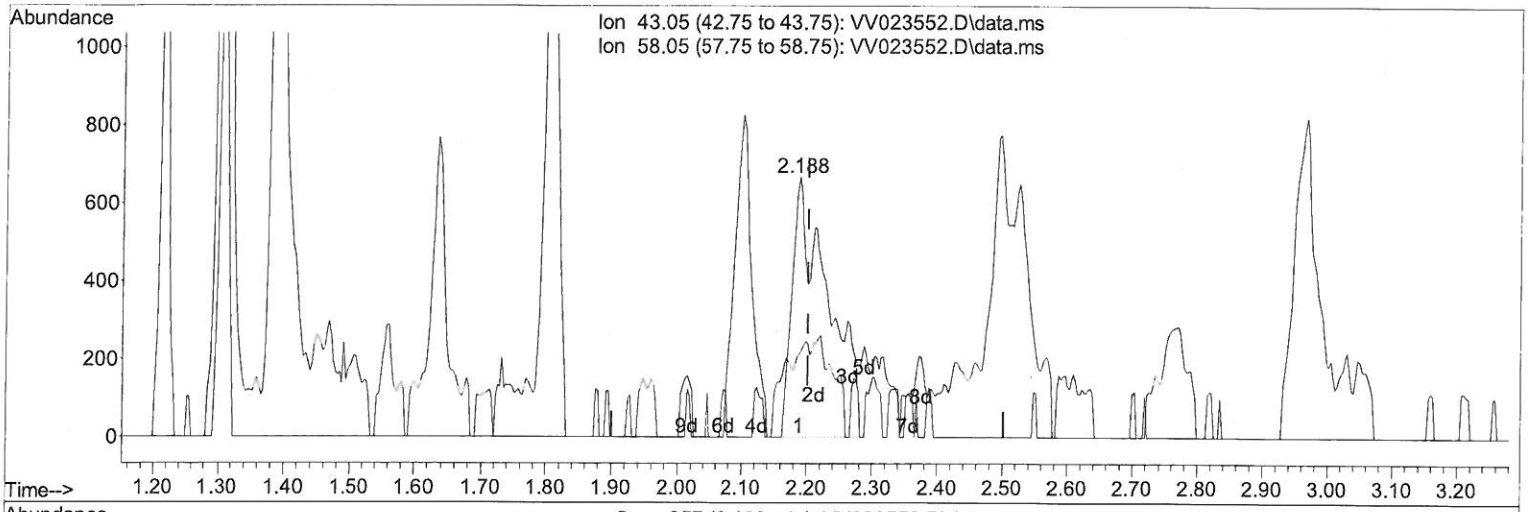

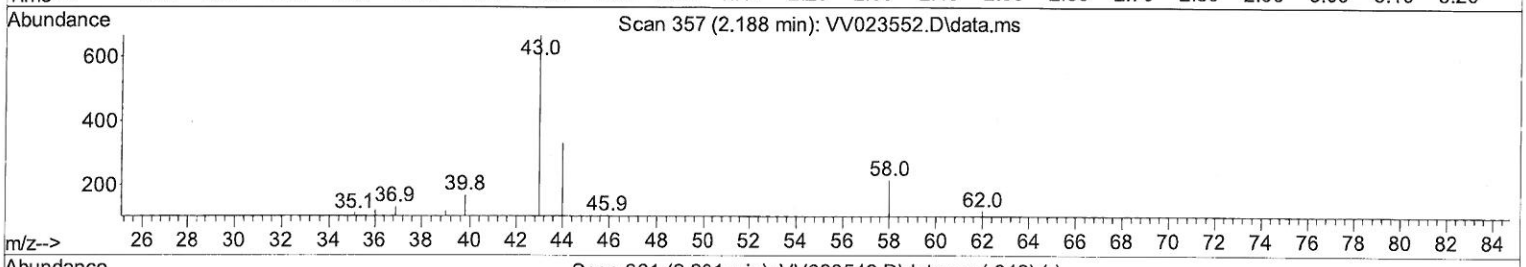

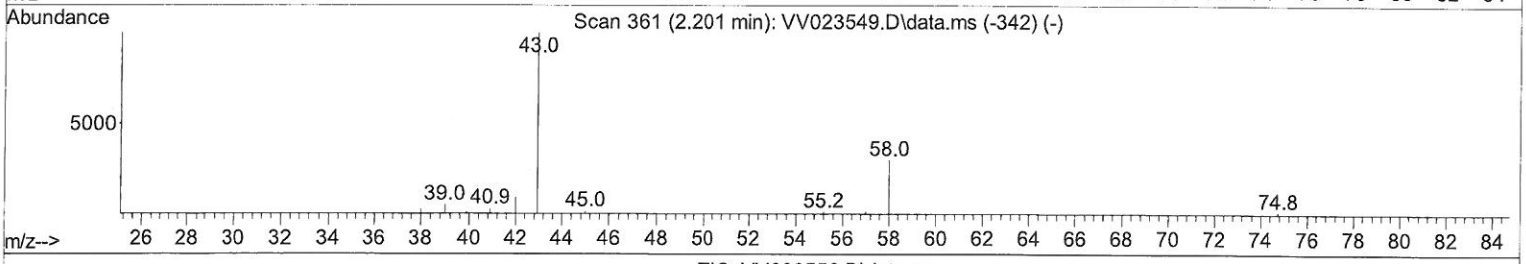

TIC: VV023552.D\data.ms

(13) Acetone (T)

2.188min (-0.013) 3.25 ug/L m

