

(QT Reviewed)

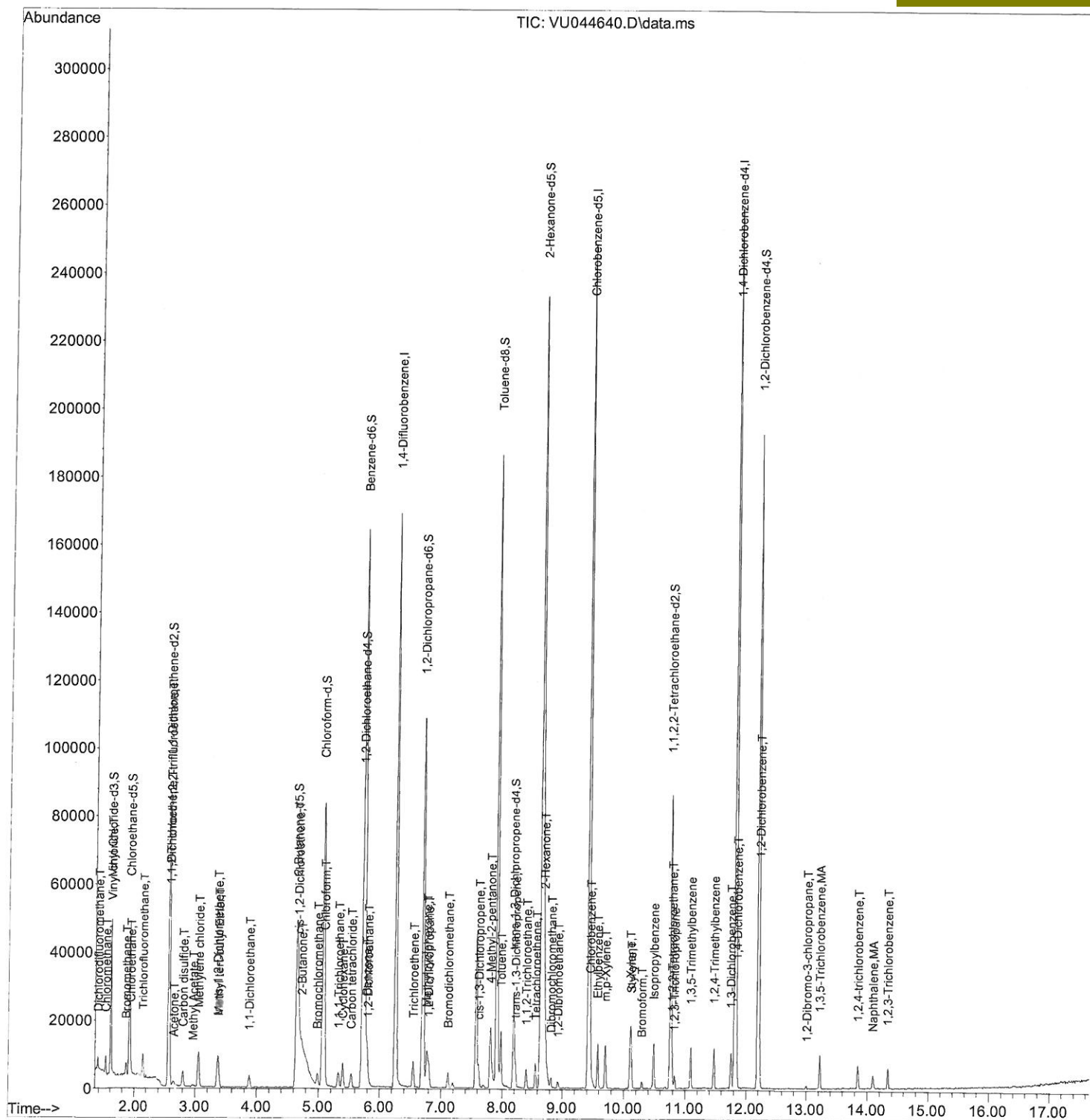
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
Data File : VU044640.D
Acq On : 15 Sep 2021 13:15
Operator : SY/MD
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Quant Time: Sep 16 02:31:11 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 APPROVED

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Quantitation Report (Qedit)

