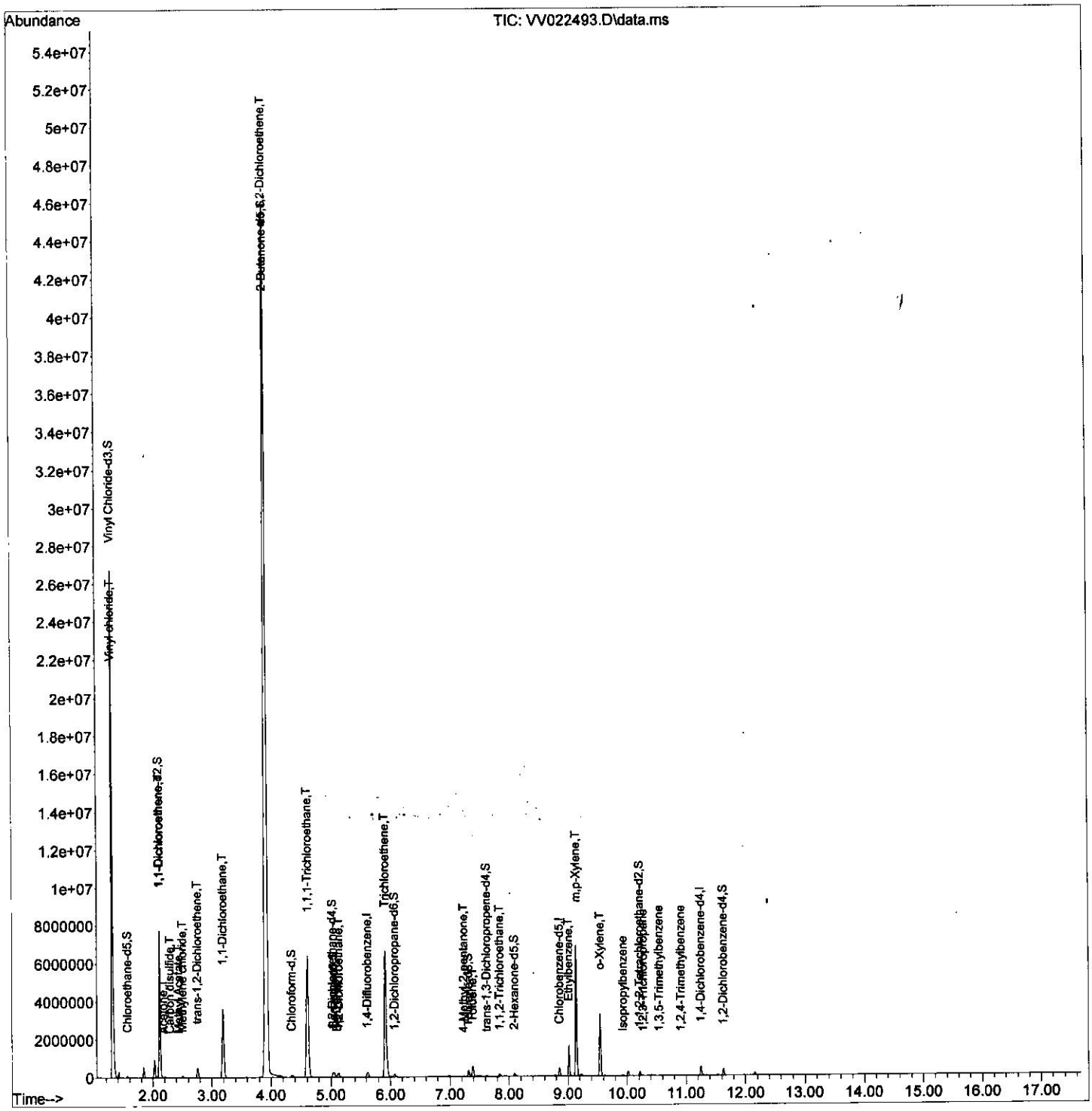
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022493.D
Acq On : 02 Oct 2021 03:39
Operator : SY/MD
Sample : M4023-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 02 05:40:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 02 01:27:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AH6

