

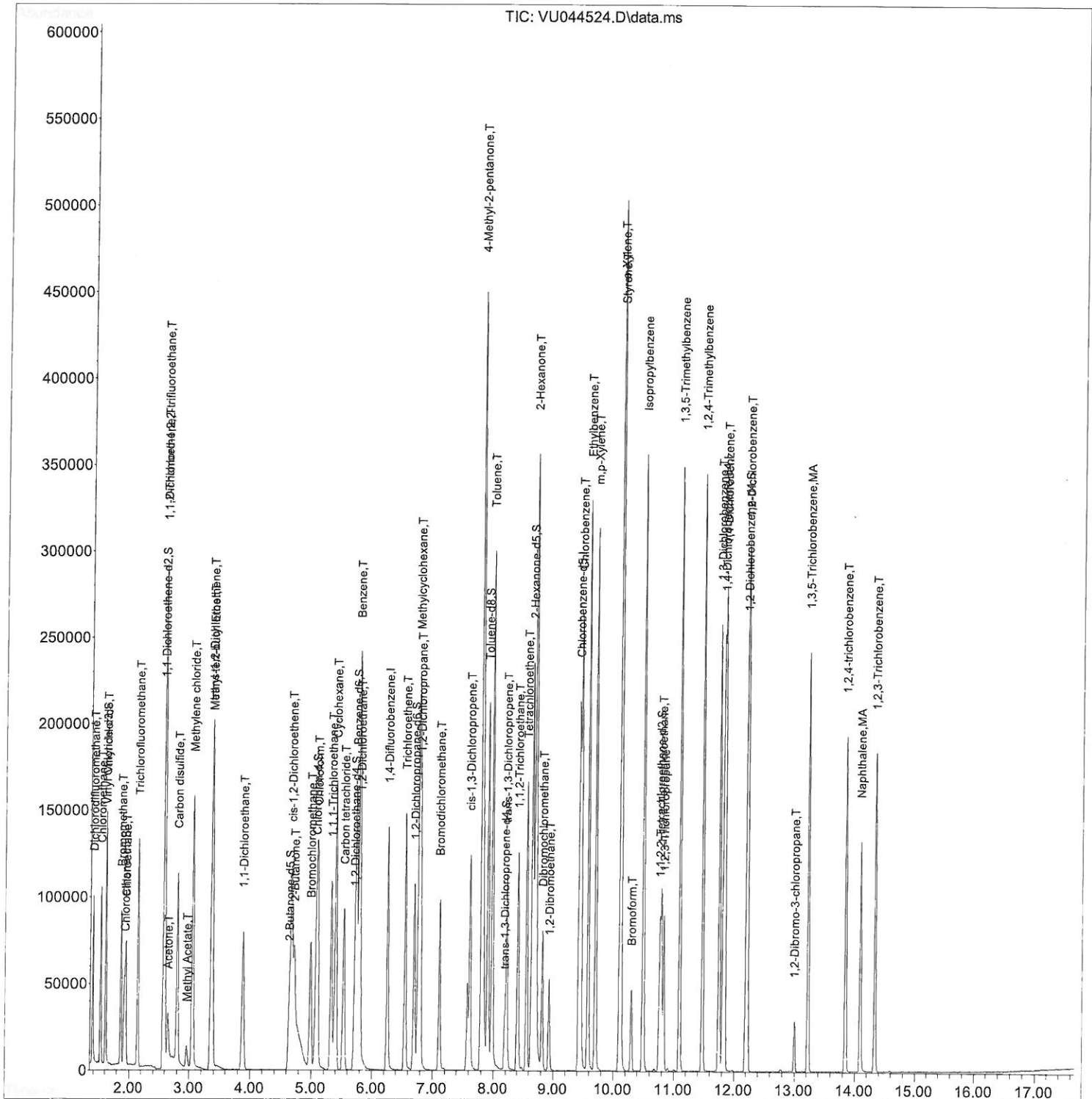
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082421\
 Data File : VU044524.D
 Acq On : 24 Aug 2021 15:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC005EC

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 12:39:17 PM

Quant Time: Aug 25 03:52:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 25 03:50:31 2021
 Response via : Initial Calibration



Quantitation Report (Qedit)

