Quantitation Report (QT Reviewed)

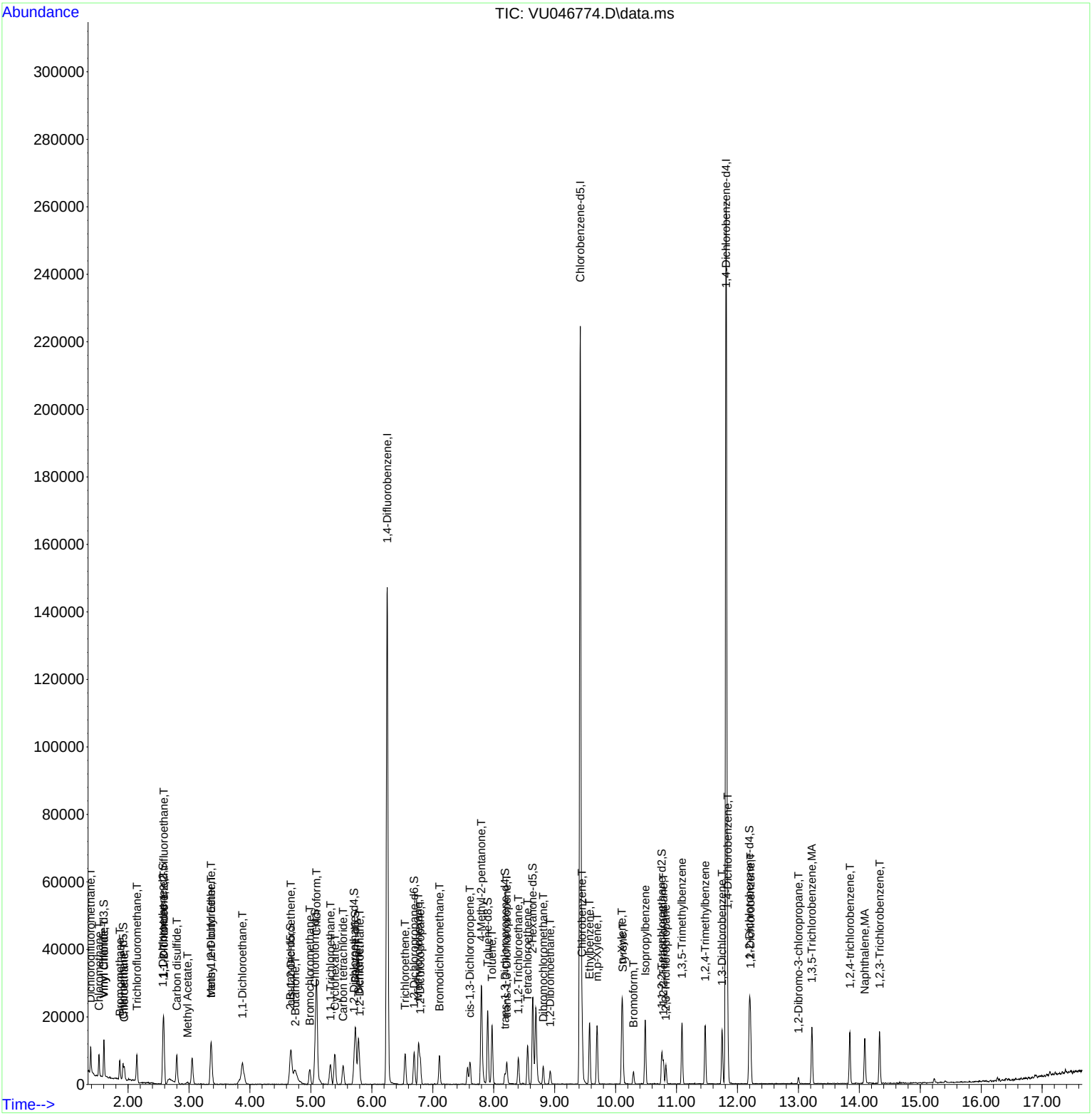
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
Data File : VU046774.D
Acq On : 18 Jan 2022 10:49
Operator : SY/MD
Sample : VSTD0.545
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 19 06:00:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 19 05:54:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5045