Manual Integrations APPROVED
MMDadoda
10/6/2021 2:24:41 PM



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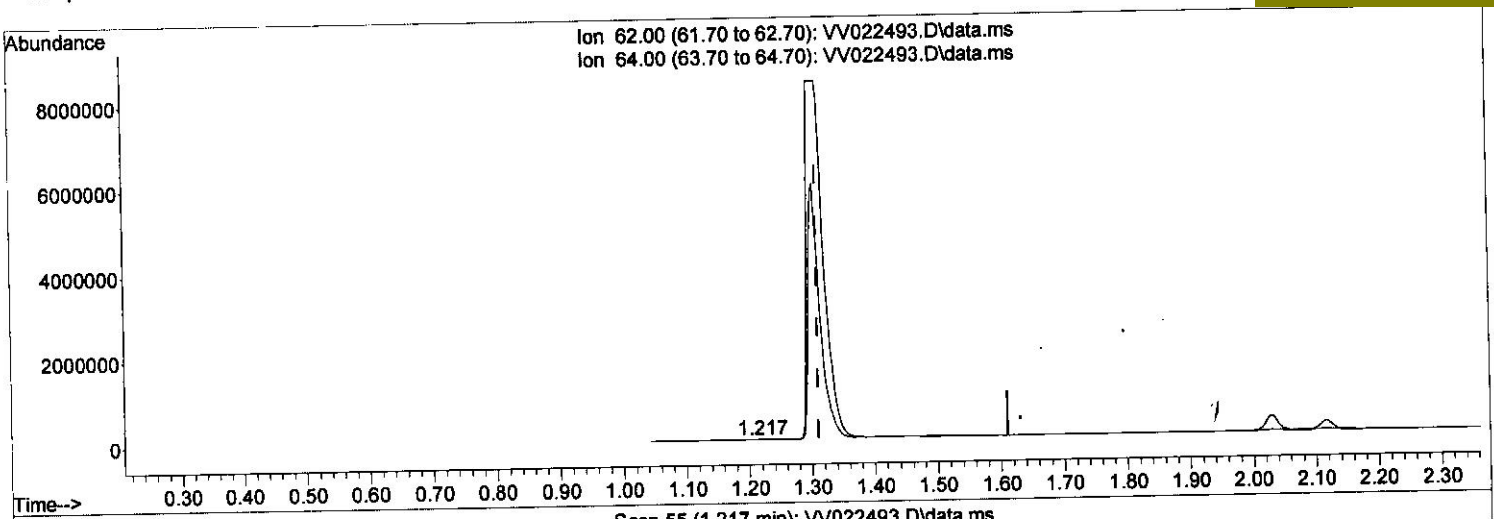

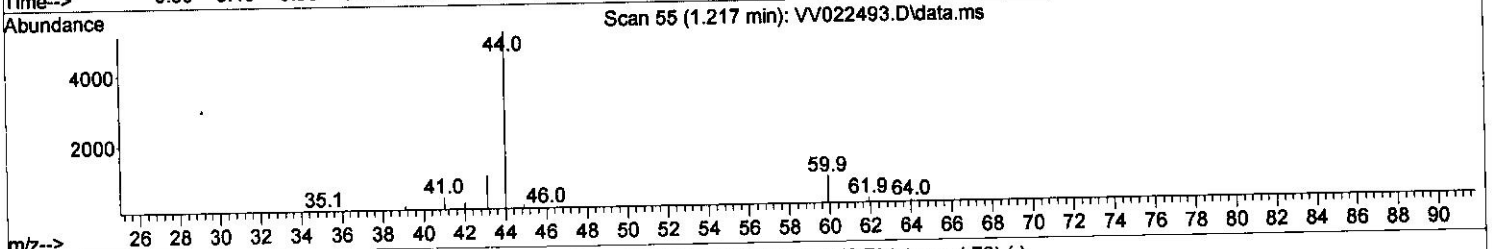

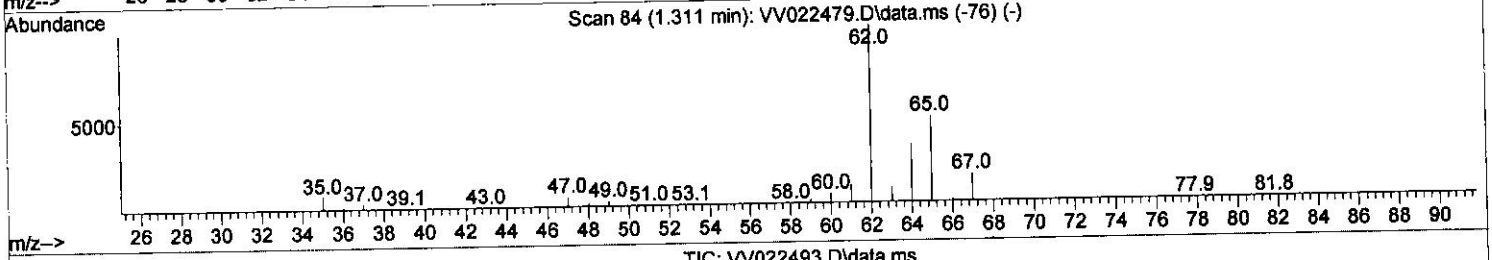

TIC: VV022493.D\data.ms

(5) Vinyl chloride (T)

1.217min (-0.093) 0.09 ug/L

response 205

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	32.20	68.80#
0.00	0.00	0.00
0.00	0.00	0.00