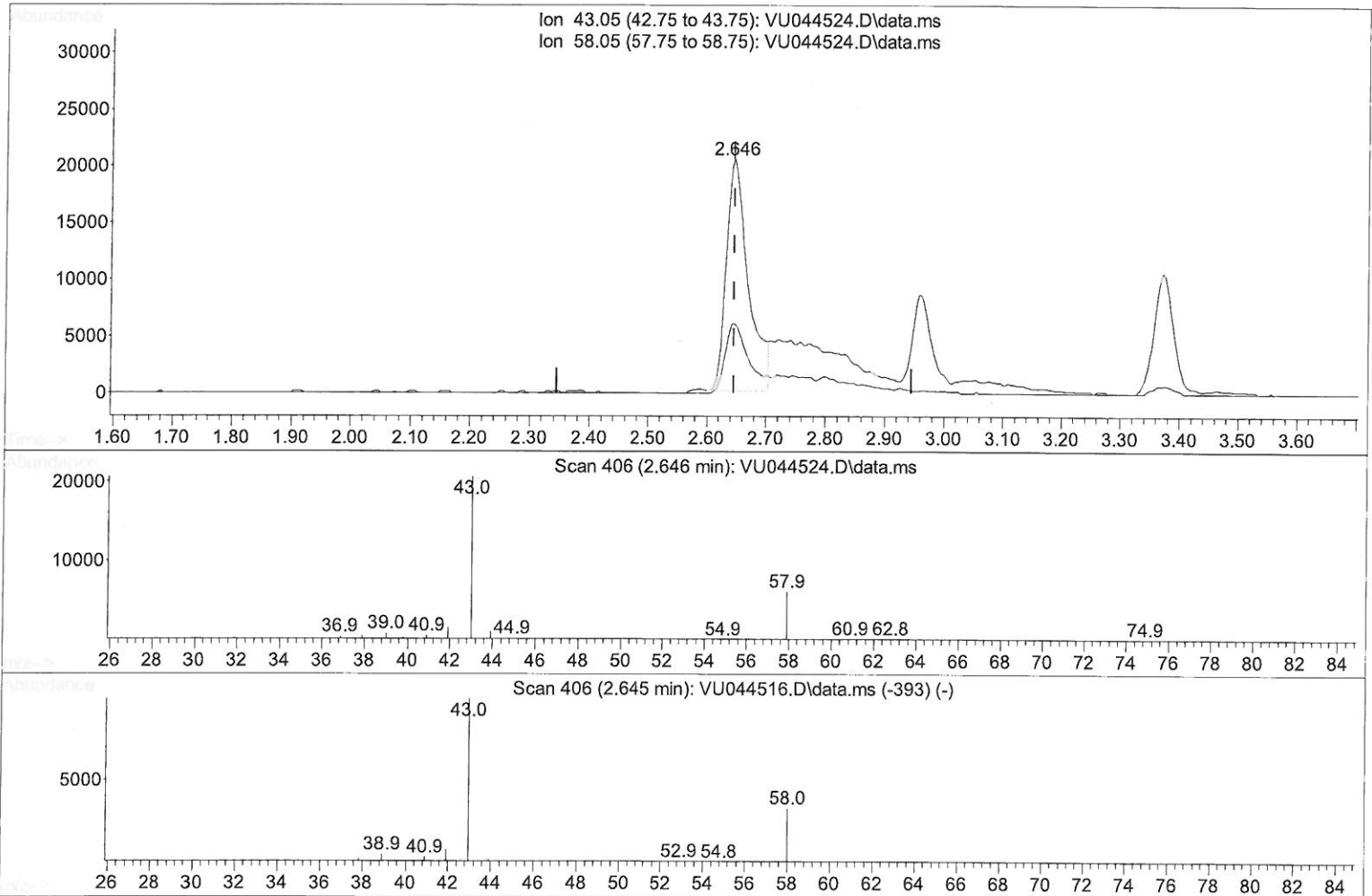
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TIC: VU044524.D\data.ms

(13) Acetone (T)

2.646min (+ 0.000) 25.62 ug/L

response 53023

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	22.70	30.91
0.00	0.00	0.00
0.00	0.00	0.00