response 2587

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	5.18
0.00	0.00	0.00
0.00	0.00	0.00

11/26/21

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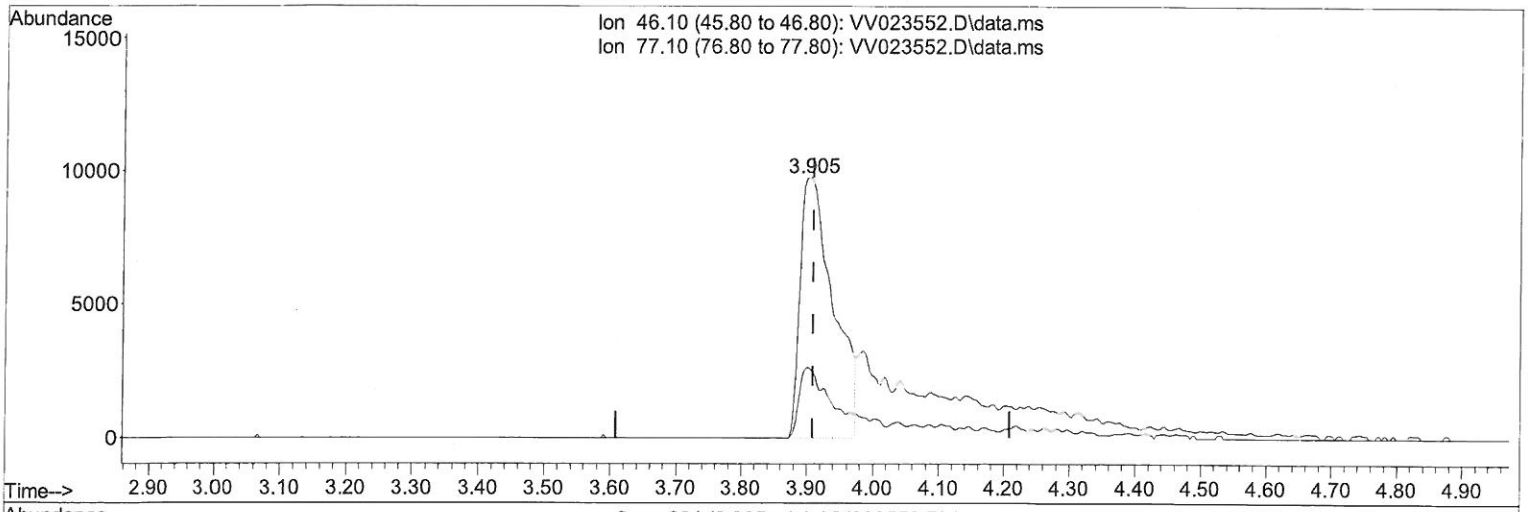

