Quantitation Report (QT Review

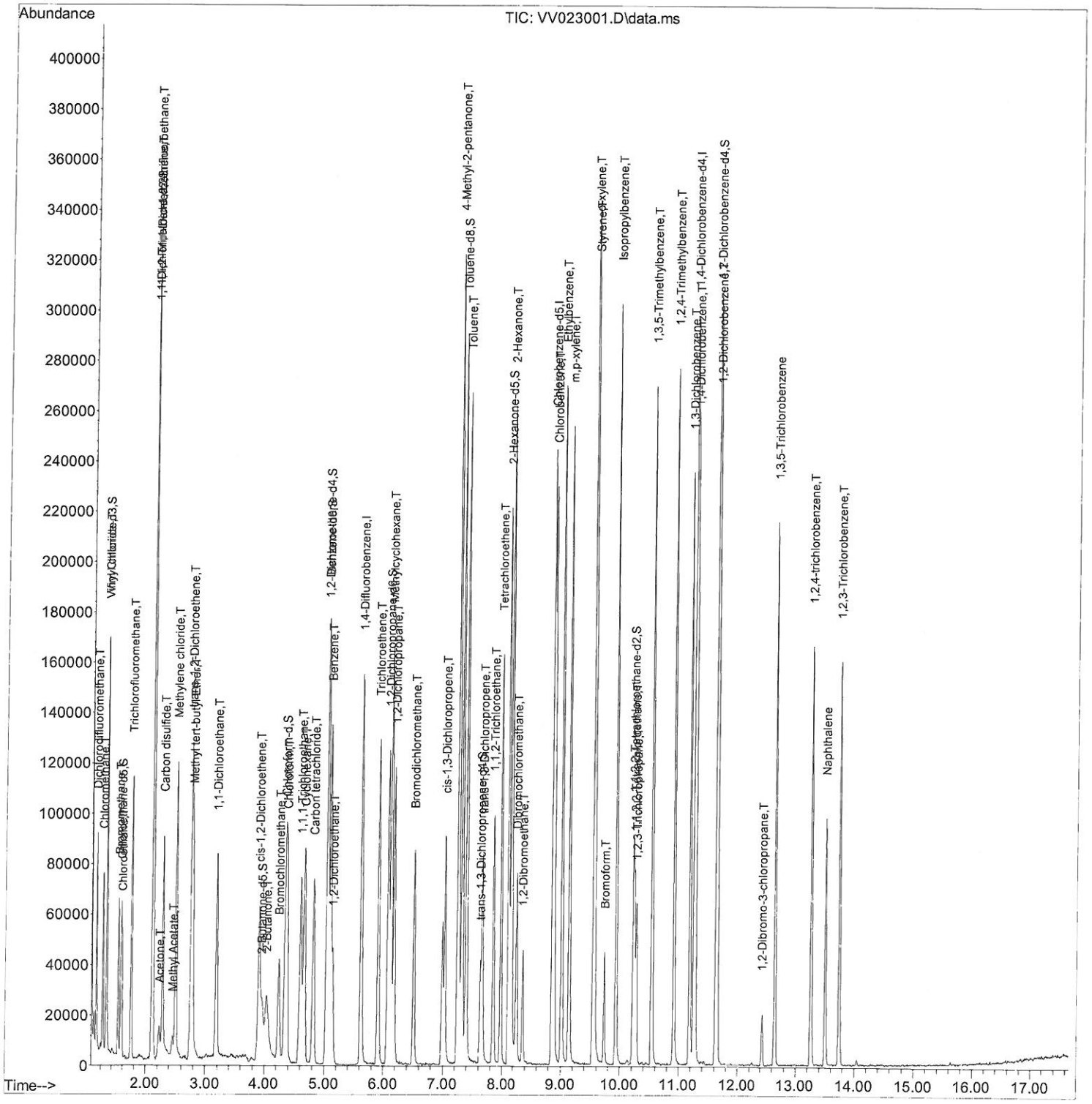
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV023001.D
Acq On : 22 Oct 2021 20:51
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 23 01:31:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 01:14:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



