Quantitation Report (QT Reviewed)

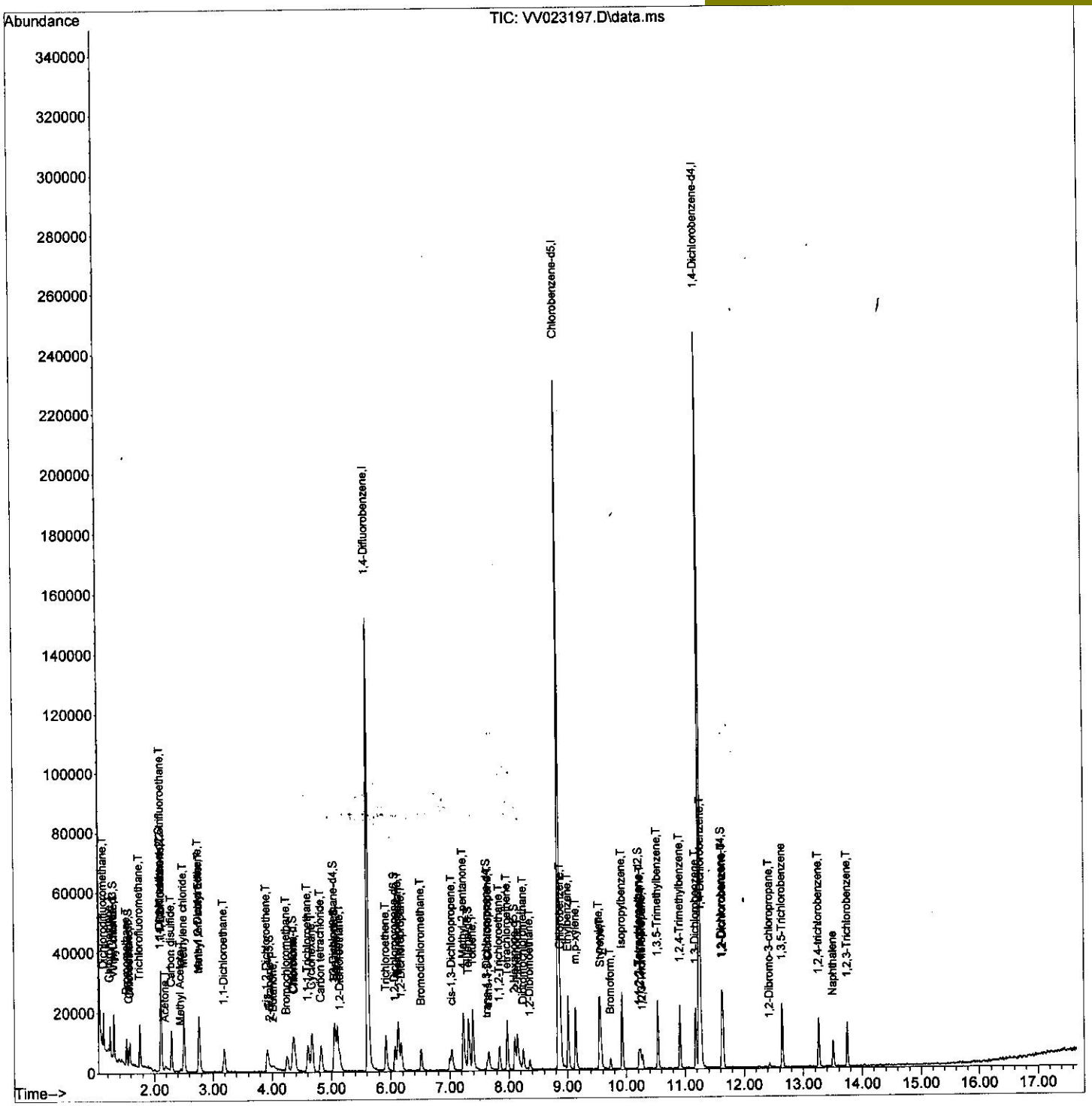
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023197.D
Acq On : 04 Nov 2021 12:24
Operator : SY/MD
Sample : VSTD0.547
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 08 12:54:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5247

