

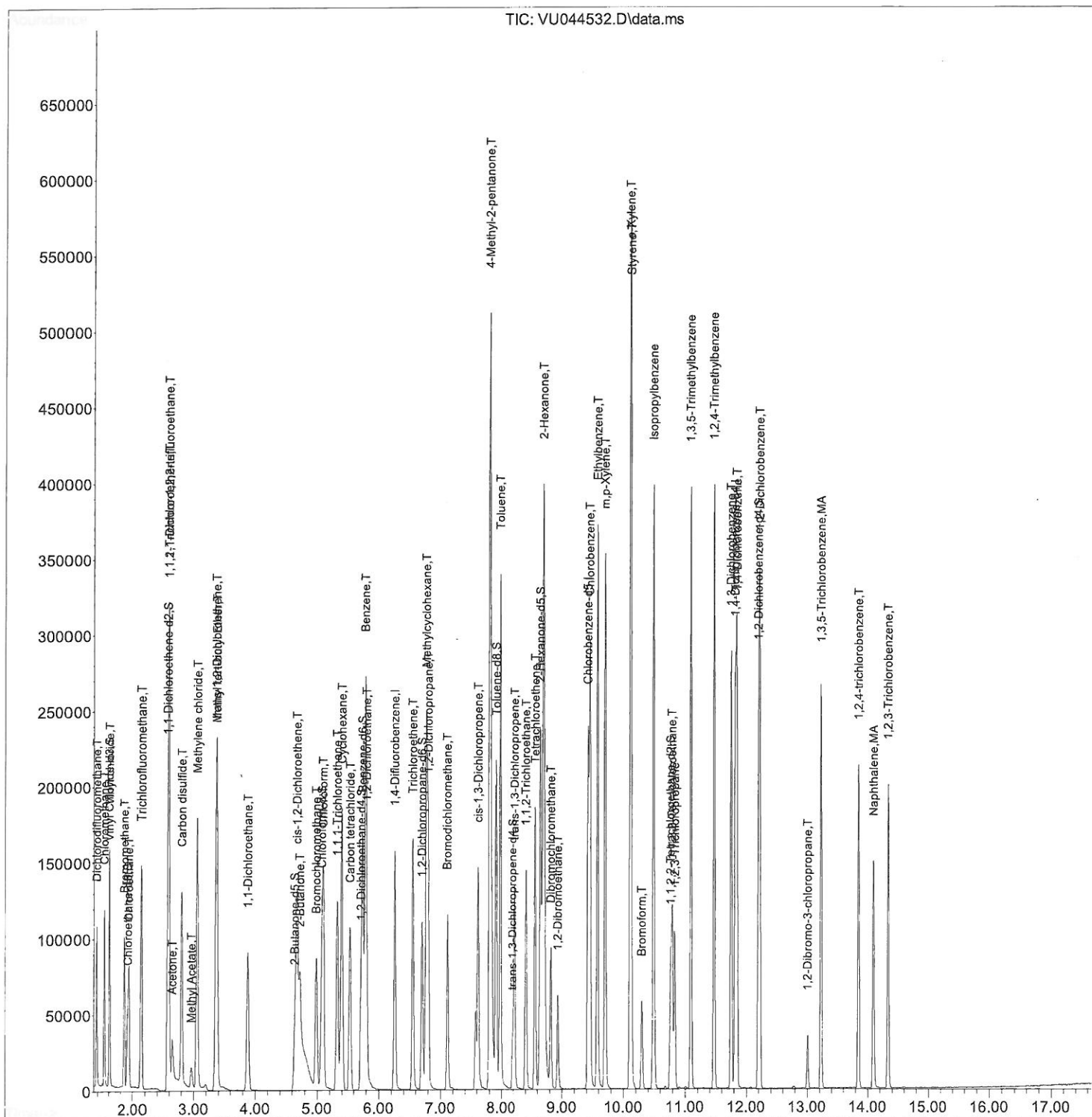
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082721\
Data File : VU044532.D
Acq On : 27 Aug 2021 15:43
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005EC

Manual Integrations
APPROVED

MMDadoda
8/30/2021 10:54:22 AM

Quant Time: Aug 28 01:21:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 28 01:19:29 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

