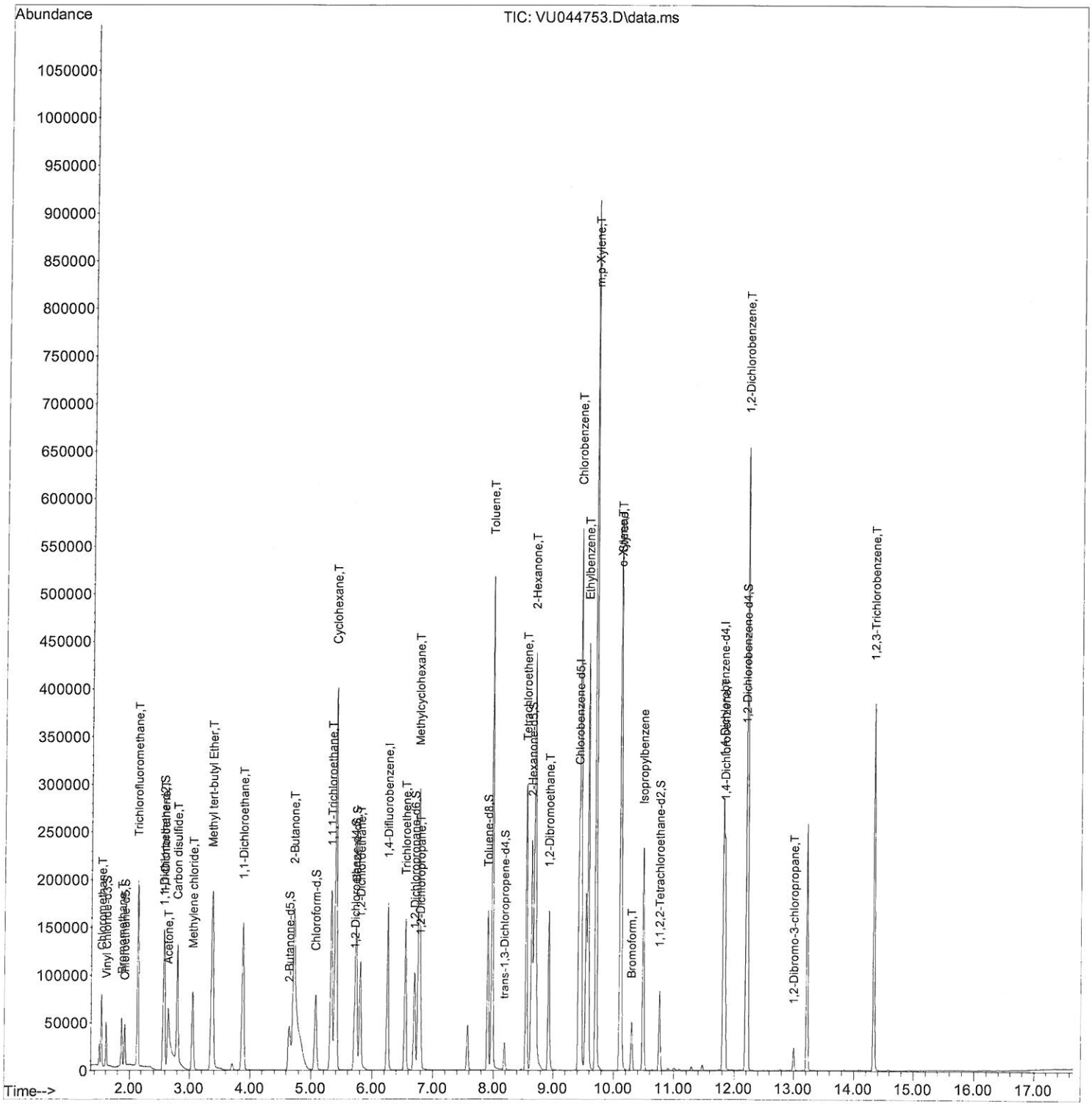
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044753.D
Acq On : 22 Sep 2021 12:49
Operator : SY/MD
Sample : M3814-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 03:02:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 23 02:59:45 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GB6Y1

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:29 PM



Quantitation Report (Qedit)