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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Data File : VV023197.D
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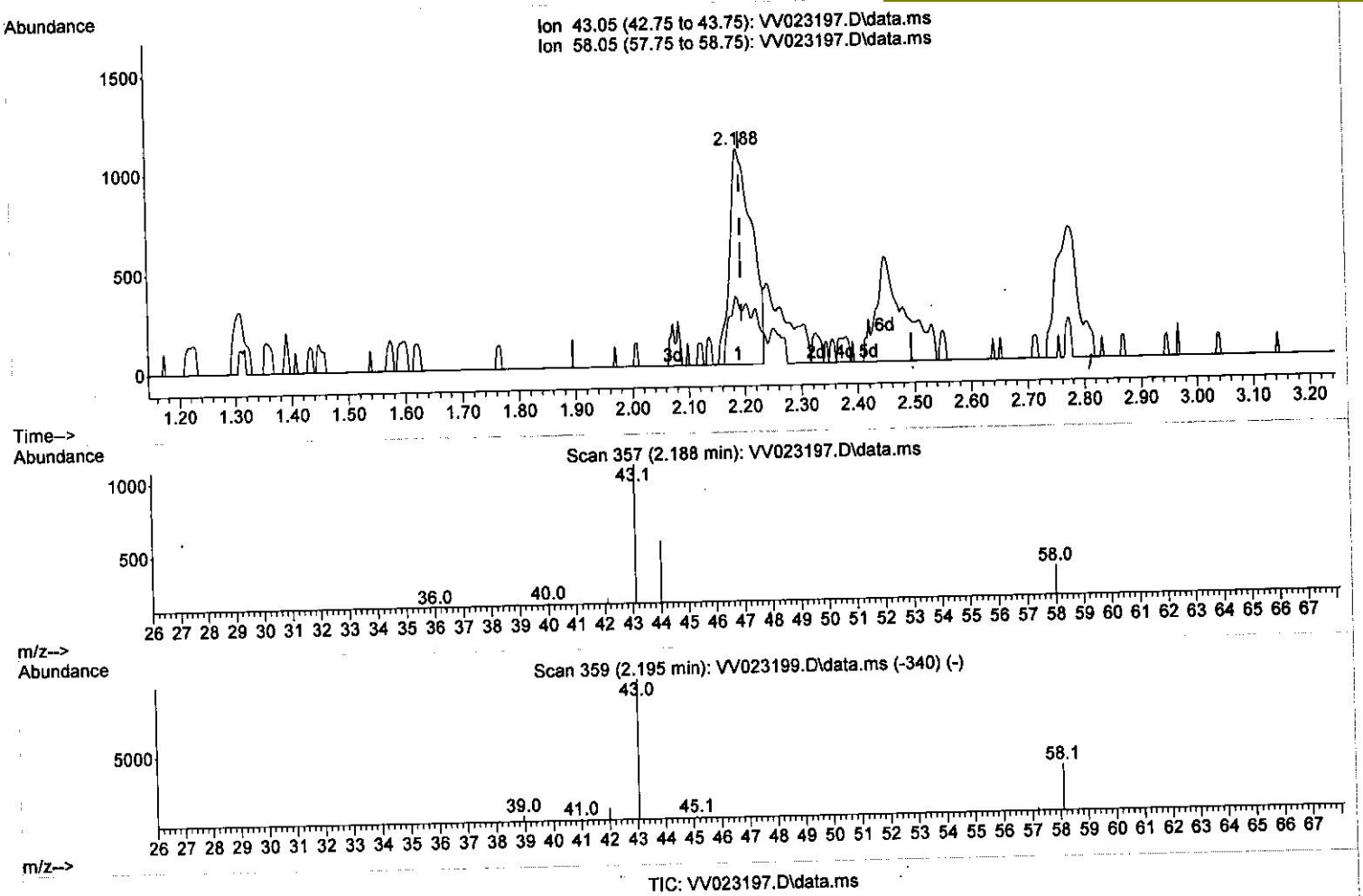

TIC: VV023197.D\data.ms

(13) Acetone (T)

2.188min (-0.006) 3.24 ug/L

response 3008

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	16.19
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
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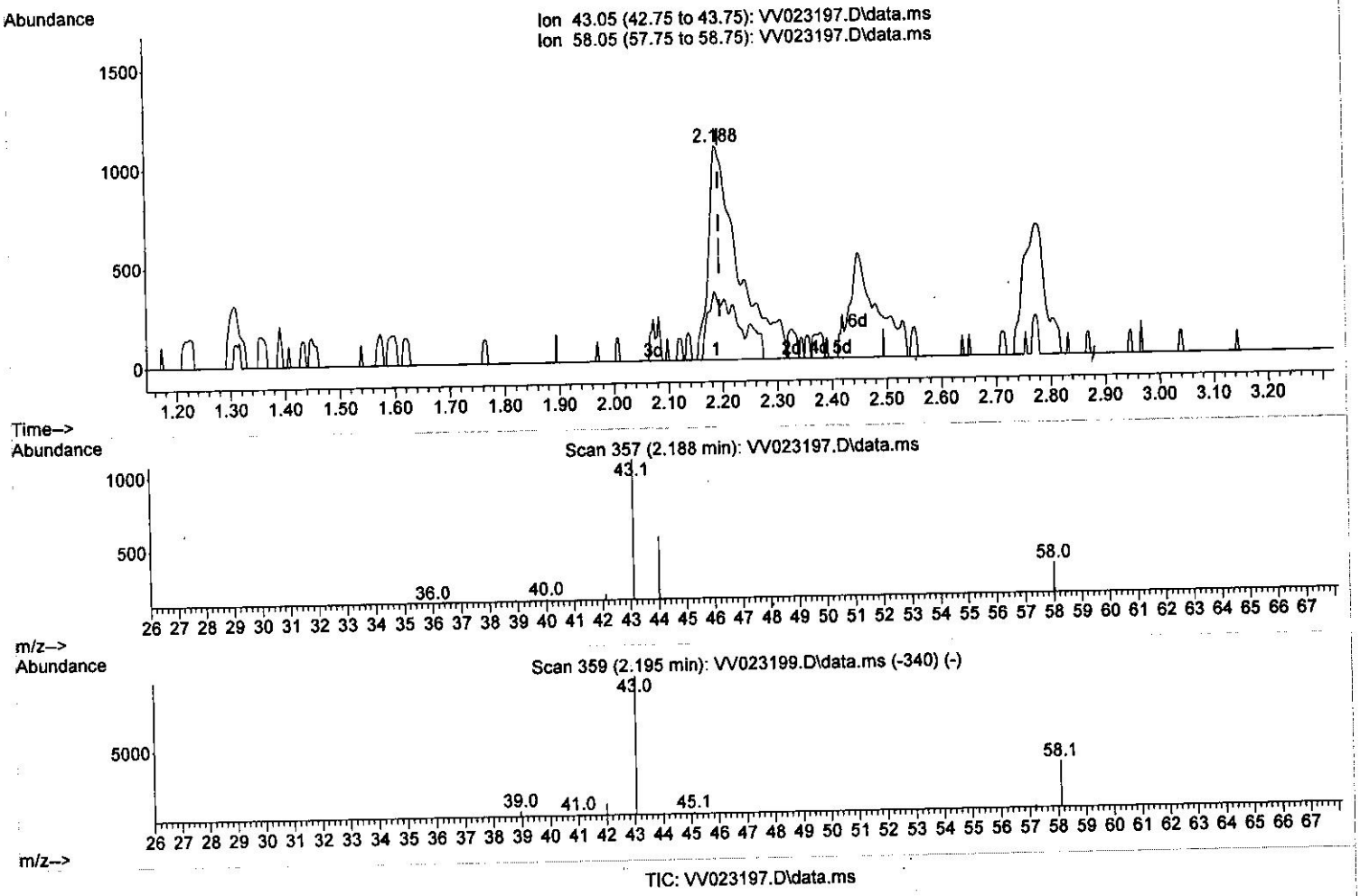