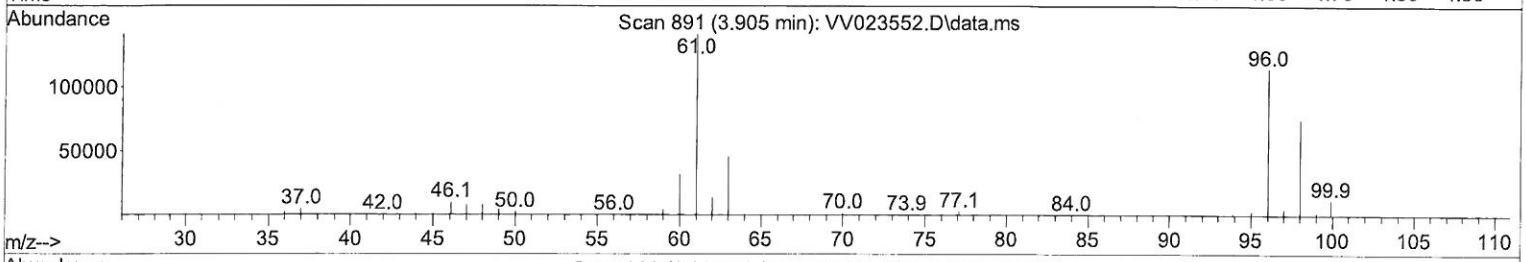

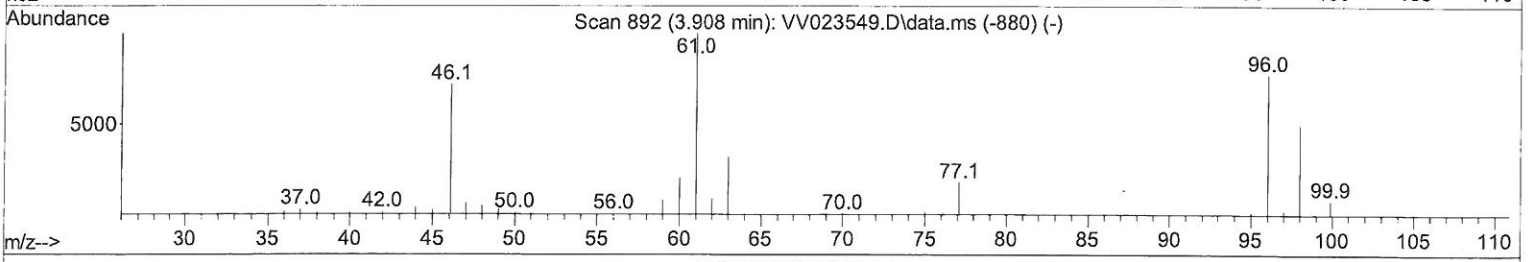

TIC: VV023552.D\data.ms

(20) 2-Butanone-d5 (S)

3.905min (-0.003) 26.26 ug/L

response 34172

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	15.16#
0.00	0.00	0.00
0.00	0.00	0.00

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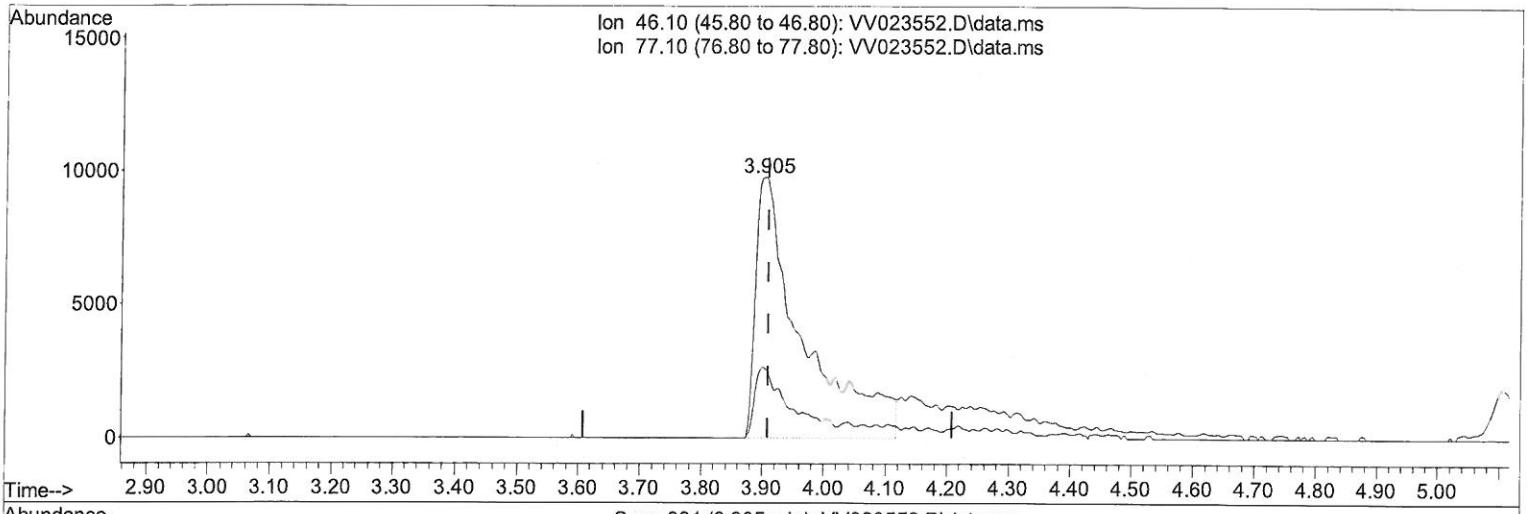