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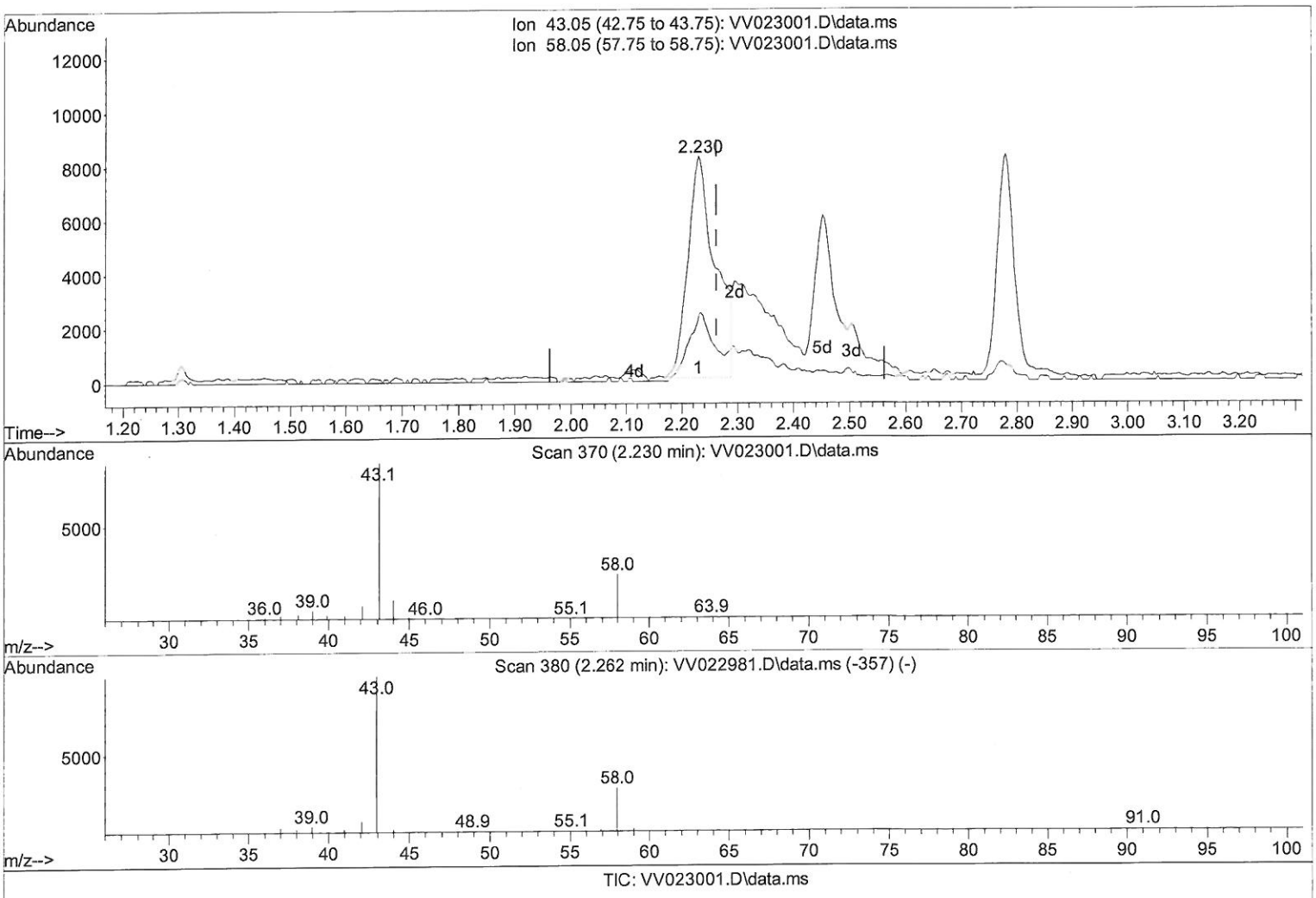

TIC: VV023001.D\data.ms

(13) Acetone (T)

2.230min (-0.032) 30.33 ug/L

response 27964

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

Quantitation Report (Qedit)

Instrument :
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LabSampleId :
VSTDCCC005EC