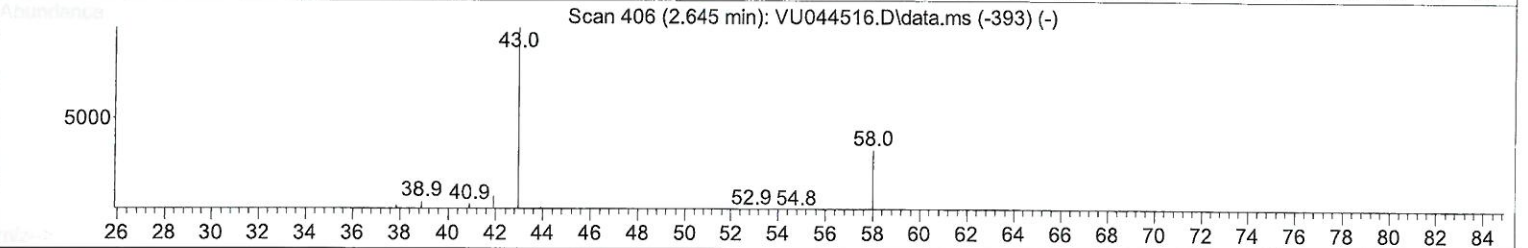
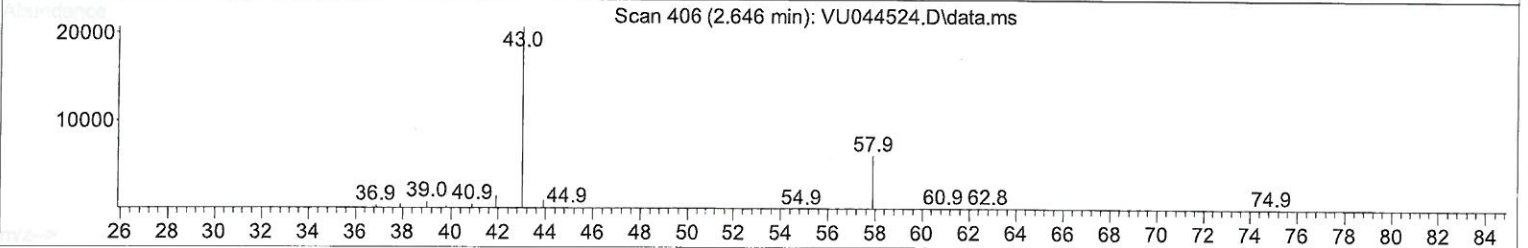
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Manual Integrations

MMDadoda
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Ion 43.05 (42.75 to 43.75): VU044524.D\data.ms
 Ion 58.05 (57.75 to 58.75): VU044524.D\data.ms

2.646



TIC: VU044524.D\data.ms

2.646min (+ 0.000) 46.56 ug/L m

Ion	Exp%	Act%
-----	------	------

43.05	100.00	100.00
-------	--------	--------

58.05	22.70	17.00
-------	-------	-------

0.00	0.00	0.00
------	------	------

0.00 0.00 0.00

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Quantitation Report (Qedit)

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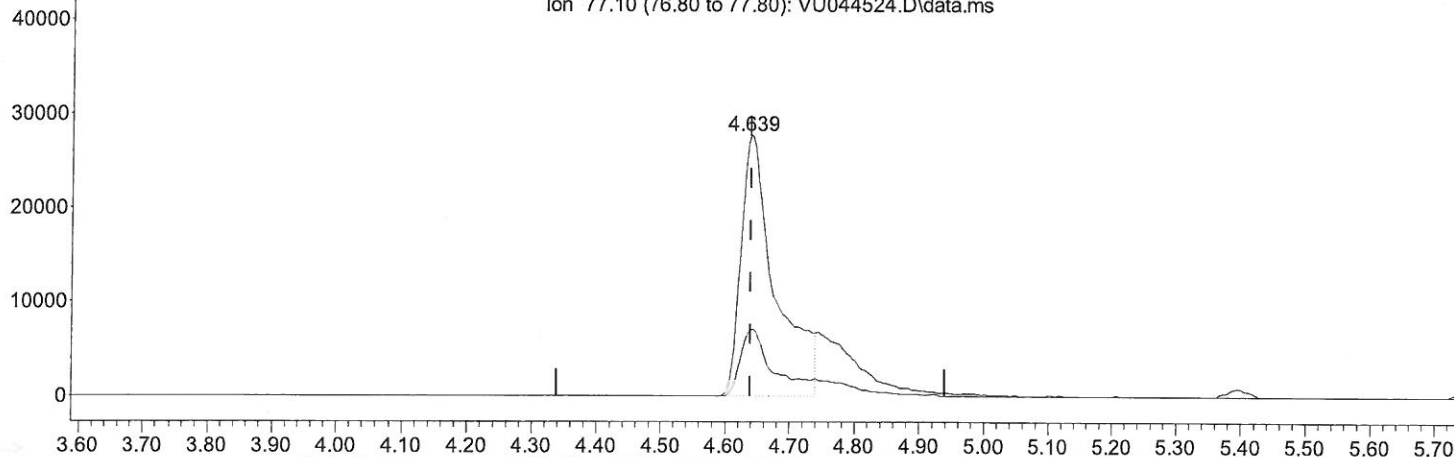
Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC005EC