TIC: VV023197.D\data.ms

(13) Acetone (T)

2.188min (-0.006) 4.50 ug/L m 11/12/21

response 4186

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	11.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023197.D
Acq On : 04 Nov 2021 12:24
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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ClientSampleId :
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Manual IntegrationsAPPROVED

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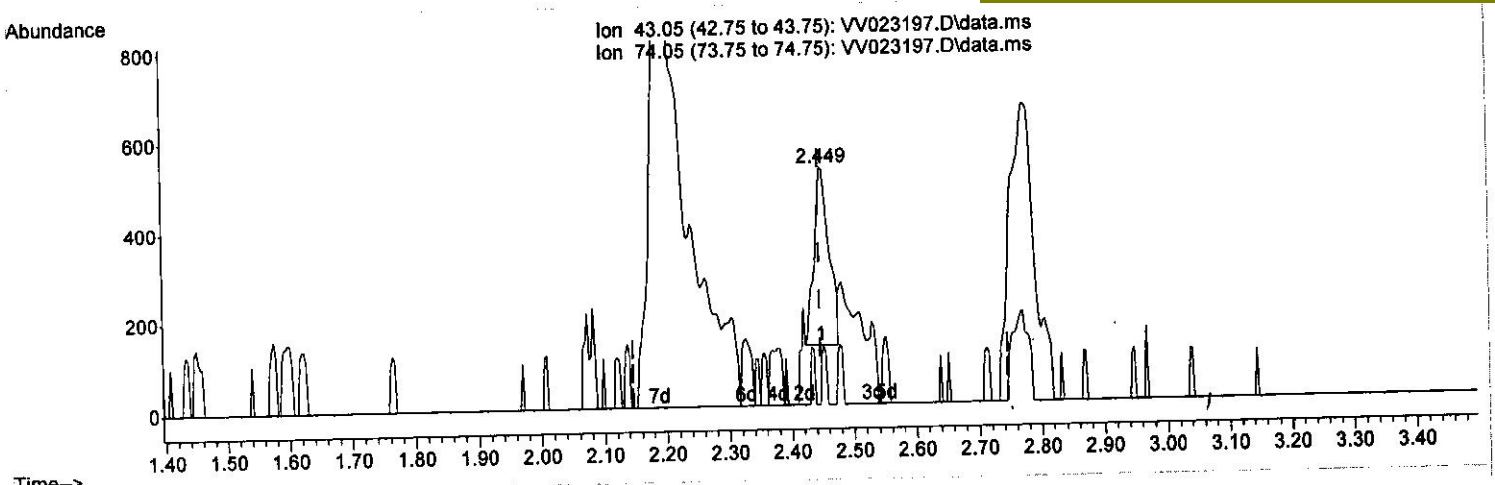

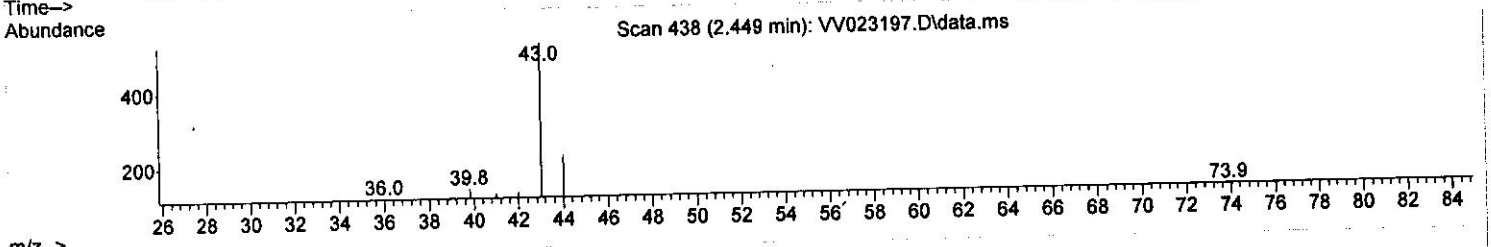

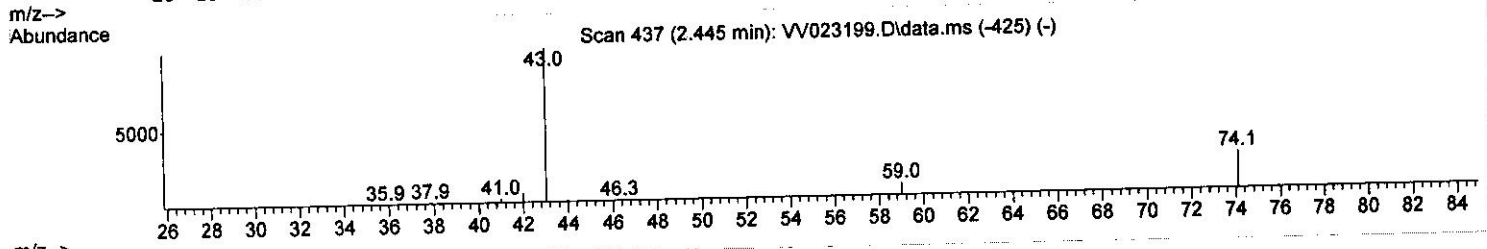

TIC: VV023197.D\data.ms

(15) Methyl Acetate (T)