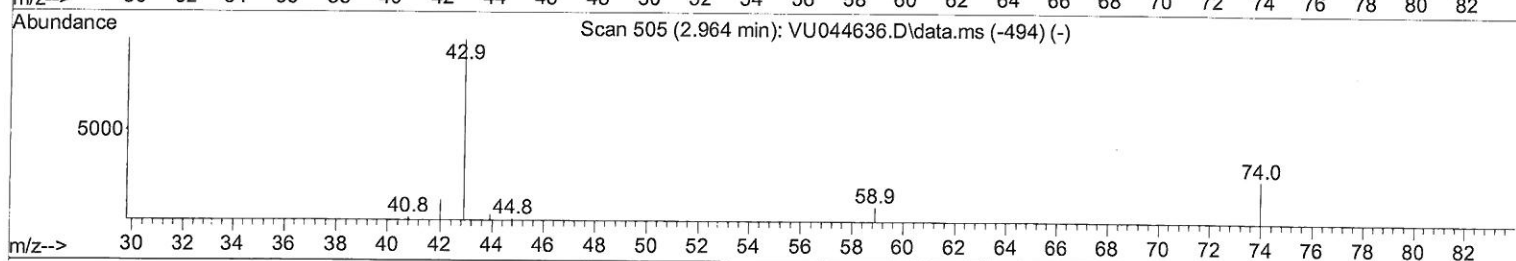
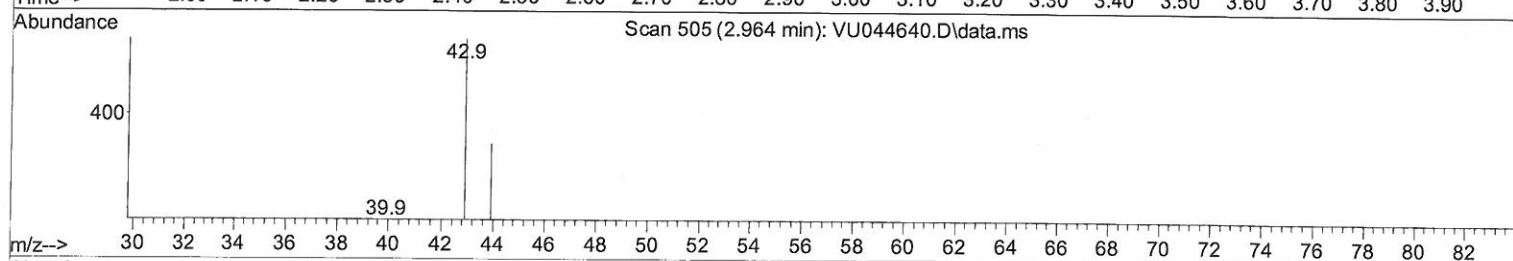
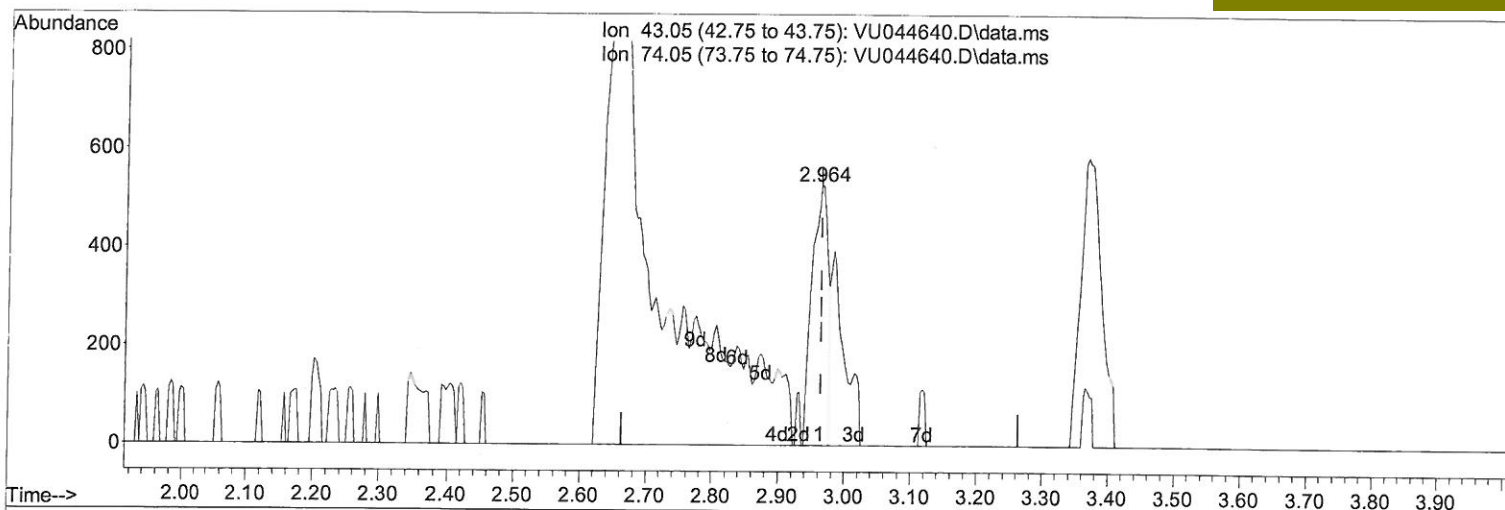
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TIC: VU044640.D\data.ms