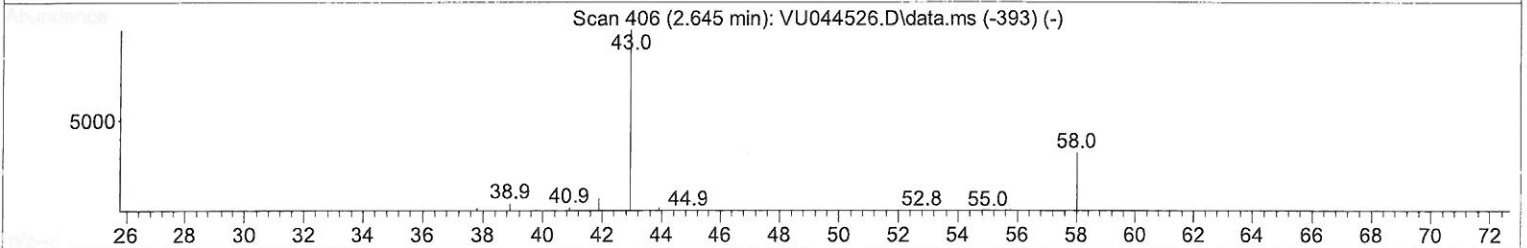
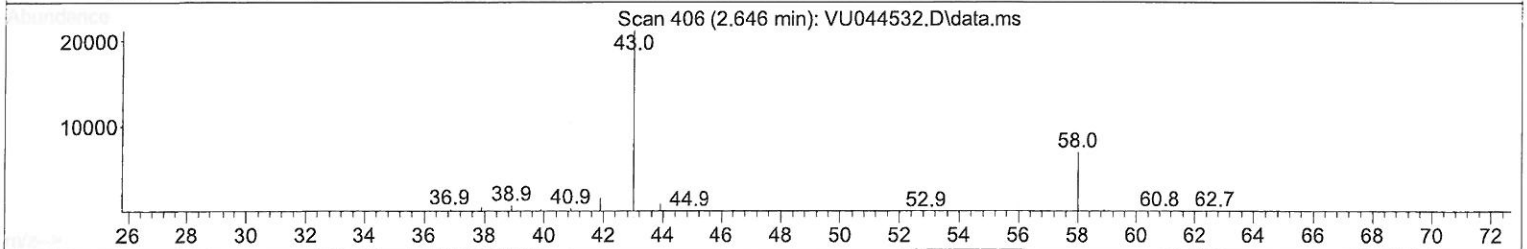
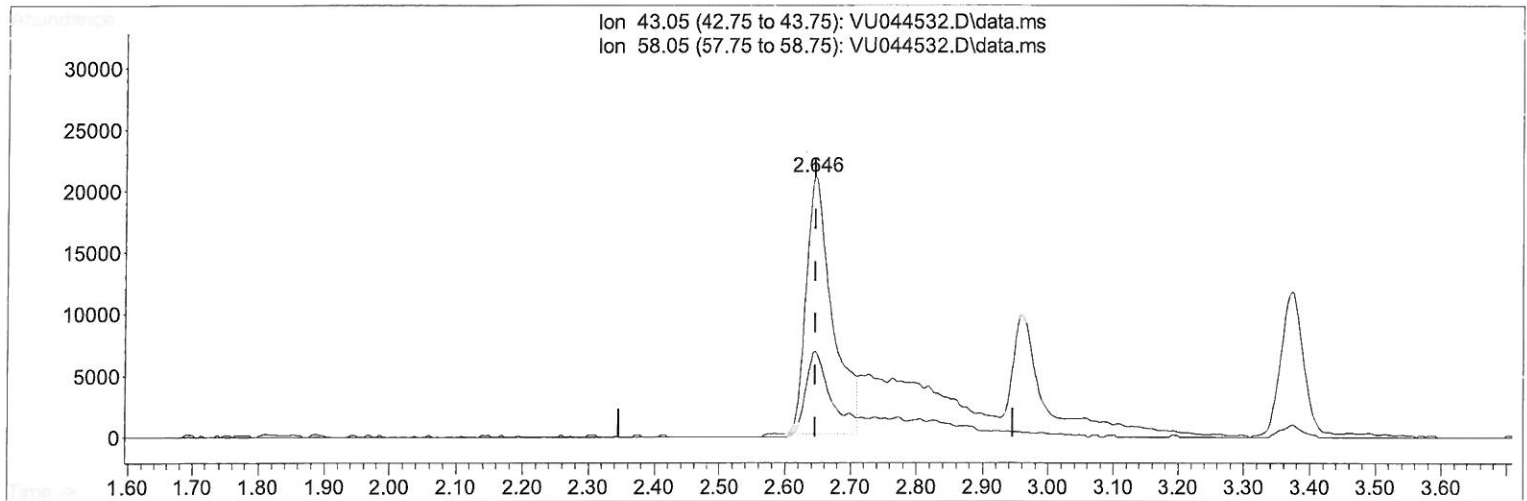
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TIC: VU044532.D\data.ms

(13) Acetone (T)

2.646min (+ 0.000) 25.50 ug/L

response 58941

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	22.70	29.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

