

Quantitation Report (QT Reviewed)

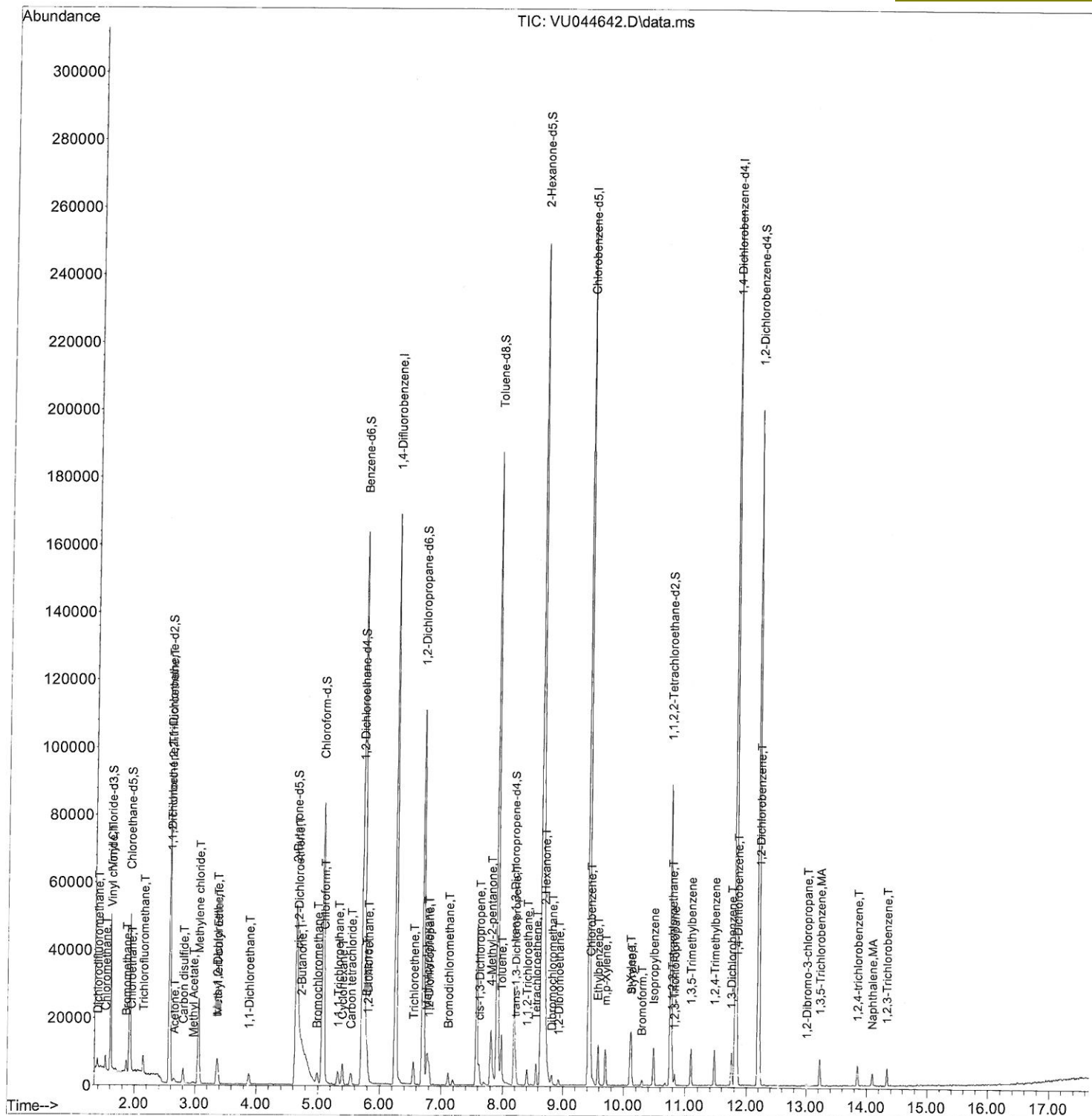
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
Data File : VU044642.D
Acq On : 15 Sep 2021 14:58
Operator : SY/MD
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
Client Sample ID :
MDL05

Quant Time: Sep 16 02:40:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 16 01:40:15 2021
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