(15) Methyl Acetate (T)

2.964min (-0.000) 0.24 ug/L

response 900

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	25.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

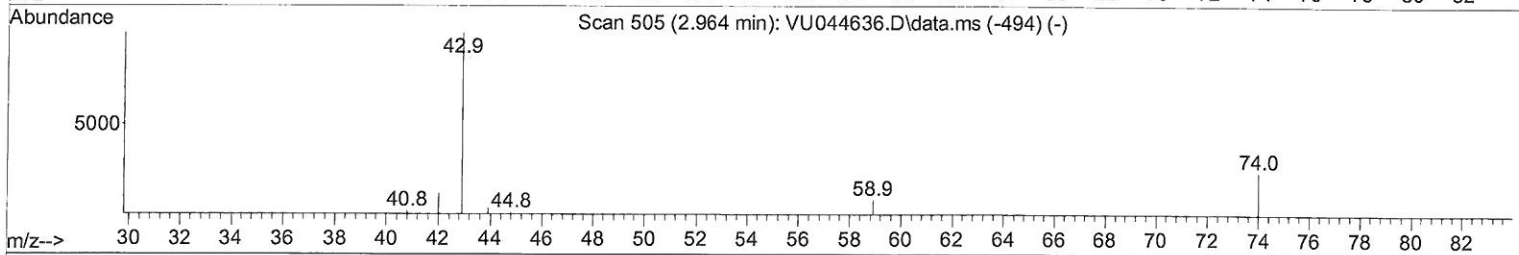
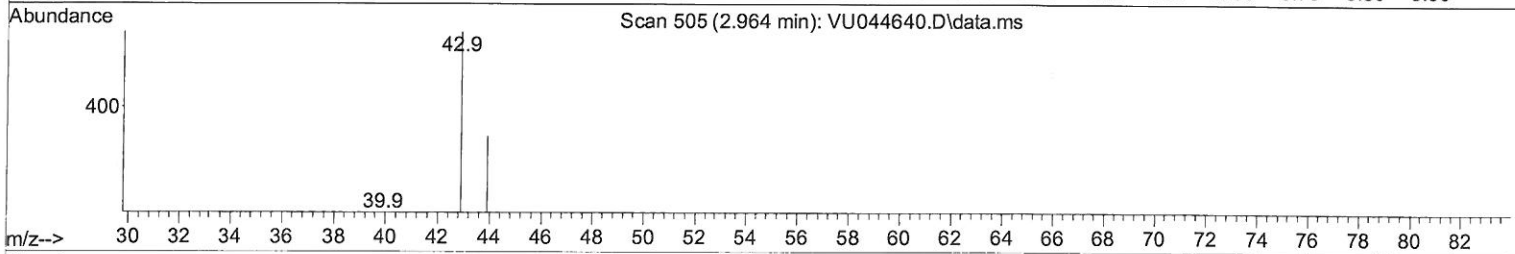
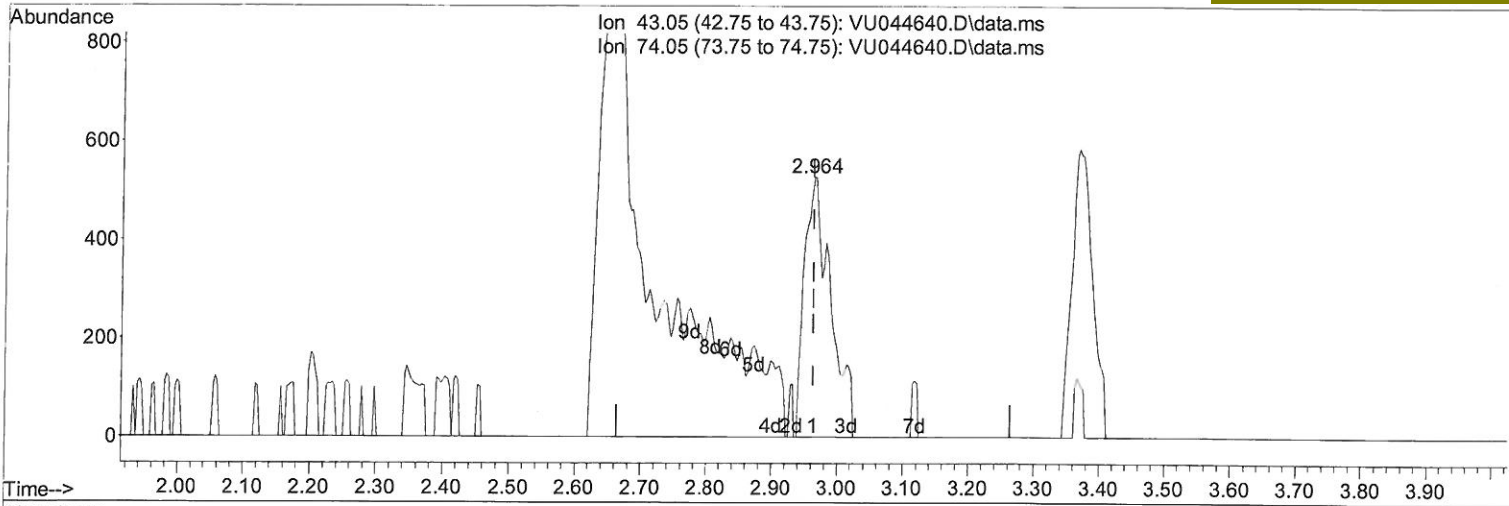
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TIC: VU044640.D\data.ms