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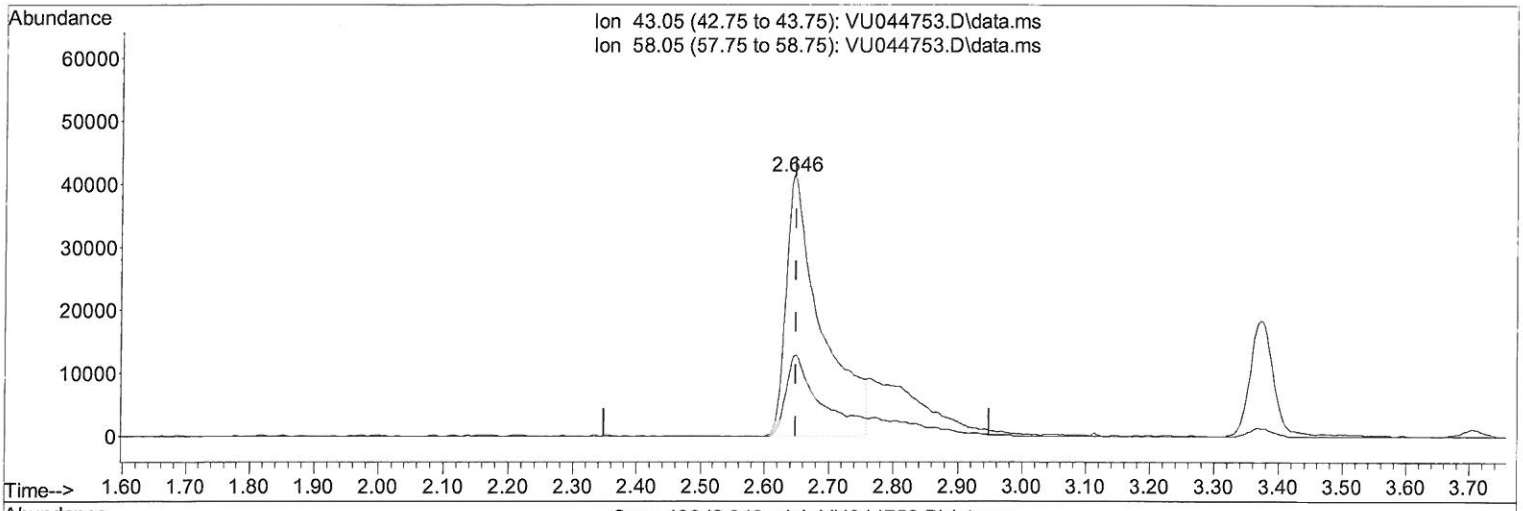