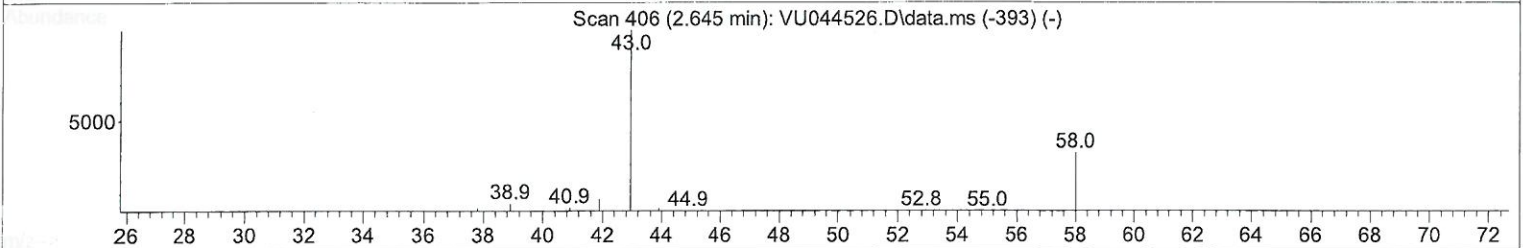
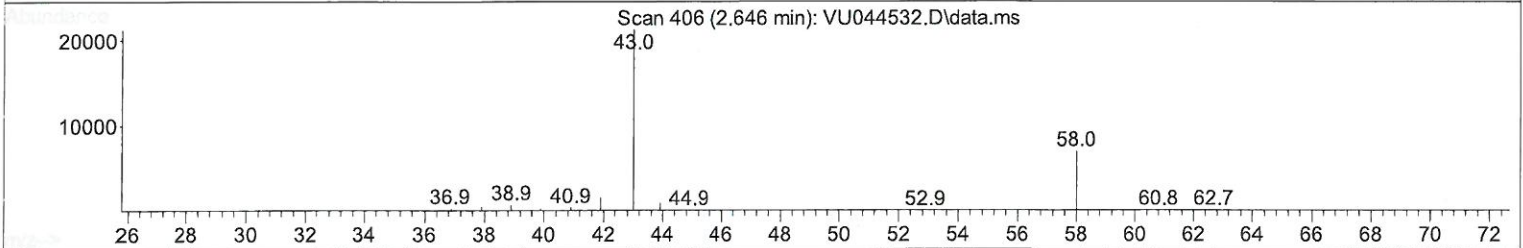
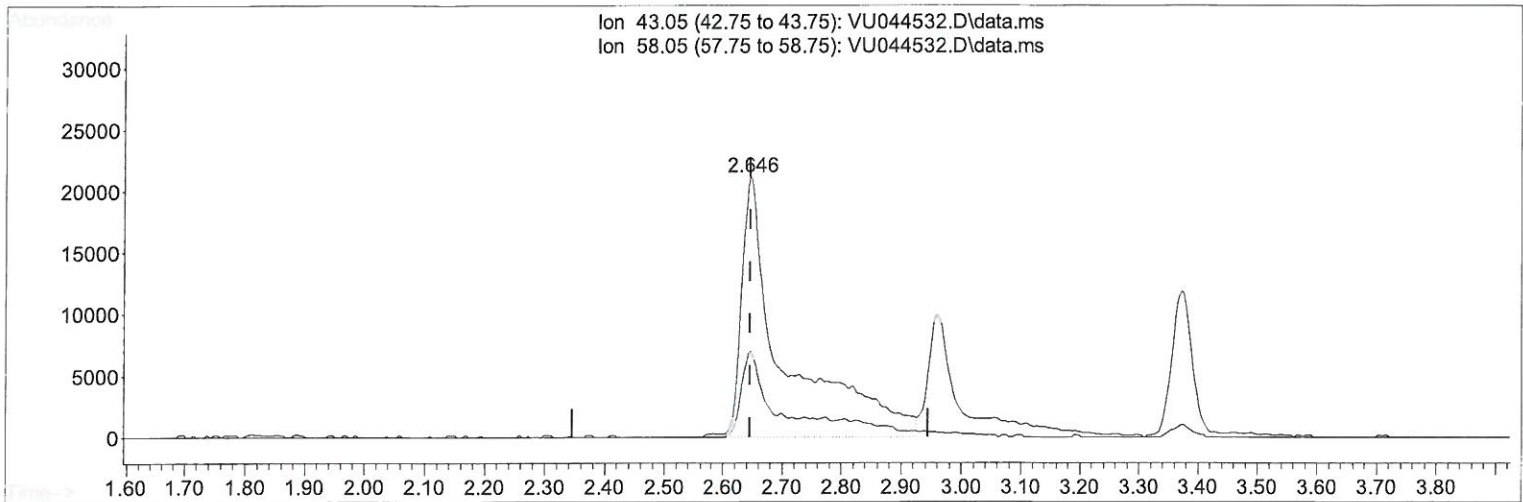
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TIC: VU044532.D\data.ms

(13) Acetone (T)