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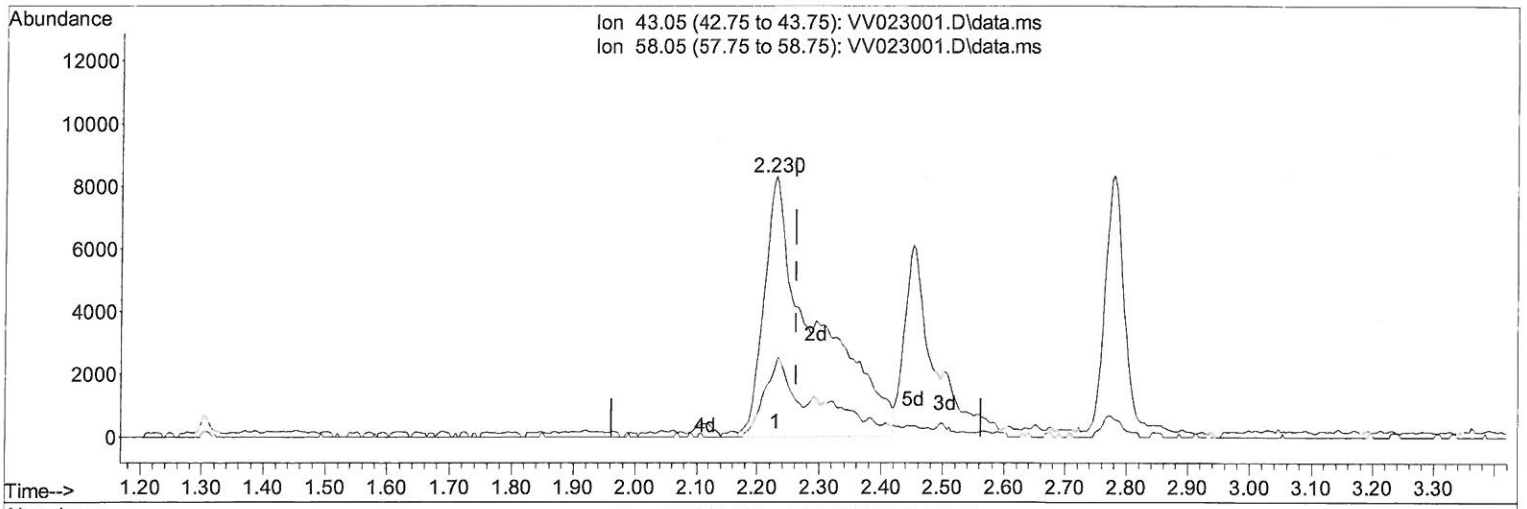