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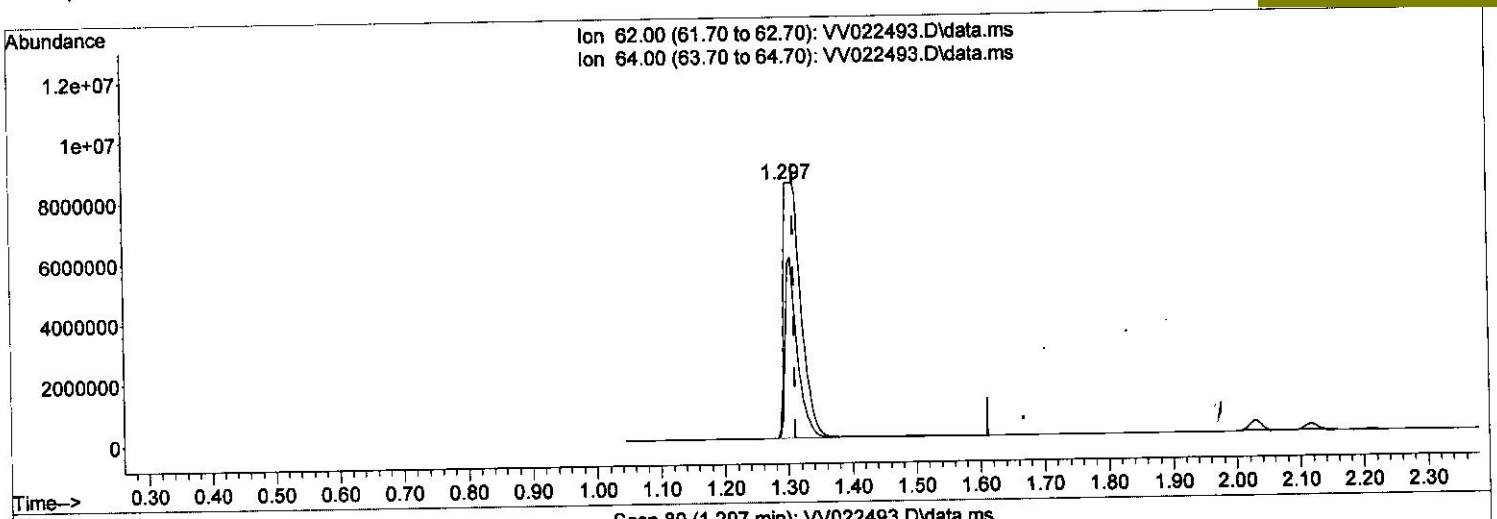

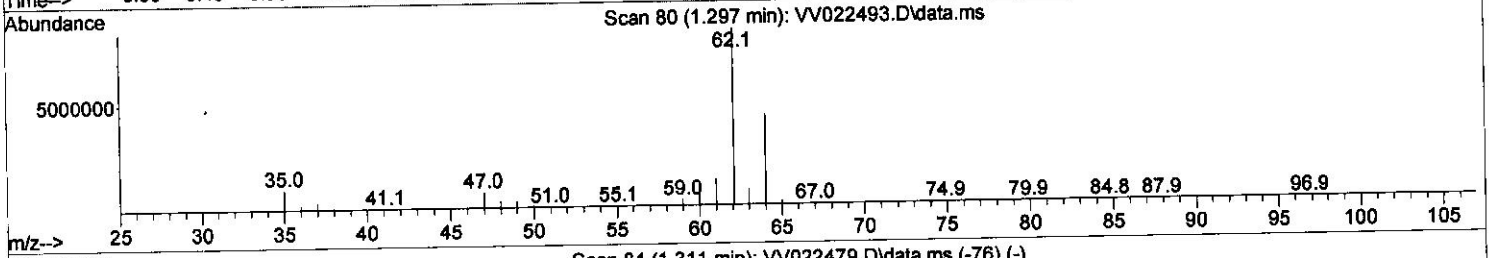

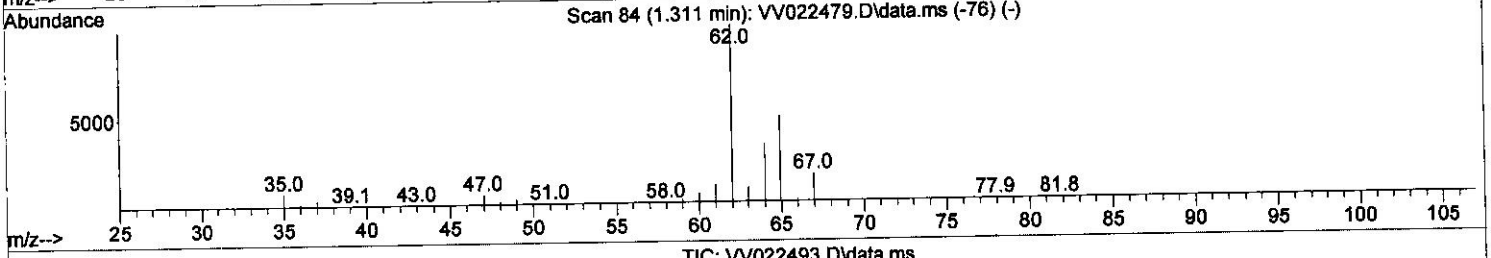

TIC: VV022493.D\data.ms

(5) Vinyl chloride (T)