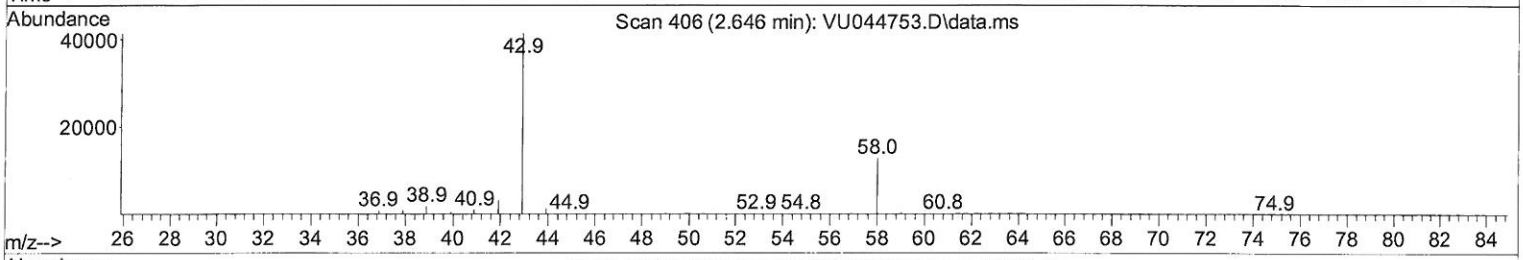

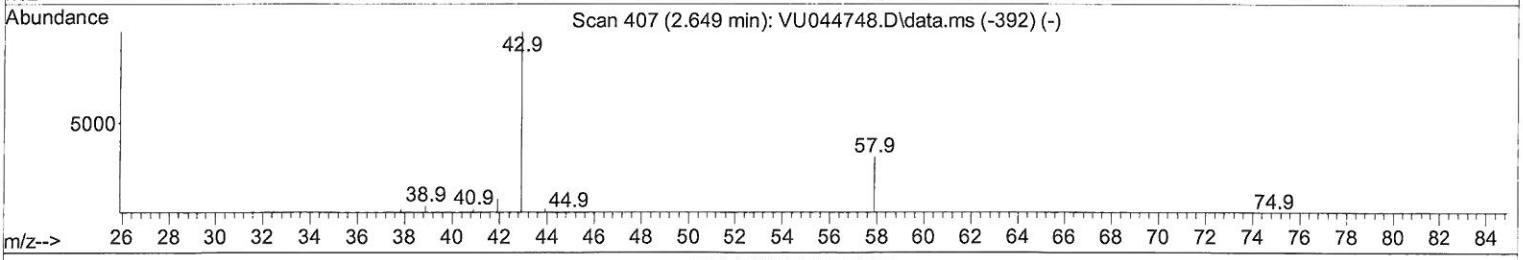

TIC: VU044753.D\data.ms

(13) Acetone (T)

2.646min (-0.003) 73.45 ug/L

response 157594

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	27.68
0.00	0.00	0.00
0.00	0.00	0.00

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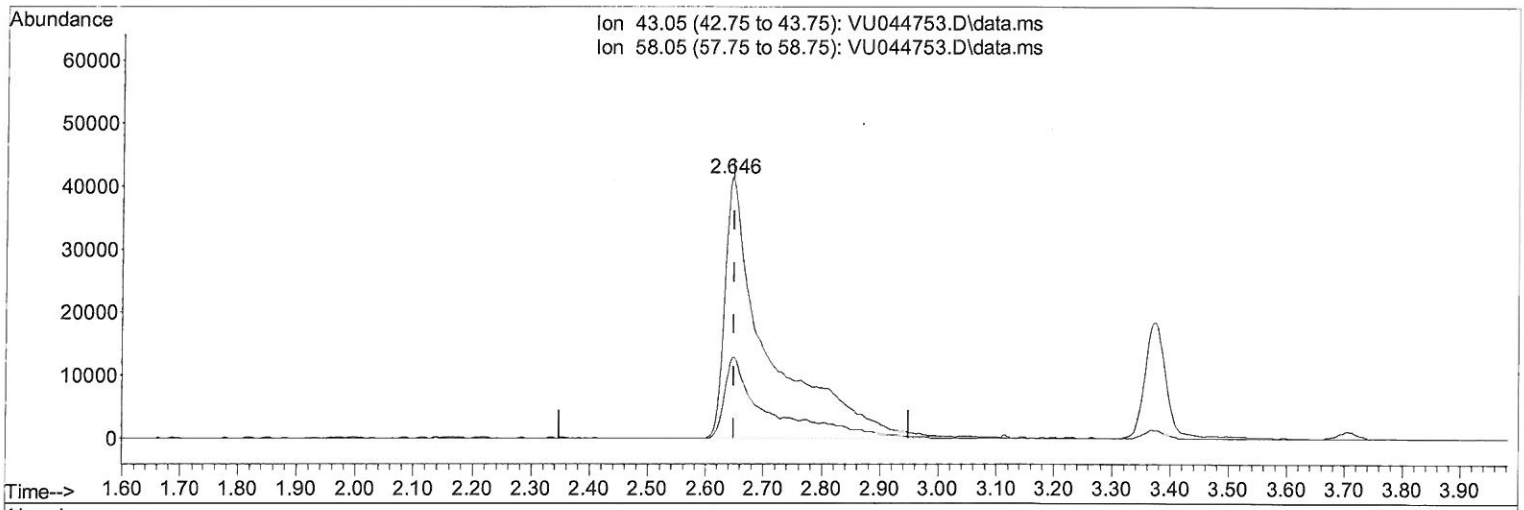