2.646min (+ 0.000) 45.98 ug/L m

response 106283

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	22.70	16.27
0.00	0.00	0.00
0.00	0.00	0.00

MD
 8/31/21

Quantitation Report (Qedit)

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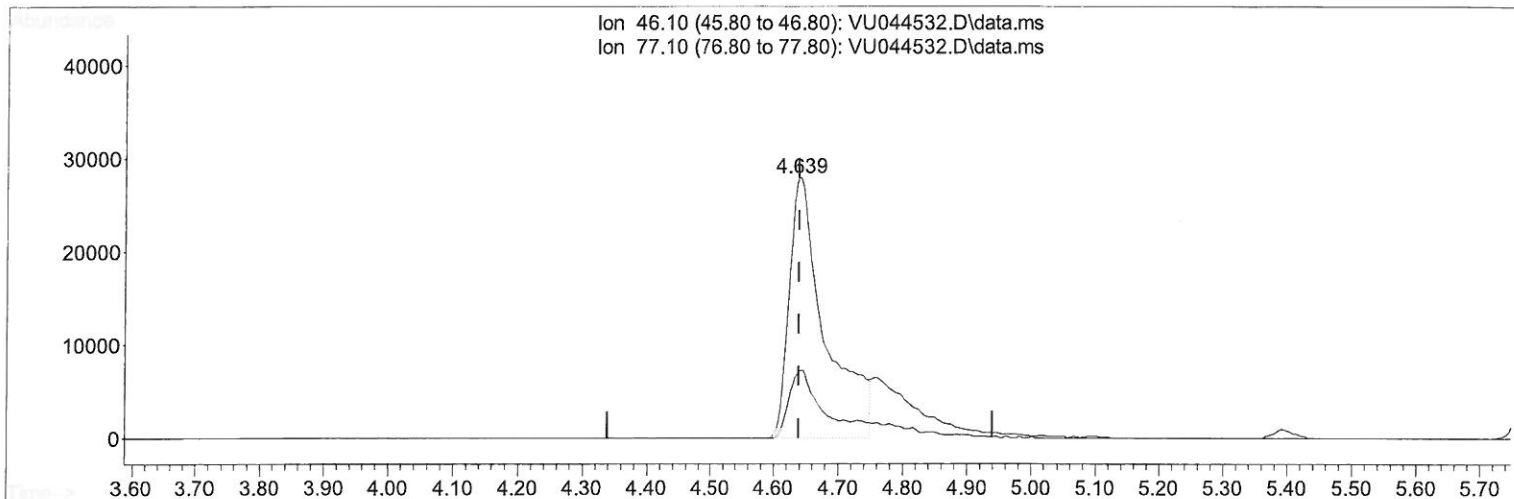
Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC005EC

Manual Integrations
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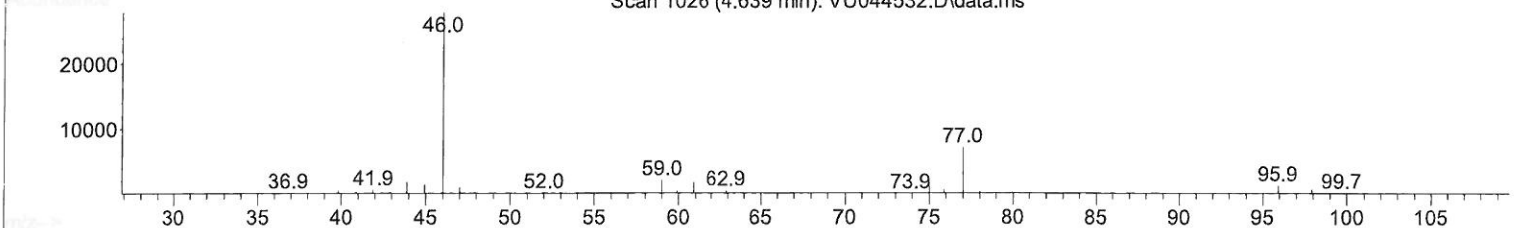
MMDadoda
 8/30/2021 10:54:22 AM

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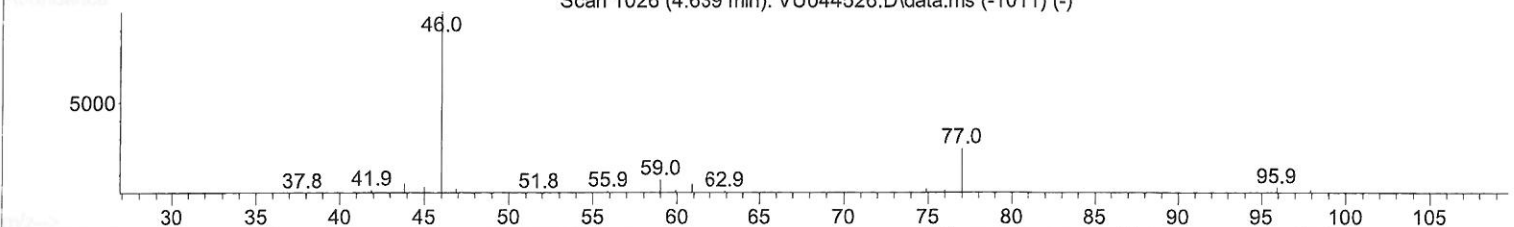
Ion 46.10 (45.80 to 46.80): VU044532.D\data.ms
 Ion 77.10 (76.80 to 77.80): VU044532.D\data.ms