(15) Methyl Acetate (T)

2.964min (-0.000) 0.39 ug/L m

response 1470

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	25.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

> MD
 09/21/21

Quantitation Report (Qedit)

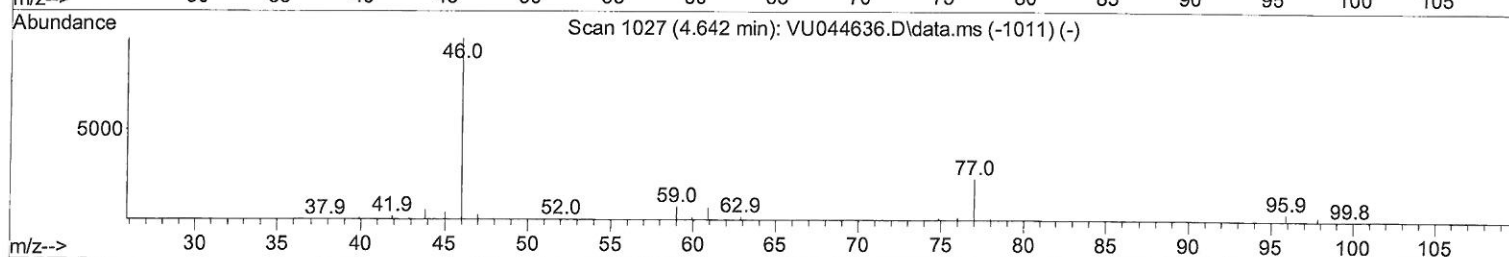
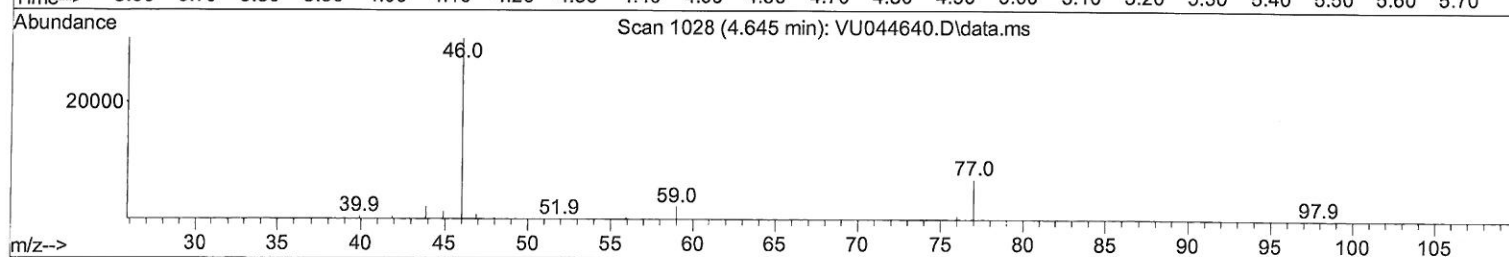