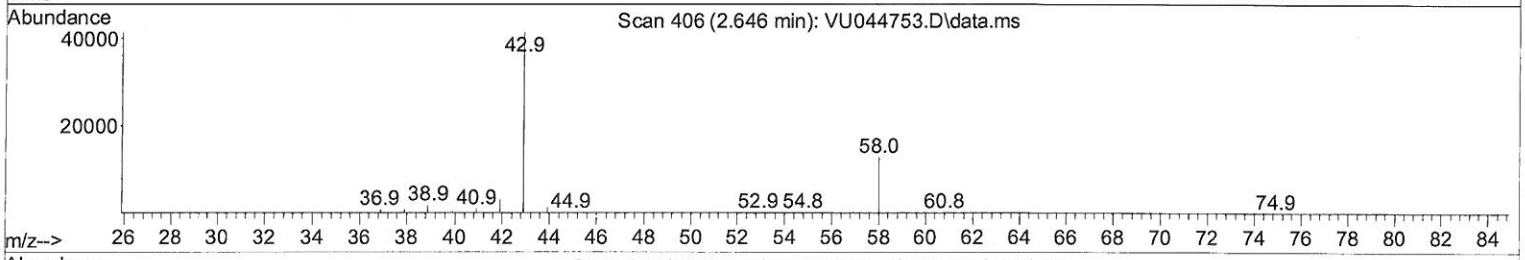

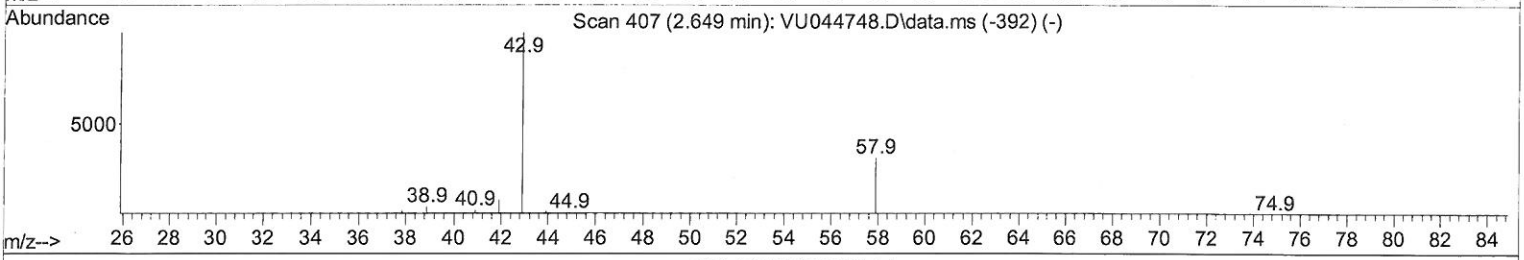

TIC: VU044753.D\data.ms

(13) Acetone (T)

2.646min (-0.003) 99.27 ug/L m SMD 9/28/21

response 213000

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	20.48
0.00	0.00	0.00
0.00	0.00	0.00

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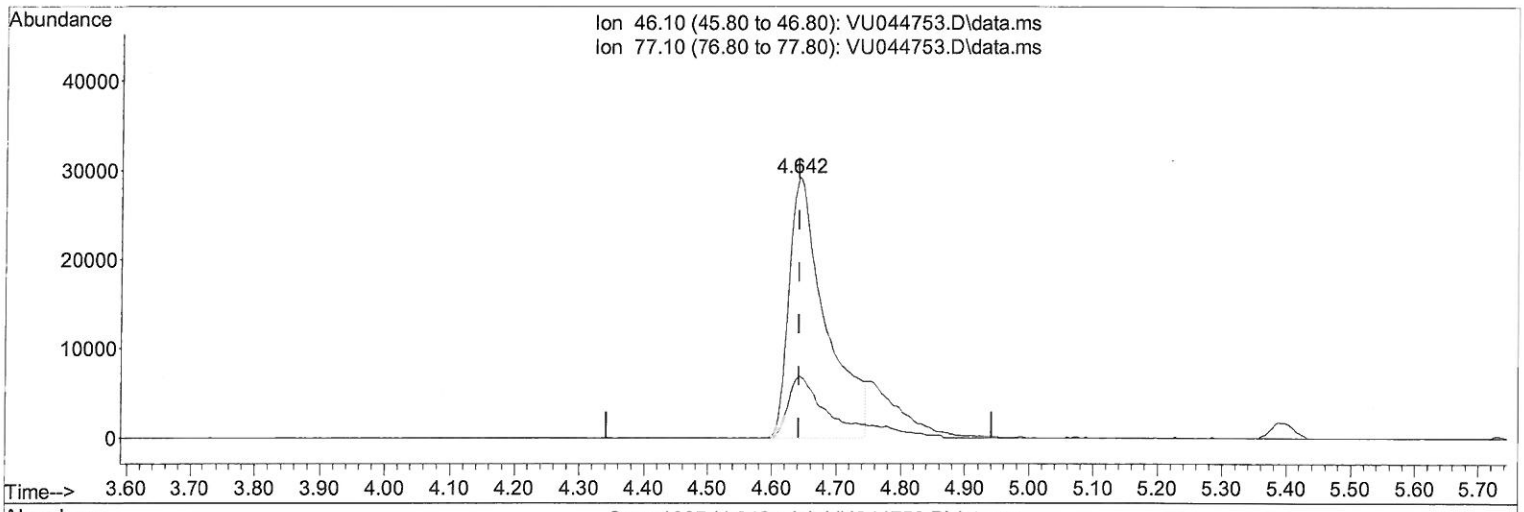