Scan 1026 (4.639 min): VU044532.D\data.ms



Scan 1026 (4.639 min): VU044526.D\data.ms (-1011) (-)



TIC: VU044532.D\data.ms

(20) 2-Butanone-d5 (S)

4.639min (+ 0.000) 38.66 ug/L

response 107628

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.00	21.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

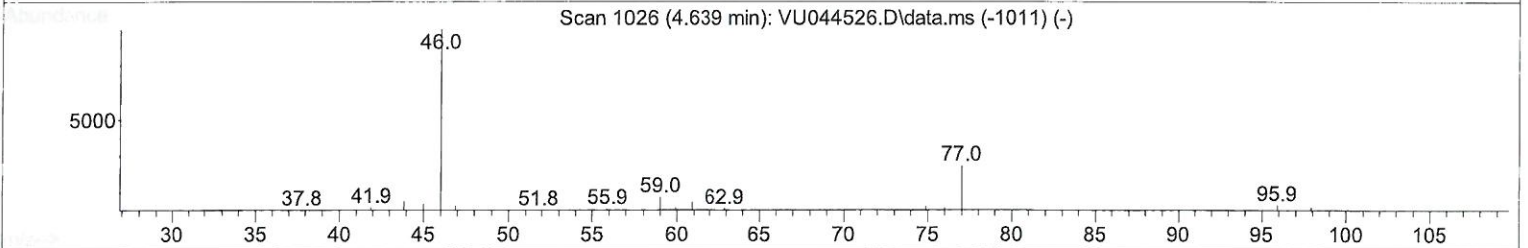
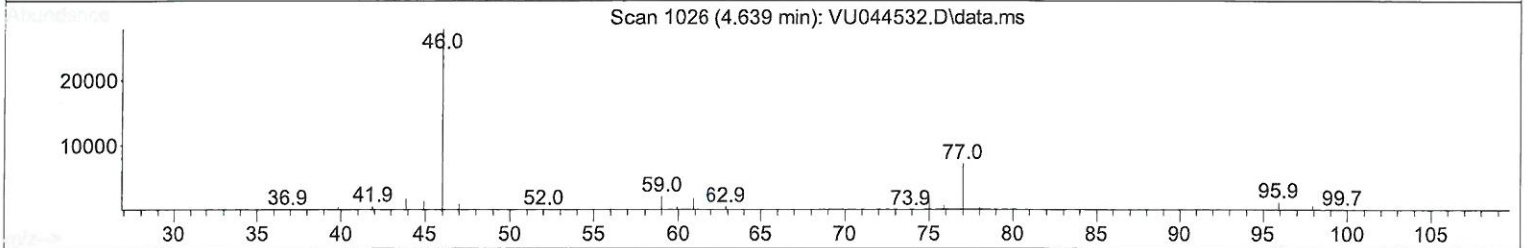
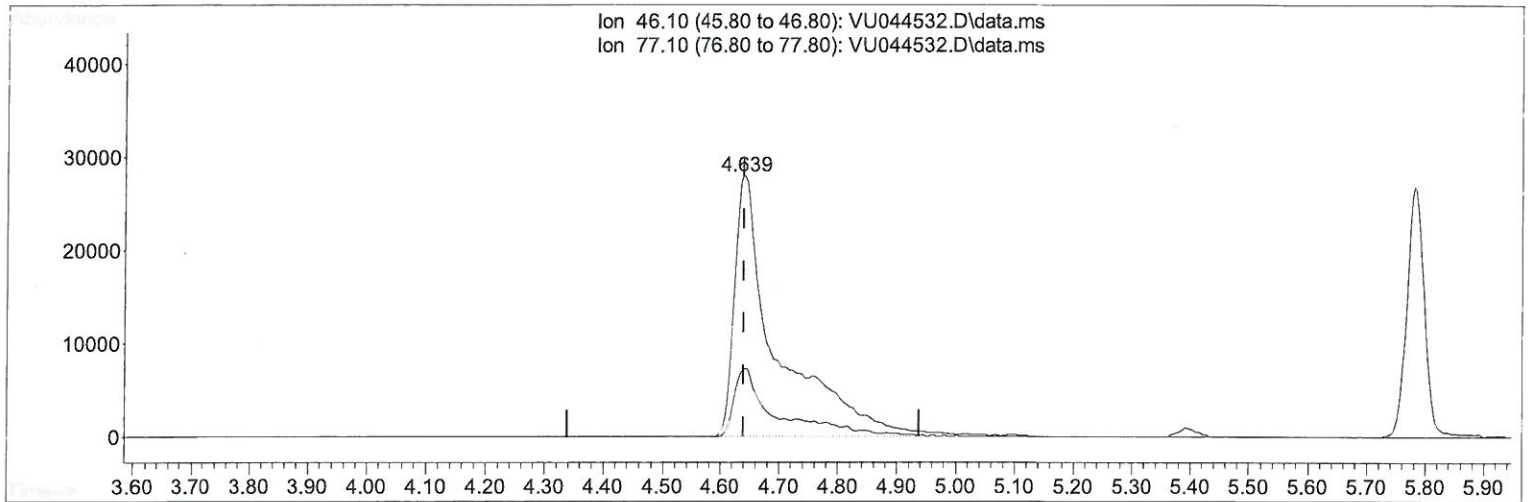
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TIC: VU044532.D\data.ms