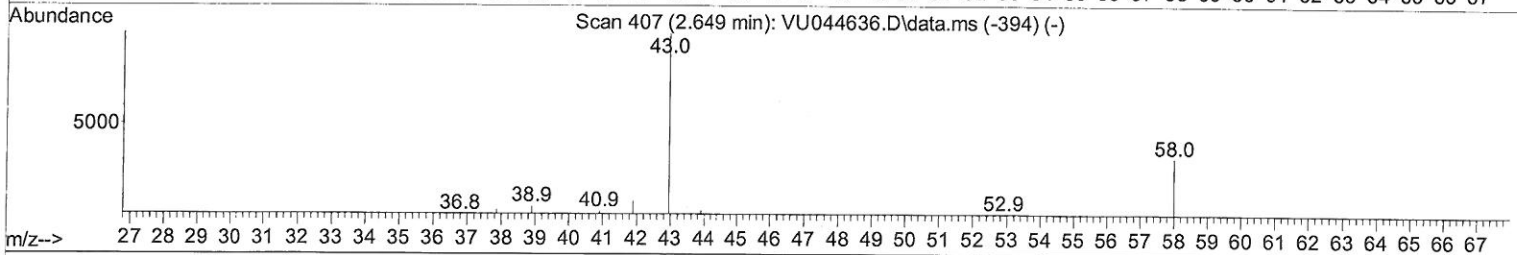
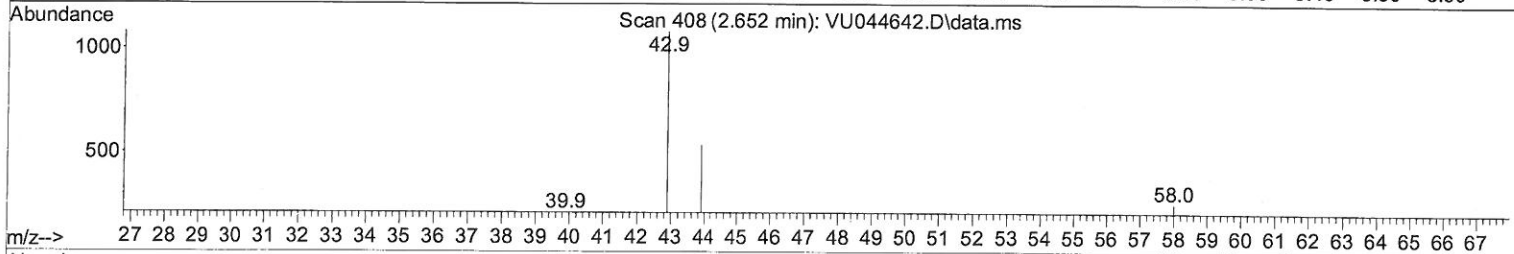
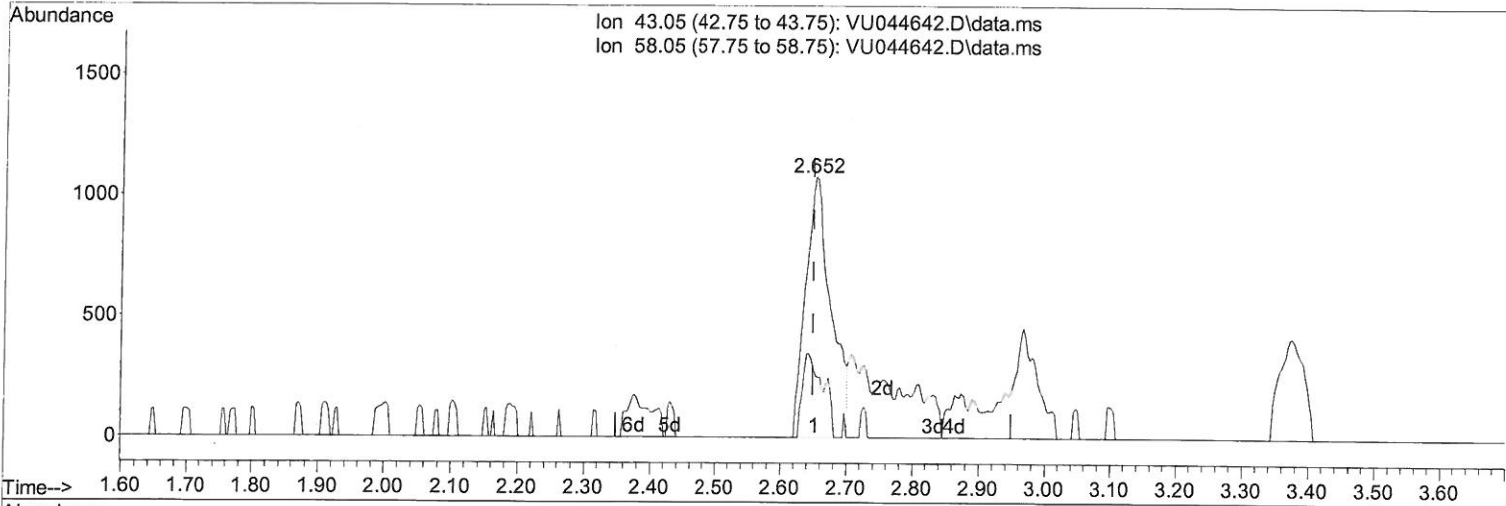
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TIC: VU044642.D\data.ms