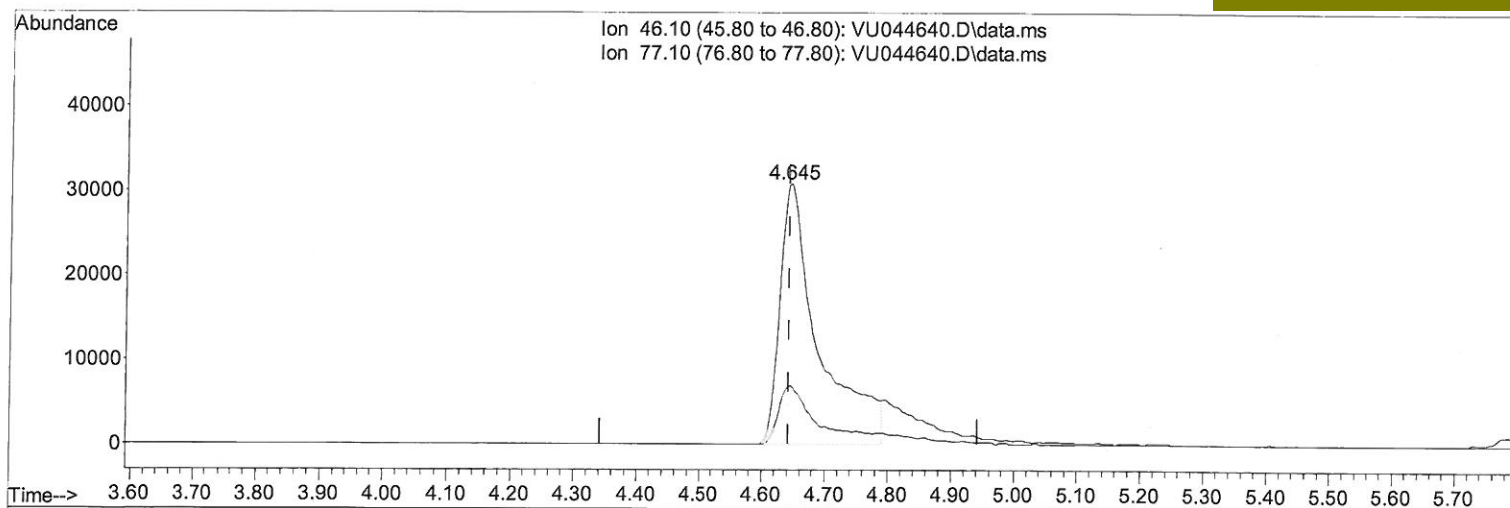
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TIC: VU044640.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 40.63 ug/L

response 131566

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	19.89
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