(20) 2-Butanone-d5 (S)

4.639min (+ 0.000) 50.14 ug/L m

response 139570

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.00	16.31#
0.00	0.00	0.00
0.00	0.00	0.00

MD
 8/31/21

Quantitation Report (Qedit)

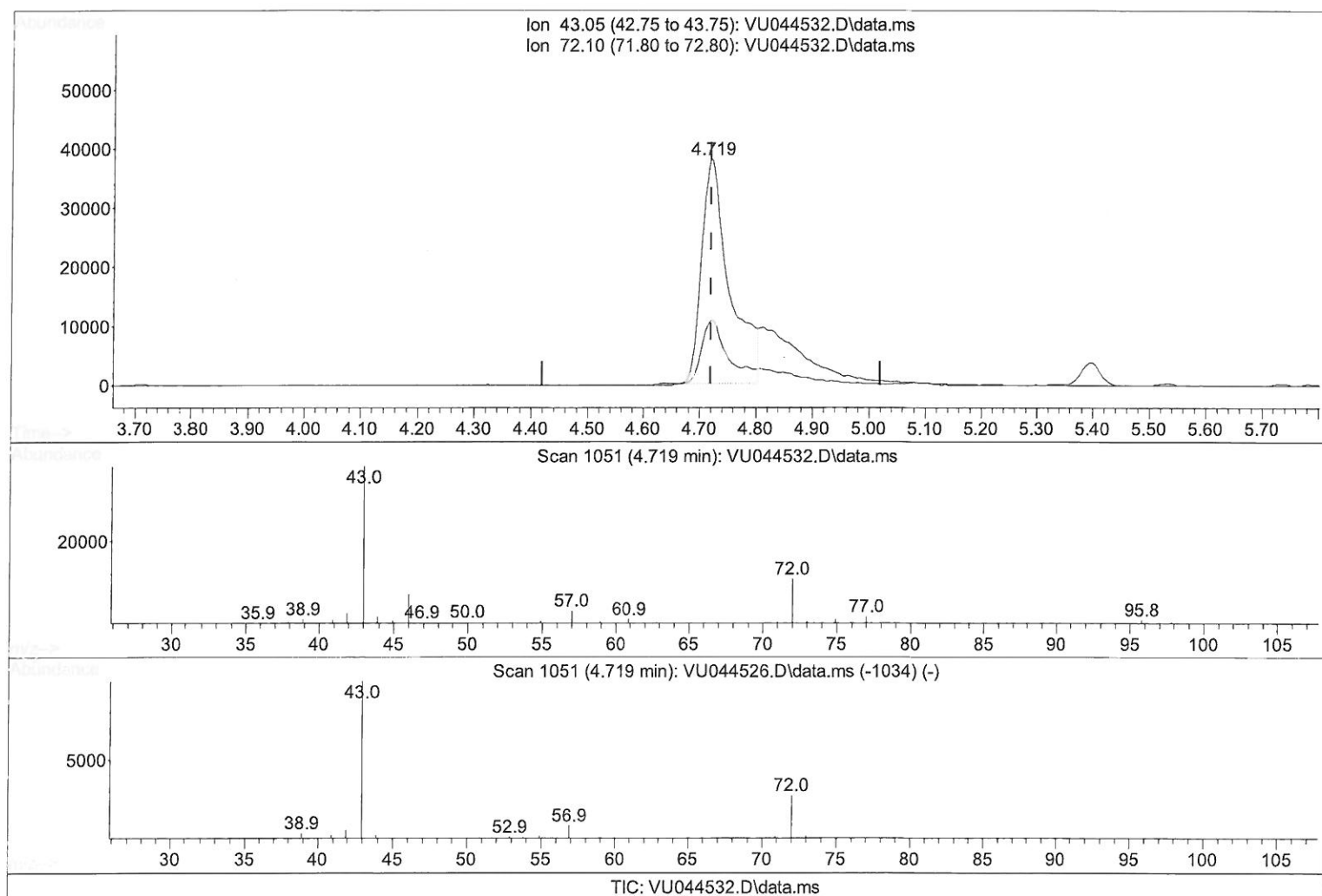
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082721\
Data File : VU044532.D
Acq On : 27 Aug 2021 15:43
Operator : SY/MD
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Instrument :
MSVOA_U
LabSampleId :
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Manual Integrations
APPROVED