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



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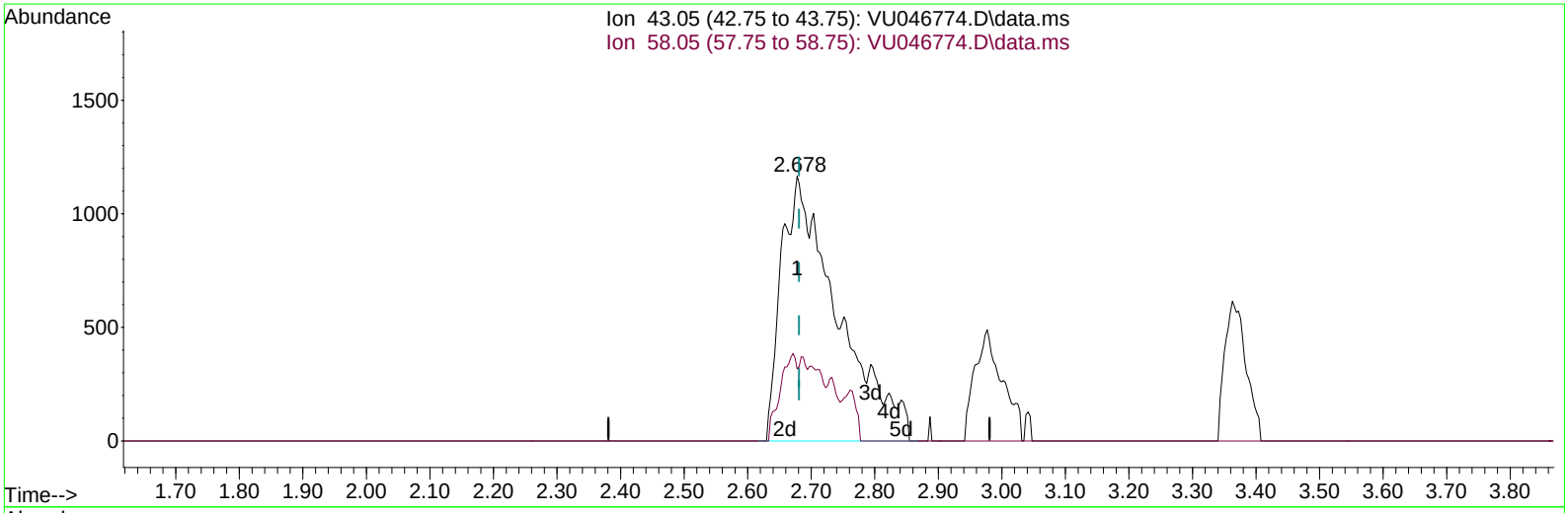