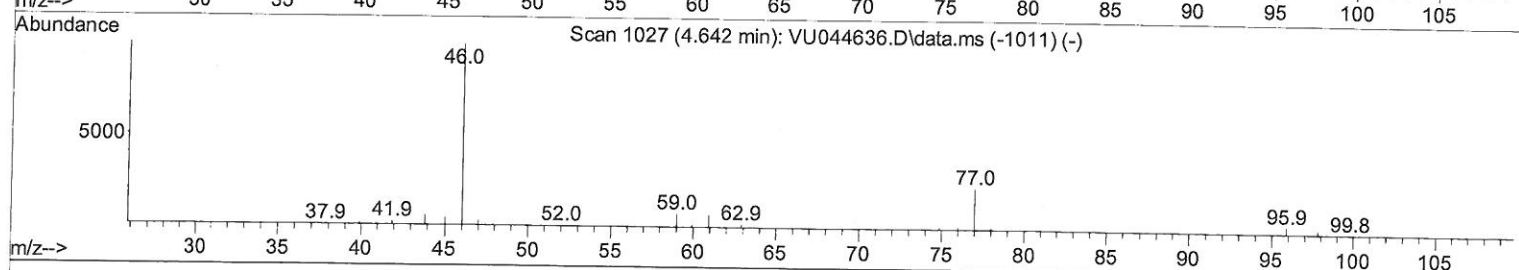
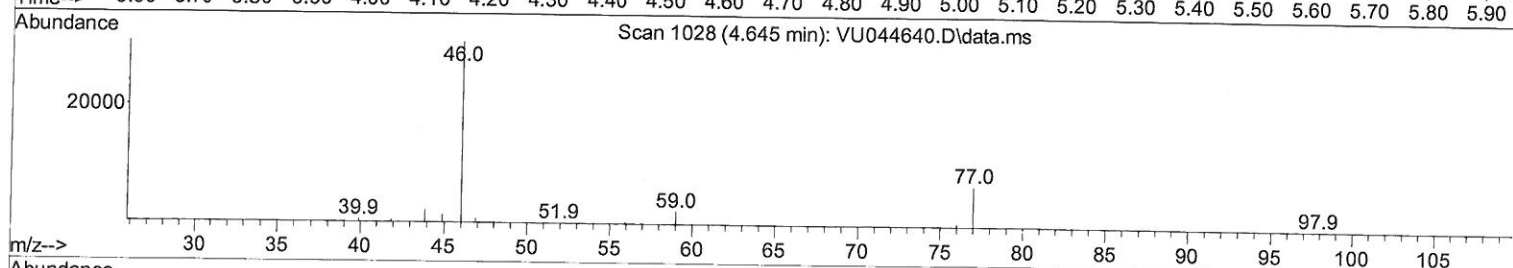
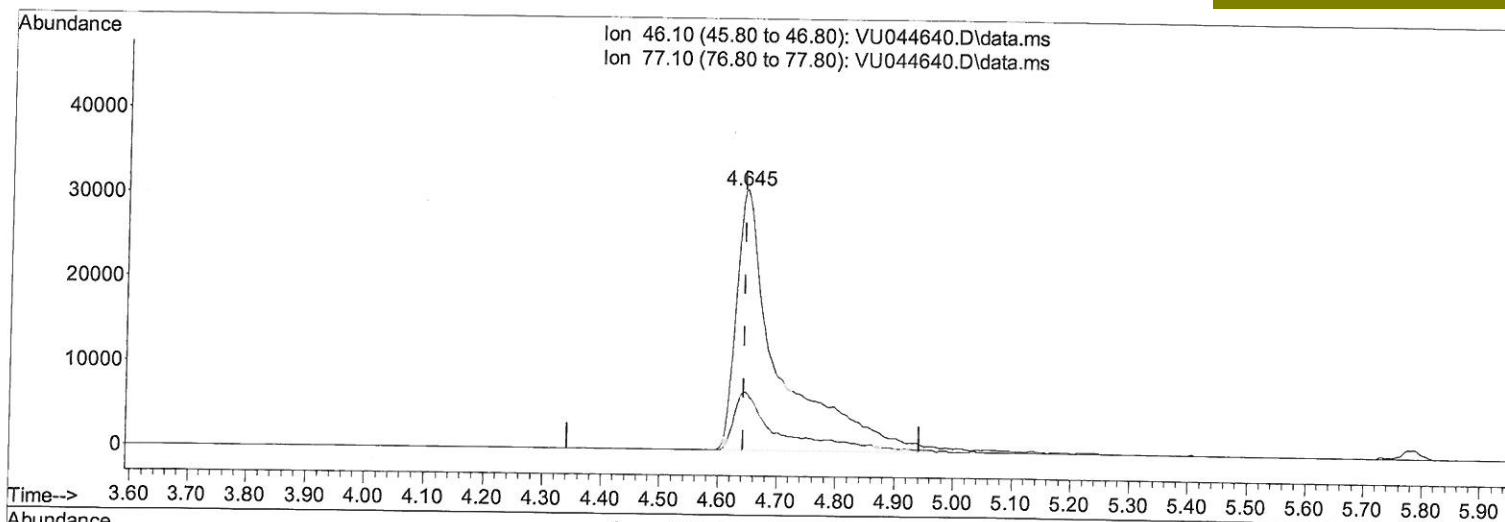
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TIC: VU044640.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 47.97 ug/L m