1.297min (-0.013) 6650.61 ug/L m } MD 10/20/21

response 15786966

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	32.20	50.75#
0.00	0.00	0.00
0.00	0.00	0.00

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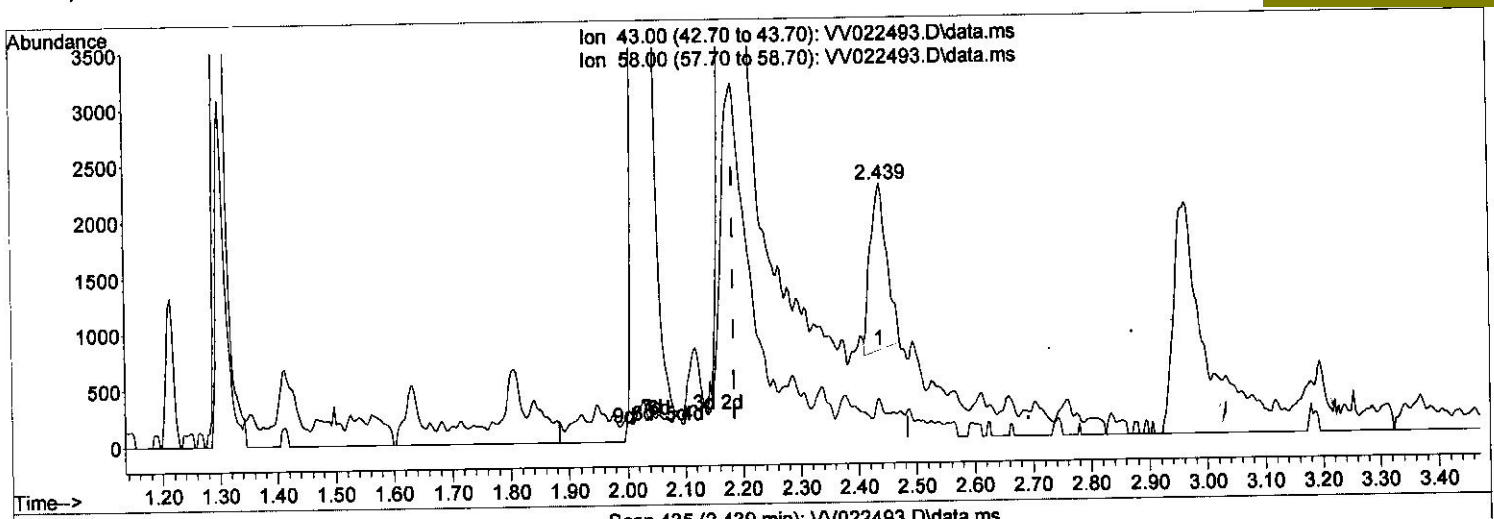