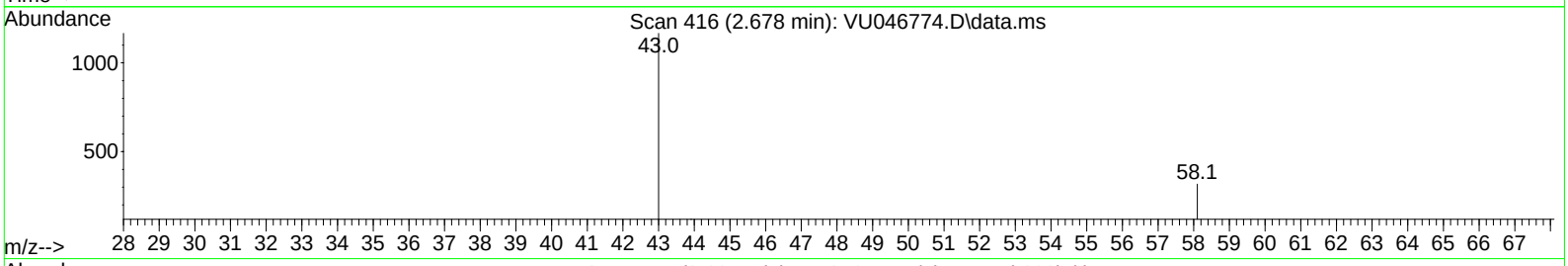

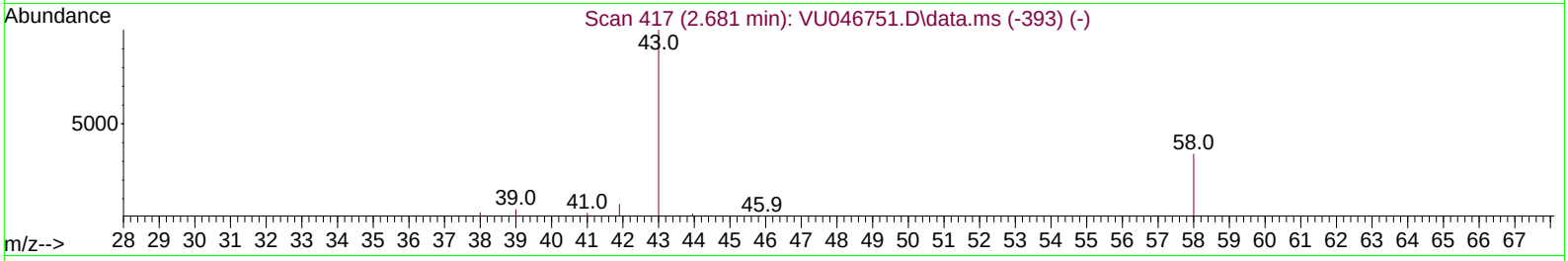

TIC: VU046774.D\data.ms

(13) Acetone (T)

2.678min (-0.003) 2.81 ug/L m

response 7162

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	35.80	9.84
0.00	0.00	0.00
0.00	0.00	0.00

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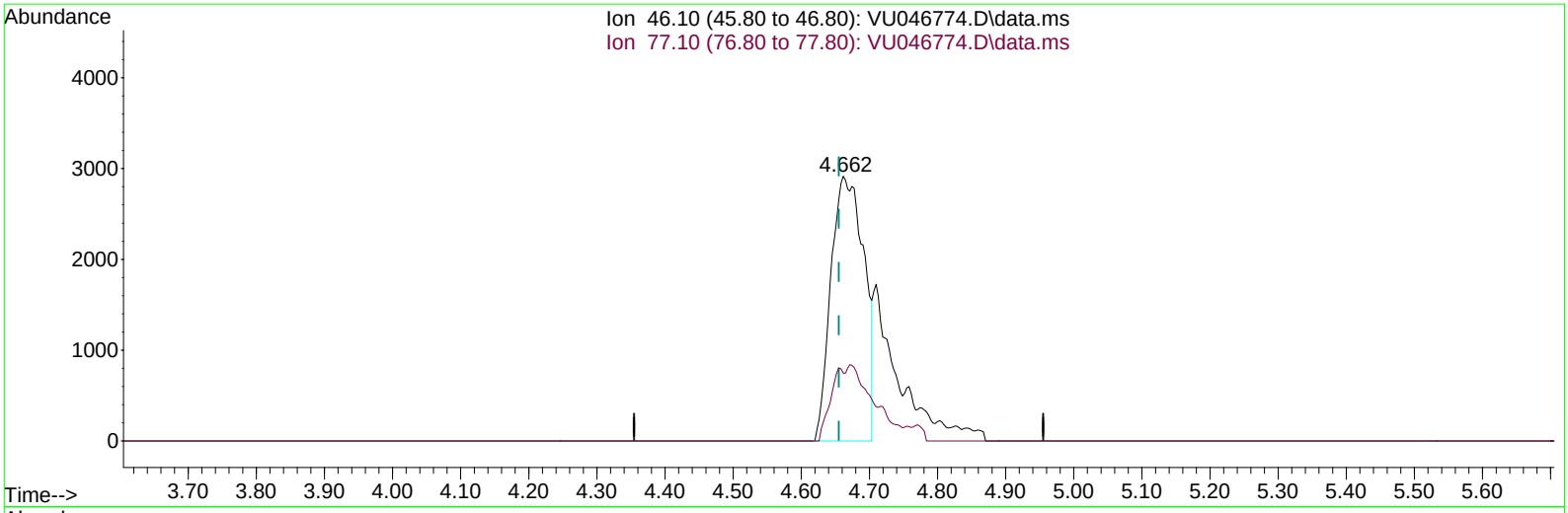