Manual Integrations
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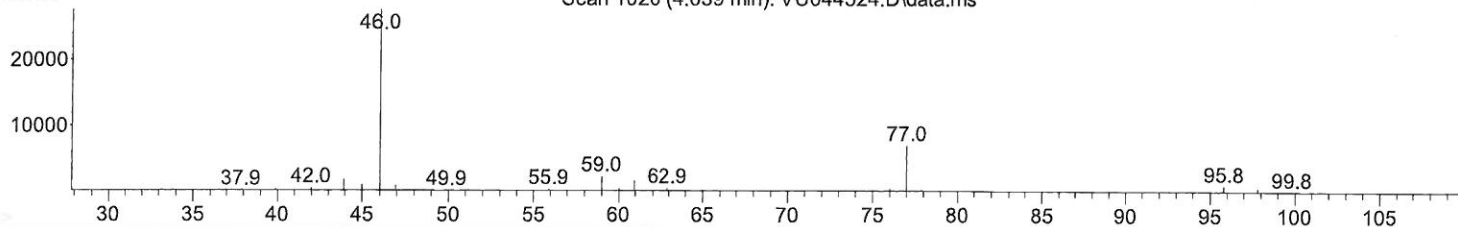
MMDadoda
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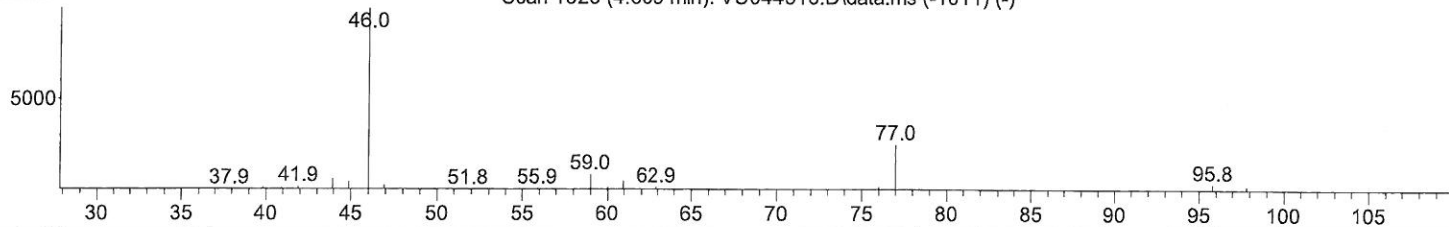
Ion 46.10 (45.80 to 46.80): VU044524.D\data.ms
 Ion 77.10 (76.80 to 77.80): VU044524.D\data.ms



Scan 1026 (4.639 min): VU044524.D\data.ms



Scan 1026 (4.639 min): VU044516.D\data.ms (-1011) (-)



TIC: VU044524.D\data.ms

(20) 2-Butanone-d5 (S)

4.639min (+ 0.000) 40.97 ug/L

response 102133

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.00	21.58
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