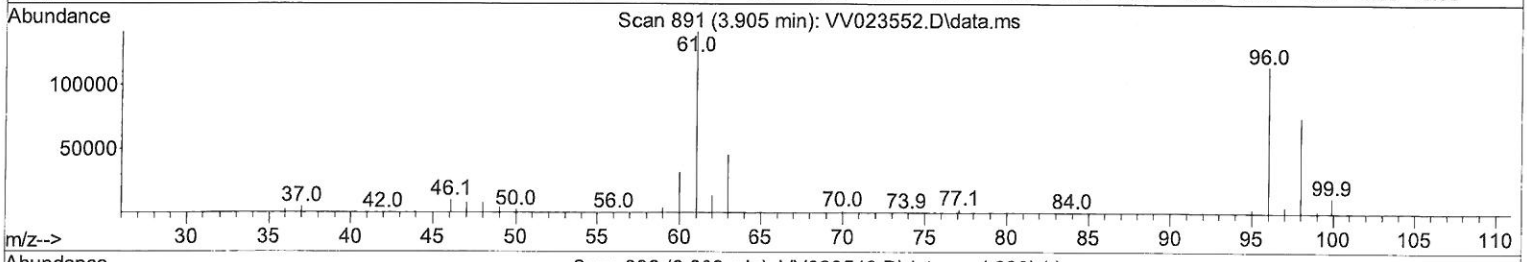

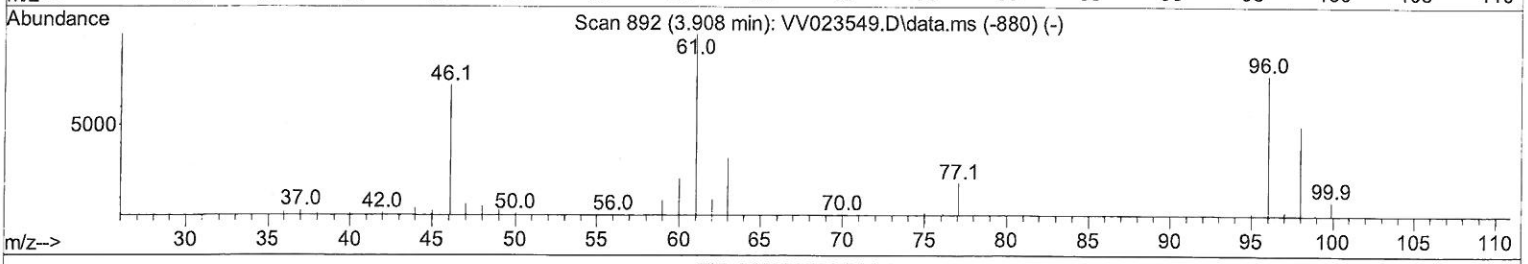

TIC: VV023552.D\data.ms

(20) 2-Butanone-d5 (S)

3.905min (-0.003) 39.47 ug/L m

response 51368

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	10.09#
0.00	0.00	0.00
0.00	0.00	0.00