2.449min (+ 0.003) 0.18 ug/L

response 654

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	10.40#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VV023197.D
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Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5247

Manual IntegrationsAPPROVED

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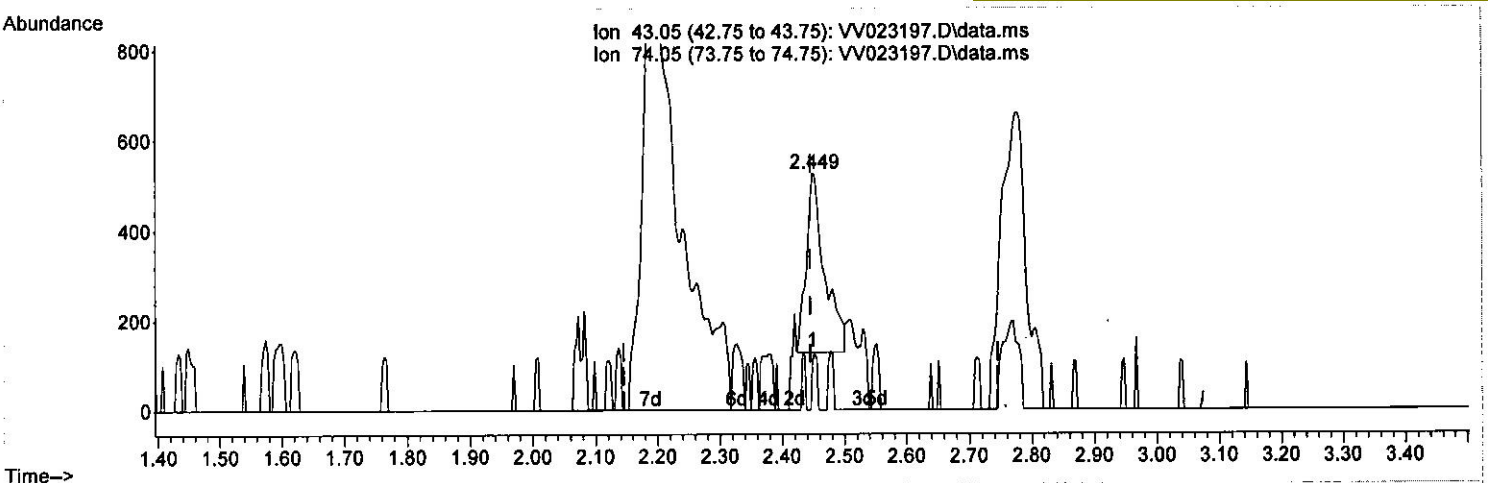

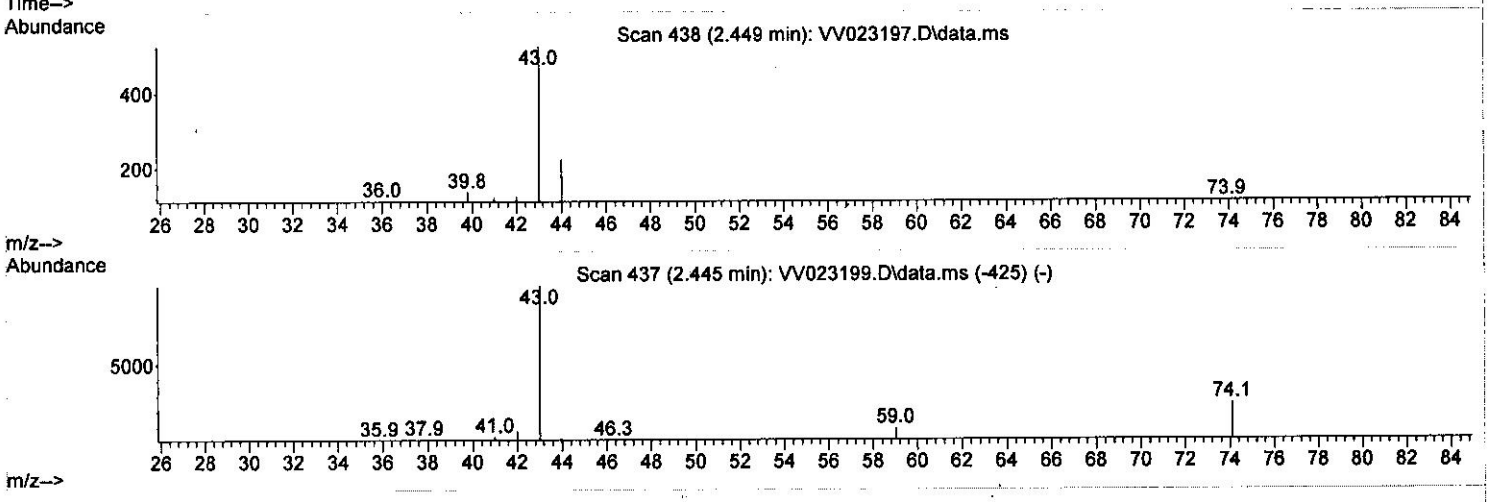

TIC: VV023197.D\data.ms

(15) Methyl Acetate (T)