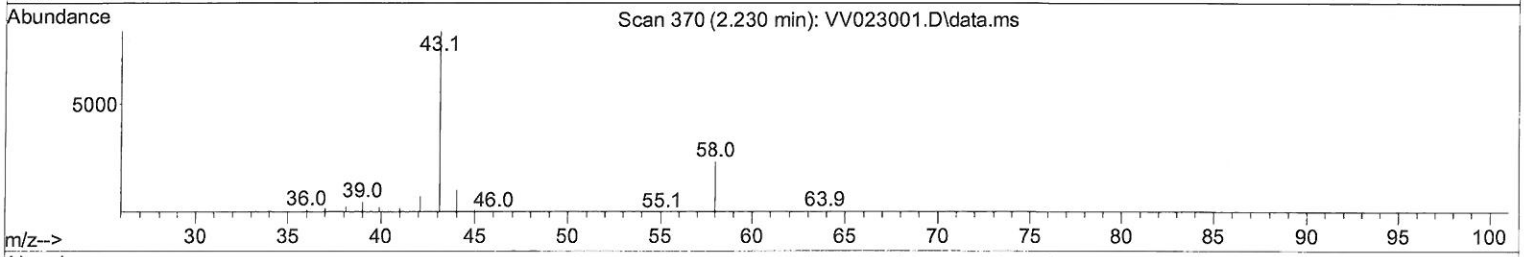

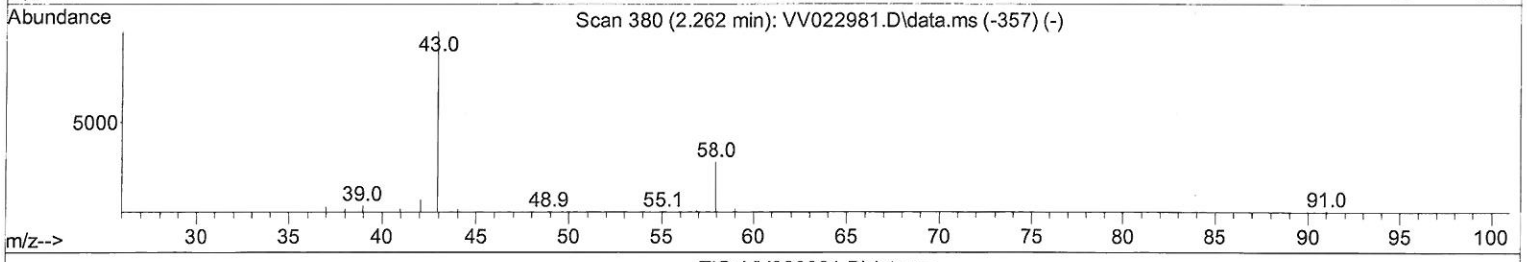

TIC: VV023001.D\data.ms

(13) Acetone (T)

2.230min (-0.032) 51.85 ug/L m

response 47802

> MD 10/27/21

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	16.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :
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LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

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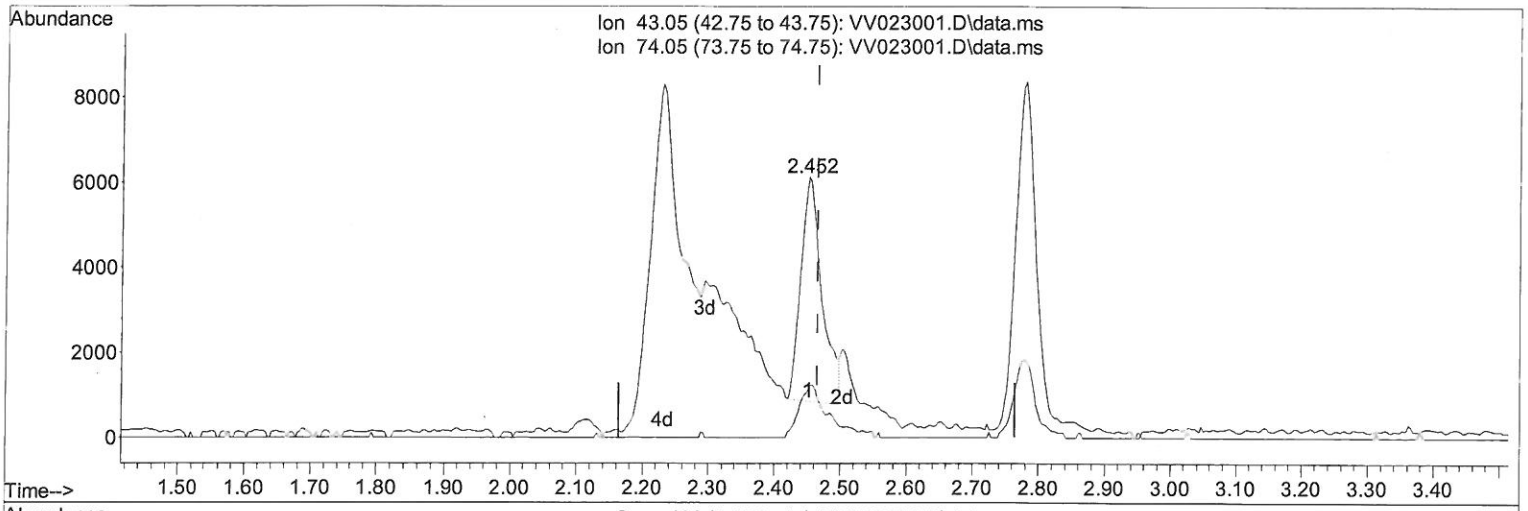