response 155334

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	16.85
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	130908	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	133480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	63436	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29565	3.828	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.600%	
7) Chloroethane-d5	1.919	69	33026	4.190	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.800%	
11) 1,1-Dichloroethene-d2	2.571	65	15907	4.077	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.600%	
20) 2-Butanone-d5	4.645	46	155334m	47.974	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.940%	
24) Chloroform-d	5.073	84	73078	4.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.710	65	44693	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.735	84	143982	4.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.700	67	51319	4.591	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.906	98	119134	4.021	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	8.185	79	15957	4.050	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.645	63	114080	45.050	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.100%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44232	4.463	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	12.198	152	46637	4.455	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2376	0.228	ug/L	100
3) Chloromethane	1.520	50	3282	0.262	ug/L	95
5) Vinyl chloride	1.607	62	3254	0.254	ug/L	85
6) Bromomethane	1.861	94	1776	0.271	ug/L	87
8) Chloroethane	1.938	64	2621	0.321	ug/L #	74
9) Trichlorofluoromethane	2.144	101	3637	0.252	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2435	0.275	ug/L	89
12) 1,1-Dichloroethene	2.588	96	2348	0.279	ug/L #	1
13) Acetone	2.652	43	3222	1.528	ug/L	90
14) Carbon disulfide	2.803	76	5650	0.212	ug/L	99
15) Methyl Acetate	2.964	43	1470m	0.386	ug/L	
16) Methylene chloride	3.057	84	4931	0.369	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	5446	0.234	ug/L	96
18) trans-1,2-Dichloroethene	3.362	96	2134	0.239	ug/L	91
19) 1,1-Dichloroethane	3.880	63	4366	0.242	ug/L	90
21) 2-Butanone	4.726	43	5620	1.596	ug/L	86
22) cis-1,2-Dichloroethene	4.671	96	2334	0.237	ug/L	93
23) Bromochloromethane	4.983	128	1046	0.251	ug/L	87

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	5.096	83	9221	0.479 ug/L	92
27) 1,2-Dichloroethane	5.806	62	3168	0.251 ug/L #	77
29) 1,1,1-Trichloroethane	5.324	97	3416	0.235 ug/L	95
30) Cyclohexane	5.395	56	3437	0.206 ug/L	91
31) Carbon tetrachloride	5.533	117	2553	0.224 ug/L	97
33) Benzene	5.784	78	9773	0.247 ug/L	100
34) Trichloroethene	6.549	95	2234	0.228 ug/L	88
35) Methylcyclohexane	6.767	83	3628	0.225 ug/L	95
37) 1,2-Dichloropropane	6.796	63	2761	0.260 ug/L #	88
38) Bromodichloromethane	7.115	83	3049	0.237 ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	3269	0.217 ug/L	90
40) 4-Methyl-2-pentanone	7.803	43	17099	2.069 ug/L #	89
42) Toluene	7.973	91	11057	0.267 ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	3054	0.238 ug/L	86
45) 1,1,2-Trichloroethane	8.407	97	1827	0.242 ug/L	96
47) Tetrachloroethene	8.562	164	1498	0.220 ug/L	92
48) 2-Hexanone	8.697	43	19125	3.110 ug/L	90
49) Dibromochloromethane	8.819	129	1685	0.212 ug/L	89
50) 1,2-Dibromoethane	8.931	107	1607	0.226 ug/L #	92
51) Chlorobenzene	9.455	112	6251	0.244 ug/L	96
52) Ethylbenzene	9.574	91	9442	0.211 ug/L	100
53) m,p-Xylene	9.700	106	3453	0.203 ug/L	83
54) o-Xylene	10.105	106	3194	0.196 ug/L	97
55) Styrene	10.121	104	5436	0.191 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	2359	0.233 ug/L	92
59) Bromoform	10.295	173	973	0.247 ug/L #	74
60) Isopropylbenzene	10.491	105	8650	0.218 ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	1779	0.254 ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	6675	0.202 ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	6840	0.202 ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	4469	0.241 ug/L	94
65) 1,4-Dichlorobenzene	11.844	146	4601	0.241 ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	4452	0.253 ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.008	75	274	0.178 ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	3089	0.219 ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	2289	0.193 ug/L	94
71) Naphthalene	14.095	128	3434	0.148 ug/L #	93
72) 1,2,3-Trichlorobenzene	14.333	180	1989	0.182 ug/L	94

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