(13) Acetone (T)

2.652min (+ 0.003) 1.34 ug/L

response 2841

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	20.52
0.00	0.00	0.00
0.00	0.00	0.00

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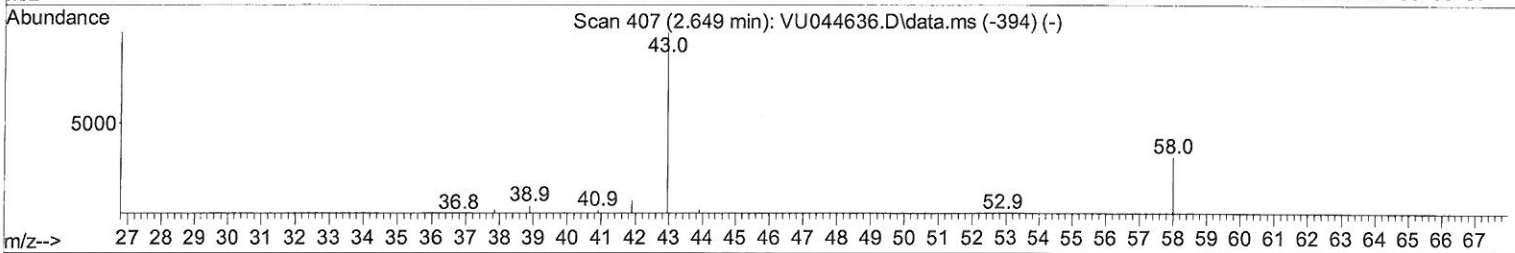
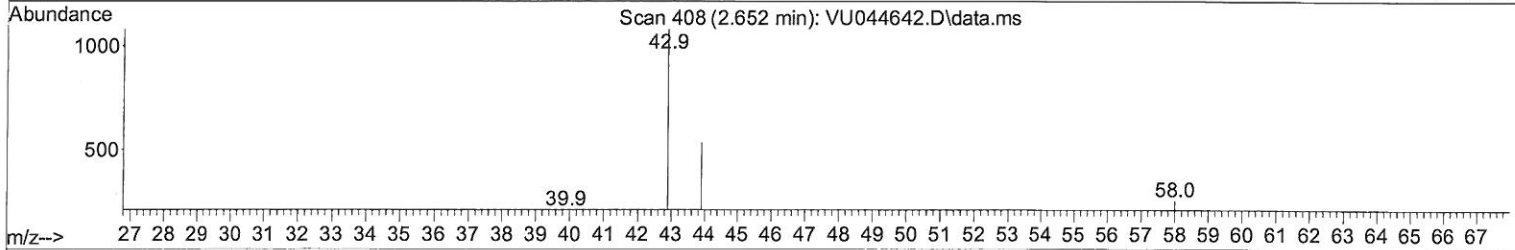
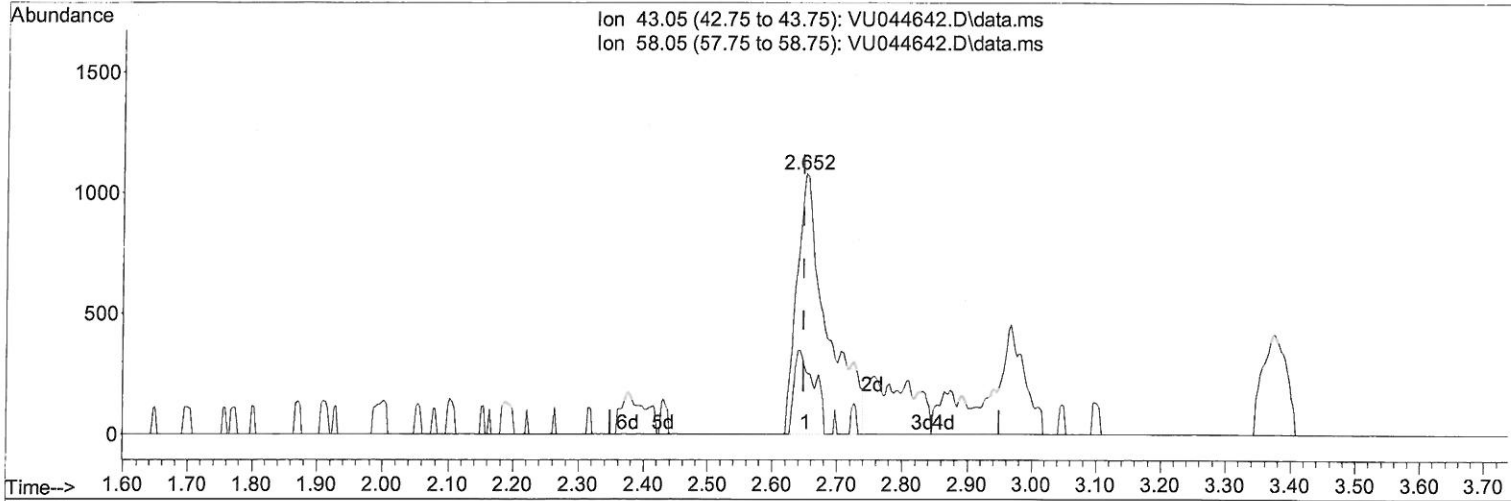
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TIC: VU044642.D\data.ms