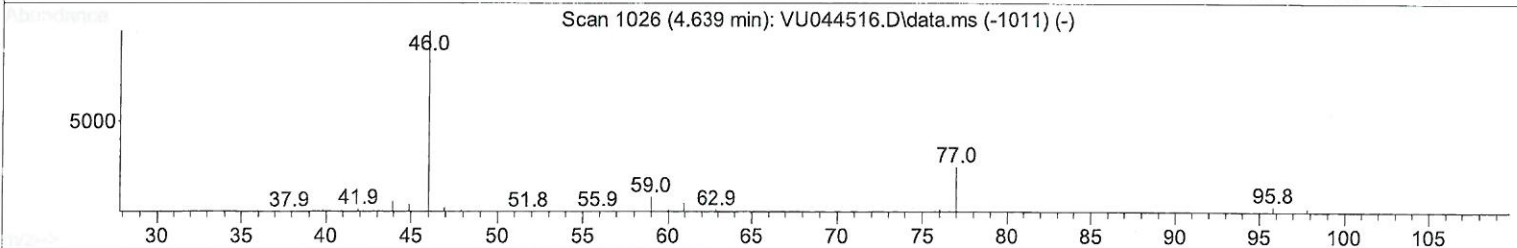
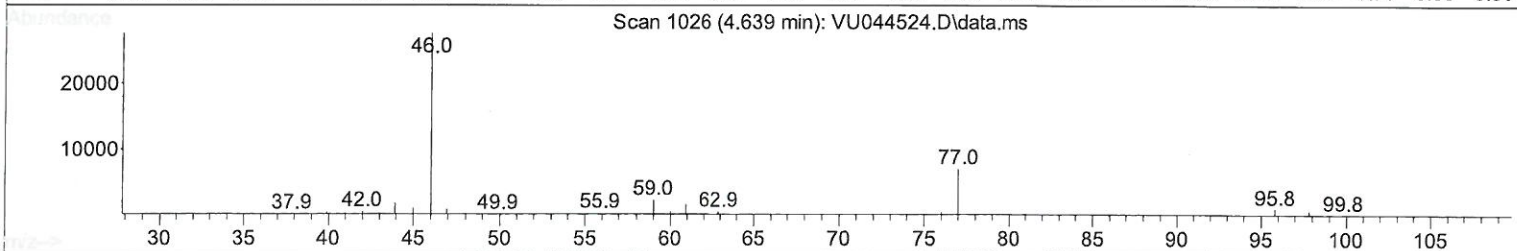
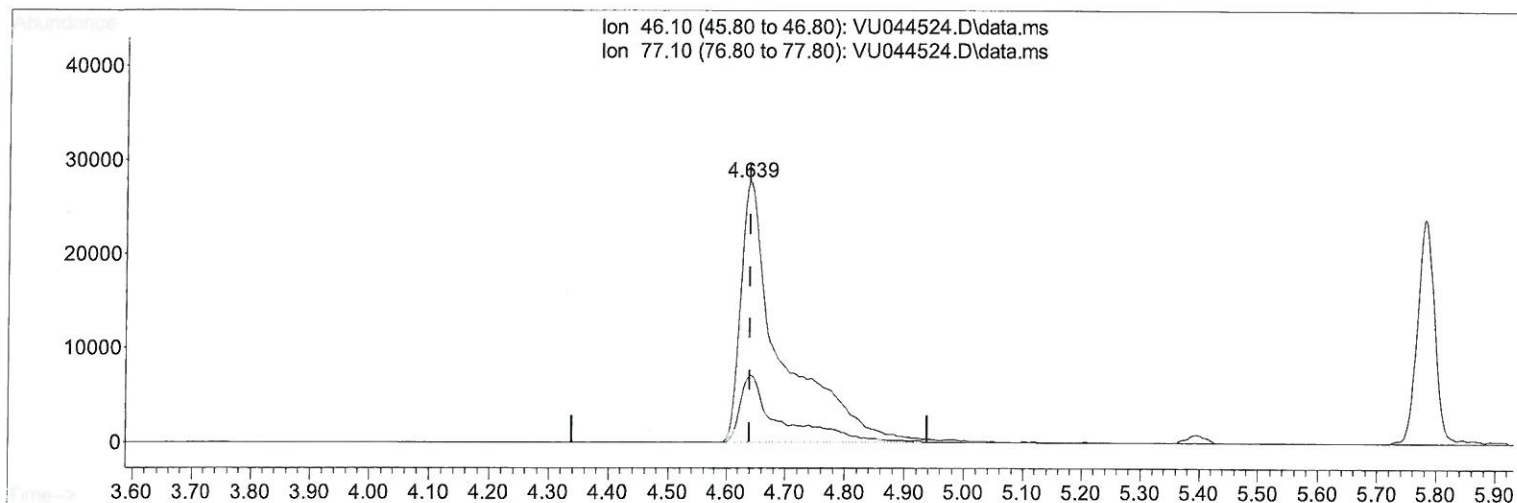
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Manual Integrations
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TIC: VU044524.D\data.ms

(20) 2-Butanone-d5 (S)

4.639min (+ 0.000) 53.02 ug/L m

response 132157

Ion Exp% Act%

46.10 100.00 100.00

77.10 25.00 16.67#

0.00 0.00 0.00

0.00 0.00 0.00

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Quantitation Report (Qedit)