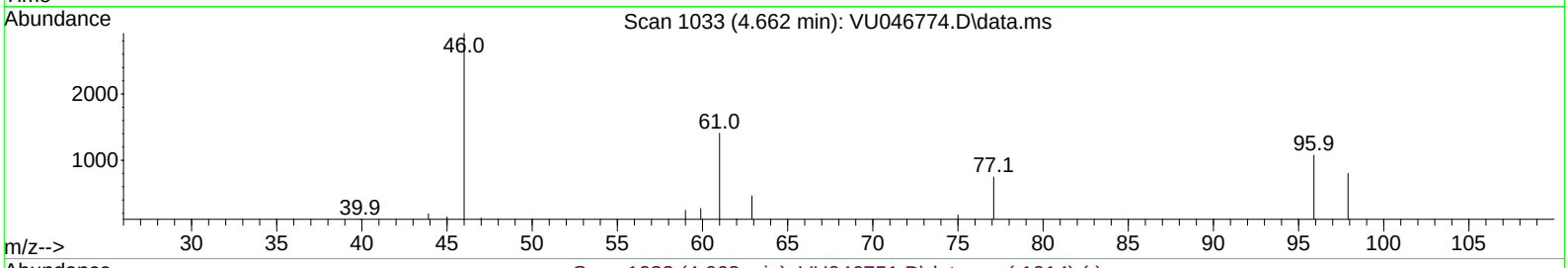

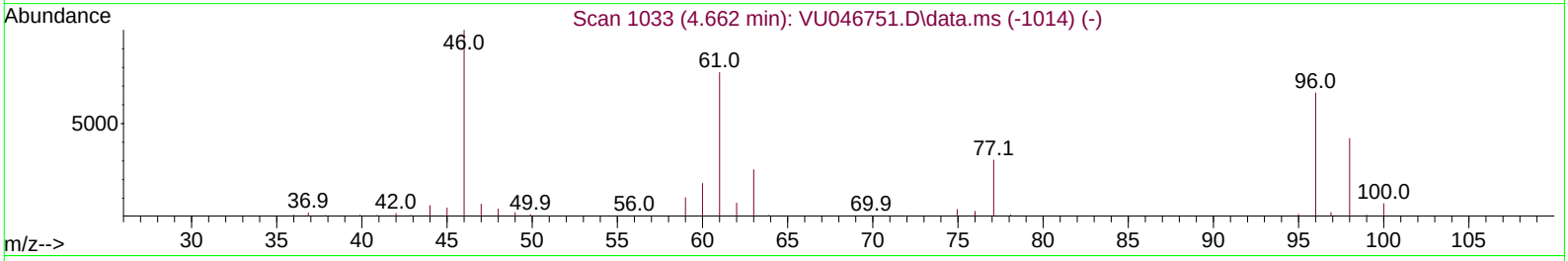

TIC: VU046774.D\data.ms

(20) 2-Butanone-d5 (S)

4.662min (+ 0.007) 3.24 ug/L

response 9803

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.10	11.22#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VU046774.D
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Sample : VSTD0.545
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 19 06:00:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 19 05:54:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5045

Manual IntegrationsAPPROVED

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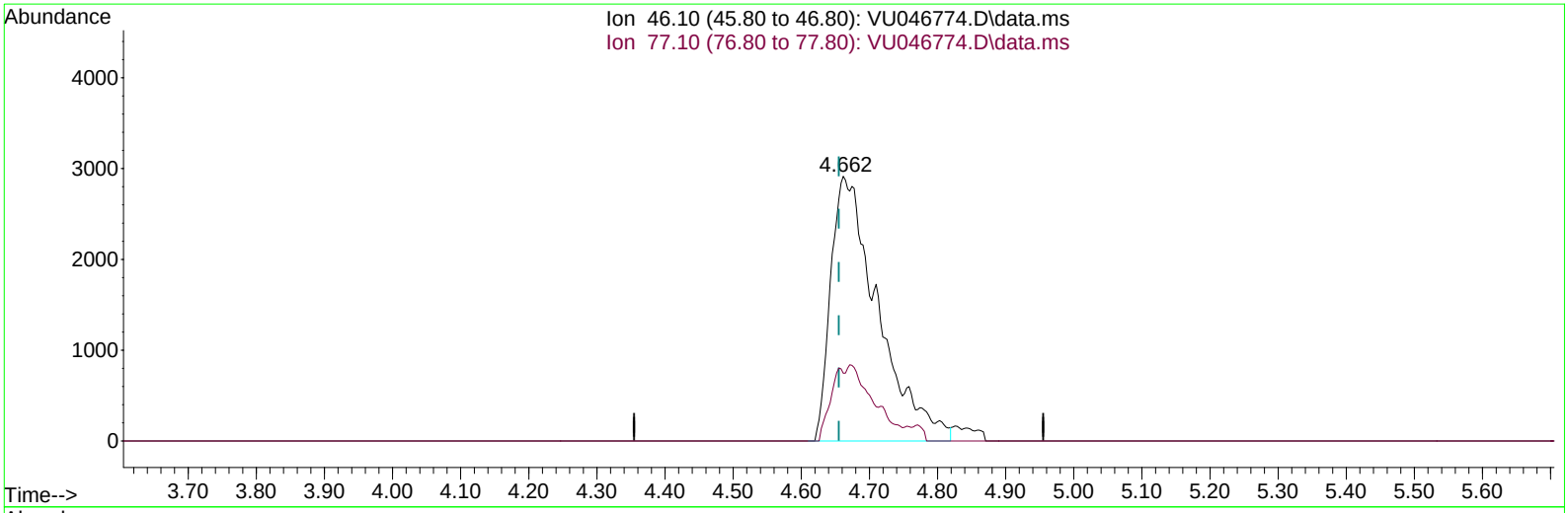