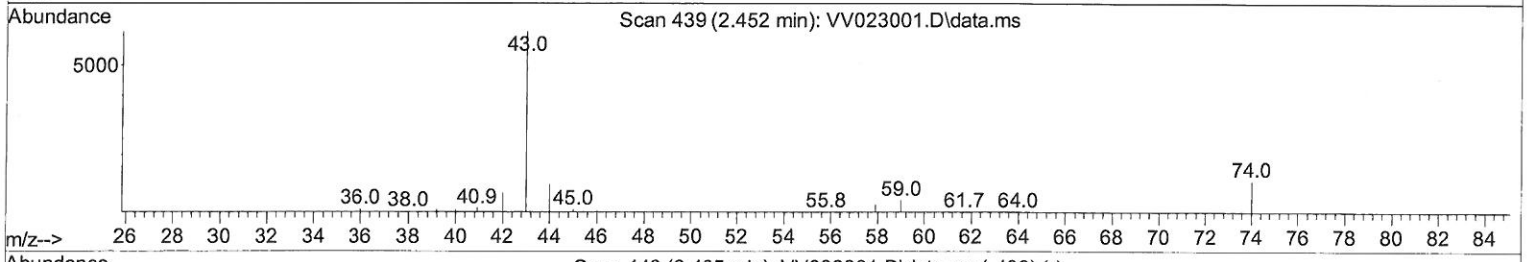

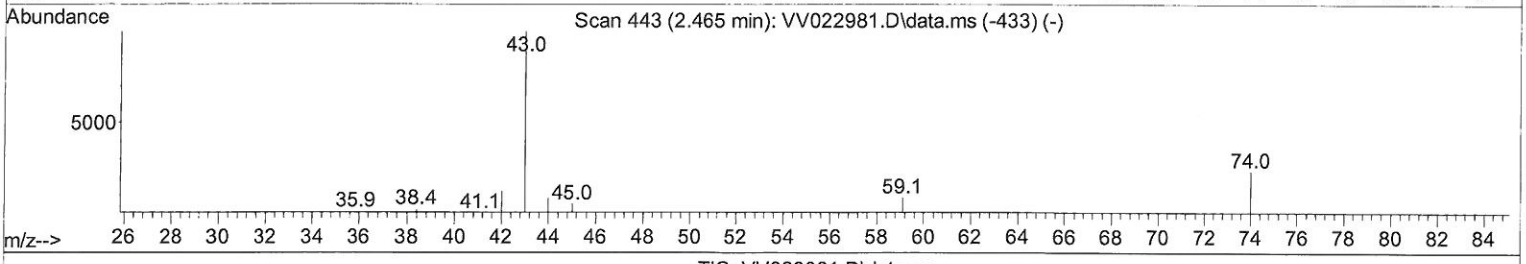

TIC: VV023001.D\data.ms

(15) Methyl Acetate (T)

2.452min (-0.013) 3.33 ug/L

response 11690

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	28.14
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 01:14:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

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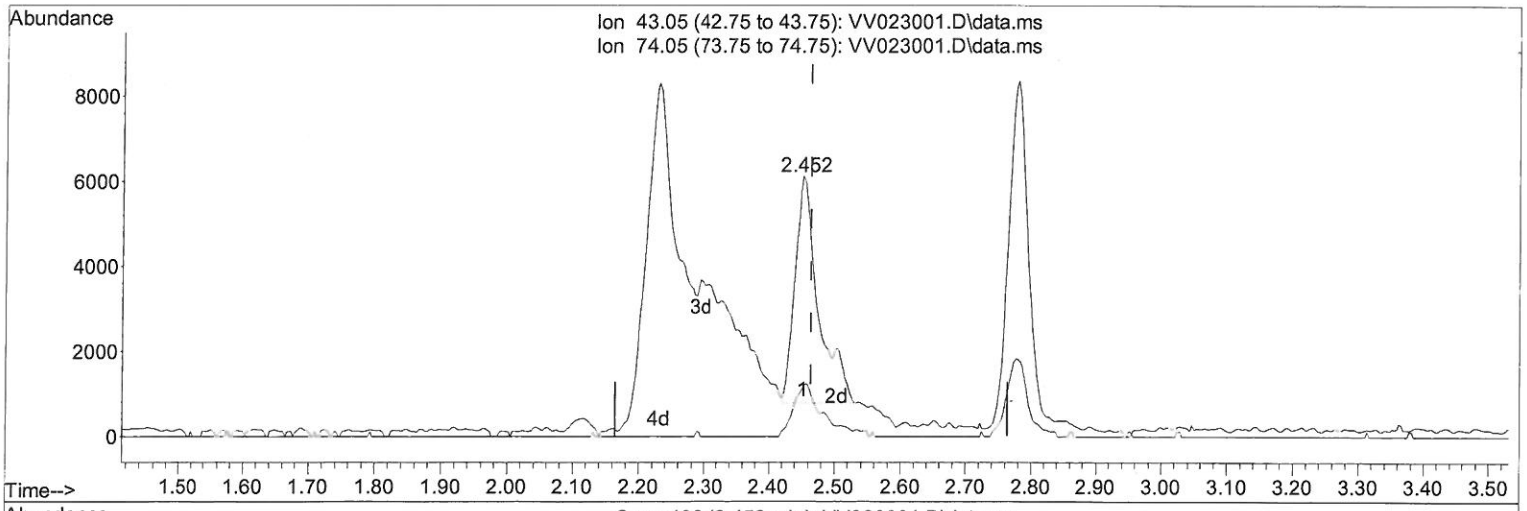