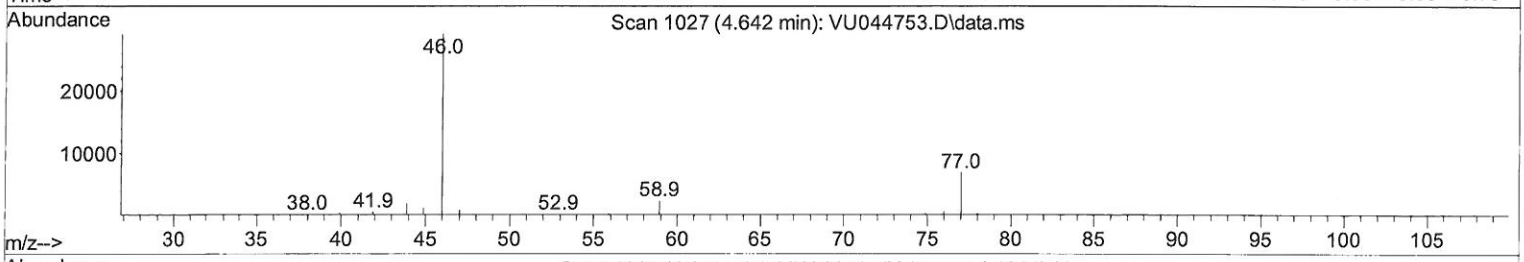

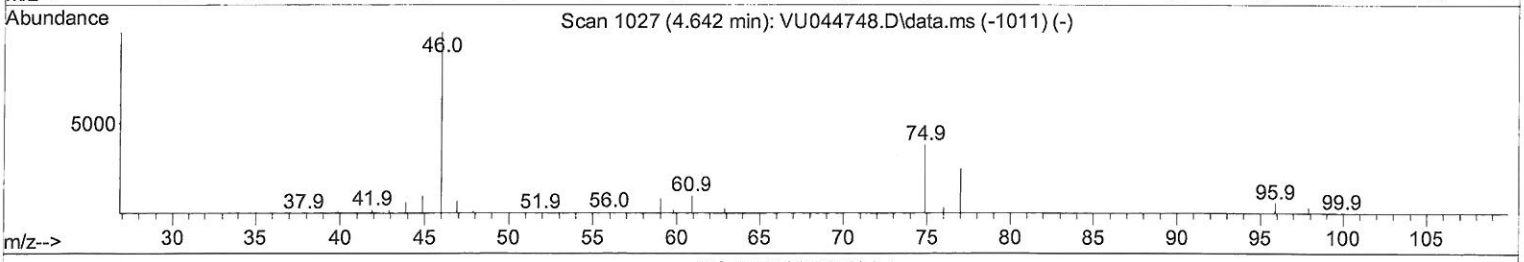

TIC: VU044753.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 35.14 ug/L

response 115763

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	21.