(13) Acetone (T)

2.652min (+ 0.003) 1.64 ug/L m

response 3480

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	16.75
0.00	0.00	0.00
0.00	0.00	0.00

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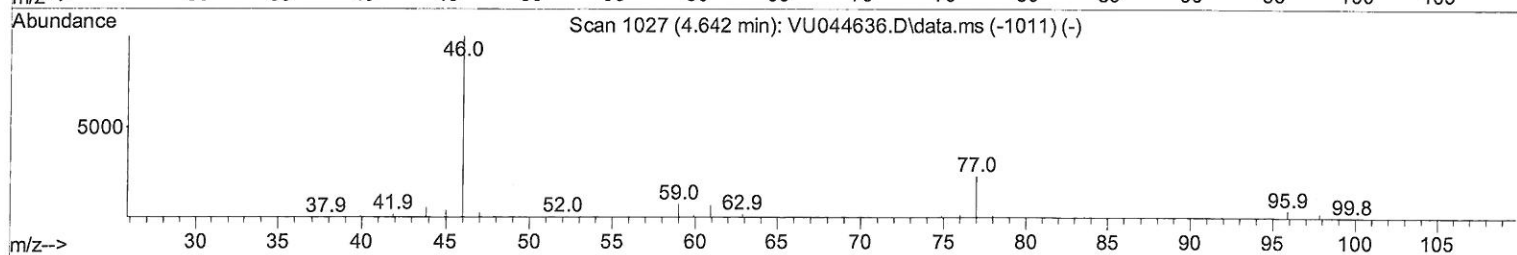
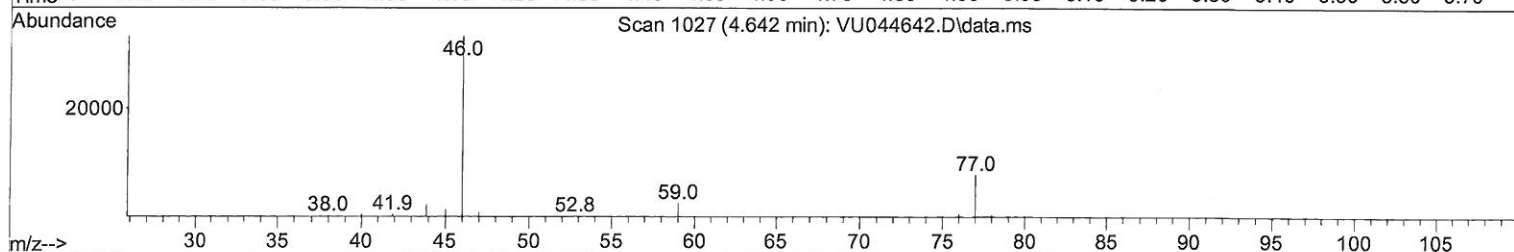