MMDadoda
8/30/2021 10:54:22 AM

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(21) 2-Butanone (T)

4.719min (+ 0.000) 40.05 ug/L

response 131913

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.30	25.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Data File : VU044532.D
 Acq On : 27 Aug 2021 15:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

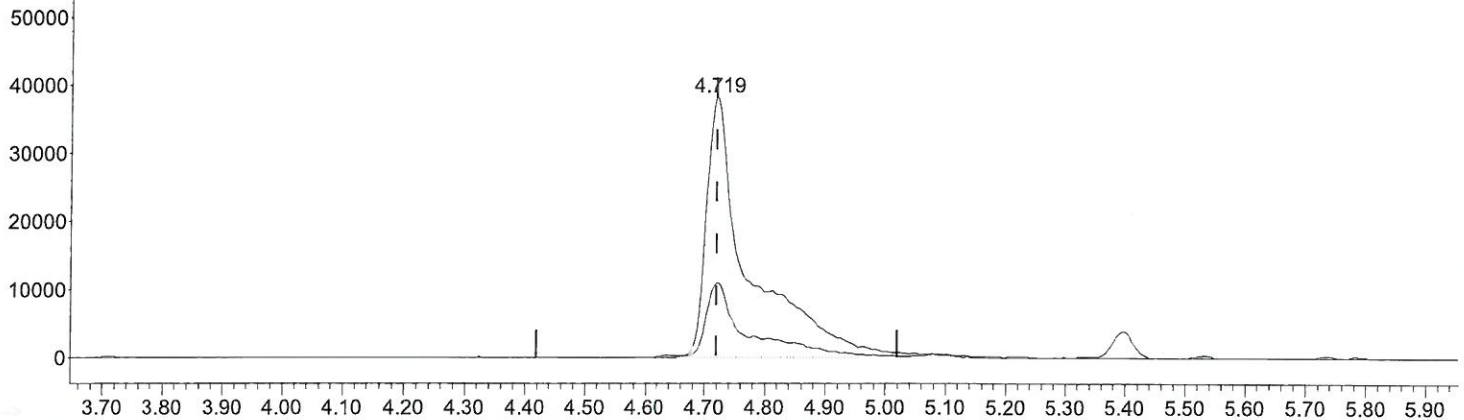
Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC005EC

Manual Integrations
 APPROVED

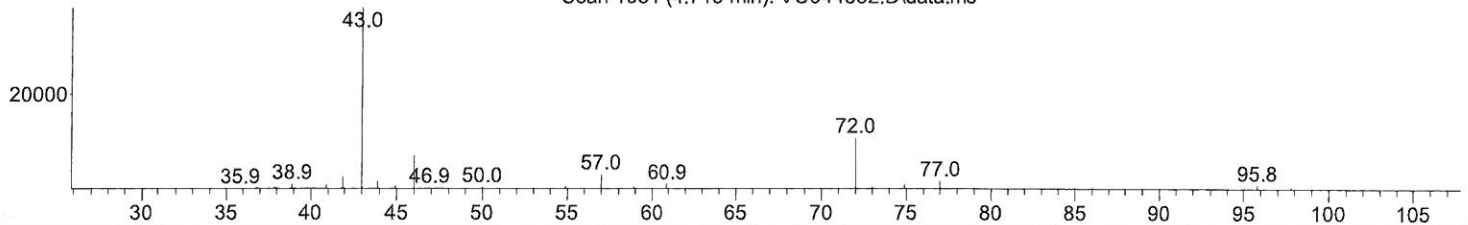
MMDadoda
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Quant Time: Aug 28 01:21:21 2021
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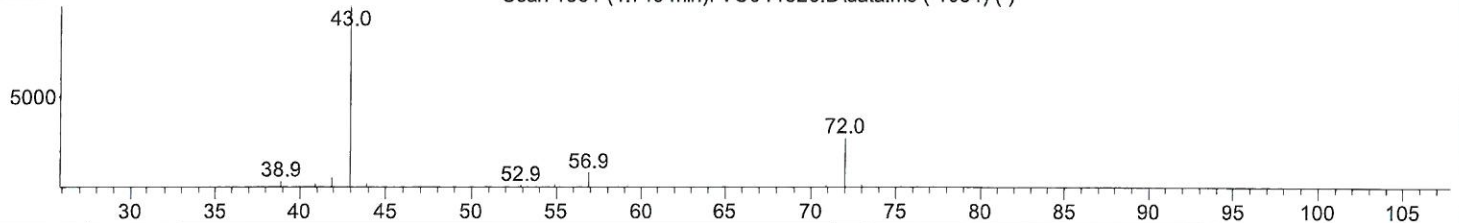
Ion 43.05 (42.75 to 43.75): VU044532.D\data.ms
 Ion 72.10 (71.80 to 72.80): VU044532.D\data.ms