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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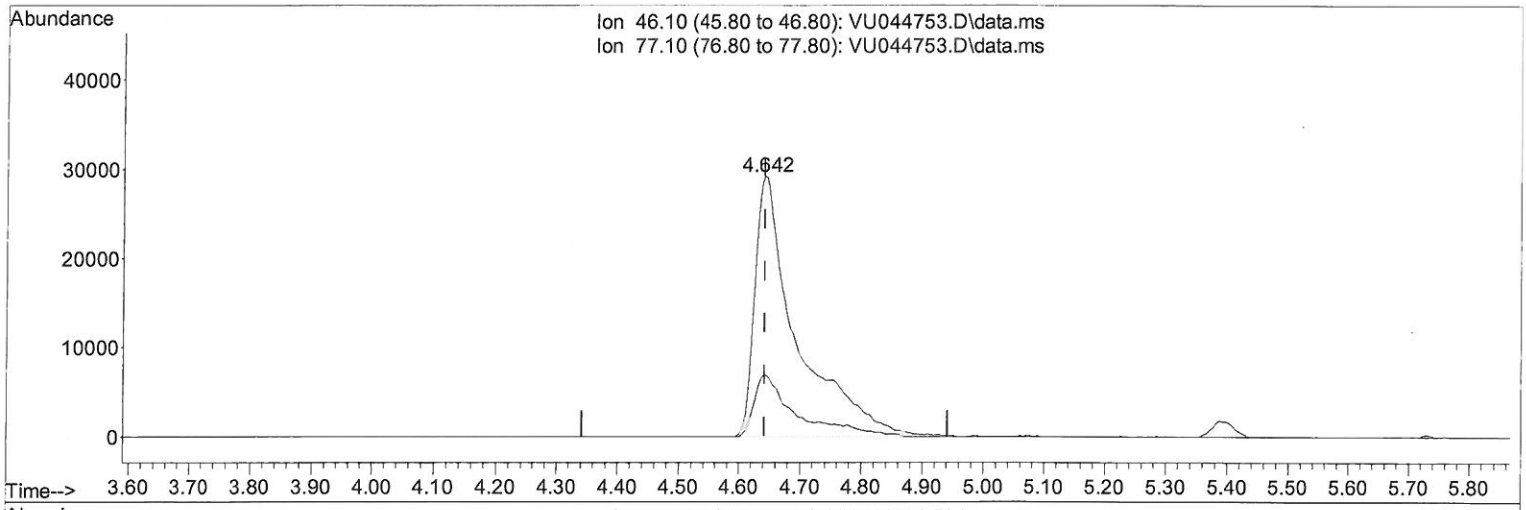
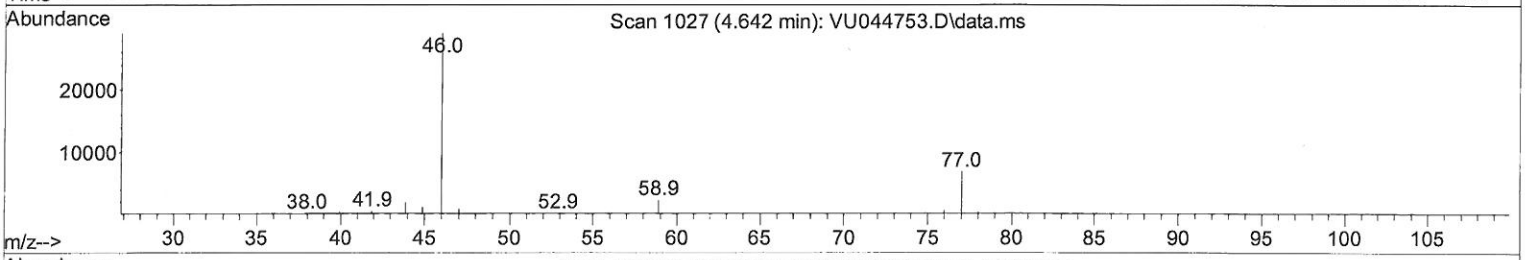
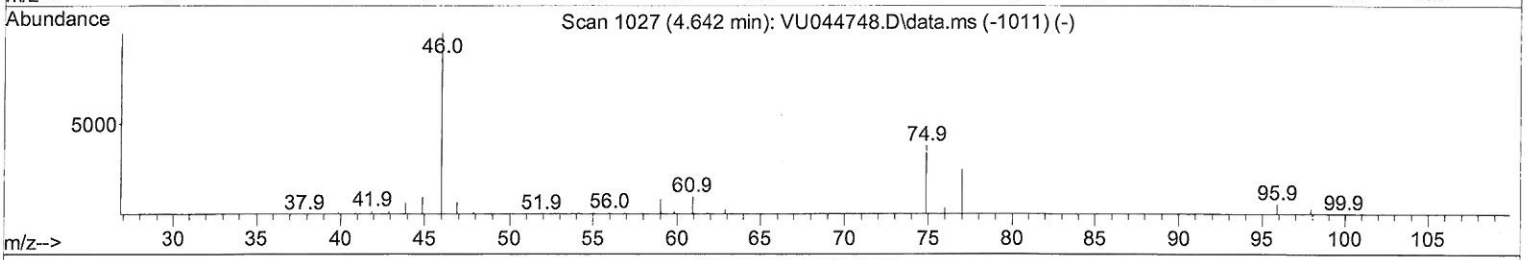
9/24/2021 1:35:29 PM