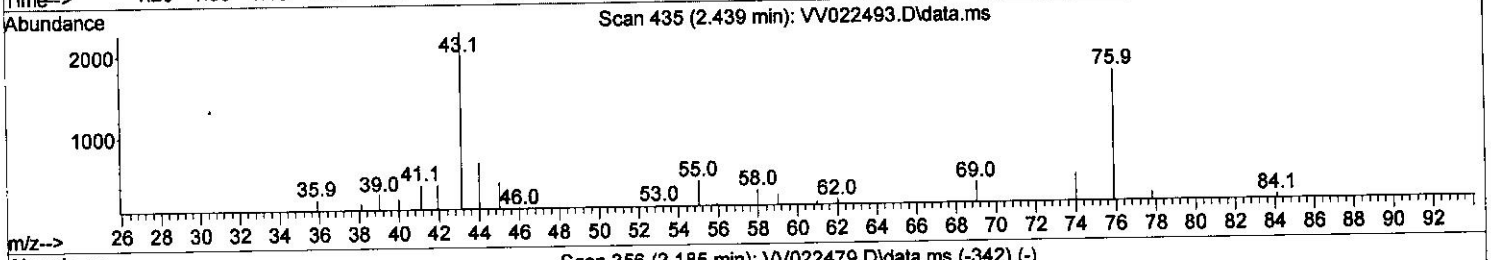

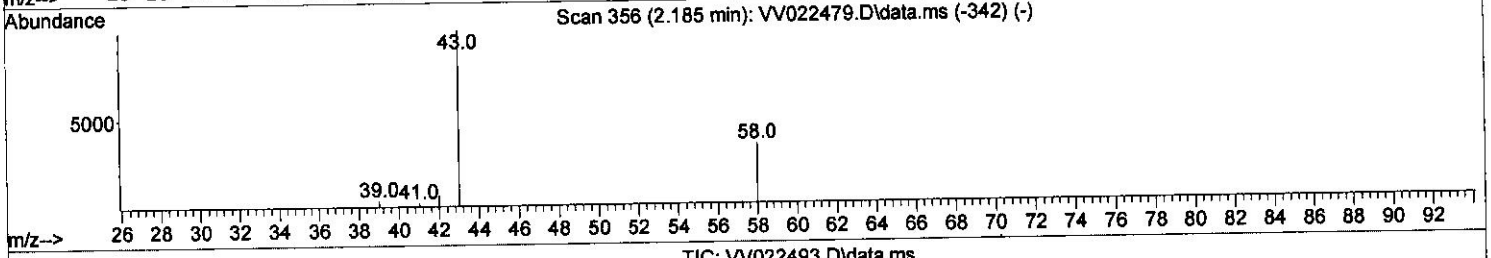

TIC: VV022493.D\data.ms

(13) Acetone (T)

2.439min (+ 0.254) 2.71 ug/L

response 2938

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	4.66
0.00	0.00	0.00
0.00	0.00	0.00

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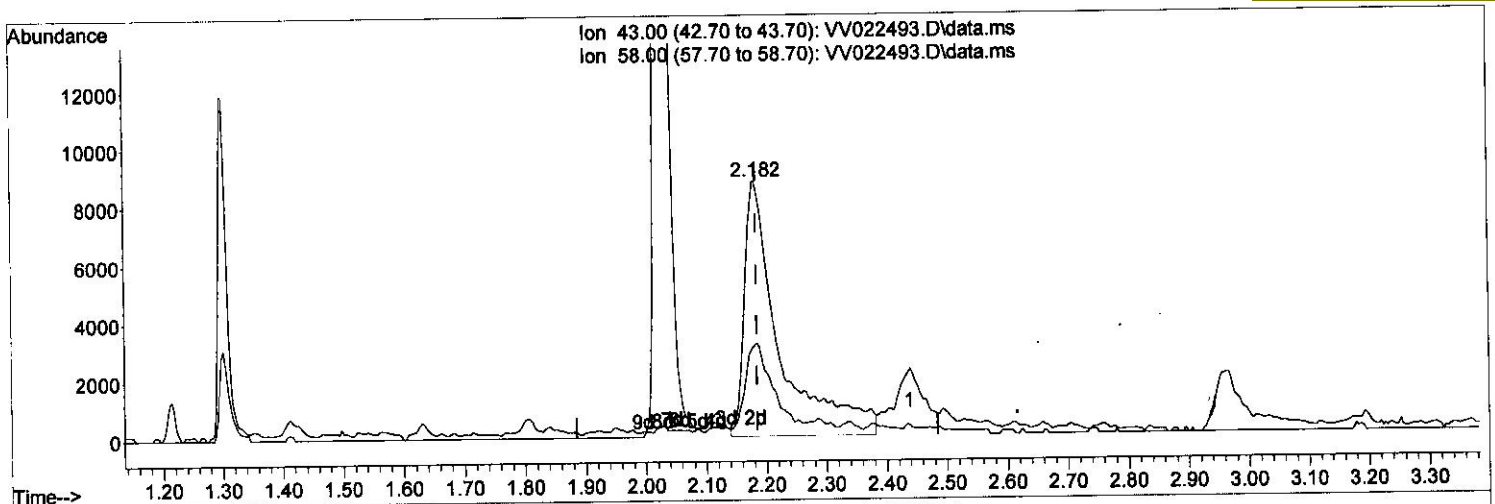