2.449min (+ 0.003) 0.23 ug/L m 11/22/21

response 811

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	8.38#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
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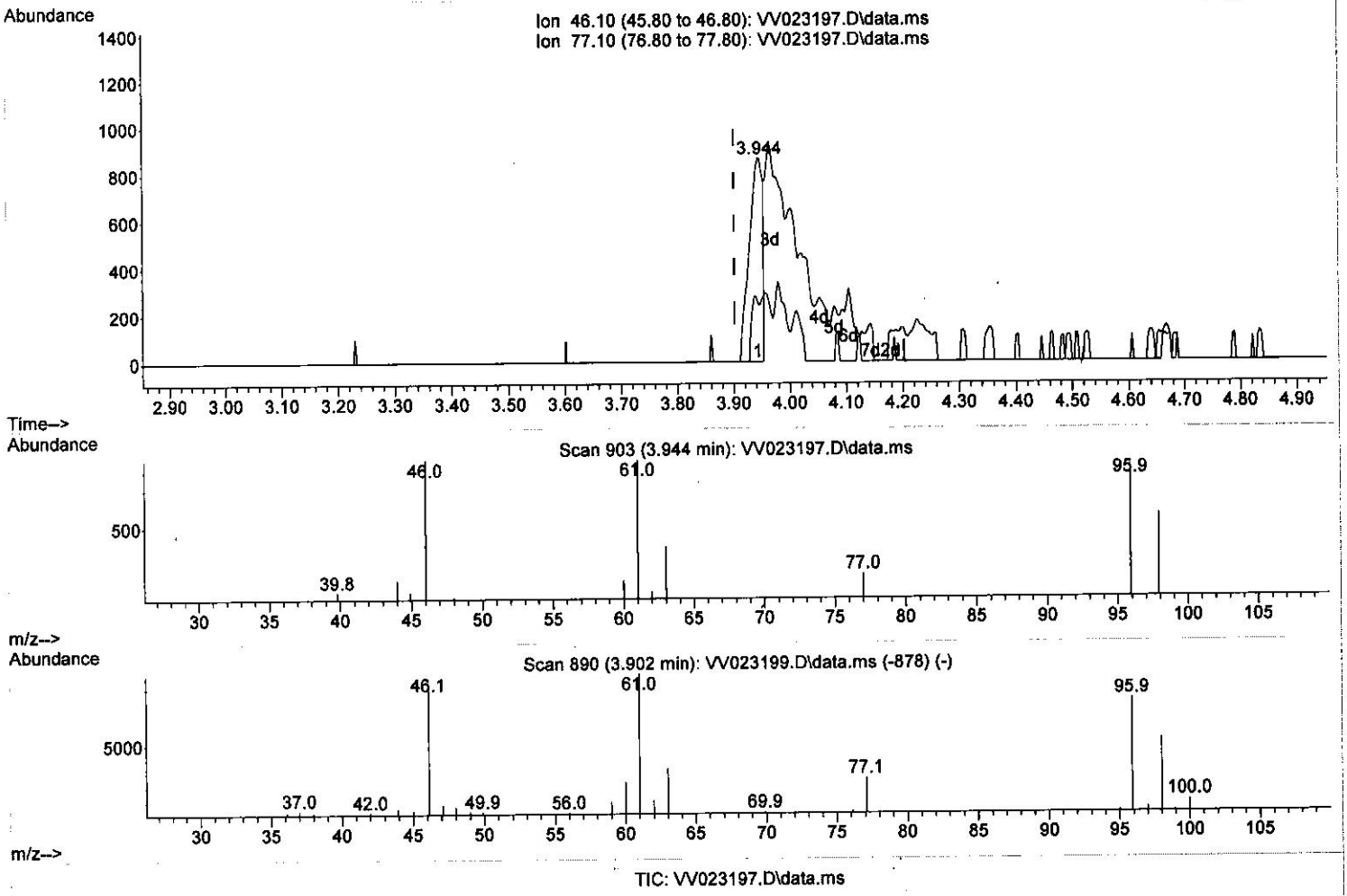

TIC: VV023197.D\data.ms

(20) 2-Butanone-d5 (S)

3.944min (+ 0.042) 0.76 ug/L

response 1433

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	19.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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ClientSampleId :
VSTD0.5247

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
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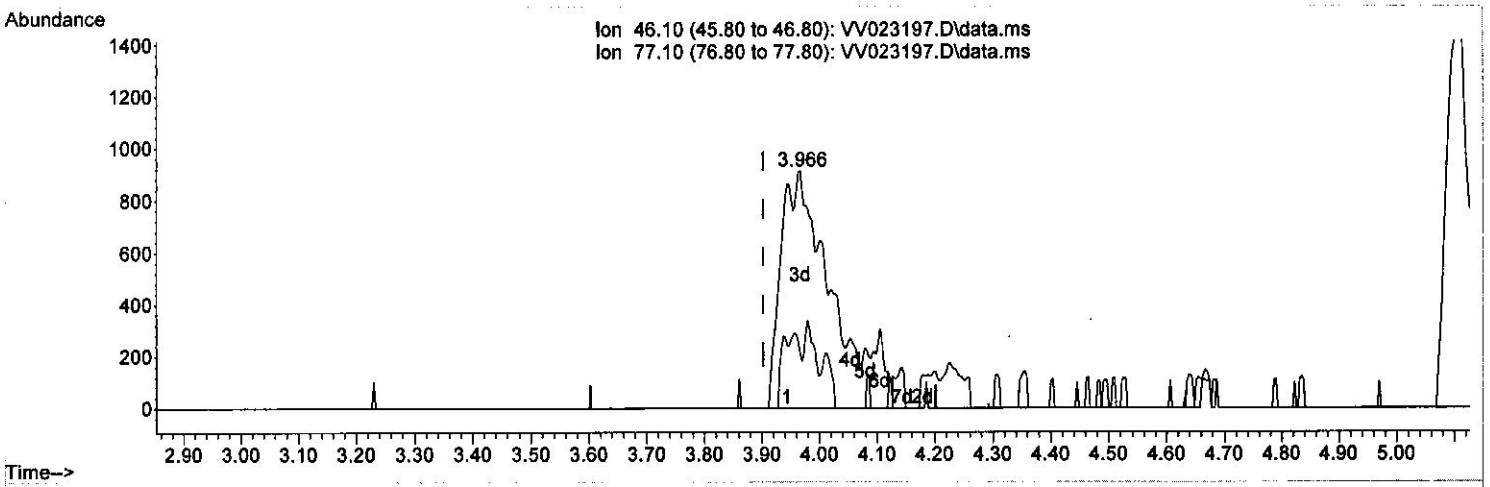