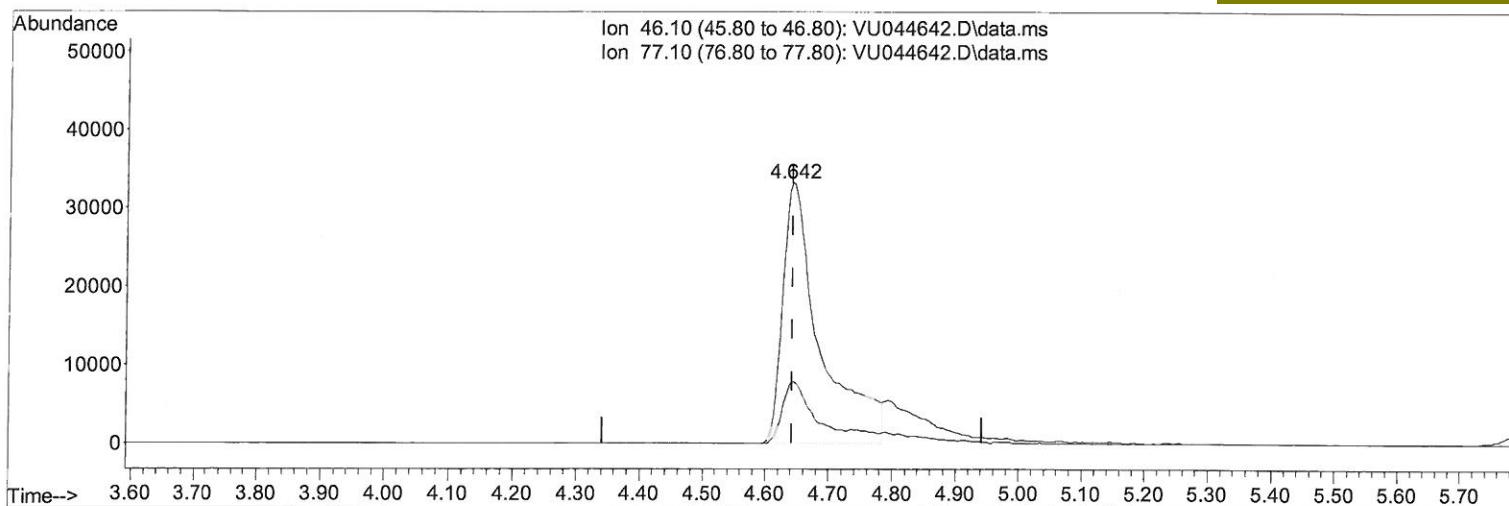
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TIC: VU044642.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 41.80 ug/L

response 135872

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	19.48
0.00	0.00	0.00
0.00	0.00	0.00