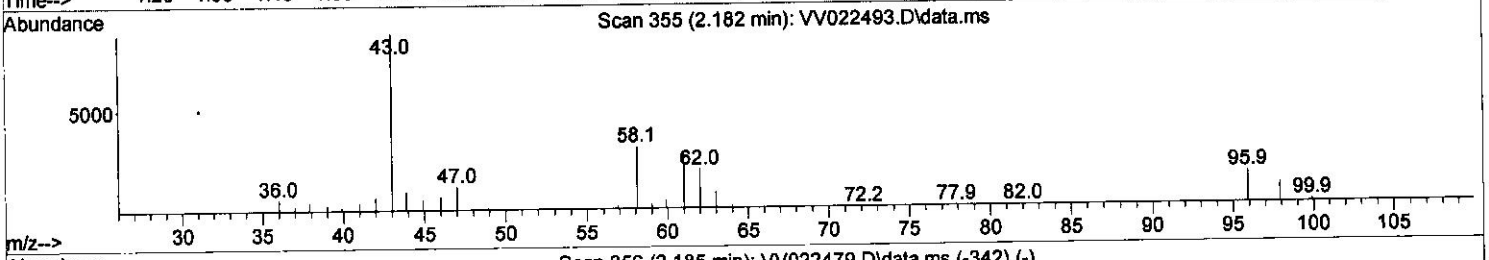

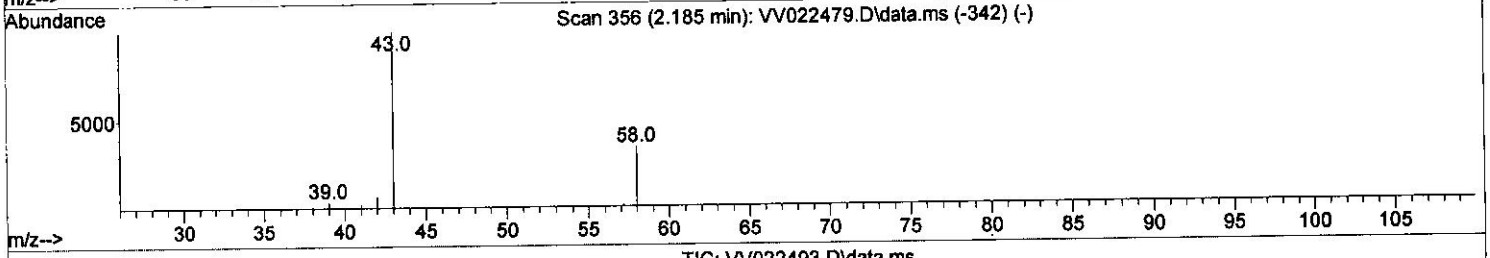

TIC: VV022493.D\data.ms

(13) Acetone (T)

2.182min (-0.003) 32.80 ug/L m MD 10/26/21

response 35518

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	0.39
0.00	0.00	0.00
0.00	0.00	0.00

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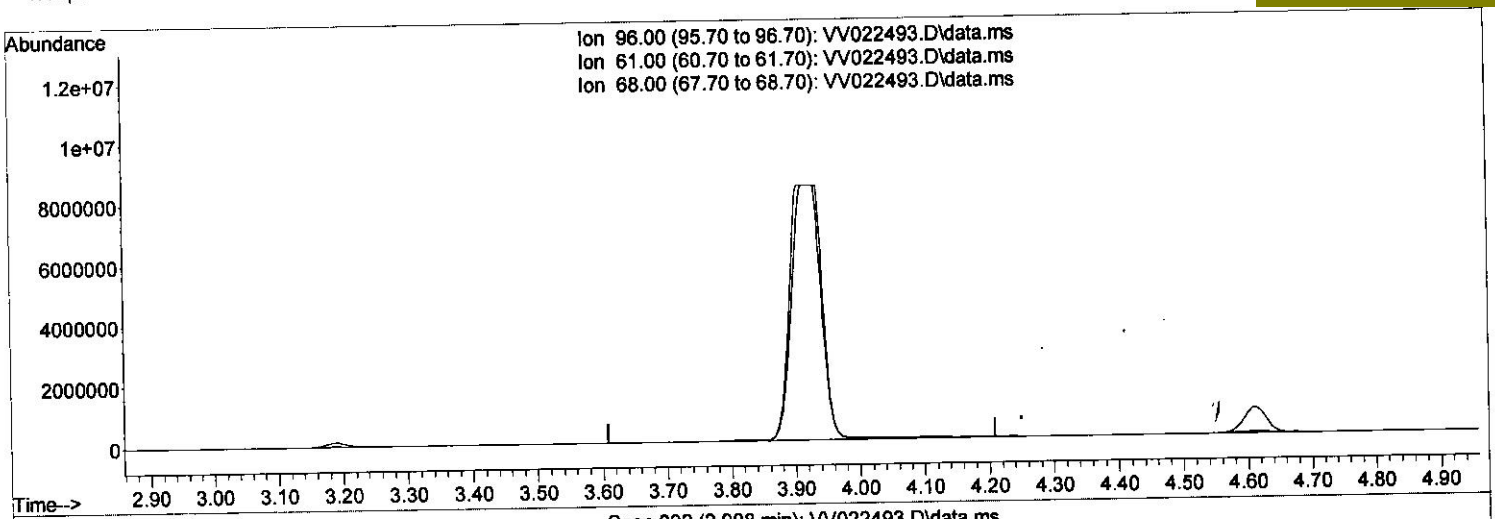