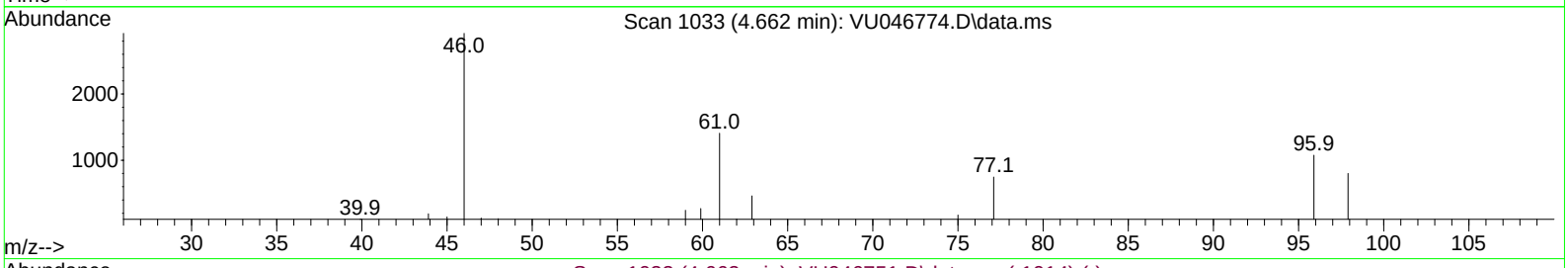

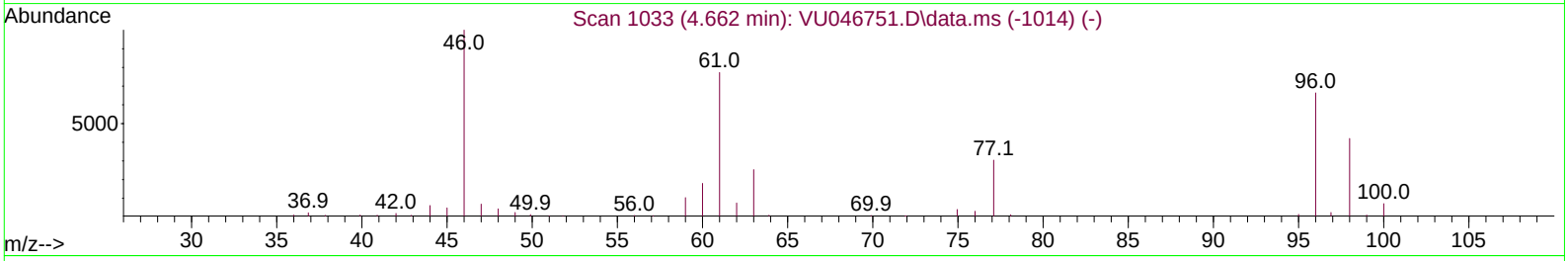

TIC: VU046774.D\data.ms

(20) 2-Butanone-d5 (S)

4.662min (+ 0.007) 4.62 ug/L m

response 13982

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.10	7.87#
0.00	0.00	0.00
0.00	0.00	0.00

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 19 06:00:00 2022
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Instrument :
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VSTD0.5045