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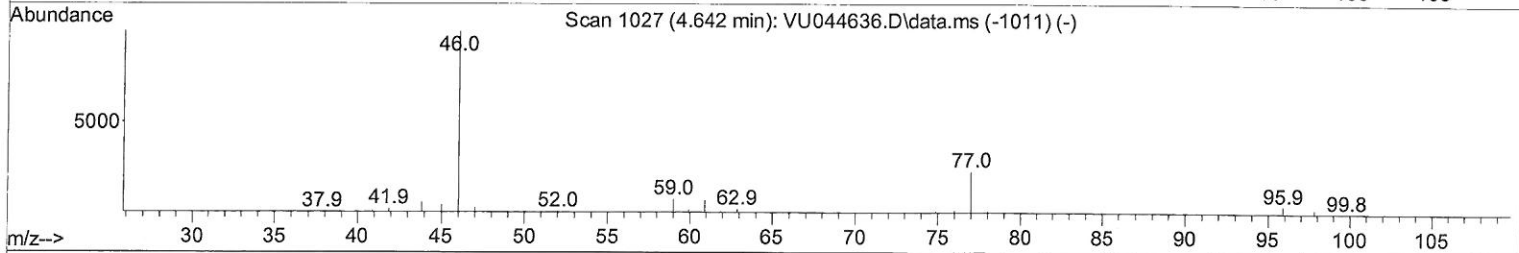
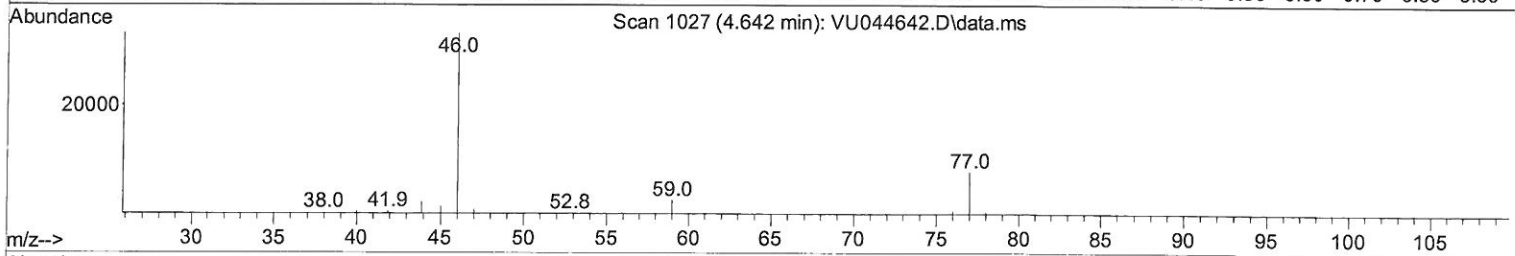
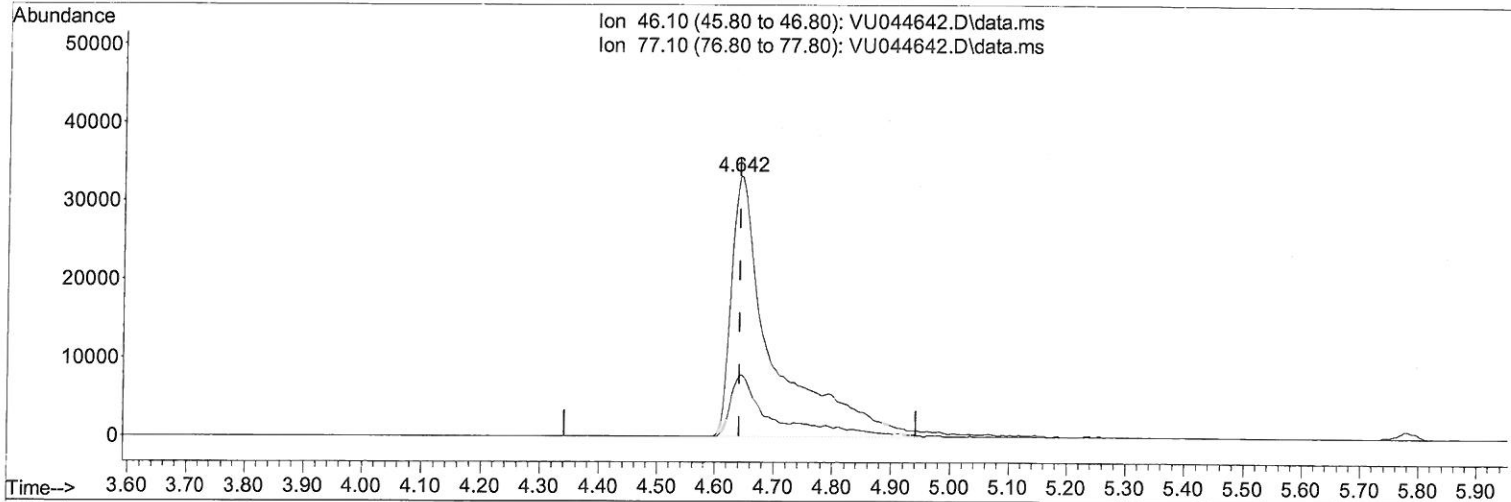
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TIC: VU044642.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 49.80 ug/L m

response 161898

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	16.35
0.00	0.00	0.00
0.00	0.00	0.00