md 11/26/21

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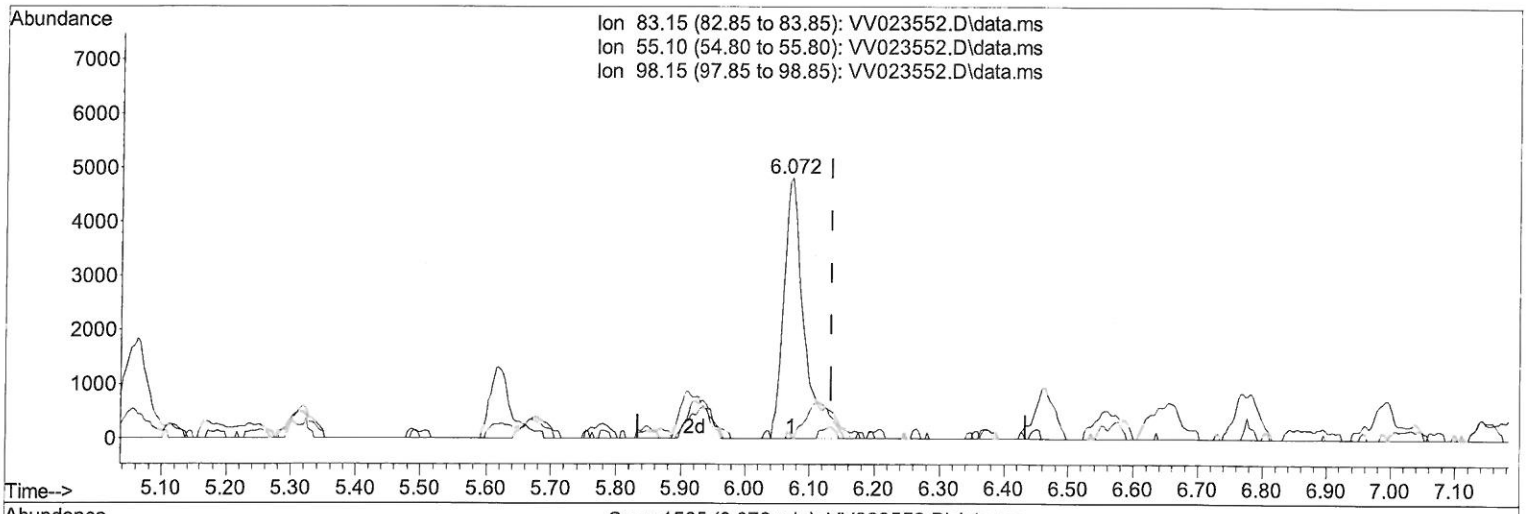

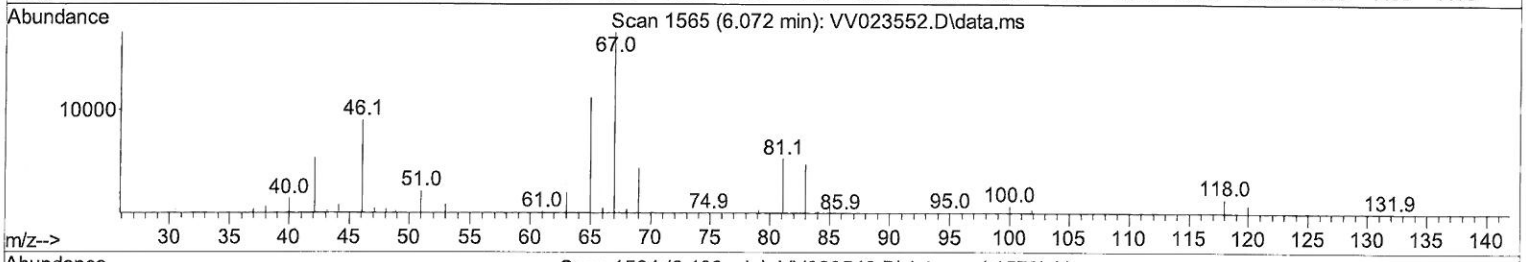

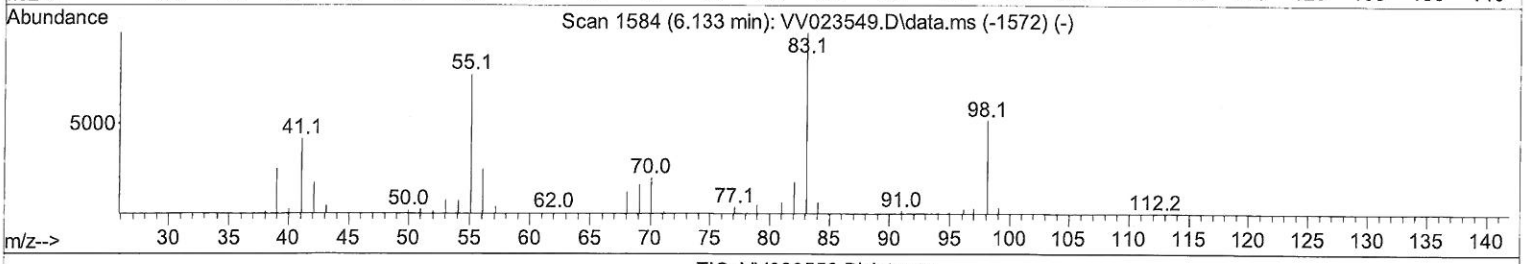

TIC: VV023552.D\data.ms

(35) Methylcyclohexane (T)