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/19/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.253	114	126721	5.000	ug/L		0.00
28) Chlorobenzene-d5	9.420	117	130682	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72849	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.601	65	4668	0.463	ug/L		0.00
7) Chloroethane-d5	1.919	69	3849	0.480	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.572	65	1875	0.441	ug/L		0.00
20) 2-Butanone-d5	4.662	46	13982m	4.618	ug/L		0.00
24) Chloroform-d	5.070	84	8813	0.481	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.707	65	4524	0.434	ug/L		0.00
32) Benzene-d6	5.729	84	16745	0.460	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.694	67	4961	0.453	ug/L		0.00
41) Toluene-d8	7.903	98	15037	0.453	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.186	79	2093	0.416	ug/L		0.00
46) 2-Hexanone-d5	8.639	63	10906	3.645	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4911	0.432	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	6202	0.464	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	5046	0.281	ug/L		94
3) Chloromethane	1.523	50	4427	0.289	ug/L		94
5) Vinyl chloride	1.607	62	4183	0.275	ug/L		98
6) Bromomethane	1.864	94	2794	0.302	ug/L		97
8) Chloroethane	1.938	64	2422	0.273	ug/L		83
9) Trichlorofluoromethane	2.144	101	5258	0.266	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	3124	0.304	ug/L		95
12) 1,1-Dichloroethene	2.588	96	2827	0.272	ug/L		89
14) Carbon disulfide	2.800	76	10822	0.320	ug/L		99
15) Methyl Acetate	2.977	43	1477	0.295	ug/L	#	69
17) Methyl tert-butyl Ether	3.363	73	7814	0.263	ug/L		100
18) trans-1,2-Dichloroethene	3.363	96	3271	0.297	ug/L		84
19) 1,1-Dichloroethane	3.877	63	5058	0.252	ug/L		95
21) 2-Butanone	4.745	43	9022	2.363	ug/L	#	70
22) cis-1,2-Dichloroethene	4.671	96	3486	0.289	ug/L		86
23) Bromochloromethane	4.983	128	1616	0.271	ug/L	#	80
25) Chloroform	5.092	83	26649	1.184	ug/L		94
27) 1,2-Dichloroethane	5.800	62	3554	0.232	ug/L	#	94
29) 1,1,1-Trichloroethane	5.321	97	4985	0.256	ug/L		96
30) Cyclohexane	5.395	56	4591	0.278	ug/L		94
31) Carbon tetrachloride	5.530	117	3974	0.243	ug/L		90
33) Benzene	5.781	78	12632	0.268	ug/L		100
34) Trichloroethene	6.546	95	3351	0.269	ug/L		87
35) Methylcyclohexane	6.764	83	5051	0.281	ug/L		99
37) 1,2-Dichloropropane	6.797	63	3197	0.269	ug/L	#	88
38) Bromodichloromethane	7.108	83	5963	0.360	ug/L	#	99
39) cis-1,3-Dichloropropene	7.610	75	4553	0.250	ug/L		94
40) 4-Methyl-2-pentanone	7.797	43	21267	2.372	ug/L		96
42) Toluene	7.973	91	13981	0.287	ug/L		99
44) trans-1,3-Dichloropropene	8.215	75	4092	0.244	ug/L		86
45) 1,1,2-Trichloroethane	8.404	97	2677	0.259	ug/L		91
47) Tetrachloroethene	8.555	164	2700	0.298	ug/L		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	8.813	129	3254	0.273	ug/L		91
50) 1,2-Dibromoethane	8.925	107	2617	0.260	ug/L	#	91
51) Chlorobenzene	9.449	112	9198	0.292	ug/L		92
52) Ethylbenzene	9.575	91	13663	0.268	ug/L		98
53) m,p-Xylene	9.697	106	5853	0.298	ug/L		92
54) o-Xylene	10.102	106	5085	0.272	ug/L		96
55) Styrene	10.118	104	7926	0.246	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.784	83	3535	0.259	ug/L		92
59) Bromoform	10.295	173	1774	0.236	ug/L	#	94
60) Isopropylbenzene	10.488	105	13289	0.261	ug/L		99
61) 1,2,3-Trichloropropane	10.825	75	2738	0.254	ug/L		97
62) 1,3,5-Trimethylbenzene	11.089	105	10740	0.255	ug/L		99
63) 1,2,4-Trimethylbenzene	11.472	105	10543	0.248	ug/L		100
64) 1,3-Dichlorobenzene	11.748	146	7439	0.298	ug/L		99
65) 1,4-Dichlorobenzene	11.838	146	7652	0.299	ug/L		98
67) 1,2-Dichlorobenzene	12.214	146	7366	0.295	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.999	75	534	0.216	ug/L	#	76
69) 1,3,5-Trichlorobenzene	13.221	180	5941	0.312	ug/L		98
70) 1,2,4-trichlorobenzene	13.845	180	5205	0.321	ug/L		97
71) Naphthalene	14.089	128	11994	0.343	ug/L		99
72) 1,2,3-Trichlorobenzene	14.333	180	5052	0.319	ug/L		96

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