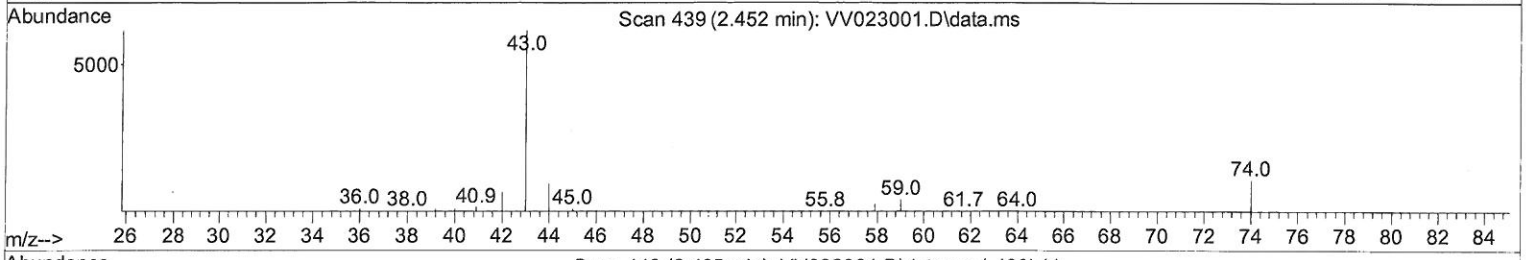

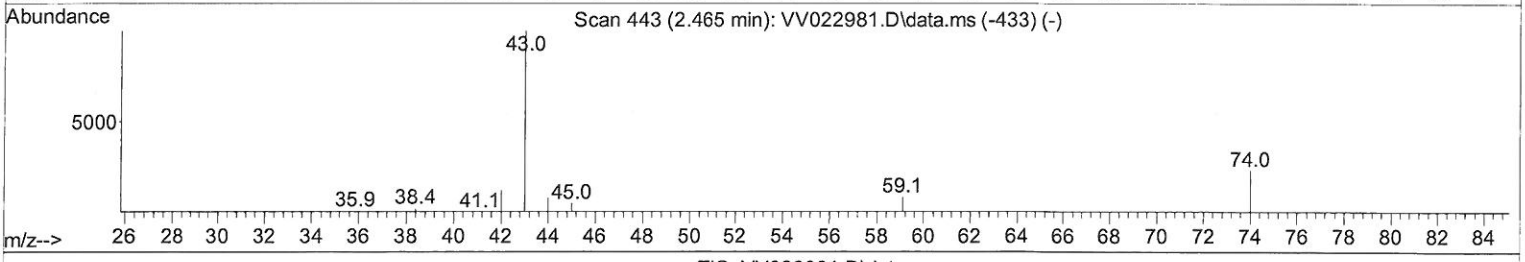

TIC: VV023001.D\data.ms

(15) Methyl Acetate (T)

2.452min (-0.013) 3.79 ug/L m

MD 10/27/21

response 13283

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	24.76
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewe