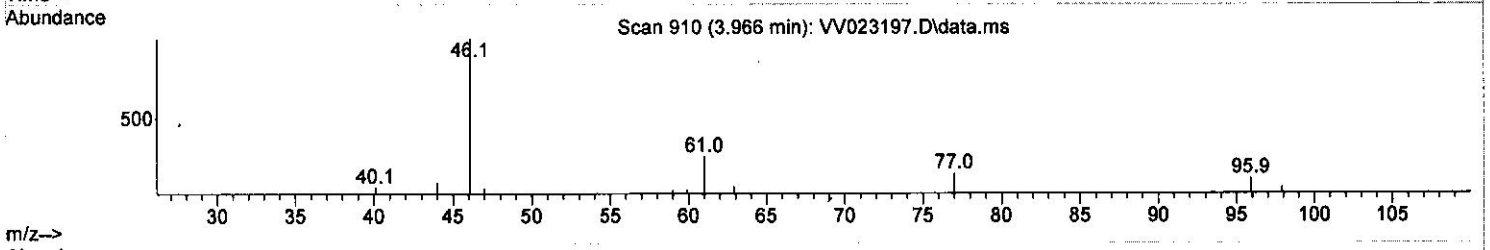

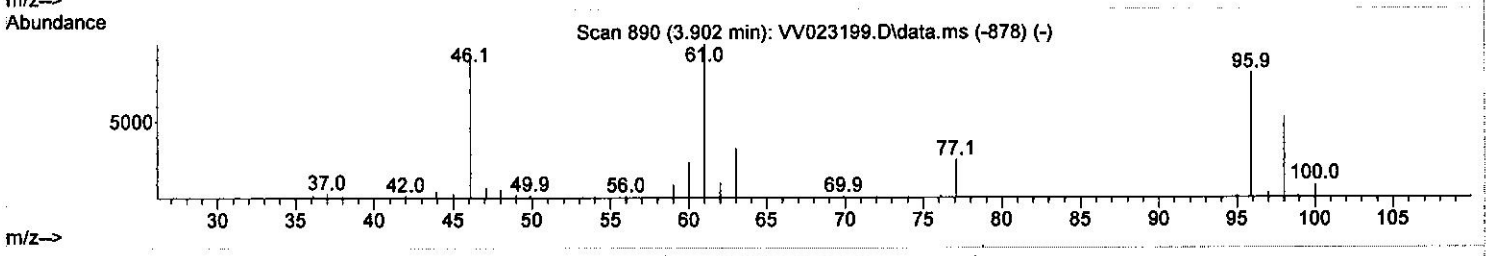

TIC: VV023197.D\data.ms

(20) 2-Butanone-d5 (S)

3.966min (+ 0.064) 3.00 ug/L m

MD 11/22/21

response 5688

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	4.89#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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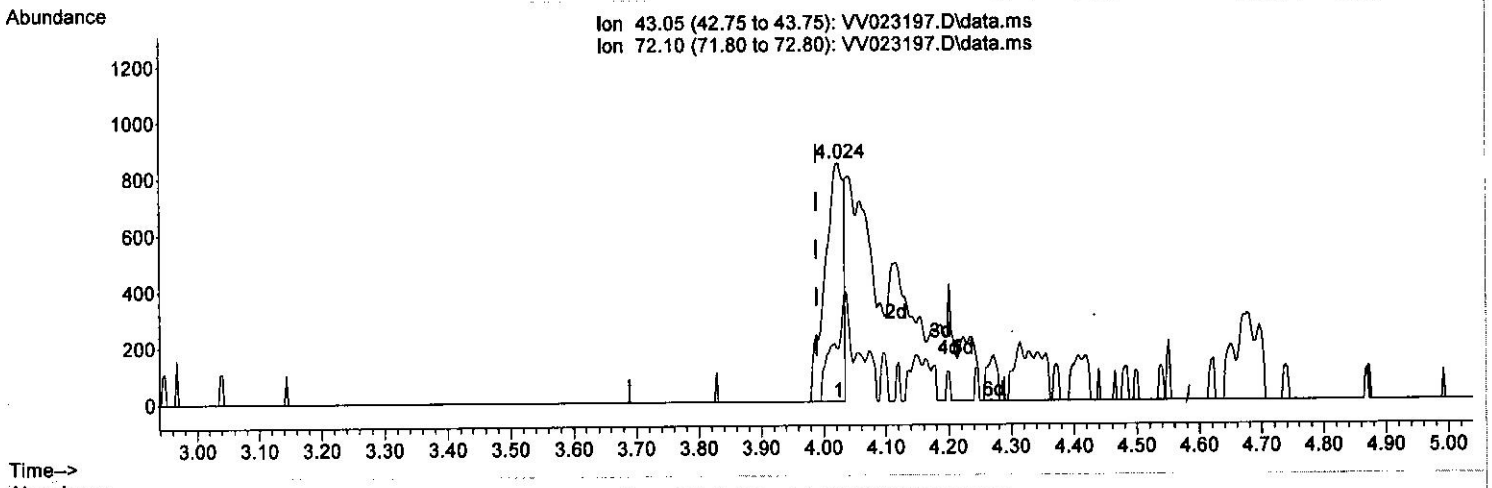