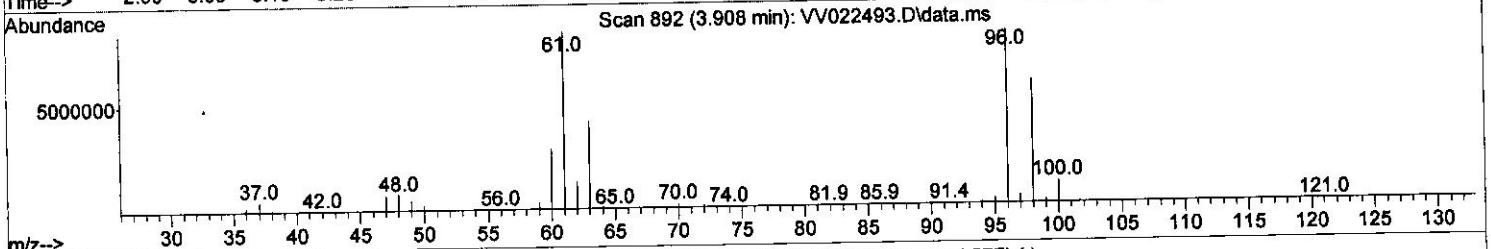

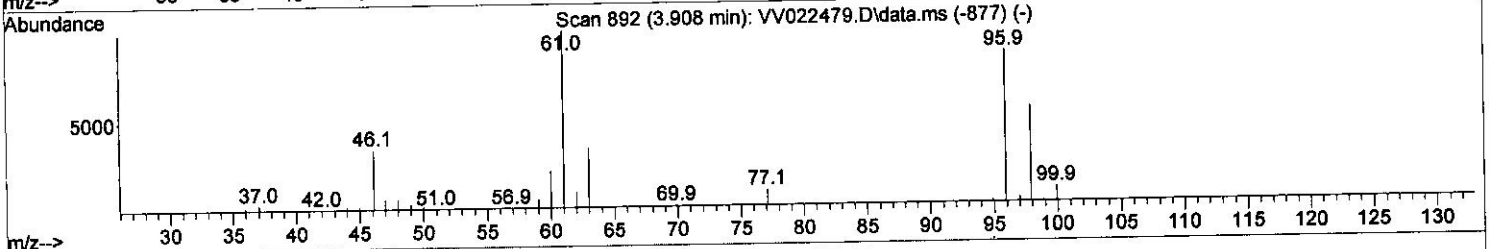

TIC: VV022493.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.908min (-3.908) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.00	117.00	0.00#
68.00	0.00	0.00
0.00	0.00	0.00

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MMDadoda
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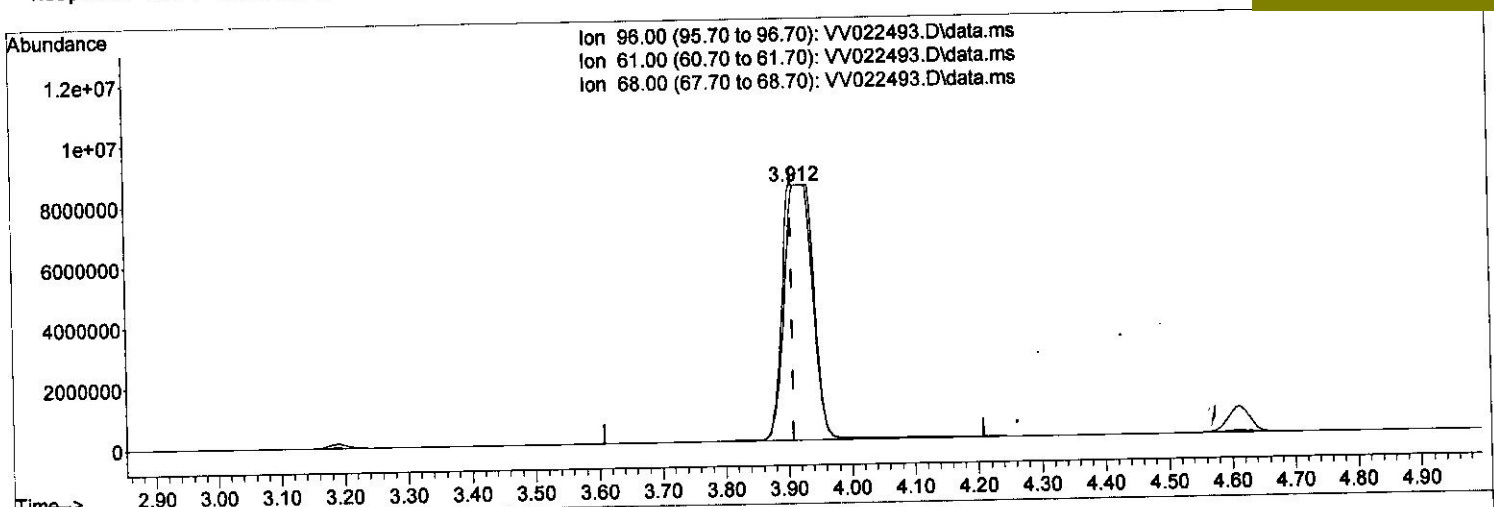