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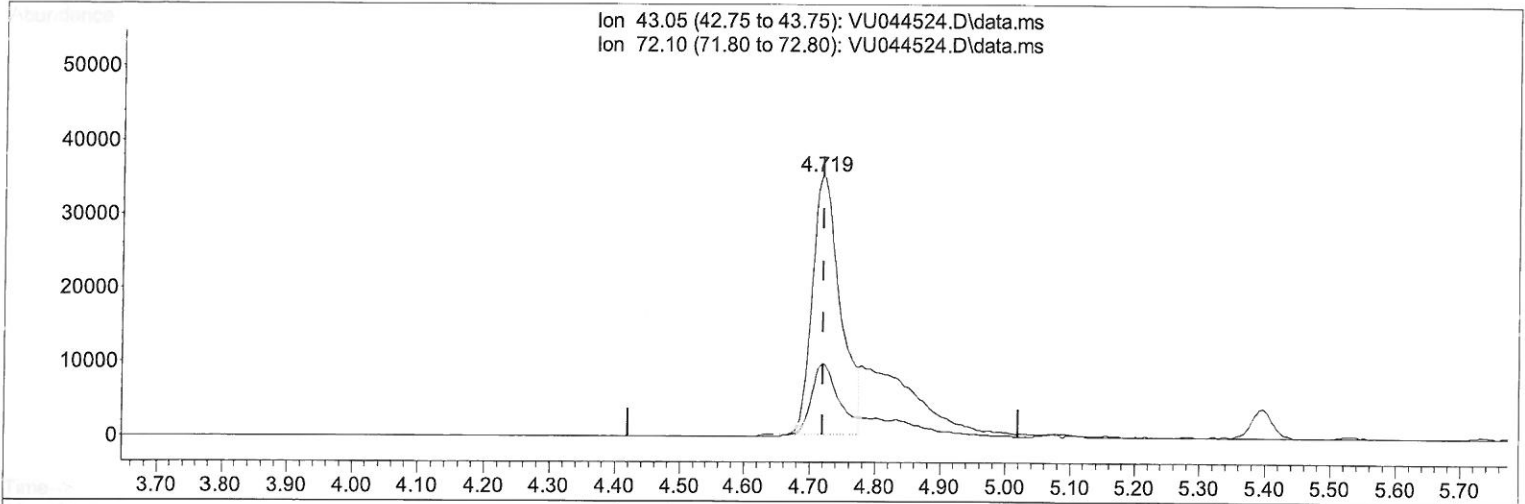
Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC005EC

Manual Integrations
 APPROVED

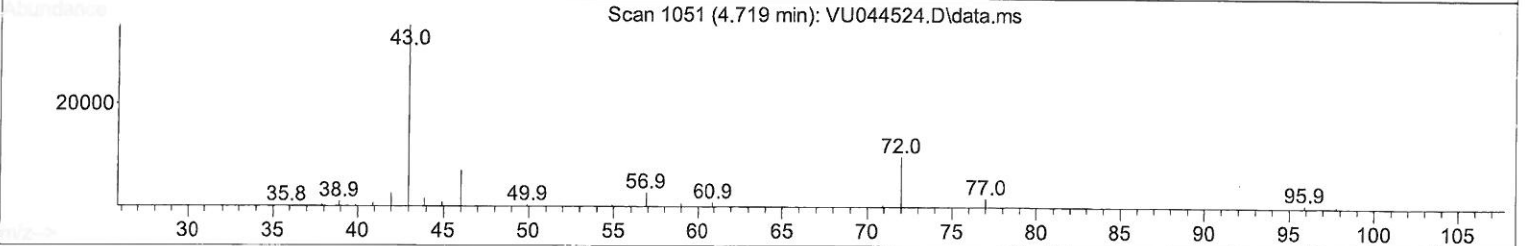
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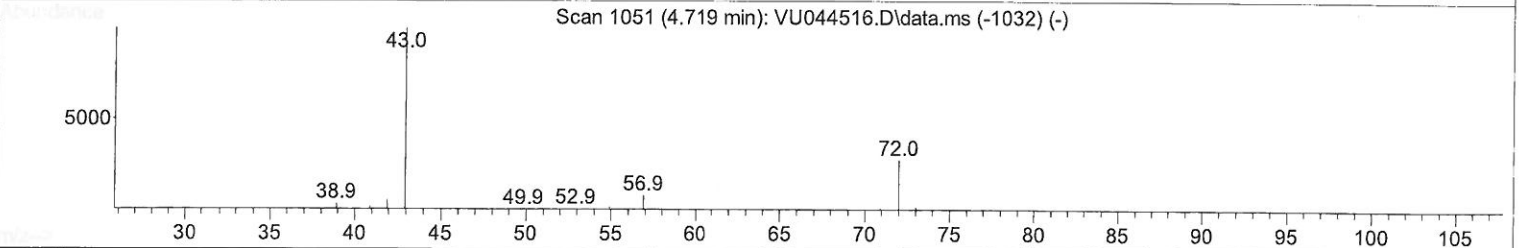
Ion 43.05 (42.75 to 43.75): VU044524.D\data.ms
 Ion 72.10 (71.80 to 72.80): VU044524.D\data.ms



Scan 1051 (4.719 min): VU044524.D\data.ms



Scan 1051 (4.719 min): VU044516.D\data.ms (-1032) (-)



TIC: VU044524.D\data.ms

(21) 2-Butanone (T)

4.719min (+ 0.000) 35.52 ug/L

response 104788

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.30	30.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