TIC: VU044753.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 41.76 ug/L m JMD 9/28/21

response 137571

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	18.45
0.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId : GB6Y1

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	133195	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	133173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	65557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	32202	4.097	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.000%			
7) Chloroethane-d5	1.916	69	31566	3.936	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.800%			
11) 1,1-Dichloroethene-d2	2.572	65	14594	3.677	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.600%			
20) 2-Butanone-d5	4.642	46	137571m	41.758	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.520%			
24) Chloroform-d	5.070	84	70868	4.287	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
26) 1,2-Dichloroethane-d4	5.710	65	41755	4.236	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
32) Benzene-d6	5.732	84	135623	3.994	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.800%			
36) 1,2-Dichloropropane-d6	6.697	67	46124	4.136	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.800%			
41) Toluene-d8	7.903	98	107941	3.651	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.000%			
43) trans-1,3-Dichloroprop...	8.186	79	16026	4.077	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.645	63	103237	40.862	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.720%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41749	4.222	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.400%			
66) 1,2-Dichlorobenzene-d4	12.198	152	45000	4.160	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.200%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	50748	3.974	ug/L	98
6) Bromomethane	1.861	94	22465	3.366	ug/L	97
9) Trichlorofluoromethane	2.141	101	120679	8.228	ug/L	99
12) 1,1-Dichloroethene	2.584	96	33337	3.896	ug/L	95
13) Acetone	2.646	43	213000m	99.267	ug/L	
14) Carbon disulfide	2.797	76	153930	5.682	ug/L	98
16) Methylene chloride	3.054	84	37994	2.792	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	204500	8.646	ug/L	99
19) 1,1-Dichloroethane	3.877	63	180044	9.790	ug/L	100
21) 2-Butanone	4.719	43	447247	124.834	ug/L	84
27) 1,2-Dichloroethane	5.803	62	98839	7.703	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	133550	9.203	ug/L	99
30) Cyclohexane	5.395	56	196666	11.834	ug/L	99
34) Trichloroethene	6.549	95	53358	5.453	ug/L	95
35) Methylcyclohexane	6.768	83	106104	6.599	ug/L	99
37) 1,2-Dichloropropane	6.797	63	24692	2.331	ug/L	99
42) Toluene	7.977	91	367533	8.904	ug/L	98
47) Tetrachloroethene	8.559	164	62530	9.203	ug/L	99

MD 9/28/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.697	43	344719	56.180	ug/L	99
50) 1,2-Dibromoethane	8.928	107	114197	16.108	ug/L	99
51) Chlorobenzene	9.452	112	282101	11.023	ug/L	99
52) Ethylbenzene	9.575	91	302605	6.768	ug/L	100
53) m,p-Xylene	9.703	106	238230	14.012	ug/L	100
54) o-Xylene	10.105	106	92182	5.676	ug/L	99
55) Styrene	10.118	104	157850	5.552	ug/L	99
59) Bromoform	10.295	173	22322	5.478	ug/L	97
60) Isopropylbenzene	10.488	105	144627	3.524	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	82911	4.200	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	228967	12.607	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	5992	3.761	ug/L	94
72) 1,2,3-Trichlorobenzene	14.333	180	107422	9.511	ug/L	100

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