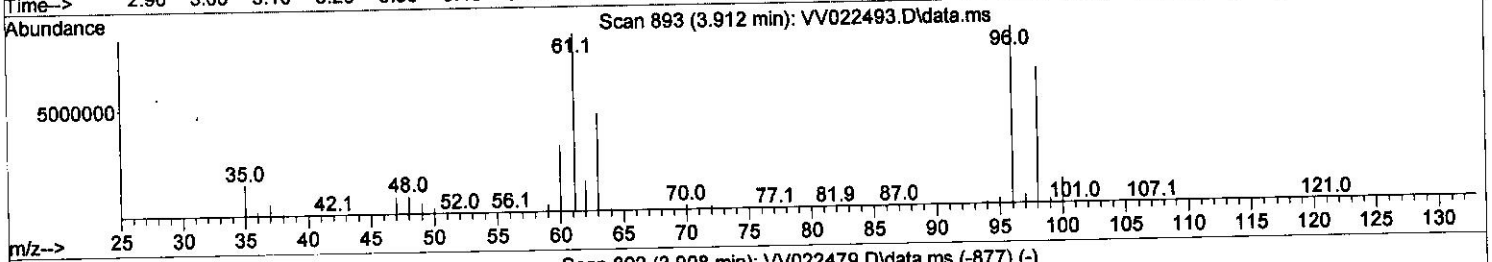

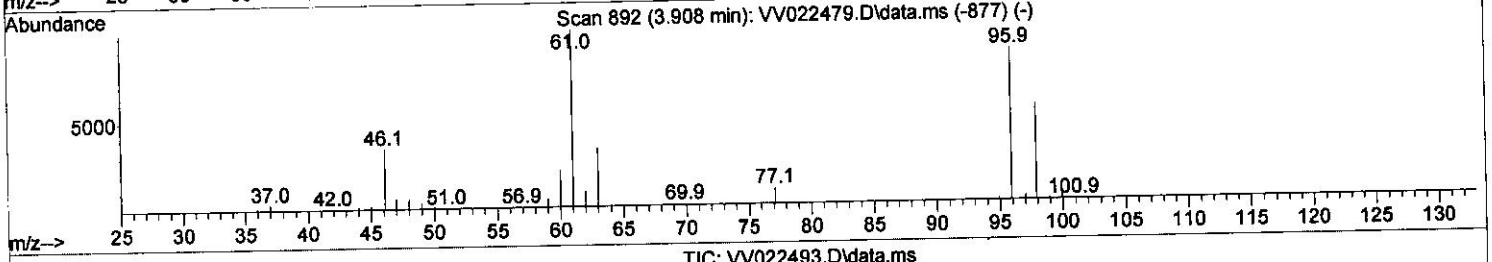

TIC: VV022493.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.912min (+ 0.003) 12593.32 ug/L m MD 10/2/21

response 25905956

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	117.00	100.00
68.00	0.00	0.00
0.00	0.00	0.00

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10/6/2021 2:24:41 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	251815	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	250172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	127905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	256048	164.410	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 328.820%#			
7) Chloroethane-d5	1.564	69	57718	47.148	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.300%			
11) 1,1-Dichloroethene-d2	2.114	63	1345373	438.119	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 876.240%#			
21) 2-Butanone-d5	3.918	46	83334	97.210	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.210%			
24) Chloroform-d	4.349	84	125119	43.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.940%			
26) 1,2-Dichloroethane-d4	5.034	65	75088	45.492	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.980%			
32) Benzene-d6	5.050	84	251821	43.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.900%			
36) 1,2-Dichloropropane-d6	6.072	67	78725	44.124	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.240%			
41) Toluene-d8	7.317	98	231667	43.577	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.160%			
43) trans-1,3-Dichloroprop...	7.622	79	35853	42.472	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.940%			
47) 2-Hexanone-d5	8.091	63	67126	90.820	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.820%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	108157	43.594	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.180%			
66) 1,2-Dichlorobenzene-d4	11.625	152	94028	45.080	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.160%			
Target Compounds						Qvalue
5) Vinyl chloride	1.297	62	15786966m	5650.608	ug/L	
12) 1,1-Dichloroethene	2.117	96	2311480	1314.076	ug/L #	72
13) Acetone	2.182	43	35518m	32.799	ug/L	
14) Carbon disulfide	2.297	76	4124	0.776	ug/L	100
15) Methyl Acetate	2.439	43	3844	1.946	ug/L #	82
16) Methylene chloride	2.506	84	47279	21.393	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	205869	106.616	ug/L	98
19) 1,1-Dichloroethane	3.188	63	3633515	1063.476	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	25905956m	12593.322	ug/L	
27) 1,2-Dichloroethane	5.133	62	66516	26.718	ug/L	97
30) 1,1,1-Trichloroethane	4.612	97	5086718	1627.687	ug/L	99
33) Benzene	5.104	78	20872	2.702	ug/L	100
34) Trichloroethene	5.915	95	2220578	1101.008	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	10533	3.790	ug/L #	87
42) Toluene	7.387	91	416845	51.229	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	42331	20.677	ug/L	97
52) Ethylbenzene	9.014	91	1119277	132.168	ug/L	100
53) m,p-Xylene	9.140	106	1895740	565.011	ug/L	100

MO 10/26/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) o-Xylene	9.545	106	865291	264.703 ug/L	98
60) Isopropylbenzene	9.934	105	31289	3.845 ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	4471	1.838 ug/L	93
62) 1,3,5-Trimethylbenzene	10.541	105	7863	1.148 ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	15877	2.331 ug/L	96

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