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.616	114	134058	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129734	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72202	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	56130	4.792 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.800%		
7) Chloroethane-d5	1.561	69	34865	4.812 ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.200%		
11) 1,1-Dichloroethene-d2	2.102	63	87911	5.202 ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.000%		
20) 2-Butanone-d5	3.954	46	69212	36.832 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.660%		
24) Chloroform-d	4.346	84	71263	3.742 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.800%		
26) 1,2-Dichloroethane-d4	5.034	65	38637	4.304 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%		
32) Benzene-d6	5.040	84	142814	3.771 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.400%		
36) 1,2-Dichloropropane-d6	6.072	67	59994	5.145 ug/L	-0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.000%		
41) Toluene-d8	7.314	98	184170	5.413 ug/L	-0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.200%		
43) trans-1,3-Dichloroprop...	7.625	79	20803	5.092 ug/L	-0.01
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.800%		
46) 2-Hexanone-d5	8.108	63	75166	49.697 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.400%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	42251	5.248 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	64477	5.005 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.127	85	44265	5.205 ug/L	97
3) Chloromethane	1.240	50	47342	5.150 ug/L	94
5) Vinyl chloride	1.307	62	47049	4.956 ug/L	100
6) Bromomethane	1.516	94	24571	5.122 ug/L	100
8) Chloroethane	1.581	64	24280	4.891 ug/L	99
9) Trichlorofluoromethane	1.748	101	64805	5.058 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	38495	5.269 ug/L	99
12) 1,1-Dichloroethene	2.111	96	34739	5.061 ug/L	91
13) Acetone	2.230	43	47802m	51.849 ug/L	
14) Carbon disulfide	2.285	76	92188	4.932 ug/L	98
15) Methyl Acetate	2.452	43	13283m	3.787 ug/L	
16) Methylene chloride	2.503	84	45066	5.978 ug/L	86
17) Methyl tert-butyl Ether	2.780	73	87395	5.334 ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	40502	5.527 ug/L	95
19) 1,1-Dichloroethane	3.182	63	80373	5.970 ug/L	98
21) 2-Butanone	4.037	43	59474	32.952 ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	33177	3.993 ug/L #	96
23) Bromochloromethane	4.243	128	14783	3.920 ug/L #	74

MD 10/27/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.372	83	63077	3.546	ug/L	97
27) 1,2-Dichloroethane	5.134	62	39997	4.263	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	60537	4.129	ug/L	99
30) Cyclohexane	4.654	56	43488	3.397	ug/L	90
31) Carbon tetrachloride	4.812	117	54692	4.335	ug/L	96
33) Benzene	5.089	78	131193	3.758	ug/L	100
34) Trichloroethene	5.908	95	43720	4.985	ug/L	98
35) Methylcyclohexane	6.121	83	61185	4.872	ug/L	99
37) 1,2-Dichloropropane	6.175	63	45100	5.125	ug/L	99
38) Bromodichloromethane	6.510	83	55164	5.082	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	55092	5.028	ug/L	98
40) 4-Methyl-2-pentanone	7.249	43	228307	55.111	ug/L	98
42) Toluene	7.388	91	193629	5.473	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	45971	5.071	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	31494	5.116	ug/L	98
47) Tetrachloroethene	7.973	164	37600	5.074	ug/L	96
48) 2-Hexanone	8.156	43	168492	54.791	ug/L	99
49) Dibromochloromethane	8.249	129	38263	5.224	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29167	5.263	ug/L	94
51) Chlorobenzene	8.883	112	120444	5.182	ug/L	99
52) Ethylbenzene	9.011	91	178063	5.071	ug/L	97
53) m,p-xylene	9.137	106	71718	5.093	ug/L	96
54) o-xylene	9.545	106	67398	5.084	ug/L	99
55) Styrene	9.561	104	122980	5.372	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	36049	5.239	ug/L	98
59) Bromoform	9.735	173	20588	4.893	ug/L	97
60) Isopropylbenzene	9.931	105	184538	5.054	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	24473	4.816	ug/L	95
62) 1,3,5-Trimethylbenzene	10.539	105	140969	4.806	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	145857	4.982	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	98643	5.134	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	96776	4.958	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	90062	5.035	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4817	4.804	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	67060	4.582	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	49821	4.550	ug/L	98
71) Naphthalene	13.503	128	76410	4.590	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47922	4.714	ug/L	99

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