Scan 1051 (4.719 min): VU044532.D\data.ms



Scan 1051 (4.719 min): VU044526.D\data.ms (-1034) (-)



TIC: VU044532.D\data.ms

(21) 2-Butanone (T)

4.719min (+ 0.000) 56.18 ug/L m

response 185062

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.30	17.84
0.00	0.00	0.00
0.00	0.00	0.00

MD
 8/31/21

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 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	124449	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	126482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	64308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33703	3.349	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.000%	
7) Chloroethane-d5	1.919	69	33754	3.859	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.200%	
11) 1,1-Dichloroethene-d2	2.572	65	16357	3.820	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	4.639	46	139570m	50.140	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.280%	
24) Chloroform-d	5.073	84	81773	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.710	65	43442	4.476	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.735	84	155864	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.700	67	50703	4.450	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.906	98	139465	4.416	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	8.185	79	18828	4.601	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.645	63	113086	51.105	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.200%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45814	4.774	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	12.201	152	49540	4.560	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	63994	5.000	ug/L	100
3) Chloromethane	1.520	50	80297	4.789	ug/L	100
5) Vinyl chloride	1.607	62	81262	5.243	ug/L	100
6) Bromomethane	1.861	94	44655	5.300	ug/L	100
8) Chloroethane	1.938	64	49188	5.191	ug/L	96
9) Trichlorofluoromethane	2.144	101	94533	5.334	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	51786	5.311	ug/L	99
12) 1,1-Dichloroethene	2.584	96	51362	5.370	ug/L	97
13) Acetone	2.646	43	106283m	45.981	ug/L	
14) Carbon disulfide	2.800	76	161911	5.219	ug/L	99
15) Methyl Acetate	2.961	43	17677	4.682	ug/L #	89
16) Methylene chloride	3.054	84	86370	6.078	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	136282	5.510	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	54718	5.491	ug/L	98
19) 1,1-Dichloroethane	3.880	63	105827	5.478	ug/L	98
21) 2-Butanone	4.719	43	185062m	56.183	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	59598	5.594	ug/L	98
23) Bromochloromethane	4.983	128	26285	5.596	ug/L	95

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 8/31/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.096	83	106664	5.382	ug/L	99
27) 1,2-Dichloroethane	5.803	62	71151	5.382	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	88881	5.615	ug/L	99
30) Cyclohexane	5.398	56	92787	5.302	ug/L	99
31) Carbon tetrachloride	5.533	117	71864	5.525	ug/L	100
33) Benzene	5.784	78	237232	5.528	ug/L	100
34) Trichloroethene	6.549	95	58329	5.498	ug/L	98
35) Methylcyclohexane	6.771	83	90797	5.131	ug/L	100
37) 1,2-Dichloropropane	6.800	63	61865	5.506	ug/L	99
38) Bromodichloromethane	7.112	83	77014	5.582	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	86604	5.496	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	445064	58.334	ug/L	99
42) Toluene	7.976	91	248793	5.566	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	75269	5.635	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	46467	5.799	ug/L	97
47) Tetrachloroethene	8.562	164	39140	5.335	ug/L	98
48) 2-Hexanone	8.697	43	321914	59.132	ug/L	99
49) Dibromochloromethane	8.819	129	48608	5.732	ug/L	99
50) 1,2-Dibromoethane	8.931	107	42984	5.608	ug/L	98
51) Chlorobenzene	9.452	112	146623	5.345	ug/L	98
52) Ethylbenzene	9.578	91	259701	5.500	ug/L	99
53) m,p-Xylene	9.700	106	99844	5.624	ug/L	99
54) o-Xylene	10.108	106	97384	5.632	ug/L	99
55) Styrene	10.121	104	169399	5.975	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	59535	5.643	ug/L	98
59) Bromoform	10.298	173	25294	5.567	ug/L	98
60) Isopropylbenzene	10.491	105	254878	5.431	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	44115	5.490	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	208813	5.441	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	214631	5.454	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	110705	5.372	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	110551	5.310	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	106991	5.447	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	9165	5.576	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	75782	5.223	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	59869	5.265	ug/L	99
71) Naphthalene	14.092	128	118339	5.458	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	57482	5.521	ug/L	99

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