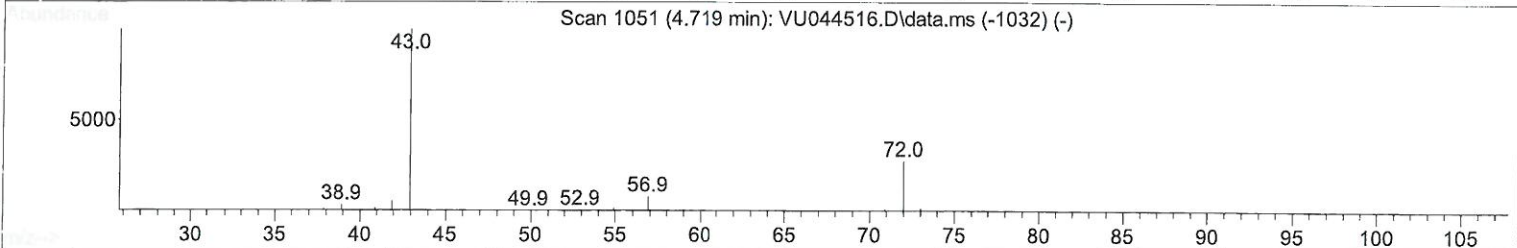
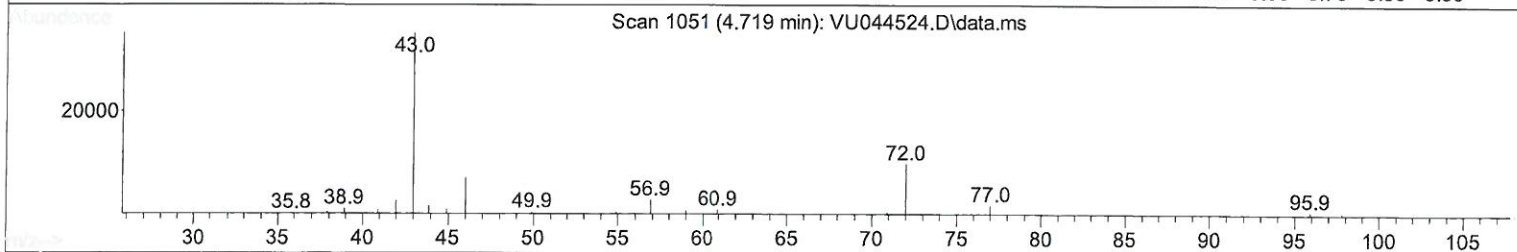
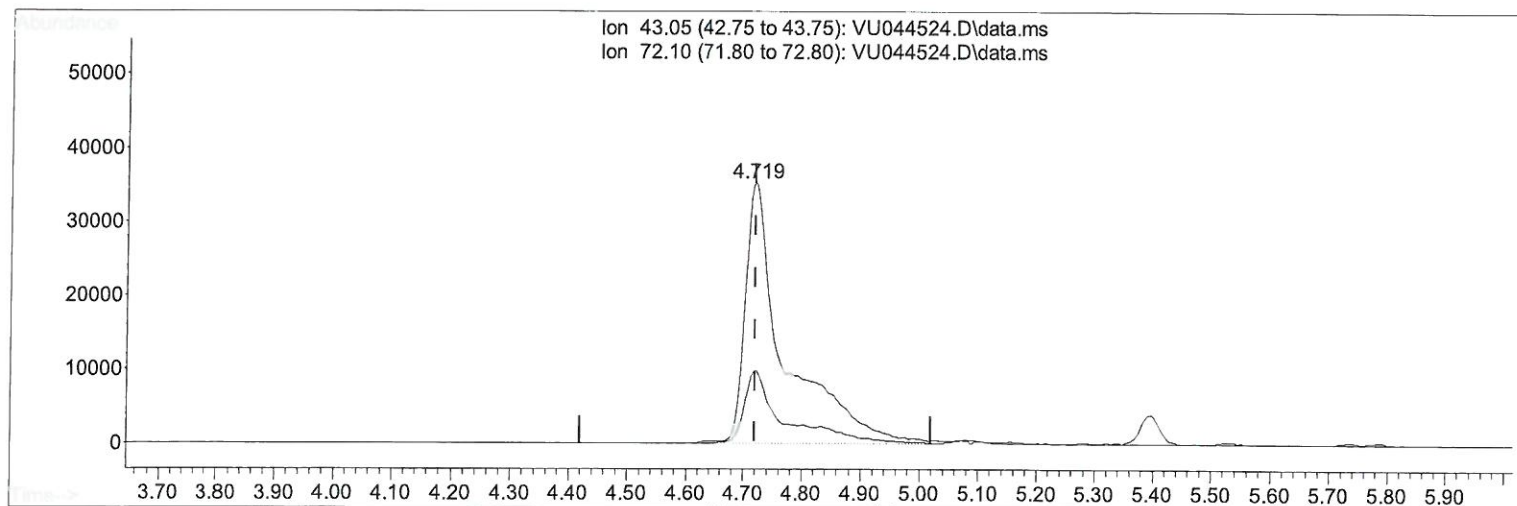
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 ALS Vial : 11 Sample Multiplier: 1