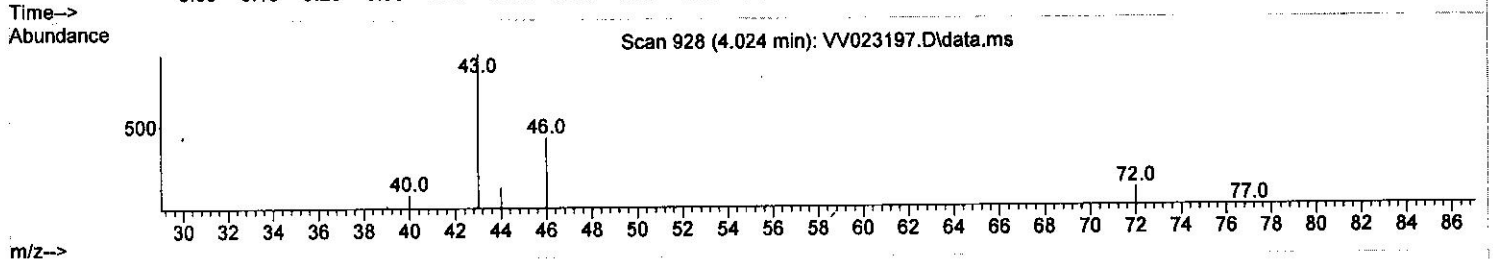

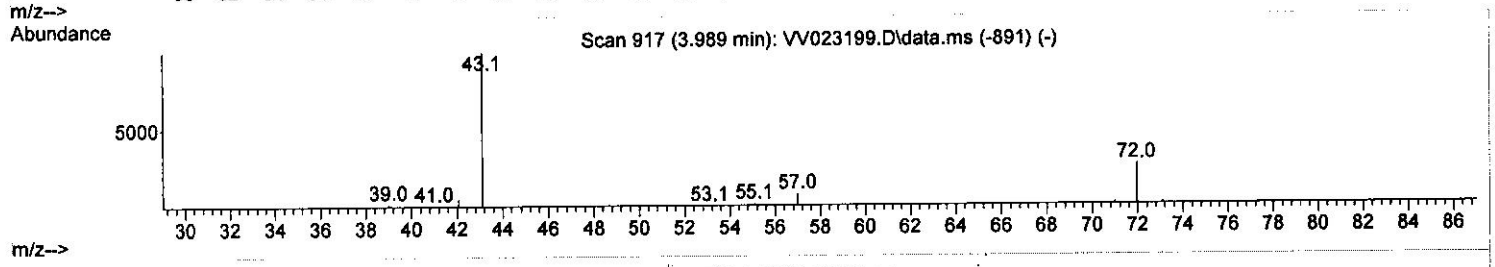

TIC: VV023197.D\data.ms

(21) 2-Butanone (T)

4.024min (+ 0.035) 0.97 ug/L

response 1760

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	16.99
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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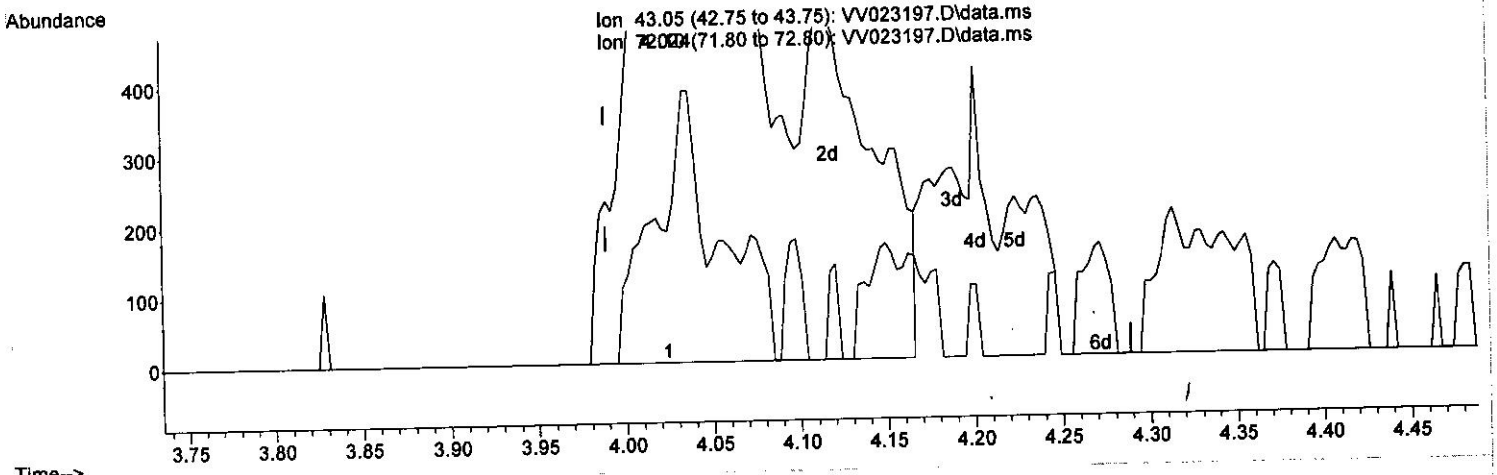