6.072min (-0.061) 0.77 ug/L

response 10882

Ion	Exp%	Act%
83.15	100.00	100.00
55.10	78.50	10.56#
98.15	47.40	2.92#
0.00	0.00	0.00

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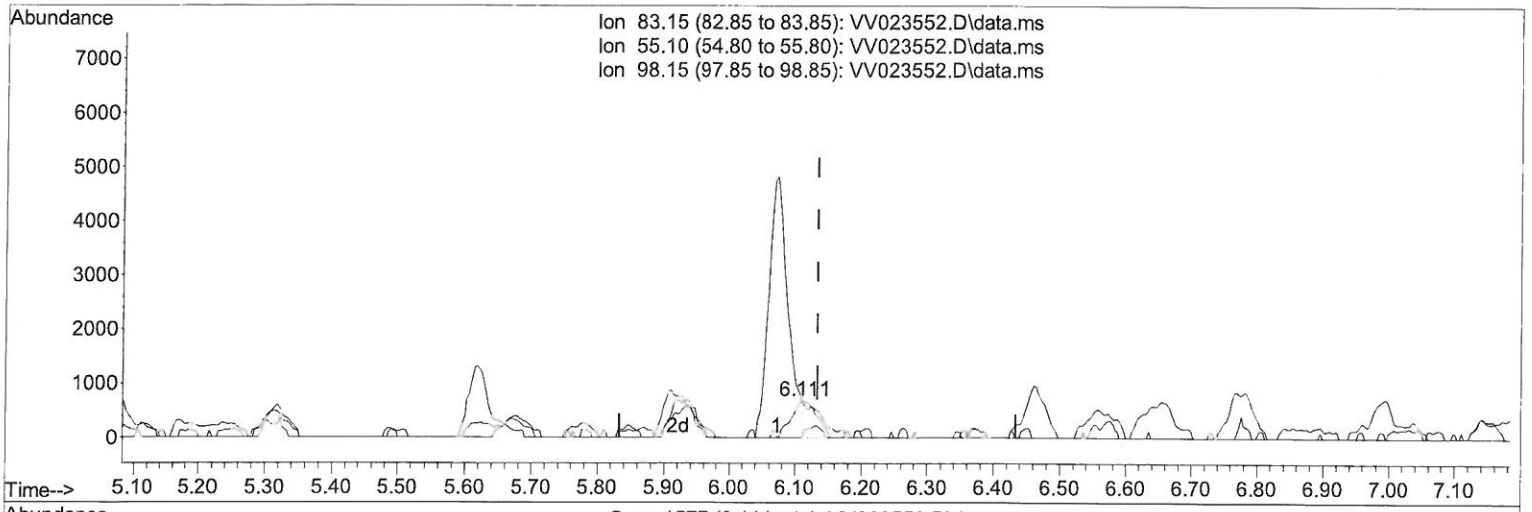