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 LabSampleId :
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TIC: VU044524.D\data.ms

(21) 2-Butanone (T)

4.719min (+ 0.000) 56.19 ug/L m

response 165734

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.30	19.35
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111445	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	112644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33675	3.736	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	74.800%		
7) Chloroethane-d5	1.919	69	34041	4.346	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	87.000%		
11) 1,1-Dichloroethene-d2	2.572	65	16856	4.396	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	88.000%		
20) 2-Butanone-d5	4.639	46	132157m	53.017	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	106.040%		
24) Chloroform-d	5.073	84	79485	4.987	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.800%		
26) 1,2-Dichloroethane-d4	5.710	65	41587	4.785	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.600%		
32) Benzene-d6	5.735	84	154474	4.870	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.400%		
36) 1,2-Dichloropropane-d6	6.700	67	49338	4.862	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.200%		
41) Toluene-d8	7.903	98	136760	4.862	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.200%		
43) trans-1,3-Dichloroprop...	8.186	79	17608	4.832	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	96.600%		
46) 2-Hexanone-d5	8.645	63	109936	55.785	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	111.560%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43566	5.098	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	102.000%		
66) 1,2-Dichlorobenzene-d4	12.198	152	47493	4.861	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	97.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	59502	5.192	ug/L	99
3) Chloromethane	1.520	50	72412	4.823	ug/L	100
5) Vinyl chloride	1.607	62	72744	5.241	ug/L	97
6) Bromomethane	1.861	94	40609	5.382	ug/L	99
8) Chloroethane	1.938	64	44081	5.195	ug/L	97
9) Trichlorofluoromethane	2.144	101	83998	5.293	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	47504	5.440	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44890	5.241	ug/L	97
13) Acetone	2.646	43	96379m	46.562	ug/L	
14) Carbon disulfide	2.800	76	138764	4.995	ug/L	100
15) Methyl Acetate	2.961	43	16099	4.762	ug/L #	90
16) Methylene chloride	3.054	84	74233	5.834	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	117712	5.314	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	47639	5.338	ug/L	99
19) 1,1-Dichloroethane	3.877	63	92509	5.347	ug/L	99
21) 2-Butanone	4.719	43	165734m	56.186	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	50967	5.342	ug/L	98
23) Bromochloromethane	4.983	128	22854	5.433	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.096	83	93461	5.266	ug/L	100
27) 1,2-Dichloroethane	5.803	62	61321	5.179	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	76232	5.407	ug/L	99
30) Cyclohexane	5.398	56	82687	5.306	ug/L	99
31) Carbon tetrachloride	5.533	117	62293	5.377	ug/L	100
33) Benzene	5.780	78	210084	5.497	ug/L	100
34) Trichloroethene	6.549	95	51845	5.487	ug/L	99
35) Methylcyclohexane	6.771	83	82876	5.259	ug/L	100
37) 1,2-Dichloropropane	6.800	63	55256	5.522	ug/L	99
38) Bromodichloromethane	7.112	83	66404	5.404	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	74941	5.340	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	382777	56.334	ug/L	100
42) Toluene	7.977	91	218453	5.487	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	62783	5.278	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	39322	5.510	ug/L	94
47) Tetrachloroethene	8.559	164	35398	5.418	ug/L	98
48) 2-Hexanone	8.694	43	281779	58.118	ug/L	99
49) Dibromochloromethane	8.816	129	41054	5.436	ug/L	96
50) 1,2-Dibromoethane	8.931	107	37314	5.466	ug/L	99
51) Chlorobenzene	9.452	112	132710	5.432	ug/L	99
52) Ethylbenzene	9.578	91	230780	5.488	ug/L	100
53) m,p-Xylene	9.700	106	88210	5.579	ug/L	99
54) o-Xylene	10.105	106	85866	5.576	ug/L	99
55) Styrene	10.121	104	149480	5.920	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	51532	5.484	ug/L	99
59) Bromoform	10.298	173	20204	4.945	ug/L	96
60) Isopropylbenzene	10.491	105	225874	5.352	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	38374	5.310	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	186387	5.401	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	189507	5.355	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	98424	5.311	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	98519	5.262	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	94822	5.368	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7669	5.188	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	67131	5.145	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	54702	5.349	ug/L	99
71) Naphthalene	14.092	128	104087	5.338	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	51262	5.475	ug/L	98

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