MD
 09/21/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	131431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	65233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29500	3.804	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	76.000%		
7) Chloroethane-d5	1.919	69	34072	4.305	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.200%		
11) 1,1-Dichloroethene-d2	2.575	65	15859	4.049	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	81.000%		
20) 2-Butanone-d5	4.642	46	161898m	49.802	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.600%		
24) Chloroform-d	5.073	84	74385	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.200%		
26) 1,2-Dichloroethane-d4	5.710	65	44558	4.581	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.600%		
32) Benzene-d6	5.735	84	146176	4.203	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.000%		
36) 1,2-Dichloropropane-d6	6.700	67	51539	4.512	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.200%		
41) Toluene-d8	7.906	98	121219	4.003	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.000%		
43) trans-1,3-Dichloroprop...	8.185	79	16141	4.008	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.200%		
46) 2-Hexanone-d5	8.645	63	118206	45.674	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	91.340%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46329	4.574	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.198	152	47474	4.410	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	88.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1953	0.186	ug/L	97
3) Chloromethane	1.520	50	2796	0.222	ug/L	96
5) Vinyl chloride	1.607	62	2858	0.222	ug/L #	76
6) Bromomethane	1.864	94	1536	0.233	ug/L	92
8) Chloroethane	1.941	64	1955	0.239	ug/L	88
9) Trichlorofluoromethane	2.144	101	3086	0.213	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2192	0.247	ug/L #	85
12) 1,1-Dichloroethene	2.584	96	2043	0.242	ug/L #	1
13) Acetone	2.652	43	3480m	1.644	ug/L	
14) Carbon disulfide	2.800	76	5224	0.195	ug/L	99
15) Methyl Acetate	2.967	43	1050	0.275	ug/L #	49
16) Methylene chloride	3.054	84	11576	0.862	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	4434	0.190	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	1832	0.204	ug/L	98
19) 1,1-Dichloroethane	3.874	63	3921	0.216	ug/L	99
21) 2-Butanone	4.729	43	4843	1.370	ug/L #	78
22) cis-1,2-Dichloroethene	4.678	96	2088	0.211	ug/L	88
23) Bromochloromethane	4.983	128	771	0.184	ug/L	93

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	5.096	83	9009	0.466 ug/L	99
27) 1,2-Dichloroethane	5.803	62	2861	0.226 ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	3073	0.207 ug/L	95
30) Cyclohexane	5.395	56	3049	0.179 ug/L	94
31) Carbon tetrachloride	5.533	117	2222	0.191 ug/L	97
33) Benzene	5.784	78	8450	0.209 ug/L	100
34) Trichloroethene	6.552	95	2115	0.211 ug/L	89
35) Methylcyclohexane	6.764	83	3454	0.210 ug/L #	86
37) 1,2-Dichloropropane	6.796	63	2317	0.214 ug/L #	88
38) Bromodichloromethane	7.115	83	2606	0.198 ug/L #	90
39) cis-1,3-Dichloropropene	7.616	75	2972	0.193 ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	15388	1.822 ug/L #	89
42) Toluene	7.976	91	9944	0.235 ug/L	95
44) trans-1,3-Dichloropropene	8.214	75	2458	0.187 ug/L	84
45) 1,1,2-Trichloroethane	8.411	97	1514	0.196 ug/L	97
47) Tetrachloroethene	8.558	164	1311	0.188 ug/L	92
48) 2-Hexanone	8.700	43	16322	2.597 ug/L #	95
49) Dibromochloromethane	8.816	129	1495	0.184 ug/L	84
50) 1,2-Dibromoethane	8.931	107	1331	0.183 ug/L #	85
51) Chlorobenzene	9.452	112	5592	0.213 ug/L	94
52) Ethylbenzene	9.575	91	8267	0.180 ug/L	97
53) m,p-Xylene	9.700	106	3046	0.175 ug/L	99
54) o-Xylene	10.105	106	2827	0.170 ug/L	86
55) Styrene	10.121	104	4755	0.163 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	2197	0.212 ug/L #	99
59) Bromoform	10.298	173	808	0.199 ug/L #	79
60) Isopropylbenzene	10.491	105	7605	0.186 ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	1448	0.201 ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	6231	0.184 ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	6154	0.177 ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3837	0.202 ug/L	91
65) 1,4-Dichlorobenzene	11.845	146	4042	0.206 ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	3816	0.211 ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.008	75	298	0.188 ug/L #	75
69) 1,3,5-Trichlorobenzene	13.227	180	2682	0.185 ug/L	95
70) 1,2,4-trichlorobenzene	13.848	180	2061	0.169 ug/L	95
71) Naphthalene	14.095	128	3565	0.150 ug/L #	93
72) 1,2,3-Trichlorobenzene	14.336	180	1859	0.165 ug/L	96

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