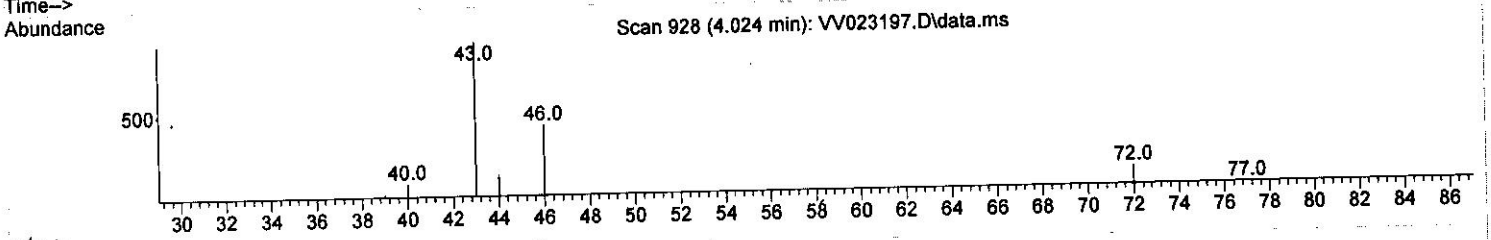

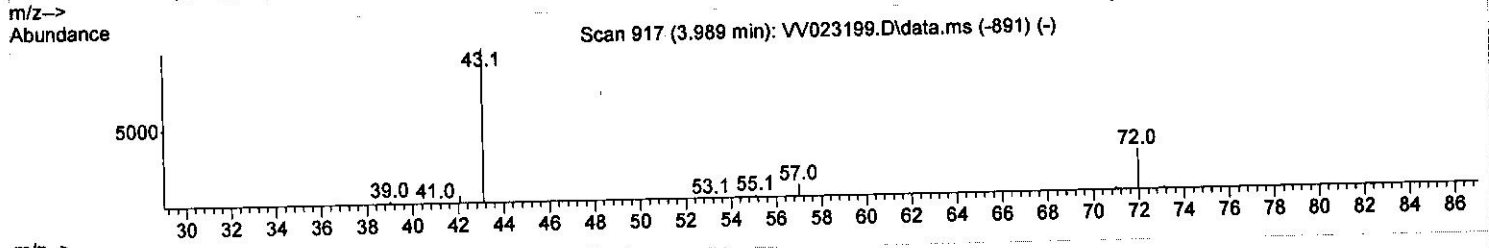

TIC: VV023197.D\data.ms

(21) 2-Butanone (T)

4.024min (+ 0.035) 2.96 ug/L m 3 mO 11/22/21

response 5386

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	5.55#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	135179	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	3814	0.323	ug/L	0.00
7) Chloroethane-d5	1.568	69	3269	0.447	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	7397	0.434	ug/L	0.00
20) 2-Butanone-d5	3.966	46	5688m	3.002	ug/L	0.06
24) Chloroform-d	4.359	84	8179	0.426	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.047	65	3613	0.399	ug/L	0.00
32) Benzene-d6	5.056	84	14404	0.376	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	4375	0.371	ug/L	0.00
41) Toluene-d8	7.320	98	12645	0.368	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1301	0.315	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	4125	2.700	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.220	84	3019	0.371	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5048	0.424	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	6336	0.739	ug/L	93
3) Chloromethane	1.240	50	5605	0.605	ug/L	97
5) Vinyl chloride	1.310	62	5385	0.562	ug/L	100
6) Bromomethane	1.523	94	3494	0.722	ug/L	100
8) Chloroethane	1.584	64	3093	0.618	ug/L	93
9) Trichlorofluoromethane	1.754	101	8220	0.636	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	4172	0.566	ug/L	98
12) 1,1-Dichloroethene	2.121	96	3933	0.568	ug/L	86
13) Acetone	2.188	43	4186m	4.503	ug/L	
14) Carbon disulfide	2.294	76	14780	0.784	ug/L	99
15) Methyl Acetate	2.449	43	811m	0.229	ug/L	
16) Methylene chloride	2.506	84	8187	1.077	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	7431	0.450	ug/L #	94
18) trans-1,2-Dichloroethene	2.760	96	4691	0.635	ug/L	92
19) 1,1-Dichloroethane	3.188	63	7817	0.576	ug/L	93
21) 2-Butanone	4.024	43	5386m	2.959	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	4189	0.500	ug/L #	87
23) Bromochloromethane	4.246	128	1943	0.511	ug/L	69
25) Chloroform	4.375	83	8667	0.483	ug/L	86
27) 1,2-Dichloroethane	5.146	62	4239	0.448	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	7367	0.497	ug/L	97
30) Cyclohexane	4.674	56	5884	0.455	ug/L	98
31) Carbon tetrachloride	4.825	117	6527	0.512	ug/L	100
33) Benzene	5.104	78	15744	0.446	ug/L	100
34) Trichloroethene	5.921	95	4653	0.525	ug/L	95
35) Methylcyclohexane	6.127	83	6425	0.506	ug/L	99
37) 1,2-Dichloropropane	6.178	63	3846	0.433	ug/L #	85
38) Bromodichloromethane	6.516	83	5222	0.476	ug/L	94
39) cis-1,3-Dichloropropene	7.037	75	4995	0.451	ug/L	93
40) 4-Methyl-2-pentanone	7.233	43	14200	3.393	ug/L	98
42) Toluene	7.394	91	15440	0.432	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	3663	0.400	ug/L	94

md 11/22/21

md 11/22/21

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Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5247

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	2792	0.449 ug/L	90
47) Tetrachloroethene	7.976	164	3727	0.498 ug/L	98
48) 2-Hexanone	8.149	43	7655	2.464 ug/L #	92
49) Dibromochloromethane	8.249	129	3233	0.437 ug/L	94
50) 1,2-Dibromoethane	8.362	107	2287	0.409 ug/L #	89
51) Chlorobenzene	8.886	112	11829	0.504 ug/L	95
52) Ethylbenzene	9.014	91	16351	0.461 ug/L	97
53) m,p-xylene	9.143	106	6560	0.461 ug/L	95
54) o-xylene	9.545	106	5676	0.424 ug/L	88
55) Styrene	9.567	104	9097	0.393 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	2710	0.390 ug/L #	89
59) Bromoform	9.734	173	1715	0.441 ug/L #	97
60) Isopropylbenzene	9.931	105	15391	0.456 ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	1921	0.409 ug/L	94
62) 1,3,5-Trimethylbenzene	10.542	105	12418	0.458 ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	11348	0.419 ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	8506	0.479 ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	9163	0.507 ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	7488	0.453 ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.432	75	401	0.432 ug/L #	79
69) 1,3,5-Trichlorobenzene	12.648	180	6734	0.497 ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	5508	0.544 ug/L	99
71) Naphthalene	13.506	128	7400	0.480 ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	4566	0.486 ug/L	97

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