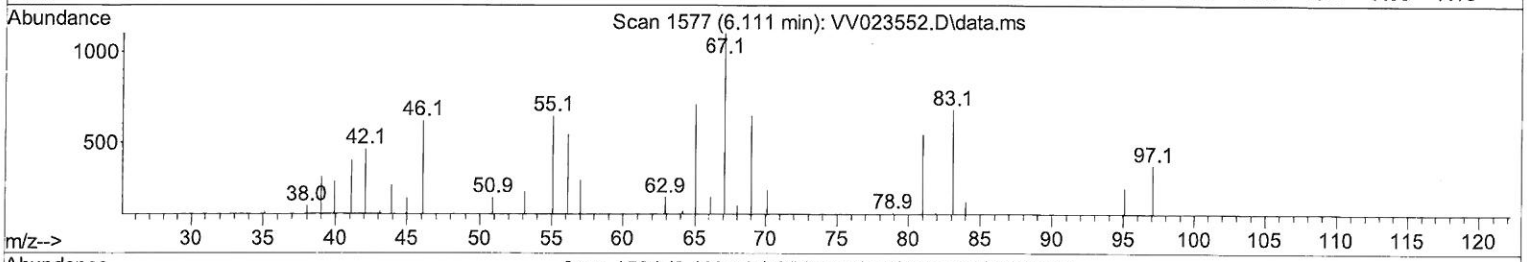

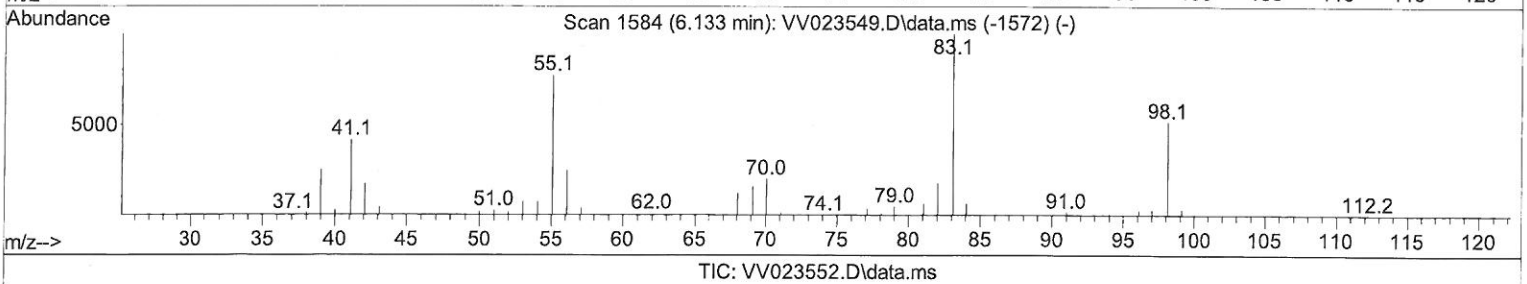

TIC: VV023552.D\data.ms

(35) Methylcyclohexane (T)

6.111min (-0.023) 0.09 ug/L m

response 1295

Ion	Exp%	Act%
83.15	100.00	100.00
55.10	78.50	88.73
98.15	47.40	24.56#
0.00	0.00	0.00

SMD 11/26/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31066	4.112	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.200%			
7) Chloroethane-d5	1.568	69	23903	3.882	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.600%			
11) 1,1-Dichloroethene-d2	2.108	63	45592	3.224	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.400%			
20) 2-Butanone-d5	3.905	46	51368m	39.469	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.940%			
24) Chloroform-d	4.352	84	57853	3.594	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.800%			
26) 1,2-Dichloroethane-d4	5.037	65	28507	3.938	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.800%			
32) Benzene-d6	5.050	84	117123	3.797	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.000%			
36) 1,2-Dichloropropane-d6	6.072	67	36706	4.043	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.800%			
41) Toluene-d8	7.317	98	104013	3.598	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.000%			
43) trans-1,3-Dichloroprop...	7.628	79	12567	3.650	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.000%			
46) 2-Hexanone-d5	8.091	63	45161	35.651	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.300%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25390	3.888	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	42752	4.589	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.800%			

Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	581093	58.200	ug/L	98
12) 1,1-Dichloroethene	2.117	96	14546	2.023	ug/L #	69
13) Acetone	2.188	43	2587m	3.253	ug/L	
14) Carbon disulfide	2.297	76	2348	0.087	ug/L #	74
18) trans-1,2-Dichloroethene	2.760	96	118542	13.410	ug/L	95
19) 1,1-Dichloroethane	3.191	63	9505	0.637	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	297431	34.962	ug/L #	92
25) Chloroform	4.378	83	6280	0.395	ug/L	96
30) Cyclohexane	4.670	56	1720	0.131	ug/L #	92
33) Benzene	5.104	78	19284	0.574	ug/L	100
34) Trichloroethene	5.915	95	42334	4.738	ug/L	94
35) Methylcyclohexane	6.111	83	1295m	0.092	ug/L	
42) Toluene	7.394	91	13348	0.371	ug/L	92
52) Ethylbenzene	9.017	91	4249	0.112	ug/L	96
53) m,p-xylene	9.149	106	2352	0.158	ug/L	92

MD 11/26/21

MD 11/26/21

MD 11/26/21

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